Statistics/Data Analysis

```
      name:  <unnamed>
       log:  C:\Dropbox\Sync folders\Synchronization Files\Research\directive mediatio
> n\direct mediation-ii-revision\lee greig replication results.smcl
  log type:  smcl
 opened on:  16 Apr 2019, 18:49:33

1 .
2 . *** STRATEGIC RIVALRY ANALYSIS
3 . use "C:\Dropbox\Sync folders\Synchronization Files\Research\directive mediation\dire
> ct mediation-ii-revision\replication data-strategic rivalries.dta", clear

4 . heckprob outcome2 directive_dependence directive_powerratio directive_duration direc
> tive_biased dependence_power dependence_duration dependence_biased powerratio_durati
> on powerratio_biased biased_duration x1x2x3d x1x2x4 x1x3x4d x2x3x4d x1x2x3x4d lag_me
> diation_mos bias_mediator med_experience exp_w_med un_mediation mediator_leader disp
> utant_initiate rivalry_duration power_ratio avg_severity dyadic_dependence directive
>  communication, sel(mediation=avg_severity ongoing_dispute power_ratio max_power tot
> al_maj_ally lag_directive_mos lag_mediation_mos rivalry_duration dyadic_dependence l
> ag_med) cluster(rivalry)

Fitting probit model:

Iteration 0:   log pseudolikelihood = -149.38629
Iteration 1:   log pseudolikelihood = -126.01888
Iteration 2:   log pseudolikelihood = -125.50165
Iteration 3:   log pseudolikelihood = -125.48168
Iteration 4:   log pseudolikelihood = -125.48107
Iteration 5:   log pseudolikelihood = -125.48107

Fitting selection model:

Iteration 0:   log pseudolikelihood =  -1119.336
Iteration 1:   log pseudolikelihood = -703.84311
Iteration 2:   log pseudolikelihood = -661.30674
Iteration 3:   log pseudolikelihood = -659.02111
Iteration 4:   log pseudolikelihood = -659.00221
Iteration 5:   log pseudolikelihood = -659.00221

Fitting starting values:

Iteration 0:   log pseudolikelihood = -149.71979
Iteration 1:   log pseudolikelihood = -123.86922
Iteration 2:   log pseudolikelihood = -123.44782
Iteration 3:   log pseudolikelihood =  -123.4311
Iteration 4:   log pseudolikelihood = -123.43058
Iteration 5:   log pseudolikelihood = -123.43057

Fitting full model:

Iteration 0:   log pseudolikelihood = -782.44316
Iteration 1:   log pseudolikelihood = -782.39118
Iteration 2:   log pseudolikelihood = -782.39116

Probit model with sample selection              Number of obs     =     14,257
                                                      Selected    =        216
                                                      Nonselected =     14,041

                                                Wald chi2(28)     =     153.40
Log pseudolikelihood = -782.3912                Prob > chi2       =     0.0000
```

(Std. Err. adjusted for **619** clusters in rivalry_duration)

	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
outcome2						
directive_depen~e	26.53176	18.29967	1.45	0.147	-9.334934	62.39844
directive_power~o	-.0549738	.0906277	-0.61	0.544	-.2326008	.1226532
directive_durat~n	-.0008587	.0017263	-0.50	0.619	-.0042421	.0025247
directive_biased	1.093046	.4876683	2.24	0.025	.1372338	2.048859
dependence_power	-2.701887	1.548594	-1.74	0.081	-5.737076	.3333015
dependence_dura~n	-.2477338	.1174131	-2.11	0.035	-.4778592	-.0176084
dependence_biased	279.4726	219.6556	1.27	0.203	-151.0445	709.9897
powerratio_dura~n	-.0006467	.000278	-2.33	0.020	-.0011915	-.0001018
powerratio_biased	-.0426674	.1051512	-0.41	0.685	-.2487599	.1634251
biased_duration	-.0048863	.0023471	-2.08	0.037	-.0094865	-.000286
x1x2x3d	.0388453	.0168729	2.30	0.021	.0057749	.0719156
x1x2x4	-6.767037	8.107115	-0.83	0.404	-22.65669	9.122616
x1x3x4d	-1.708826	1.130118	-1.51	0.131	-3.923817	.5061646
x2x3x4d	.0005808	.0004084	1.42	0.155	-.0002197	.0013813
x1x2x3x4d	.0013929	.0294593	0.05	0.962	-.0563463	.0591321
lag_mediation_mos	-.0202078	.0079124	-2.55	0.011	-.0357159	-.0046997
bias_mediator	-.0957058	.6821706	-0.14	0.888	-1.432736	1.241324
med_experience	.0442515	.2382892	0.19	0.853	-.4227867	.5112896
exp_w_med	.2822782	.4882498	0.58	0.563	-.6746737	1.23923
un_mediation	-.2244053	.2542172	-0.88	0.377	-.722662	.2738513
mediator_leader	.1708849	.2773513	0.62	0.538	-.3727137	.7144834
disputant_initi~e	.3018775	.2488843	1.21	0.225	-.1859267	.7896818
rivalry_duration	.0030156	.0018364	1.64	0.101	-.0005835	.0066148
power_ratio	.0131212	.0112162	1.17	0.242	-.0088621	.0351045
avg_severity	-.0038487	.0033569	-1.15	0.252	-.0104281	.0027306
dyadic_dependence	37.14695	40.29831	0.92	0.357	-41.83628	116.1302
directive	-.1621888	.402754	-0.40	0.687	-.9515722	.6271946
communication	-.4311098	.2356843	-1.83	0.067	-.8930426	.0308231
_cons	1.537624	.6147244	2.50	0.012	.3327867	2.742462
mediation						
avg_severity	.0036038	.000919	3.92	0.000	.0018026	.005405
ongoing_dispute	.8688663	.0801395	10.84	0.000	.7117956	1.025937
power_ratio	.0103837	.0016195	6.41	0.000	.0072095	.0135579
max_power	-.0001961	.0000665	-2.95	0.003	-.0003264	-.0000658
total_maj_ally	-.0156882	.0504232	-0.31	0.756	-.1145158	.0831394
lag_directive_mos	-.0366501	.0341069	-1.07	0.283	-.1034985	.0301982
lag_mediation_mos	.043632	.0160474	2.72	0.007	.0121798	.0750843
rivalry_duration	-.0016957	.0003731	-4.54	0.000	-.0024269	-.0009644
dyadic_dependence	3.61961	2.660419	1.36	0.174	-1.594715	8.833935
lag_med	1.581712	.1008236	15.69	0.000	1.384102	1.779323
_cons	-3.031673	.1270435	-23.86	0.000	-3.280673	-2.782672
/athrho	-.3015151	.1431291	-2.11	0.035	-.582043	-.0209871
rho	-.2926985	.1308669			-.5241487	-.020984

Wald test of indep. eqns. (rho = 0): chi2(**1**) = **4.44** Prob > chi2 = **0.0352**

```
5 .
6 . ***** Marginal Effects - Strategic Rivalries
7 . *****
8 . ******** POWER RATIO
9 . ******
```

```
10. **** Varies values of POWER RATIO
11. forvalues x2=1/30 {
    2.
12. local x1=0
    3. local x3=1
    4. local x4=0
    5. local ddep=`x1'
    6. local dpow=`x2'
    7. local ddur=`x3'
    8. local dbias=`x4'
    9. local deppow=`x1'*`x2'
   10. local depdur=`x1'*`x3'
   11. local depbias=`x1'*`x4'
   12. local powdur=`x2'*`x3'
   13. local powbias=`x2'*`x4'
   14. local biasdur=`x4'*`x3'
   15. local a123=`x1'*`x2'*`x3'
   16. local a124=`x1'*`x2'*`x4'
   17. local a134=`x1'*`x3'*`x4'
   18. local a234=`x2'*`x3'*`x4'
   19. local a1234=`x1'*`x2'*`x3'*`x4'
   20.
13. local dp=`x1'*`x2'
   21. margins, atmeans at(directive=1 lag_med=0 ongoing_dispute=0 med_experience=1 exp_
  > w_med=0 un_mediation=0 mediator_leader=0 disputant_initiate=0 dependence_power=`depp
  > ow' dependence_duration=`depdur' dependence_biased=`depbias' powerratio_duration=`po
  > wdur' powerratio_biased=`powbias' biased_duration=`biasdur' x1x2x3d=`a123' x1x2x4=`a
  > 124' x1x3x4d=`a134' x2x3x4d=`a234' x1x2x3x4d=`a1234' dyadic_dependence=`x1' power_ra
  > tio=`x2' rivalry_duration=`x3' bias_mediator=`x4' directive_dependence=`ddep' direct
  > ive_powerratio=`dpow' directive_duration=`ddur' directive_biased=`dbias') level(95)
  > predict(pcond)
   22. }

  Adjusted predictions                              Number of obs     =        216
  Model VCE    : Robust

  Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
  at           : directive_~e    =           0
                 directive_~o    =           1
                 directive_~n    =           1
                 directive_~d    =           0
                 dependence~r    =           0
                 dependence~n    =           0
                 dependence~d    =           0
                 powerratio~n    =           1
                 powerratio~d    =           0
                 biased_dur~n    =           0
                 x1x2x3d         =           0
                 x1x2x4          =           0
                 x1x3x4d         =           0
                 x2x3x4d         =           0
                 x1x2x3x4d       =           0
                 lag_mediat~s    =    18.00926 (mean)
                 bias_media~r    =           0
                 med_experi~e    =           1
                 exp_w_med       =           0
                 un_mediation    =           0
                 mediator_l~r    =           0
                 disputant_~e    =           0
                 rivalry_du~n    =           1
                 power_ratio     =           1
                 avg_severity    =    97.64086 (mean)
                 dyadic_dep~e    =           0
                 directive       =           1
                 communicat~n    =    .5324074 (mean)
                 ongoing_di~e    =           0
                 max_power       =    287.6157 (mean)
                 total_maj_~y    =    .3935185 (mean)
                 lag_direct~s    =     8.12037 (mean)
                 lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.3583954**	**.1547286**	**2.32**	**0.021**	**.0551329**	**.6616579**

Adjusted predictions Number of obs = **216**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **0**
directive_~o = **2**
directive_~n = **1**
directive_~d = **0**
dependence~r = **0**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **2**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **18.00926** (mean)
bias_media~r = **0**
med_experi~e = **1**
exp_w_med = **0**
un_mediation = **0**
mediator_l~r = **0**
disputant_~e = **0**
rivalry_du~n = **1**
power_ratio = **2**
avg_severity = **97.64086** (mean)
dyadic_dep~e = **0**
directive = **1**
communicat~n = **.5324074** (mean)
ongoing_di~e = **0**
max_power = **287.6157** (mean)
total_maj_~y = **.3935185** (mean)
lag_direct~s = **8.12037** (mean)
lag_med = **0**

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.3430541**	**.1359392**	**2.52**	**0.012**	**.0766182**	**.6094901**

Adjusted predictions Number of obs = **216**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **0**
directive_~o = **3**
directive_~n = **1**
directive_~d = **0**
dependence~r = **0**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **3**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **18.00926** (mean)

