```
      name:  <unnamed>
       log:  \\smb-isl01.fsu.edu\citrix\shsu\Desktop\2025_06_18_log5.smcl
  log type:  smcl
 opened on:  18 Jun 2025, 12:16:36

. use "\\smb-isl01.fsu.edu\citrix\shsu\Desktop\animal products data 06_18_2025_d
> ropped0s.dta"

. local allvars1 married female white black kids bachelors highered income lninc
> ome democrat republican enviro religion vegetarian efficient meatpurchases_nev
> er meatpurchases_seldom meatpurchases_never_seldom work_retired work_fulltime
> work_parttime_other work_notwork workinag nearfarm area_rural area_rural_small
>  area_small area_urban area_suburban area_urban_suburban groceries_always groc
> eries_often lean_conserv lean_very_conserv lean_progr lean_very_progr lean_mid
> dle vote_trump vote_biden enviro_group facfarm_neutral facfarm_effic facfarm_u
> nethical anwelfare_neutral anwelfare_someagree anwelfare_somedisagree anwelfar
> e_strongagree anwelfare_strongdisagree

. foreach i of varlist $allvars1 {
  2. quietly summarize `i'
  3. scalar `i'_mn = r(mean)
  4. }
varlist required
r(100);

. global allvars1 married female white black kids bachelors highered income lnin
> come democrat republican enviro religion vegetarian efficient meatpurchases_ne
> ver meatpurchases_seldom meatpurchases_never_seldom work_retired work_fulltime
>  work_parttime_other work_notwork workinag nearfarm area_rural area_rural_smal
> l area_small area_urban area_suburban area_urban_suburban groceries_always gro
> ceries_often lean_conserv lean_very_conserv lean_progr lean_very_progr lean_mi
> ddle vote_trump vote_biden enviro_group facfarm_neutral facfarm_effic facfarm_
> unethical anwelfare_neutral anwelfare_someagree anwelfare_somedisagree anwelfa
> re_strongagree anwelfare_strongdisagree

. foreach i of varlist $allvars1 {
  2. quietly summarize `i'
  3. scalar `i'_mn = r(mean)
  4. }
variable enviro_group not found
r(111);

. global allvars1 married female white black kids bachelors highered income lnin
> come democrat republican enviro religion vegetarian efficient meatpurchases_ne
> ver meatpurchases_seldom meatpurchases_never_seldom work_retired work_fulltime
>  work_parttime_other work_notwork workinag nearfarm area_rural area_rural_smal
> l area_small area_urban area_suburban area_urban_suburban groceries_always gro
> ceries_often lean_conserv lean_very_conserv lean_progr lean_very_progr lean_mi
> ddle vote_trump vote_biden envir_group facfarm_neutral facfarm_effic facfarm_u
> nethical anwelfare_neutral anwelfare_someagree anwelfare_somedisagree anwelfar
> e_strongagree anwelfare_strongdisagree

. foreach i of varlist $allvars1 {
  2. quietly summarize `i'
  3. scalar `i'_mn = r(mean)
  4. }
```

```
. di married_mn
.38552189

. summarize married
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| married | 594 | .3855219 | .4871286 | 0 | 1 |

```
.