```
                bias_media~r    =           0
                med_experi~e    =           1
                exp_w_med       =           0
                un_mediation    =           0
                mediator_l~r    =           0
                disputant_~e    =           0
                rivalry_du~n    =           1
                power_ratio     =           3
                avg_severity    =    97.64086  (mean)
                dyadic_dep~e    =           0
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =    287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3279671	.1247664	2.63	0.009	.0834295	.5725047

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           4
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           4
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           4
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =   .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =   .3935185  (mean)
               lag_direct~s    =    8.12037  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3131555	.12239	2.56	0.011	.0732756	.5530354

Adjusted predictions Number of obs = **216**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **0**
directive_~o = **5**
directive_~n = **1**
directive_~d = **0**
dependence~r = **0**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **5**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **18.00926** (mean)
bias_media~r = **0**
med_experi~e = **1**
exp_w_med = **0**
un_mediation = **0**
mediator_l~r = **0**
disputant_~e = **0**
rivalry_du~n = **1**
power_ratio = **5**
avg_severity = **97.64086** (mean)
dyadic_dep~e = **0**
directive = **1**
communicat~n = **.5324074** (mean)
ongoing_di~e = **0**
max_power = **287.6157** (mean)
total_maj_~y = **.3935185** (mean)
lag_direct~s = **8.12037** (mean)
lag_med = **0**

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.2986393**	**.128315**	**2.33**	**0.020**	**.0471466**	**.550132**

Adjusted predictions Number of obs = **216**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **0**
directive_~o = **6**
directive_~n = **1**
directive_~d = **0**
dependence~r = **0**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **6**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **18.00926** (mean)
bias_media~r = **0**
med_experi~e = **1**
exp_w_med = **0**
un_mediation = **0**
mediator_l~r = **0**
disputant_~e = **0**
rivalry_du~n = **1**

```
                power_ratio     =           6
                avg_severity    =    97.64086  (mean)
                dyadic_dep~e    =           0
                directive       =           1
                communicat~n    =    .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =    287.6157  (mean)
                total_maj_~y    =    .3935185  (mean)
                lag_direct~s    =     8.12037  (mean)
                lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.2844369	.1405283	2.02	0.043	.0090065	.5598673

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           7
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           7
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           7
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.2705653	.156654	1.73	0.084	-.036471	.5776015

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           8
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           8
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926 (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           8
               avg_severity    =    97.64086 (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074 (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157 (mean)
               total_maj_~y    =    .3935185 (mean)
               lag_direct~s    =     8.12037 (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.2570399	.1747723	1.47	0.141	-.0855074	.5995873

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           9
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           9
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926 (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           9
               avg_severity    =    97.64086 (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =   287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.2438748	.1935632	1.26	0.208	-.1355022	.6232518

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          10
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          10
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =   18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          10
               avg_severity    =   97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =   .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =   287.6157  (mean)
               total_maj_~y    =   .3935185  (mean)
               lag_direct~s    =    8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.2310823	.2121683	1.09	0.276	-.18476	.6469246

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          11
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          11
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926 (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          11
               avg_severity    =    97.64086 (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074 (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157 (mean)
               total_maj_~y    =    .3935185 (mean)
               lag_direct~s    =     8.12037 (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.2186731	.2300327	0.95	0.342	-.2321827	.6695288

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          12
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          12
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926 (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          12
               avg_severity    =    97.64086 (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =   287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.2066563	.2467944	0.84	0.402	-.2770519	.6903645

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          13
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          13
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =   18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          13
               avg_severity    =   97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =   .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =   287.6157  (mean)
               total_maj_~y    =   .3935185  (mean)
               lag_direct~s    =    8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.1950394	.2622159	0.74	0.457	-.3188943	.7089731

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          14
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          14
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          14
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.1838284	.2761423	0.67	0.506	-.3574004	.7250573

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          15
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          15
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          15
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =   287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.1730277	.2884765	0.60	0.549	-.392376	.7384313

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          16
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          16
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =   18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          16
               avg_severity    =   97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =   .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =   287.6157  (mean)
               total_maj_~y    =   .3935185  (mean)
               lag_direct~s    =    8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.1626399	.2991637	0.54	0.587	-.4237101	.7489899

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          17
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          17
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          17
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.1526665	.3081808	0.50	0.620	-.4513567	.7566897

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          18
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          18
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          18
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =   287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.1431073	.3155297	0.45	0.650	-.4753196	.7615342

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          19
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          19
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =   18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          19
               avg_severity    =   97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =   .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =   287.6157  (mean)
               total_maj_~y    =   .3935185  (mean)
               lag_direct~s    =    8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.1339608	.3212327	0.42	0.677	-.4956438	.7635653

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          20
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          20
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          20
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.1252241	.3253285	0.38	0.700	-.5124081	.7628563

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          21
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          21
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          21
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =    .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =    287.6157  (mean)
                total_maj_~y    =    .3935185  (mean)
                lag_direct~s    =     8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.1168932	.3278695	0.36	0.721	-.5257191	.7595056

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          22
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          22
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          22
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.1089629	.3289193	0.33	0.740	-.5357071	.753633

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          23
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          23
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          23
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.1014269	.3285514	0.31	0.758	-.5425221	.7453759

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          24
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          24
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          24
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =    .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =    287.6157  (mean)
                total_maj_~y    =    .3935185  (mean)
                lag_direct~s    =     8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.0942777	.3268463	0.29	0.773	-.5463293	.7348846

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          25
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          25
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          25
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.0875071	.3238909	0.27	0.787	-.5473073	.7223216

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          26
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          26
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          26
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.0811062	.3197771	0.25	0.800	-.5456454	.7078577

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          27
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          27
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          27
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =   287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.075065	.3145993	0.24	0.811	-.5415383	.6916682

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          28
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          28
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =   18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          28
               avg_severity    =   97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =   .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =   287.6157  (mean)
               total_maj_~y    =   .3935185  (mean)
               lag_direct~s    =    8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.0693731	.3084551	0.22	0.822	-.5351879	.673934

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          29
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          29
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          29
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.0640195	.301442	0.21	0.832	-.526796	.654835

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          30
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          30
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          30
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =    .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =    287.6157  (mean)
                total_maj_~y    =    .3935185  (mean)
                lag_direct~s    =     8.12037  (mean)
                lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.0589927	.2936586	0.20	0.841	-.5165675	.634553