. sunmmarize married female white black kids bachelors highered income lnincome
> democrat republican enviro religion vegetarian efficient meatpurchases_never m
> eatpurchases_seldom meatpurchases_never_seldom work_retired work_fulltime work
> _parttime_other work_notwork workinag nearfarm area_rural area_rural_small are
> a_small area_urban area_suburban area_urban_suburban groceries_always grocerie
> s_often lean_conserv lean_very_conserv lean_progr lean_very_progr lean_middle
> vote_trump vote_biden envir_group facfarm_neutral facfarm_effic facfarm_unethi
> cal anwelfare_neutral anwelfare_someagree anwelfare_somedisagree anwelfare_str
> ongagree anwelfare_strongdisagree
command sunmmarize is unrecognized
r(199);

. summarize married female white black kids bachelors highered income lnincome d
> emocrat republican enviro religion vegetarian efficient meatpurchases_never me
> atpurchases_seldom meatpurchases_never_seldom work_retired work_fulltime work_
> parttime_other work_notwork workinag nearfarm area_rural area_rural_small area
> _small area_urban area_suburban area_urban_suburban groceries_always groceries
> _often lean_conserv lean_very_conserv lean_progr lean_very_progr lean_middle v
> ote_trump vote_biden envir_group facfarm_neutral facfarm_effic facfarm_unethic
> al anwelfare_neutral anwelfare_someagree anwelfare_somedisagree anwelfare_stro
> ngagree anwelfare_strongdisagree
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| married | 594 | .3855219 | .4871286 | 0 | 1 |
| female | 594 | .7609428 | .4268672 | 0 | 1 |
| white | 594 | .7592593 | .4278935 | 0 | 1 |
| black | 594 | .1734007 | .3789124 | 0 | 1 |
| kids | 594 | .2424242 | .4289108 | 0 | 1 |
| bachelors | 594 | .3030303 | .4599555 | 0 | 1 |
| highered | 594 | 0 | 0 | 0 | 0 |
| income | 594 | 50401.89 | 44885.05 | 15000 | 225000 |
| lnincome | 594 | 10.50297 | .7977836 | 9.615806 | 12.32386 |
| democrat | 594 | .4191919 | .4938427 | 0 | 1 |
| republican | 594 | .3047138 | .460674 | 0 | 1 |
| enviro | 594 | .3282828 | .4699841 | 0 | 1 |
| religion | 594 | .9006734 | .2993521 | 0 | 1 |
| vegetarian | 594 | .8888889 | .3145346 | 0 | 1 |
| efficient | 594 | .2003367 | .4005896 | 0 | 1 |
| meatpurcha~r | 594 | 0 | 0 | 0 | 0 |
| mea~s_seldom | 594 | .0387205 | .1930907 | 0 | 1 |
| mea~r_seldom | 594 | .0387205 | .1930907 | 0 | 1 |
| work_retired | 594 | .4410774 | .4969345 | 0 | 1 |
| work_fullt~e | 594 | .2171717 | .412668 | 0 | 1 |
| work_partt~r | 594 | .1329966 | .3398573 | 0 | 1 |
| work_notwork | 594 | .1750842 | .3803594 | 0 | 1 |
| workinag | 594 | .1599327 | .3668525 | 0 | 1 |
| nearfarm | 594 | .2474747 | .4319086 | 0 | 1 |
| area_rural | 594 | .1936027 | .3954541 | 0 | 1 |
| area_rural~l | 594 | .2828283 | .4507533 | 0 | 1 |
| area_small | 594 | .0892256 | .2853093 | 0 | 1 |
| area_urban | 594 | .2946128 | .4562527 | 0 | 1 |

| | | | | | |
|---|---|---|---|---|---|
| area_subur~n | 594 | .4225589 | .4943828 | 0 | 1 |
| area_urban~n | 594 | .7171717 | .4507533 | 0 | 1 |
| groceries_~s | 594 | .6801347 | .4668173 | 0 | 1 |
| groceries_~n | 594 | .2491582 | .4328902 | 0 | 1 |
| lean_conserv | 594 | .0387205 | .1930907 | 0 | 1 |
| lean_very_~v | 594 | .0151515 | .1222584 | 0 | 1 |
| lean_progr | 594 | .016835 | .1287614 | 0 | 1 |
| lean_very_~r | 594 | .013468 | .1153648 | 0 | 1 |
| lean_middle | 594 | .1447811 | .3521766 | 0 | 1 |
| vote_trump | 594 | .3518519 | .4779505 | 0 | 1 |
| vote_biden | 594 | .462963 | .4990466 | 0 | 1 |
| envir_group | 594 | .0555556 | .2292545 | 0 | 1 |
| facfarm_ne~l | 594 | .2828283 | .4507533 | 0 | 1 |
| facfarm_ef~c | 594 | .2003367 | .4005896 | 0 | 1 |
| facfarm_un~l | 594 | .1969697 | .3980444 | 0 | 1 |
| anwelfare_~l | 594 | .1801347 | .3846235 | 0 | 1 |
| anwel~eagree | 594 | .3350168 | .4723942 | 0 | 1 |
| an~edisagree | 594 | .040404 | .1970709 | 0 | 1 |
| anwel~gagree | 594 | .4242424 | .494644 | 0 | 1 |
| an~gdisagree | 594 | .020202 | .1408094 | 0 | 1 |

```
. save "\\smb-isl01.fsu.edu\citrix\shsu\Desktop\animal products data 06_18_2025_
> 2_dropped_means.dta"
file \\smb-isl01.fsu.edu\citrix\shsu\Desktop\animal products data
    06_18_2025_2_dropped_means.dta saved

. list scalars
variable scalars not found
r(111);

. display scalars
scalars not found
r(111);

. foreach v of varlist $allvars1 {
  2. display `v'_mn
  3. }
.38552189
.76094276
.75925926
.17340067
.24242424
.3030303
0
50401.886
10.502975
.41919192
.3047138
.32828283
.9006734
.88888889
.2003367
0
.03872054
.03872054
.44107744
.21717172
.13299663
.17508418
.15993266
.24747475
.19360269
.28282828
```

```
.08922559
.29461279
.42255892
.71717172
.68013468
.24915825
.03872054
.01515152
.01683502
.01346801
.14478114
.35185185
.46296296
.05555556
.28282828
.2003367
.1969697
.18013468
.33501684
.04040404
.42424242
.02020202

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 married female white kids bachel i
> ncome democrat republic enviro religion vegetarian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -887.78624
Iteration 2:  Log likelihood = -861.35615
Iteration 3:  Log likelihood = -861.13431
Iteration 4:  Log likelihood =  -861.1339
Iteration 5:  Log likelihood =  -861.1339

                                                Number of obs =    594
                                                Wald chi2(12) =  43.53
Log likelihood = -861.1339                      Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| married | -.1550426 | .6271114 | -0.25 | 0.805 | -1.384158 | 1.074073 |
| female | 1.226083 | .7009219 | 1.75 | 0.080 | -.1476986 | 2.599865 |
| white | .0112931 | .7183379 | 0.02 | 0.987 | -1.396623 | 1.419209 |
| kids | .8533738 | .6799669 | 1.26 | 0.209 | -.4793368 | 2.186084 |
| bachelors | .3284225 | .6834135 | 0.48 | 0.631 | -1.011043 | 1.667888 |
| income | -.0000132 | 7.22e-06 | -1.82 | 0.068 | -.0000273 | 9.79e-07 |
| democrat | -1.24606 | .7158965 | -1.74 | 0.082 | -2.649191 | .1570717 |
| republican | -1.991733 | .778408 | -2.56 | 0.011 | -3.517385 | -.4660817 |
| enviro | 2.29088 | .6511825 | 3.52 | 0.000 | 1.014586 | 3.567174 |
| religion | .7296178 | .9953643 | 0.73 | 0.464 | -1.22126 | 2.680496 |
| vegetarian | -2.639582 | .972647 | -2.71 | 0.007 | -4.545935 | -.7332286 |
| efficient | 1.728104 | .7283271 | 2.37 | 0.018 | .3006094 | 3.155599 |
| _cons | 5.230694 | 1.492856 | 3.50 | 0.000 | 2.30475 | 8.156638 |
| **Sigma** | | | | | | |
| _cons | 6.247218 | .316439 | 19.74 | 0.000 | 5.627009 | 6.867427 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 female kids income republic enviro
>  vegetarian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -880.20742
Iteration 2:  Log likelihood = -863.22301
Iteration 3:  Log likelihood = -863.01077
Iteration 4:  Log likelihood = -863.01016
Iteration 5:  Log likelihood = -863.01016

                                                      Number of obs =    594
                                                      Wald chi2(7)  =  39.97
Log likelihood = -863.01016                           Prob > chi2   = 0.0000

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Beta         |
      female |   1.187404    .688054     1.73   0.084    -.1611577    2.535965
        kids |   .8055258   .6756378     1.19   0.233       -.5187    2.129752
      income |  -.0000127   6.50e-06    -1.95   0.051    -.0000254    3.33e-08
  republican |   -1.31395   .6372102    -2.06   0.039    -2.562859   -.0650404
      enviro |   2.193182   .6477078     3.39   0.001     .9236976    3.462665
  vegetarian |  -2.546256   .9569896    -2.66   0.008    -4.421921   -.6705905
   efficient |   1.564788   .7231675     2.16   0.030     .1474054     2.98217