```
14.
15.
16. ******** RIVALRY DURATION
17. ******
18. ******
19. **** Varies values of RIVALRY DURATION
20. forvalues x3=1(24)361 {
    2.
21. local x1=0
    3. local x2=1.016
    4. local x4=0
    5. local ddep=`x1'
    6. local dpow=`x2'
    7. local ddur=`x3'
    8. local dbias=`x4'
    9. local deppow=`x1'*`x2'
   10. local depdur=`x1'*`x3'
   11. local depbias=`x1'*`x4'
   12. local powdur=`x2'*`x3'
   13. local powbias=`x2'*`x4'
   14. local biasdur=`x4'*`x3'
   15. local a123=`x1'*`x2'*`x3'
   16. local a124=`x1'*`x2'*`x4'
   17. local a134=`x1'*`x3'*`x4'
   18. local a234=`x2'*`x3'*`x4'
   19. local a1234=`x1'*`x2'*`x3'*`x4'
   20.
22. local dp=`x1'*`x2'
   21. margins, atmeans at(directive=1 lag_med=0 ongoing_dispute=0 med_experience=1 exp_
  > w_med=0 un_mediation=0 mediator_leader=0 disputant_initiate=0 dependence_power=`depp
  > ow' dependence_duration=`depdur' dependence_biased=`depbias' powerratio_duration=`po
  > wdur' powerratio_biased=`powbias' biased_duration=`biasdur' x1x2x3d=`a123' x1x2x4=`a
  > 124' x1x3x4d=`a134' x2x3x4d=`a234' x1x2x3x4d=`a1234' dyadic_dependence=`x1' power_ra
  > tio=`x2' rivalry_duration=`x3' bias_mediator=`x4' directive_dependence=`ddep' direct
  > ive_powerratio=`dpow' directive_duration=`ddur' directive_biased=`dbias') level(95)
  > predict(pcond)
   22. }

Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =       1.016
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
```

lag_mediat~s	=	**18.00926**	(mean)
bias_media~r	=	**0**	
med_experi~e	=	**1**	
exp_w_med	=	**0**	
un_mediation	=	**0**	
mediator_l~r	=	**0**	
disputant_~e	=	**0**	
rivalry_du~n	=	**1**	
power_ratio	=	**1.016**	
avg_severity	=	**97.64086**	(mean)
dyadic_dep~e	=	**0**	
directive	=	**1**	
communicat~n	=	**.5324074**	(mean)
ongoing_di~e	=	**0**	
max_power	=	**287.6157**	(mean)
total_maj_~y	=	**.3935185**	(mean)
lag_direct~s	=	**8.12037**	(mean)
lag_med	=	**0**	

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.3581481**	**.1543777**	**2.32**	**0.020**	**.0555734**	**.6607228**

Adjusted predictions Number of obs = **216**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **0**

directive_~o	=	**1.016**	
directive_~n	=	**25**	
directive_~d	=	**0**	
dependence~r	=	**0**	
dependence~n	=	**0**	
dependence~d	=	**0**	
powerratio~n	=	**25.4**	
powerratio~d	=	**0**	
biased_dur~n	=	**0**	
x1x2x3d	=	**0**	
x1x2x4	=	**0**	
x1x3x4d	=	**0**	
x2x3x4d	=	**0**	
x1x2x3x4d	=	**0**	
lag_mediat~s	=	**18.00926**	(mean)
bias_media~r	=	**0**	
med_experi~e	=	**1**	
exp_w_med	=	**0**	
un_mediation	=	**0**	
mediator_l~r	=	**0**	
disputant_~e	=	**0**	
rivalry_du~n	=	**25**	
power_ratio	=	**1.016**	
avg_severity	=	**97.64086**	(mean)
dyadic_dep~e	=	**0**	
directive	=	**1**	
communicat~n	=	**.5324074**	(mean)
ongoing_di~e	=	**0**	
max_power	=	**287.6157**	(mean)
total_maj_~y	=	**.3935185**	(mean)
lag_direct~s	=	**8.12037**	(mean)
lag_med	=	**0**	

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.3680073**	**.1505579**	**2.44**	**0.015**	**.0729192**	**.6630953**

Adjusted predictions Number of obs = **216**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **0**
directive_~o = **1.016**
directive_~n = **49**
directive_~d = **0**
dependence~r = **0**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **49.784**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **18.00926** (mean)
bias_media~r = **0**
med_experi~e = **1**
exp_w_med = **0**
un_mediation = **0**
mediator_l~r = **0**
disputant_~e = **0**
rivalry_du~n = **49**
power_ratio = **1.016**
avg_severity = **97.64086** (mean)
dyadic_dep~e = **0**
directive = **1**
communicat~n = **.5324074** (mean)
ongoing_di~e = **0**
max_power = **287.6157** (mean)
total_maj_~y = **.3935185** (mean)
lag_direct~s = **8.12037** (mean)
lag_med = **0**

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.3779468**	**.1477833**	**2.56**	**0.011**	**.0882968**	**.6675967**

Adjusted predictions Number of obs = **216**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **0**
directive_~o = **1.016**
directive_~n = **73**
directive_~d = **0**
dependence~r = **0**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **74.168**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **18.00926** (mean)
bias_media~r = **0**
med_experi~e = **1**
exp_w_med = **0**
un_mediation = **0**
mediator_l~r = **0**
disputant_~e = **0**
rivalry_du~n = **73**

```
                power_ratio     =       1.016
                avg_severity    =    97.64086  (mean)
                dyadic_dep~e    =           0
                directive       =           1
                communicat~n    =    .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =    287.6157  (mean)
                total_maj_~y    =    .3935185  (mean)
                lag_direct~s    =     8.12037  (mean)
                lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3879604	.1461955	2.65	0.008	.1014224	.6744983

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =          97
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =      98.552
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =          97
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3980419	.1459068	2.73	0.006	.1120698	.684014

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =         121
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =     122.936
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         121
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4081849	.1469886	2.78	0.005	.1200925	.6962773

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =         145
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =      147.32
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         145
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =   287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4183828	.1494641	2.80	0.005	.1254387	.711327

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =         169
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =     171.704
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         169
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =   .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =   287.6157  (mean)
               total_maj_~y    =   .3935185  (mean)
               lag_direct~s    =    8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4286291	.1533065	2.80	0.005	.128154	.7291043

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =         193
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =     196.088
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         193
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4389171	.1584456	2.77	0.006	.1283694	.7494648

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =         217
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =     220.472
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         217
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =   287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4492399	.1647776	2.73	0.006	.1262817	.772198

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =         241
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =     244.856
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         241
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =   .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =   287.6157  (mean)
               total_maj_~y    =   .3935185  (mean)
               lag_direct~s    =    8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4595907	.1721771	2.67	0.008	.1221299	.7970516

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =         265
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =      269.24
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         265
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4699628	.1805085	2.60	0.009	.1161726	.8237529

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =         289
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =     293.624
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         289
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =   287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.480349	.1896351	2.53	0.011	.108671	.852027

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =         313
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =     318.008
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         313
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =   .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =   287.6157  (mean)
               total_maj_~y    =   .3935185  (mean)
               lag_direct~s    =    8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4907426	.1994255	2.46	0.014	.0998759	.8816094

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =         337
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =     342.392
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         337
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5011366	.2097564	2.39	0.017	.0900217	.9122515

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =         361
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =     366.776
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         361
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =   287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5115241	.2205153	2.32	0.020	.0793221	.943726

```
23.
24.
25. ******** MEDIATOR BIAS
26. ******
27. ******
28. *** Sets value for DIRECTIVE variable: Loops through non-directive mediation, then d
  > irective mediation
29.
30. **** Varies values of MEDIATOR BIAS
31. forvalues x4=0/1 {
    2.
32. local x1=0
    3. local x2=1.016
    4. local x3=1
    5. local ddep=`x1'
    6. local dpow=`x2'
    7. local ddur=`x3'
    8. local dbias=`x4'
    9. local deppow=`x1'*`x2'
   10. local depdur=`x1'*`x3'
   11. local depbias=`x1'*`x4'
   12. local powdur=`x2'*`x3'
   13. local powbias=`x2'*`x4'
   14. local biasdur=`x4'*`x3'
   15. local a123=`x1'*`x2'*`x3'
   16. local a124=`x1'*`x2'*`x4'
   17. local a134=`x1'*`x3'*`x4'
   18. local a234=`x2'*`x3'*`x4'
   19. local a1234=`x1'*`x2'*`x3'*`x4'
   20.
33. local dp=`x1'*`x2'
   21. margins, atmeans at(directive=1 lag_med=0 ongoing_dispute=0 med_experience=1 exp_
  > w_med=0 un_mediation=0 mediator_leader=0 disputant_initiate=0 dependence_power=`depp
  > ow' dependence_duration=`depdur' dependence_biased=`depbias' powerratio_duration=`po
  > wdur' powerratio_biased=`powbias' biased_duration=`biasdur' x1x2x3d=`a123' x1x2x4=`a
  > 124' x1x3x4d=`a134' x2x3x4d=`a234' x1x2x3x4d=`a1234' dyadic_dependence=`x1' power_ra
  > tio=`x2' rivalry_duration=`x3' bias_mediator=`x4' directive_dependence=`ddep' direct
  > ive_powerratio=`dpow' directive_duration=`ddur' directive_biased=`dbias') level(95)
  > predict(pcond)
   22. }

Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =       1.016
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
```

```
                x1x3x4d         =           0
                x2x3x4d         =           0
                x1x2x3x4d       =           0
                lag_mediat~s    =    18.00926  (mean)
                bias_media~r    =           0
                med_experi~e    =           1
                exp_w_med       =           0
                un_mediation    =           0
                mediator_l~r    =           0
                disputant_~e    =           0
                rivalry_du~n    =           1
                power_ratio     =       1.016
                avg_severity    =    97.64086  (mean)
                dyadic_dep~e    =           0
                directive       =           1
                communicat~n    =    .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =    287.6157  (mean)
                total_maj_~y    =    .3935185  (mean)
                lag_direct~s    =     8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.3581481**	**.1543777**	**2.32**	**0.020**	**.0555734**	**.6607228**

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =           1
               directive_~d    =           1
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =       1.016
               powerratio~d    =       1.016
               biased_dur~n    =           1
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =       1.016
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           1
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.7340437**	**.2009592**	**3.65**	**0.000**	**.340171**	**1.127916**