       _cons |   5.204442   1.153016     4.51   0.000     2.944572    7.464312
-------------+----------------------------------------------------------------
Sigma        |
       _cons |   6.279036   .3179325    19.75   0.000       5.6559    6.902172
------------------------------------------------------------------------------

First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 female income republic enviro vege
> tarian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -878.54558
Iteration 2:  Log likelihood = -863.97315
Iteration 3:  Log likelihood = -863.72324
Iteration 4:  Log likelihood = -863.72203
Iteration 5:  Log likelihood = -863.72203

                                                      Number of obs =    594
                                                      Wald chi2(6)  =  38.73
Log likelihood = -863.72203                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| female | **1.226938** | **.6874829** | **1.78** | **0.074** | **-.1205035** | **2.57438** |
| income | **-.0000118** | **6.45e-06** | **-1.82** | **0.068** | **-.0000244** | **8.82e-07** |
| republican | **-1.282816** | **.6368617** | **-2.01** | **0.044** | **-2.531042** | **-.0345902** |
| enviro | **2.165631** | **.6474911** | **3.34** | **0.001** | **.8965718** | **3.43469** |
| vegetarian | **-2.614502** | **.956422** | **-2.73** | **0.006** | **-4.489055** | **-.7399494** |
| efficient | **1.63038** | **.7214279** | **2.26** | **0.024** | **.2164068** | **3.044352** |
| _cons | **5.374524** | **1.144891** | **4.69** | **0.000** | **3.130579** | **7.61847** |
| **Sigma** | | | | | | |
| _cons | **6.285017** | **.318384** | **19.74** | **0.000** | **5.660995** | **6.909038** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 income republic enviro vegetarian
> efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -875.84053
Iteration 2:  Log likelihood = -865.43891
Iteration 3:  Log likelihood = -865.32927
Iteration 4:  Log likelihood = -865.32897
Iteration 5:  Log likelihood = -865.32897

                                                Number of obs =    594
                                                Wald chi2(5)  =  35.94
Log likelihood = -865.32897                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| income | **-.0000118** | **6.45e-06** | **-1.83** | **0.068** | **-.0000244** | **8.65e-07** |
| republican | **-1.24325** | **.6362736** | **-1.95** | **0.051** | **-2.490323** | **.0038232** |
| enviro | **2.181862** | **.6479685** | **3.37** | **0.001** | **.9118672** | **3.451857** |
| vegetarian | **-2.44141** | **.9516891** | **-2.57** | **0.010** | **-4.306686** | **-.5761335** |
| efficient | **1.511927** | **.7185181** | **2.10** | **0.035** | **.1036572** | **2.920196** |
| _cons | **6.162695** | **1.057008** | **5.83** | **0.000** | **4.090997** | **8.234394** |
| **Sigma** | | | | | | |
| _cons | **6.292974** | **.318952** | **19.73** | **0.000** | **5.667839** | **6.918108** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 age income republic enviro vegetar
> ian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -884.37687
Iteration 2:  Log likelihood = -861.88107
Iteration 3:  Log likelihood = -861.69133
Iteration 4:  Log likelihood = -861.69115
Iteration 5:  Log likelihood = -861.69115

                                                      Number of obs =    594
                                                      Wald chi2(6)  =  42.49
Log likelihood = -861.69115                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.0554111 | .0206444 | -2.68 | 0.007 | -.0958734 | -.0149488 |
| income | -.0000118 | 6.43e-06 | -1.83 | 0.067 | -.0000244 | 8.13e-07 |
| republican | -1.07305 | .6360835 | -1.69 | 0.092 | -2.319751 | .1736508 |
| enviro | 2.246167 | .6461956 | 3.48 | 0.001 | .9796471 | 3.512687 |
| vegetarian | -2.241429 | .9503465 | -2.36 | 0.018 | -4.104074 | -.3787842 |
| efficient | 1.156359 | .7274384 | 1.59 | 0.112 | -.269394 | 2.582112 |
| _cons | 9.214958 | 1.550168 | 5.94 | 0.000 | 6.176684 | 12.25323 |
| **Sigma** | | | | | | |
| _cons | 6.257464 | .3168026 | 19.75 | 0.000 | 5.636542 | 6.878385 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 age married female white kids bach
> el income democrat republic enviro religion vegetarian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -861.10968
Iteration 2:  Log likelihood =  -857.9737
Iteration 3:  Log likelihood =  -857.9244
Iteration 4:  Log likelihood = -857.92433

                                                      Number of obs =    594
                                                      Wald chi2(13) =  49.34
Log likelihood = -857.92433                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.0581762 | .0230387 | -2.53 | 0.012 | -.1033313 | -.0130211 |
| married | -.0052663 | .6265431 | -0.01 | 0.993 | -1.233268 | 1.222736 |
| female | 1.270297 | .6987055 | 1.82 | 0.069 | -.0991402 | 2.639735 |
| white | .4992387 | .7401683 | 0.67 | 0.500 | -.9514646 | 1.949942 |
| kids | .2288796 | .7188065 | 0.32 | 0.750 | -1.179955 | 1.637714 |
| bachelors | .46874 | .6823039 | 0.69 | 0.492 | -.868551 | 1.806031 |
| income | -.0000133 | 7.19e-06 | -1.85 | 0.064 | -.0000274 | 7.84e-07 |
| democrat | -1.01888 | .7175016 | -1.42 | 0.156 | -2.425157 | .3873974 |
| republican | -1.76943 | .7784757 | -2.27 | 0.023 | -3.295214 | -.2436453 |
| enviro | 2.288274 | .6480498 | 3.53 | 0.000 | 1.01812 | 3.558428 |
| religion | .7888977 | .9903787 | 0.80 | 0.426 | -1.152209 | 2.730004 |
| vegetarian | -2.535001 | .9688845 | -2.62 | 0.009 | -4.43398 | -.6360226 |
| efficient | 1.44028 | .7332439 | 1.96 | 0.050 | .0031486 | 2.877412 |
| _cons | 8.029577 | 1.855841 | 4.33 | 0.000 | 4.392195 | 11.66696 |
| **Sigma** | | | | | | |
| _cons | 6.209556 | .3142584 | 19.76 | 0.000 | 5.593621 | 6.825491 |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 female bachel income republic envi
> ro vegetarian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -878.76196
Iteration 2:  Log likelihood = -863.87467
Iteration 3:  Log likelihood = -863.62987
Iteration 4:  Log likelihood = -863.62875
Iteration 5:  Log likelihood = -863.62875

                                                Number of obs =    594
                                                Wald chi2(7)  =  38.90
Log likelihood = -863.62875                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| female | 1.239427 | .688028 | 1.80 | 0.072 | -.1090834 | 2.587937 |
| bachelors | .2958061 | .6848312 | 0.43 | 0.666 | -1.046438 | 1.638051 |
| income | -.0000129 | 6.95e-06 | -1.85 | 0.064 | -.0000265 | 7.49e-07 |
| republican | -1.260606 | .6387144 | -1.97 | 0.048 | -2.512464 | -.0087489 |
| enviro | 2.150564 | .6483031 | 3.32 | 0.001 | .879913 | 3.421214 |
| vegetarian | -2.597341 | .9569978 | -2.71 | 0.007 | -4.473022 | -.7216594 |
| efficient | 1.629162 | .7212849 | 2.26 | 0.024 | .2154695 | 3.042854 |
| _cons | 5.315718 | 1.152815 | 4.61 | 0.000 | 3.056242 | 7.575194 |
| **Sigma** | | | | | | |
| _cons | 6.283864 | .3183291 | 19.74 | 0.000 | 5.659951 | 6.907778 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 female income republic enviro vege
> tarian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -878.54558
Iteration 2:  Log likelihood = -863.97315
Iteration 3:  Log likelihood = -863.72324
Iteration 4:  Log likelihood = -863.72203
Iteration 5:  Log likelihood = -863.72203

                                                      Number of obs =    594
                                                      Wald chi2(6)  =  38.73