```
34.
35.
36. ******** DYADIC DEPENDENCE
37. ******
38.
39. **** Varies values of DYADIC DEPENDENCE
40. forvalues x1=0(.005).055 {
    2.
41. local x3=0
    3. local x2=1.016
    4. local x4=0
    5. local ddep=`x1'
    6. local dpow=`x2'
    7. local ddur=`x3'
    8. local dbias=`x4'
    9. local deppow=`x1'*`x2'
   10. local depdur=`x1'*`x3'
   11. local depbias=`x1'*`x4'
   12. local powdur=`x2'*`x3'
   13. local powbias=`x2'*`x4'
   14. local biasdur=`x4'*`x3'
   15. local a123=`x1'*`x2'*`x3'
   16. local a124=`x1'*`x2'*`x4'
   17. local a134=`x1'*`x3'*`x4'
   18. local a234=`x2'*`x3'*`x4'
   19. local a1234=`x1'*`x2'*`x3'*`x4'
   20.
42. local dp=`x1'*`x2'
   21. margins, atmeans at(directive=1 lag_med=0 ongoing_dispute=0 med_experience=1 exp_
  > w_med=0 un_mediation=0 mediator_leader=0 disputant_initiate=0 dependence_power=`depp
  > ow' dependence_duration=`depdur' dependence_biased=`depbias' powerratio_duration=`po
  > wdur' powerratio_biased=`powbias' biased_duration=`biasdur' x1x2x3d=`a123' x1x2x4=`a
  > 124' x1x3x4d=`a134' x2x3x4d=`a234' x1x2x3x4d=`a1234' dyadic_dependence=`x1' power_ra
  > tio=`x2' rivalry_duration=`x3' bias_mediator=`x4' directive_dependence=`ddep' direct
  > ive_powerratio=`dpow' directive_duration=`ddur' directive_biased=`dbias') level(95)
  > predict(pcond)
   22. }

Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =       1.016
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926 (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           0
```

power_ratio = 1.016
avg_severity = 97.64086 (mean)
dyadic_dep~e = 0
directive = 1
communicat~n = .5324074 (mean)
ongoing_di~e = 0
max_power = 287.6157 (mean)
total_maj_~y = .3935185 (mean)
lag_direct~s = 8.12037 (mean)
lag_med = 0

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3577391	.1545572	2.31	0.021	.0548125	.6606657

Adjusted predictions Number of obs = 216
Model VCE : Robust

Expression : Pr(outcome2=1|mediation=1), predict(pcond)
at : directive_~e = .005
directive_~o = 1.016
directive_~n = 0
directive_~d = 0
dependence~r = .00508
dependence~n = 0
dependence~d = 0
powerratio~n = 0
powerratio~d = 0
biased_dur~n = 0
x1x2x3d = 0
x1x2x4 = 0
x1x3x4d = 0
x2x3x4d = 0
x1x2x3x4d = 0
lag_mediat~s = 18.00926 (mean)
bias_media~r = 0
med_experi~e = 1
exp_w_med = 0
un_mediation = 0
mediator_l~r = 0
disputant_~e = 0
rivalry_du~n = 0
power_ratio = 1.016
avg_severity = 97.64086 (mean)
dyadic_dep~e = .005
directive = 1
communicat~n = .5324074 (mean)
ongoing_di~e = 0
max_power = 287.6157 (mean)
total_maj_~y = .3935185 (mean)
lag_direct~s = 8.12037 (mean)
lag_med = 0

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4830973	.1680469	2.87	0.004	.1537313	.8124632

Adjusted predictions Number of obs = 216
Model VCE : Robust

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =          .01
               directive_~o    =        1.016
               directive_~n    =            0
               directive_~d    =            0
               dependence~r    =       .01016
               dependence~n    =            0
               dependence~d    =            0
               powerratio~n    =            0
               powerratio~d    =            0
               biased_dur~n    =            0
               x1x2x3d         =            0
               x1x2x4          =            0
               x1x3x4d         =            0
               x2x3x4d         =            0
               x1x2x3x4d       =            0
               lag_mediat~s    =     18.00926  (mean)
               bias_media~r    =            0
               med_experi~e    =            1
               exp_w_med       =            0
               un_mediation    =            0
               mediator_l~r    =            0
               disputant_~e    =            0
               rivalry_du~n    =            0
               power_ratio     =        1.016
               avg_severity    =     97.64086  (mean)
               dyadic_dep~e    =          .01
               directive       =            1
               communicat~n    =     .5324074  (mean)
               ongoing_di~e    =            0
               max_power       =     287.6157  (mean)
               total_maj_~y    =     .3935185  (mean)
               lag_direct~s    =      8.12037  (mean)
               lag_med         =            0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.6101324	.1946974	3.13	0.002	.2285325	.9917324

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =         .015
               directive_~o    =        1.016
               directive_~n    =            0
               directive_~d    =            0
               dependence~r    =       .01524
               dependence~n    =            0
               dependence~d    =            0
               powerratio~n    =            0
               powerratio~d    =            0
               biased_dur~n    =            0
               x1x2x3d         =            0
               x1x2x4          =            0
               x1x3x4d         =            0
               x2x3x4d         =            0
               x1x2x3x4d       =            0
               lag_mediat~s    =     18.00926  (mean)
               bias_media~r    =            0
               med_experi~e    =            1
               exp_w_med       =            0
               un_mediation    =            0
               mediator_l~r    =            0
               disputant_~e    =            0
               rivalry_du~n    =            0
               power_ratio     =        1.016
               avg_severity    =     97.64086  (mean)
               dyadic_dep~e    =         .015
```

```
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =   287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.7262878	.2133462	3.40	0.001	.3081369	1.144439

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =         .02
               directive_~o    =       1.016
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =      .02032
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =   18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           0
               power_ratio     =       1.016
               avg_severity    =   97.64086  (mean)
               dyadic_dep~e    =         .02
               directive       =           1
               communicat~n    =   .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =   287.6157  (mean)
               total_maj_~y    =   .3935185  (mean)
               lag_direct~s    =    8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.8221247	.2078904	3.95	0.000	.414667	1.229582

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =         .025
               directive_~o    =       1.016
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =       .0254
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           0
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =        .025
               directive       =           1
               communicat~n    =    .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157  (mean)
               total_maj_~y    =    .3935185  (mean)
               lag_direct~s    =     8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.8934828	.1778197	5.02	0.000	.5449626	1.242003

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =         .03
               directive_~o    =       1.016
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =      .03048
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           0
               power_ratio     =       1.016
               avg_severity    =    97.64086  (mean)
               dyadic_dep~e    =         .03
```

```
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =   287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.941435	.1337393	7.04	0.000	.6793109	1.203559

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =        .035
               directive_~o    =       1.016
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =      .03556
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =   18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           0
               power_ratio     =       1.016
               avg_severity    =   97.64086  (mean)
               dyadic_dep~e    =        .035
               directive       =           1
               communicat~n    =   .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =   287.6157  (mean)
               total_maj_~y    =   .3935185  (mean)
               lag_direct~s    =    8.12037  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.9705203	.0888304	10.93	0.000	.796416	1.144625

```
Adjusted predictions                              Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =          .04
               directive_~o    =        1.016
               directive_~n    =            0
               directive_~d    =            0
               dependence~r    =       .04064
               dependence~n    =            0
               dependence~d    =            0
               powerratio~n    =            0
               powerratio~d    =            0
               biased_dur~n    =            0
               x1x2x3d         =            0
               x1x2x4          =            0
               x1x3x4d         =            0
               x2x3x4d         =            0
               x1x2x3x4d       =            0
               lag_mediat~s    =     18.00926  (mean)
               bias_media~r    =            0
               med_experi~e    =            1
               exp_w_med       =            0
               un_mediation    =            0
               mediator_l~r    =            0
               disputant_~e    =            0
               rivalry_du~n    =            0
               power_ratio     =        1.016
               avg_severity    =     97.64086  (mean)
               dyadic_dep~e    =          .04
               directive       =            1
               communicat~n    =     .5324074  (mean)
               ongoing_di~e    =            0
               max_power       =     287.6157  (mean)
               total_maj_~y    =     .3935185  (mean)
               lag_direct~s    =      8.12037  (mean)
               lag_med         =            0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.9864455	.0523192	18.85	0.000	.8839016	1.088989