Log likelihood = -863.72203                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. interval] | |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| female | 1.226938 | .6874829 | 1.78 | 0.074 | -.1205035 | 2.57438 |
| income | -.0000118 | 6.45e-06 | -1.82 | 0.068 | -.0000244 | 8.82e-07 |
| republican | -1.282816 | .6368617 | -2.01 | 0.044 | -2.531042 | -.0345902 |
| enviro | 2.165631 | .6474911 | 3.34 | 0.001 | .8965718 | 3.43469 |
| vegetarian | -2.614502 | .956422 | -2.73 | 0.006 | -4.489055 | -.7399494 |
| efficient | 1.63038 | .7214279 | 2.26 | 0.024 | .2164068 | 3.044352 |
| _cons | 5.374524 | 1.144891 | 4.69 | 0.000 | 3.130579 | 7.61847 |
| **Sigma** | | | | | | |
| _cons | 6.285017 | .318384 | 19.74 | 0.000 | 5.660995 | 6.909038 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 age married female white kids bach
> el income democrat republic enviro religion vegetarian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -861.10968
Iteration 2:  Log likelihood =  -857.9737
Iteration 3:  Log likelihood =  -857.9244
Iteration 4:  Log likelihood = -857.92433

                                                      Number of obs =    594
                                                      Wald chi2(13) =  49.34
Log likelihood = -857.92433                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.0581762 | .0230387 | -2.53 | 0.012 | -.1033313 | -.0130211 |
| married | -.0052663 | .6265431 | -0.01 | 0.993 | -1.233268 | 1.222736 |
| female | 1.270297 | .6987055 | 1.82 | 0.069 | -.0991402 | 2.639735 |
| white | .4992387 | .7401683 | 0.67 | 0.500 | -.9514646 | 1.949942 |
| kids | .2288796 | .7188065 | 0.32 | 0.750 | -1.179955 | 1.637714 |
| bachelors | .46874 | .6823039 | 0.69 | 0.492 | -.868551 | 1.806031 |
| income | -.0000133 | 7.19e-06 | -1.85 | 0.064 | -.0000274 | 7.84e-07 |
| democrat | -1.01888 | .7175016 | -1.42 | 0.156 | -2.425157 | .3873974 |
| republican | -1.76943 | .7784757 | -2.27 | 0.023 | -3.295214 | -.2436453 |
| enviro | 2.288274 | .6480498 | 3.53 | 0.000 | 1.01812 | 3.558428 |
| religion | .7888977 | .9903787 | 0.80 | 0.426 | -1.152209 | 2.730004 |
| vegetarian | -2.535001 | .9688845 | -2.62 | 0.009 | -4.43398 | -.6360226 |
| efficient | 1.44028 | .7332439 | 1.96 | 0.050 | .0031486 | 2.877412 |
| _cons | 8.029577 | 1.855841 | 4.33 | 0.000 | 4.392195 | 11.66696 |
| **Sigma** | | | | | | |
| _cons | 6.209556 | .3142584 | 19.76 | 0.000 | 5.593621 | 6.825491 |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 age female bachel income republic
> enviro vegetarian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -863.11033
Iteration 2:  Log likelihood = -859.62976
Iteration 3:  Log likelihood = -859.56082
Iteration 4:  Log likelihood =  -859.5607
Iteration 5:  Log likelihood =  -859.5607

                                                Number of obs =    594
                                                Wald chi2(8)  =  46.16
Log likelihood = -859.5607                      Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.058853 | .0207489 | -2.84 | 0.005 | -.09952 | -.0181859 |
| female | 1.356182 | .6877688 | 1.97 | 0.049 | .0081803 | 2.704184 |
| bachelors | .4589559 | .6840574 | 0.67 | 0.502 | -.881772 | 1.799684 |
| income | -.0000135 | 6.93e-06 | -1.94 | 0.052 | -.000027 | 1.05e-07 |
| republican | -1.071251 | .6384891 | -1.68 | 0.093 | -2.322666 | .1801651 |
| enviro | 2.208017 | .6461465 | 3.42 | 0.001 | .9415936 | 3.474441 |
| vegetarian | -2.387793 | .9547745 | -2.50 | 0.012 | -4.259117 | -.5164696 |
| efficient | 1.261319 | .7291255 | 1.73 | 0.084 | -.1677407 | 2.690379 |
| _cons | 8.449556 | 1.590028 | 5.31 | 0.000 | 5.333158 | 11.56595 |
| **Sigma** | | | | | | |
| _cons | 6.244687 | .3159508 | 19.76 | 0.000 | 5.625435 | 6.863939 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 age female income republic enviro
> vegetarian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -863.36739
Iteration 2:  Log likelihood = -859.85831
Iteration 3:  Log likelihood = -859.78595
Iteration 4:  Log likelihood = -859.78582
Iteration 5:  Log likelihood = -859.78582

                                                      Number of obs =    594
                                                      Wald chi2(7)  =  45.76
Log likelihood = -859.78582                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. interval] | |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.0577066 | .0206796 | -2.79 | 0.005 | -.0982378 | -.0171754 |
| female | 1.334331 | .6871064 | 1.94 | 0.052 | -.0123729 | 2.681035 |
| income | -.0000117 | 6.42e-06 | -1.83 | 0.068 | -.0000243 | 8.48e-07 |
| republican | -1.108976 | .6364013 | -1.74 | 0.081 | -2.3563 | .1383472 |
| enviro | 2.230507 | .6455369 | 3.46 | 0.001 | .965278 | 3.495736 |
| vegetarian | -2.418079 | .9541785 | -2.53 | 0.011 | -4.288234 | -.5479233 |
| efficient | 1.270161 | .7293259 | 1.74 | 0.082 | -.1592912 | 2.699614 |
| _cons | 8.47921 | 1.59014 | 5.33 | 0.000 | 5.362592 | 11.59583 |
| **Sigma** | | | | | | |
| _cons | 6.247251 | .3160834 | 19.76 | 0.000 | 5.627739 | 6.866763 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 age female income vote_trump envir
> o vegetarian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -885.43079
Iteration 2:  Log likelihood = -861.50438
Iteration 3:  Log likelihood = -861.30926
Iteration 4:  Log likelihood = -861.30906
Iteration 5:  Log likelihood = -861.30906

                                                      Number of obs =    594
                                                      Wald chi2(7)  =  43.05
Log likelihood = -861.30906                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.0612296 | .0206694 | -2.96 | 0.003 | -.101741 | -.0207183 |
| female | 1.302371 | .6881094 | 1.89 | 0.058 | -.0462988 | 2.651041 |
| income | -.0000118 | 6.44e-06 | -1.83 | 0.068 | -.0000244 | 8.68e-07 |
| vote_trump | -.0116725 | .609971 | -0.02 | 0.985 | -1.207194 | 1.183849 |
| enviro | 2.410094 | .6479497 | 3.72 | 0.000 | 1.140136 | 3.680052 |
| vegetarian | -2.350895 | .9549223 | -2.46 | 0.014 | -4.222508 | -.4792812 |
| efficient | 1.196191 | .7301916 | 1.64 | 0.101 | -.2349583 | 2.62734 |
| _cons | 8.268984 | 1.601402 | 5.16 | 0.000 | 5.130295 | 11.40767 |
| **Sigma** | | | | | | |
| _cons | 6.26594 | .3171112 | 19.76 | 0.000 | 5.644414 | 6.887467 |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 age married female white kids bach
> el income

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood =  -875.8858
Iteration 2:  Log likelihood = -875.30663
Iteration 3:  Log likelihood = -875.30661

                                                Number of obs =    594
                                                Wald chi2(7)  =  17.02
Log likelihood = -875.30661                     Prob > chi2   = 0.0173
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.0730931 | .0232533 | -3.14 | 0.002 | -.1186688 | -.0275174 |
| married | -.242471 | .6334087 | -0.38 | 0.702 | -1.483929 | .9989872 |
| female | 1.019558 | .7097093 | 1.44 | 0.151 | -.3714466 | 2.410563 |
| white | .2253499 | .7405308 | 0.30 | 0.761 | -1.226064 | 1.676764 |
| kids | .0636692 | .7337464 | 0.09 | 0.931 | -1.374447 | 1.501786 |
| bachelors | .8788838 | .6936279 | 1.27 | 0.205 | -.4806018 | 2.238369 |
| income | -.0000129 | 7.37e-06 | -1.75 | 0.080 | -.0000274 | 1.54e-06 |
| _cons | 7.815104 | 1.456865 | 5.36 | 0.000 | 4.959701 | 10.67051 |
| **Sigma** | | | | | | |
| _cons | 6.416977 | .3251023 | 19.74 | 0.000 | 5.779788 | 7.054166 |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 age female white bachel income