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =         .045
               directive_~o    =        1.016
               directive_~n    =            0
               directive_~d    =            0
               dependence~r    =       .04572
               dependence~n    =            0
               dependence~d    =            0
               powerratio~n    =            0
               powerratio~d    =            0
               biased_dur~n    =            0
               x1x2x3d         =            0
               x1x2x4          =            0
               x1x3x4d         =            0
               x2x3x4d         =            0
               x1x2x3x4d       =            0
               lag_mediat~s    =     18.00926  (mean)
               bias_media~r    =            0
               med_experi~e    =            1
               exp_w_med       =            0
               un_mediation    =            0
               mediator_l~r    =            0
               disputant_~e    =            0
               rivalry_du~n    =            0
               power_ratio     =        1.016
               avg_severity    =     97.64086  (mean)
               dyadic_dep~e    =         .045
```

```
                directive       =           1
                communicat~n    =   .5324074  (mean)
                ongoing_di~e    =           0
                max_power       =   287.6157  (mean)
                total_maj_~y    =   .3935185  (mean)
                lag_direct~s    =    8.12037  (mean)
                lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.9943175	.0274158	36.27	0.000	.9405835	1.048051

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =         .05
               directive_~o    =       1.016
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =       .0508
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =   18.00926  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           0
               power_ratio     =       1.016
               avg_severity    =   97.64086  (mean)
               dyadic_dep~e    =         .05
               directive       =           1
               communicat~n    =   .5324074  (mean)
               ongoing_di~e    =           0
               max_power       =   287.6157  (mean)
               total_maj_~y    =   .3935185  (mean)
               lag_direct~s    =    8.12037  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.9978309	.012815	77.86	0.000	.9727141	1.022948

```
Adjusted predictions                            Number of obs     =        216
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =        .055
               directive_~o    =       1.016
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =      .05588
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =    18.00926 (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           0
               power_ratio     =       1.016
               avg_severity    =    97.64086 (mean)
               dyadic_dep~e    =        .055
               directive       =           1
               communicat~n    =    .5324074 (mean)
               ongoing_di~e    =           0
               max_power       =    287.6157 (mean)
               total_maj_~y    =    .3935185 (mean)
               lag_direct~s    =     8.12037 (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.999247	.0053544	186.62	0.000	.9887526	1.009741

```
43.
44.
45.
46.
47. ****************
48. ****************
49. *** GENERAL RIVALRY ANALYSIS
50. use "C:\Dropbox\Sync folders\Synchronization Files\Research\directive mediation\dire
  > ct mediation-ii-revision\replication data-general rivalries.dta", clear

51. heckprobit outcome2 directive_dependence directive_powerratio directive_duration dir
  > ective_biased dependence_power dependence_duration dependence_biased powerratio_dura
  > tion powerratio_biased biased_duration x1x2x3d x1x2x4 x1x3x4d x2x3x4d x1x2x3x4d lag_
  > mediation_mos bias_mediator med_experience exp_w_med un_mediation mediator_leader di
  > sputant_initiate rivalry_duration power_ratio avg_severity dyadic_dependence directi
  > ve communication, sel(mediation=avg_severity ongoing_dispute power_ratio max_power t
  > otal_maj_ally lag_directive_mos lag_mediation_mos rivalry_duration dyadic_dependence
  >  lag_med) cluster(rivalry)

  Fitting probit model:

  Iteration 0:   log pseudolikelihood = -258.47631
  Iteration 1:   log pseudolikelihood = -224.78641
  Iteration 2:   log pseudolikelihood = -223.28277
  Iteration 3:   log pseudolikelihood = -222.95265
  Iteration 4:   log pseudolikelihood = -222.94921
  Iteration 5:   log pseudolikelihood = -222.94921

  Fitting selection model:
```

```
Iteration 0:   log pseudolikelihood = -2090.2829
Iteration 1:   log pseudolikelihood = -1335.9673
Iteration 2:   log pseudolikelihood = -1255.4606
Iteration 3:   log pseudolikelihood = -1251.5938
Iteration 4:   log pseudolikelihood = -1251.5846
Iteration 5:   log pseudolikelihood = -1251.5846

Fitting starting values:

Iteration 0:   log pseudolikelihood = -259.93019
Iteration 1:   log pseudolikelihood = -222.29346
Iteration 2:   log pseudolikelihood = -220.59845
Iteration 3:   log pseudolikelihood = -220.19644
Iteration 4:   log pseudolikelihood = -220.19263
Iteration 5:   log pseudolikelihood = -220.19263

Fitting full model:

Iteration 0:   log pseudolikelihood = -1471.7194
Iteration 1:   log pseudolikelihood = -1471.6997
Iteration 2:   log pseudolikelihood = -1471.6997

Probit model with sample selection              Number of obs     =     36,540
                                                      Selected    =        375
                                                      Nonselected =     36,165

                                                Wald chi2(27)     =          .
Log pseudolikelihood =   -1471.7                Prob > chi2       =          .

                                (Std. Err. adjusted for 195 clusters in rivalry)
```

	Coef.	Robust Std. Err.	z	P>|z|	[95% Conf.	Interval]
outcome2						
directive_depen~e	6.943042	6.410027	1.08	0.279	-5.620379	19.50646
directive_power~o	-.0202947	.0061875	-3.28	0.001	-.0324219	-.0081675
directive_durat~n	-.0010289	.0008781	-1.17	0.241	-.00275	.0006922
directive_biased	.7973227	.3505825	2.27	0.023	.1101935	1.484452
dependence_power	.2423369	.2714023	0.89	0.372	-.2896018	.7742755
dependence_dura~n	-.0674562	.0260665	-2.59	0.010	-.1185455	-.0163669
dependence_biased	-66.6405	42.93487	-1.55	0.121	-150.7913	17.5103
powerratio_dura~n	-.0003159	.0002315	-1.36	0.173	-.0007697	.0001379
powerratio_biased	-.107043	.0528591	-2.03	0.043	-.2106451	-.003441
biased_duration	-.0047848	.0016892	-2.83	0.005	-.0080957	-.001474
x1x2x3d	.0091035	.0072704	1.25	0.211	-.0051463	.0233533
x1x2x4	6.125306	2.021618	3.03	0.002	2.163008	10.0876
x1x3x4d	.1873563	.259414	0.72	0.470	-.3210857	.6957984
x2x3x4d	.0005737	.000284	2.02	0.043	.0000171	.0011302
x1x2x3x4d	-.023501	.0099187	-2.37	0.018	-.0429413	-.0040606
lag_mediation_mos	-.0190884	.0033881	-5.63	0.000	-.0257289	-.0124479
bias_mediator	.3083607	.5129377	0.60	0.548	-.6969788	1.3137
med_experience	.1818359	.1885076	0.96	0.335	-.1876321	.5513039
exp_w_med	.3083607	.2372678	1.30	0.194	-.1566757	.773397
un_mediation	-.3461655	.2096813	-1.65	0.099	-.7571333	.0648023
mediator_leader	.1296093	.2788532	0.46	0.642	-.4169329	.6761515
disputant_initi~e	.1276916	.2039635	0.63	0.531	-.2720695	.5274526
rivalry_duration	.0021547	.0009656	2.23	0.026	.0002621	.0040472
power_ratio	-.0014931	.013851	-0.11	0.914	-.0286406	.0256544
avg_severity	-.0008439	.0027713	-0.30	0.761	-.0062755	.0045878
dyadic_dependence	-10.12123	5.666523	-1.79	0.074	-21.22741	.9849524
directive	.0256854	.3154833	0.08	0.935	-.5926505	.6440213
communication	-.4619408	.1298284	-3.56	0.000	-.7163998	-.2074818
_cons	.9959355	.4970818	2.00	0.045	.0216731	1.970198
mediation						
avg_severity	.0054241	.0013903	3.90	0.000	.0026991	.0081491
ongoing_dispute	.7091857	.0716743	9.89	0.000	.5687067	.8496647
power_ratio	.0008291	.0017801	0.47	0.641	-.0026599	.0043181
max_power	-.0001667	.0000749	-2.23	0.026	-.0003135	-.0000199
total_maj_ally	-.0550578	.0531047	-1.04	0.300	-.1591411	.0490255
lag_directive_mos	-.0334671	.0126456	-2.65	0.008	-.0582521	-.0086821

lag_mediation_mos	.0383771	.0087581	4.38	0.000	.0212116	.0555427
rivalry_duration	-.0000108	.0004274	-0.03	0.980	-.0008485	.0008268
dyadic_dependence	4.282336	1.159508	3.69	0.000	2.009743	6.554929
lag_med	1.862427	.1157013	16.10	0.000	1.635657	2.089198
_cons	-3.299953	.1295948	-25.46	0.000	-3.553954	-3.045952
/athrho	-.2326665	.1004285	-2.32	0.021	-.4295028	-.0358302
rho	-.2285571	.0951823			-.4049057	-.0358149

Wald test of indep. eqns. (rho = 0): chi2(**1**) = **5.37** Prob > chi2 = **0.0205**

```
52.
53. ****** Marginal Effects - General Rivalries
54. ******** POWER RATIO
55. ******
56. ******
57. **** Varies values of POWER RATIO
58. forvalues x2=1/30 {
    2.
59. local x1=0
    3. local x3=1
    4. local x4=0
    5. local ddep=`x1'
    6. local dpow=`x2'
    7. local ddur=`x3'
    8. local dbias=`x4'
    9. local deppow=`x1'*`x2'
   10. local depdur=`x1'*`x3'
   11. local depbias=`x1'*`x4'
   12. local powdur=`x2'*`x3'
   13. local powbias=`x2'*`x4'
   14. local biasdur=`x4'*`x3'
   15. local a123=`x1'*`x2'*`x3'
   16. local a124=`x1'*`x2'*`x4'
   17. local a134=`x1'*`x3'*`x4'
   18. local a234=`x2'*`x3'*`x4'
   19. local a1234=`x1'*`x2'*`x3'*`x4'
   20.
60. local dp=`x1'*`x2'
   21. margins, atmeans at(directive=1 lag_med=0 ongoing_dispute=0 med_experience=1 exp_
  > w_med=0 un_mediation=0 mediator_leader=0 disputant_initiate=0 communication=0 depend
  > ence_power=`deppow' dependence_duration=`depdur' dependence_biased=`depbias' powerra
  > tio_duration=`powdur' powerratio_biased=`powbias' biased_duration=`biasdur' x1x2x3d=
  > `a123' x1x2x4=`a124' x1x3x4d=`a134' x2x3x4d=`a234' x1x2x3x4d=`a1234' dyadic_dependen
  > ce=`x1' power_ratio=`x2' rivalry_duration=`x3' bias_mediator=`x4' directive_dependen
  > ce=`ddep' directive_powerratio=`dpow' directive_duration=`ddur' directive_biased=`db
  > ias') level(95) predict(pcond)
   22. }

Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           1
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
```

```
                exp_w_med       =           0
                un_mediation    =           0
                mediator_l~r    =           0
                disputant_~e    =           0
                rivalry_du~n    =           1
                power_ratio     =           1
                avg_severity    =    89.05751  (mean)
                dyadic_dep~e    =           0
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Delta-method					
	Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.5522527**	**.1206131**	**4.58**	**0.000**	**.3158555**	**.7886499**

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           2
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           2
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           2
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Delta-method					
	Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.5433519**	**.1202253**	**4.52**	**0.000**	**.3077147**	**.7789892**

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           3
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           3
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           3
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5344294	.1200305	4.45	0.000	.2991739	.7696849

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           4
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           4
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           4
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5254894	.1200338	4.38	0.000	.2902275	.7607513

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           5
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           5
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           5
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5165366	.1202376	4.30	0.000	.2808752	.7521979

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           6
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           6
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           6
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5075754	.1206423	4.21	0.000	.2711209	.7440299

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           7
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           7
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           7
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4986104	.1212456	4.11	0.000	.2609734	.7362474

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           8
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           8
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           8
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.489646	.1220431	4.01	0.000	.250446	.7288461

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           9
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           9
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           9
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4806869	.1230281	3.91	0.000	.2395562	.7218175

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          10
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          10
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          10
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4717374	.124192	3.80	0.000	.2283256	.7151492

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          11
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          11
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          11
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4628022	.1255243	3.69	0.000	.2167791	.7088254

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          12
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          12
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          12
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4538858	.1270131	3.57	0.000	.2049446	.7028269

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          13
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          13
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          13
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4449924	.1286453	3.46	0.001	.1928522	.6971326

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          14
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          14
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          14
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4361267	.1304067	3.34	0.001	.1805342	.6917192

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          15
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          15
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          15
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4272929	.1322826	3.23	0.001	.1680237	.686562

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          16
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          16
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          16
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4184954	.1342577	3.12	0.002	.1553551	.6816356

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          17
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          17
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          17
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4097384	.1363165	3.01	0.003	.142563	.6769139

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          18
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          18
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          18
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.4010263	.1384436	2.90	0.004	.1296818	.6723707

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          19
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          19
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          19
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.392363	.1406236	2.79	0.005	.1167458	.6679803

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          20
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          20
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          20
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3837528	.1428416	2.69	0.007	.1037884	.6637172

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          21
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          21
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          21
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3751996	.1450828	2.59	0.010	.0908425	.6595566

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          22
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          22
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          22
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3667072	.1473332	2.49	0.013	.0779394	.655475

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          23
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          23
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          23
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3582796	.1495792	2.40	0.017	.0651097	.6514495

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          24
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          24
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          24
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3499205	.1518079	2.31	0.021	.0523824	.6474586

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          25
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          25
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          25
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3416334	.1540071	2.22	0.027	.0397851	.6434817

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          26
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          26
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          26
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.333422	.1561651	2.14	0.033	.0273441	.6394999

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          27
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          27
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          27
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3252896	.158271	2.06	0.040	.0150842	.635495

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          28
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          28
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          28
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3172396	.1603146	1.98	0.048	.0030287	.6314505

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          29
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          29
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          29
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3092751	.1622866	1.91	0.057	-.0088009	.627351

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =          30
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          30
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17 (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =          30
               avg_severity    =    89.05751 (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92 (mean)
               total_maj_~y    =    .4053333 (mean)
               lag_direct~s    =        8.08 (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.3013992	.1641781	1.84	0.066	-.020384	.6231823

```
61.
62.
63. ******** RIVALRY DURATION
64. ******
65. ******
66. **** Varies values of RIVALRY DURATION
67. forvalues x3=1(24)361 {
    2.
68. local x1=0
    3. local x2=1
    4. local x4=0
    5. local ddep=`x1'
    6. local dpow=`x2'
    7. local ddur=`x3'
    8. local dbias=`x4'
    9. local deppow=`x1'*`x2'
   10. local depdur=`x1'*`x3'
   11. local depbias=`x1'*`x4'
   12. local powdur=`x2'*`x3'
   13. local powbias=`x2'*`x4'
   14. local biasdur=`x4'*`x3'
   15. local a123=`x1'*`x2'*`x3'
   16. local a124=`x1'*`x2'*`x4'
   17. local a134=`x1'*`x3'*`x4'
   18. local a234=`x2'*`x3'*`x4'
   19. local a1234=`x1'*`x2'*`x3'*`x4'
   20.
```

```
69. local dp=`x1'*`x2'
   21. margins, atmeans at(directive=1 lag_med=0 ongoing_dispute=0 med_experience=1 exp_
  > w_med=0 un_mediation=0 mediator_leader=0 disputant_initiate=0 communication=0 depend
  > ence_power=`deppow' dependence_duration=`depdur' dependence_biased=`depbias' powerra
  > tio_duration=`powdur' powerratio_biased=`powbias' biased_duration=`biasdur' x1x2x3d=
  > `a123' x1x2x4=`a124' x1x3x4d=`a134' x2x3x4d=`a234' x1x2x3x4d=`a1234' dyadic_dependen
  > ce=`x1' power_ratio=`x2' rivalry_duration=`x3' bias_mediator=`x4' directive_dependen
  > ce=`ddep' directive_powerratio=`dpow' directive_duration=`ddur' directive_biased=`db
  > ias') level(95) predict(pcond)
   22. }

Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           1
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       _cons |   .5522527   .1206131     4.58   0.000     .3158555    .7886499
------------------------------------------------------------------------------

Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =          25
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          25
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
```

```
                x1x3x4d         =           0
                x2x3x4d         =           0
                x1x2x3x4d       =           0
                lag_mediat~s    =          17  (mean)
                bias_media~r    =           0
                med_experi~e    =           1
                exp_w_med       =           0
                un_mediation    =           0
                mediator_l~r    =           0
                disputant_~e    =           0
                rivalry_du~n    =          25
                power_ratio     =           1
                avg_severity    =    89.05751  (mean)
                dyadic_dep~e    =           0
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5600978	.117361	4.77	0.000	.3300746	.7901211

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =          49
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =          49
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =          49
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.5679194**	**.1145176**	**4.96**	**0.000**	**.3434689**	**.7923699**

Adjusted predictions Number of obs = **375**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **0**
directive_~o = **1**
directive_~n = **73**
directive_~d = **0**
dependence~r = **0**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **73**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **17** (mean)
bias_media~r = **0**
med_experi~e = **1**
exp_w_med = **0**
un_mediation = **0**
mediator_l~r = **0**
disputant_~e = **0**
rivalry_du~n = **73**
power_ratio = **1**
avg_severity = **89.05751** (mean)
dyadic_dep~e = **0**
directive = **1**
communicat~n = **0**
ongoing_di~e = **0**
max_power = **536.92** (mean)
total_maj_~y = **.4053333** (mean)
lag_direct~s = **8.08** (mean)
lag_med = **0**

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.5757144**	**.1121108**	**5.14**	**0.000**	**.3559813**	**.7954476**

Adjusted predictions Number of obs = **375**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **0**
directive_~o = **1**
directive_~n = **97**
directive_~d = **0**
dependence~r = **0**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **97**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **17** (mean)

bias_media~r	=	0	
med_experi~e	=	1	
exp_w_med	=	0	
un_mediation	=	0	
mediator_l~r	=	0	
disputant_~e	=	0	
rivalry_du~n	=	97	
power_ratio	=	1	
avg_severity	=	89.05751	(mean)
dyadic_dep~e	=	0	
directive	=	1	
communicat~n	=	0	
ongoing_di~e	=	0	
max_power	=	536.92	(mean)
total_maj_~y	=	.4053333	(mean)
lag_direct~s	=	8.08	(mean)
lag_med	=	0	

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5834799	.1101633	5.30	0.000	.3675639	.799396

Adjusted predictions Number of obs = 375
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = 0
directive_~o = 1
directive_~n = 121
directive_~d = 0
dependence~r = 0
dependence~n = 0
dependence~d = 0
powerratio~n = 121
powerratio~d = 0
biased_dur~n = 0
x1x2x3d = 0
x1x2x4 = 0
x1x3x4d = 0
x2x3x4d = 0
x1x2x3x4d = 0
lag_mediat~s = 17 (mean)
bias_media~r = 0
med_experi~e = 1
exp_w_med = 0
un_mediation = 0
mediator_l~r = 0
disputant_~e = 0
rivalry_du~n = 121
power_ratio = 1
avg_severity = 89.05751 (mean)
dyadic_dep~e = 0
directive = 1
communicat~n = 0
ongoing_di~e = 0
max_power = 536.92 (mean)
total_maj_~y = .4053333 (mean)
lag_direct~s = 8.08 (mean)
lag_med = 0

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.591213	.1086913	5.44	0.000	.3781819	.8042441

Adjusted predictions Number of obs = **375**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **0**
directive_~o = **1**
directive_~n = **145**
directive_~d = **0**
dependence~r = **0**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **145**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **17** (mean)
bias_media~r = **0**
med_experi~e = **1**
exp_w_med = **0**
un_mediation = **0**
mediator_l~r = **0**
disputant_~e = **0**
rivalry_du~n = **145**
power_ratio = **1**
avg_severity = **89.05751** (mean)
dyadic_dep~e = **0**
directive = **1**
communicat~n = **0**
ongoing_di~e = **0**
max_power = **536.92** (mean)
total_maj_~y = **.4053333** (mean)
lag_direct~s = **8.08** (mean)
lag_med = **0**

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.5989106**	**.1077039**	**5.56**	**0.000**	**.3878149**	**.8100064**

Adjusted predictions Number of obs = **375**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **0**
directive_~o = **1**
directive_~n = **169**
directive_~d = **0**
dependence~r = **0**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **169**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **17** (mean)
bias_media~r = **0**
med_experi~e = **1**
exp_w_med = **0**
un_mediation = **0**
mediator_l~r = **0**
disputant_~e = **0**
rivalry_du~n = **169**

power_ratio = 1
avg_severity = 89.05751 (mean)
dyadic_dep~e = 0
directive = 1
communicat~n = 0
ongoing_di~e = 0
max_power = 536.92 (mean)
total_maj_~y = .4053333 (mean)
lag_direct~s = 8.08 (mean)
lag_med = 0

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.6065701	.1072013	5.66	0.000	.3964593	.8166808

Adjusted predictions Number of obs = 375
Model VCE : Robust

Expression : Pr(outcome2=1|mediation=1), predict(pcond)
at : directive_~e = 0
directive_~o = 1
directive_~n = 193
directive_~d = 0
dependence~r = 0
dependence~n = 0
dependence~d = 0
powerratio~n = 193
powerratio~d = 0
biased_dur~n = 0
x1x2x3d = 0
x1x2x4 = 0
x1x3x4d = 0
x2x3x4d = 0
x1x2x3x4d = 0
lag_mediat~s = 17 (mean)
bias_media~r = 0
med_experi~e = 1
exp_w_med = 0
un_mediation = 0
mediator_l~r = 0
disputant_~e = 0
rivalry_du~n = 193
power_ratio = 1
avg_severity = 89.05751 (mean)
dyadic_dep~e = 0
directive = 1
communicat~n = 0
ongoing_di~e = 0
max_power = 536.92 (mean)
total_maj_~y = .4053333 (mean)
lag_direct~s = 8.08 (mean)
lag_med = 0

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.6141884	.1071754	5.73	0.000	.4041285	.8242484

Adjusted predictions Number of obs = 375
Model VCE : Robust

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =         217
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =         217
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         217
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.621763	.1076094	5.78	0.000	.4108525	.8326735

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =         241
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =         241
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         241
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.629291	.1084791	5.80	0.000	.416676	.8419061

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =         265
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =         265
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         265
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.6367699	.1097539	5.80	0.000	.4216563	.8518835

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =         289
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =         289
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         289
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.6441969	.1113984	5.78	0.000	.42586	.8625338

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =         313
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =         313
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         313
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
```

```
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.6515696	.1133743	5.75	0.000	.4293601	.8737791

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =         337
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =         337
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         337
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.6588854	.1156412	5.70	0.000	.4322329	.8855379

```
Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =         361
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =         361
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =         361
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.666142	.1181587	5.64	0.000	.4345552	.8977287

```
70.
71.
72.
73. ******** MEDIATOR BIAS
74. ******
75. ******
76. *** Sets value for DIRECTIVE variable: Loops through non-directive mediation, then d
  > irective mediation
77.
78.
79. **** Varies values of MEDIATOR BIAS
80. forvalues x4=0/1 {
    2.
81. local x1=0
    3. local x2=1
    4. local x3=1
    5. local ddep=`x1'
    6. local dpow=`x2'
    7. local ddur=`x3'
    8. local dbias=`x4'
    9. local deppow=`x1'*`x2'
   10. local depdur=`x1'*`x3'
   11. local depbias=`x1'*`x4'
   12. local powdur=`x2'*`x3'
   13. local powbias=`x2'*`x4'
   14. local biasdur=`x4'*`x3'
   15. local a123=`x1'*`x2'*`x3'
   16. local a124=`x1'*`x2'*`x4'
   17. local a134=`x1'*`x3'*`x4'
   18. local a234=`x2'*`x3'*`x4'
```

```
  19. local a1234=`x1'*`x2'*`x3'*`x4'
  20.
82. local dp=`x1'*`x2'
  21. margins, atmeans at(directive=1 lag_med=0 ongoing_dispute=0 med_experience=1 exp_
> w_med=0 un_mediation=0 mediator_leader=0 disputant_initiate=0 communication=0 depend
> ence_power=`deppow' dependence_duration=`depdur' dependence_biased=`depbias' powerra
> tio_duration=`powdur' powerratio_biased=`powbias' biased_duration=`biasdur' x1x2x3d=
> `a123' x1x2x4=`a124' x1x3x4d=`a134' x2x3x4d=`a234' x1x2x3x4d=`a1234' dyadic_dependen
> ce=`x1' power_ratio=`x2' rivalry_duration=`x3' bias_mediator=`x4' directive_dependen
> ce=`ddep' directive_powerratio=`dpow' directive_duration=`ddur' directive_biased=`db
> ias') level(95) predict(pcond)
  22. }

Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =           1
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           1
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       _cons |   .5522527   .1206131     4.58   0.000     .3158555    .7886499
------------------------------------------------------------------------------

Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust
```

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =           1
               directive_~d    =           1
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           1
               powerratio~d    =           1
               biased_dur~n    =           1
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           1
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           1
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           1
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.8749836	.0898282	9.74	0.000	.6989235	1.051044

```
83.
84.
85. ******** DYADIC DEPENDENCE
86. ******
87. ******
88. *** Sets value for DIRECTIVE variable: Loops through non-directive mediation, then d
  > irective mediation
89.
90. **** Varies values of DYADIC DEPENDENCE
91. forvalues x1=0(.005).055 {
    2.
92. local x3=0
    3. local x2=1
    4. local x4=0
    5. local ddep=`x1'
    6. local dpow=`x2'
    7. local ddur=`x3'
    8. local dbias=`x4'
    9. local deppow=`x1'*`x2'
   10. local depdur=`x1'*`x3'
   11. local depbias=`x1'*`x4'
   12. local powdur=`x2'*`x3'
   13. local powbias=`x2'*`x4'
   14. local biasdur=`x4'*`x3'
   15. local a123=`x1'*`x2'*`x3'
   16. local a124=`x1'*`x2'*`x4'
   17. local a134=`x1'*`x3'*`x4'
   18. local a234=`x2'*`x3'*`x4'
   19. local a1234=`x1'*`x2'*`x3'*`x4'
   20.
```

```
93. local dp=`x1'*`x2'
   21. margins, atmeans at(directive=1 lag_med=0 ongoing_dispute=0 med_experience=1 exp_
  > w_med=0 un_mediation=0 mediator_leader=0 disputant_initiate=0 communication=0 depend
  > ence_power=`deppow' dependence_duration=`depdur' dependence_biased=`depbias' powerra
  > tio_duration=`powdur' powerratio_biased=`powbias' biased_duration=`biasdur' x1x2x3d=
  > `a123' x1x2x4=`a124' x1x3x4d=`a134' x2x3x4d=`a234' x1x2x3x4d=`a1234' dyadic_dependen
  > ce=`x1' power_ratio=`x2' rivalry_duration=`x3' bias_mediator=`x4' directive_dependen
  > ce=`ddep' directive_powerratio=`dpow' directive_duration=`ddur' directive_biased=`db
  > ias') level(95) predict(pcond)
   22. }

Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =           0
               directive_~o    =           1
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =           0
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           0
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =           0
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       _cons |   .5519254    .120757     4.57   0.000      .315246    .7886047
------------------------------------------------------------------------------

Adjusted predictions                              Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =        .005
               directive_~o    =           1
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =        .005
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
```

```
                x1x3x4d         =           0
                x2x3x4d         =           0
                x1x2x3x4d       =           0
                lag_mediat~s    =          17  (mean)
                bias_media~r    =           0
                med_experi~e    =           1
                exp_w_med       =           0
                un_mediation    =           0
                mediator_l~r    =           0
                disputant_~e    =           0
                rivalry_du~n    =           0
                power_ratio     =           1
                avg_severity    =    89.05751  (mean)
                dyadic_dep~e    =        .005
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.547782	.118843	4.61	0.000	.3148539	.78071

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =         .01
               directive_~o    =           1
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =         .01
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           0
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =         .01
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.5436318**	**.117004**	**4.65**	**0.000**	**.3143082**	**.7729553**

Adjusted predictions Number of obs = **375**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **.015**
directive_~o = **1**
directive_~n = **0**
directive_~d = **0**
dependence~r = **.015**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **0**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **17** (mean)
bias_media~r = **0**
med_experi~e = **1**
exp_w_med = **0**
un_mediation = **0**
mediator_l~r = **0**
disputant_~e = **0**
rivalry_du~n = **0**
power_ratio = **1**
avg_severity = **89.05751** (mean)
dyadic_dep~e = **.015**
directive = **1**
communicat~n = **0**
ongoing_di~e = **0**
max_power = **536.92** (mean)
total_maj_~y = **.4053333** (mean)
lag_direct~s = **8.08** (mean)
lag_med = **0**

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.5394752**	**.1152454**	**4.68**	**0.000**	**.3135983**	**.765352**

Adjusted predictions Number of obs = **375**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **.02**
directive_~o = **1**
directive_~n = **0**
directive_~d = **0**
dependence~r = **.02**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **0**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **17** (mean)

bias_media~r	=	0	
med_experi~e	=	1	
exp_w_med	=	0	
un_mediation	=	0	
mediator_l~r	=	0	
disputant_~e	=	0	
rivalry_du~n	=	0	
power_ratio	=	1	
avg_severity	=	89.05751	(mean)
dyadic_dep~e	=	.02	
directive	=	1	
communicat~n	=	0	
ongoing_di~e	=	0	
max_power	=	536.92	(mean)
total_maj_~y	=	.4053333	(mean)
lag_direct~s	=	8.08	(mean)
lag_med	=	0	

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5353126	.113573	4.71	0.000	.3127136	.7579116

Adjusted predictions Number of obs = 375
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**

at : directive_~e	=	.025	
directive_~o	=	1	
directive_~n	=	0	
directive_~d	=	0	
dependence~r	=	.025	
dependence~n	=	0	
dependence~d	=	0	
powerratio~n	=	0	
powerratio~d	=	0	
biased_dur~n	=	0	
x1x2x3d	=	0	
x1x2x4	=	0	
x1x3x4d	=	0	
x2x3x4d	=	0	
x1x2x3x4d	=	0	
lag_mediat~s	=	17	(mean)
bias_media~r	=	0	
med_experi~e	=	1	
exp_w_med	=	0	
un_mediation	=	0	
mediator_l~r	=	0	
disputant_~e	=	0	
rivalry_du~n	=	0	
power_ratio	=	1	
avg_severity	=	89.05751	(mean)
dyadic_dep~e	=	.025	
directive	=	1	
communicat~n	=	0	
ongoing_di~e	=	0	
max_power	=	536.92	(mean)
total_maj_~y	=	.4053333	(mean)
lag_direct~s	=	8.08	(mean)
lag_med	=	0	

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5311445	.1119925	4.74	0.000	.3116432	.7506458

Adjusted predictions Number of obs = **375**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **.03**
directive_~o = **1**
directive_~n = **0**
directive_~d = **0**
dependence~r = **.03**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **0**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **17** (mean)
bias_media~r = **0**
med_experi~e = **1**
exp_w_med = **0**
un_mediation = **0**
mediator_l~r = **0**
disputant_~e = **0**
rivalry_du~n = **0**
power_ratio = **1**
avg_severity = **89.05751** (mean)
dyadic_dep~e = **.03**
directive = **1**
communicat~n = **0**
ongoing_di~e = **0**
max_power = **536.92** (mean)
total_maj_~y = **.4053333** (mean)
lag_direct~s = **8.08** (mean)
lag_med = **0**

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	**.5269713**	**.1105094**	**4.77**	**0.000**	**.3103768**	**.7435657**

Adjusted predictions Number of obs = **375**
Model VCE : **Robust**

Expression : **Pr(outcome2=1|mediation=1), predict(pcond)**
at : directive_~e = **.035**
directive_~o = **1**
directive_~n = **0**
directive_~d = **0**
dependence~r = **.035**
dependence~n = **0**
dependence~d = **0**
powerratio~n = **0**
powerratio~d = **0**
biased_dur~n = **0**
x1x2x3d = **0**
x1x2x4 = **0**
x1x3x4d = **0**
x2x3x4d = **0**
x1x2x3x4d = **0**
lag_mediat~s = **17** (mean)
bias_media~r = **0**
med_experi~e = **1**
exp_w_med = **0**
un_mediation = **0**
mediator_l~r = **0**
disputant_~e = **0**
rivalry_du~n = **0**

power_ratio = 1
avg_severity = 89.05751 (mean)
dyadic_dep~e = .035
directive = 1
communicat~n = 0
ongoing_di~e = 0
max_power = 536.92 (mean)
total_maj_~y = .4053333 (mean)
lag_direct~s = 8.08 (mean)
lag_med = 0

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5227934	.1091293	4.79	0.000	.3089039	.7366828

Adjusted predictions Number of obs = 375
Model VCE : Robust

Expression : Pr(outcome2=1|mediation=1), predict(pcond)
at : directive_~e = .04
directive_~o = 1
directive_~n = 0
directive_~d = 0
dependence~r = .04
dependence~n = 0
dependence~d = 0
powerratio~n = 0
powerratio~d = 0
biased_dur~n = 0
x1x2x3d = 0
x1x2x4 = 0
x1x3x4d = 0
x2x3x4d = 0
x1x2x3x4d = 0
lag_mediat~s = 17 (mean)
bias_media~r = 0
med_experi~e = 1
exp_w_med = 0
un_mediation = 0
mediator_l~r = 0
disputant_~e = 0
rivalry_du~n = 0
power_ratio = 1
avg_severity = 89.05751 (mean)
dyadic_dep~e = .04
directive = 1
communicat~n = 0
ongoing_di~e = 0
max_power = 536.92 (mean)
total_maj_~y = .4053333 (mean)
lag_direct~s = 8.08 (mean)
lag_med = 0

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5186112	.1078573	4.81	0.000	.3072148	.7300076

Adjusted predictions Number of obs = 375
Model VCE : Robust

```
Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =        .045
               directive_~o    =           1
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =        .045
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           0
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =        .045
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Delta-method Margin	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5144252	.1066986	4.82	0.000	.3052998	.7235507

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =         .05
               directive_~o    =           1
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =         .05
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           0
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =         .05
```

```
                directive       =           1
                communicat~n    =           0
                ongoing_di~e    =           0
                max_power       =      536.92  (mean)
                total_maj_~y    =    .4053333  (mean)
                lag_direct~s    =        8.08  (mean)
                lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5102359	.105658	4.83	0.000	.30315	.7173217

```
Adjusted predictions                            Number of obs     =        375
Model VCE    : Robust

Expression   : Pr(outcome2=1|mediation=1), predict(pcond)
at           : directive_~e    =        .055
               directive_~o    =           1
               directive_~n    =           0
               directive_~d    =           0
               dependence~r    =        .055
               dependence~n    =           0
               dependence~d    =           0
               powerratio~n    =           0
               powerratio~d    =           0
               biased_dur~n    =           0
               x1x2x3d         =           0
               x1x2x4          =           0
               x1x3x4d         =           0
               x2x3x4d         =           0
               x1x2x3x4d       =           0
               lag_mediat~s    =          17  (mean)
               bias_media~r    =           0
               med_experi~e    =           1
               exp_w_med       =           0
               un_mediation    =           0
               mediator_l~r    =           0
               disputant_~e    =           0
               rivalry_du~n    =           0
               power_ratio     =           1
               avg_severity    =    89.05751  (mean)
               dyadic_dep~e    =        .055
               directive       =           1
               communicat~n    =           0
               ongoing_di~e    =           0
               max_power       =      536.92  (mean)
               total_maj_~y    =    .4053333  (mean)
               lag_direct~s    =        8.08  (mean)
               lag_med         =           0
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
_cons	.5060436	.1047398	4.83	0.000	.3007574	.7113297

```
94.
95.
96. log close
       name:  <unnamed>
        log:  C:\Dropbox\Sync folders\Synchronization Files\Research\directive mediatio
> n\direct mediation-ii-revision\lee greig replication results.smcl
  log type:  smcl
 closed on:  16 Apr 2019, 18:50:23
```