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood =  -875.9443
Iteration 2:  Log likelihood =  -875.3811
Iteration 3:  Log likelihood = -875.38109

                                                Number of obs =    594
                                                Wald chi2(5)  =  16.88
Log likelihood = -875.38109                     Prob > chi2   = 0.0047
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. interval] | |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.0742568 | .0218286 | -3.40 | 0.001 | -.11704 | -.0314736 |
| female | 1.027709 | .7076231 | 1.45 | 0.146 | -.3592064 | 2.414625 |
| white | .2030275 | .7382739 | 0.28 | 0.783 | -1.243963 | 1.650018 |
| bachelors | .8919763 | .6926362 | 1.29 | 0.198 | -.4655658 | 2.249518 |
| income | -.0000136 | 7.08e-06 | -1.92 | 0.055 | -.0000275 | 2.80e-07 |
| _cons | 7.846524 | 1.3454 | 5.83 | 0.000 | 5.20959 | 10.48346 |
| **Sigma** | | | | | | |
| _cons | 6.417092 | .3251196 | 19.74 | 0.000 | 5.779869 | 7.054314 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 age female bachel income

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -875.96857
Iteration 2:  Log likelihood = -875.41889
Iteration 3:  Log likelihood = -875.41889

                                                Number of obs =    594
                                                Wald chi2(4)  =  16.79
Log likelihood = -875.41889                     Prob > chi2   = 0.0021
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. interval] | |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.0724268 | .0207884 | -3.48 | 0.000 | -.1131713 | -.0316824 |
| female | 1.065467 | .6946653 | 1.53 | 0.125 | -.2960523 | 2.426986 |
| bachelors | .8941433 | .6928882 | 1.29 | 0.197 | -.4638926 | 2.252179 |
| income | -.0000136 | 7.08e-06 | -1.92 | 0.055 | -.0000275 | 2.74e-07 |
| _cons | 7.865179 | 1.344456 | 5.85 | 0.000 | 5.230093 | 10.50026 |
| **Sigma** | | | | | | |
| _cons | 6.419824 | .3251635 | 19.74 | 0.000 | 5.782515 | 7.057132 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. global vars_a1 age female bachelors income

. nlcom (WTP:(_b[_cons] + age_mn*_b[age] + female_mn*_b[female] + bachelors_mn*_
> b[bachelors] + income_mn*_b[income]))

age_mn not found
r(111);

. quietly summarize age

. scalar age_mn = r(mean)

. display age_mn
58.543771

. nlcom (WTP:(_b[_cons] + age_mn*_b[age] + female_mn*_b[female] + bachelors_mn*_
> b[bachelors] + income_mn*_b[income]))

        WTP: (_b[_cons] + age_mn*_b[age] + female_mn*_b[female] + bachelors_mn*
> _b[bachelors] + income_mn*_b[income])

------------------------------------------------------------------------------
             | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
         WTP |    4.020852   .2953536    13.61   0.000      3.44197    4.599735
------------------------------------------------------------------------------

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 democrat religion vegetarian effic
> ient vote_trump facfarm_neutral anwelfare_agree
variable anwelfare_agree not found
r(111);

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 democrat religion vegetarian effic
> ient vote_trump facfarm_neutral anwelfare_someagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -874.10678
Iteration 2:  Log likelihood = -868.65386
Iteration 3:  Log likelihood = -868.65003
Iteration 4:  Log likelihood = -868.65003

                                                Number of obs =    594
                                                Wald chi2(7)  =  30.12
Log likelihood = -868.65003                     Prob > chi2   = 0.0001

------------------------------------------------------------------------------
             | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
Beta         |
    democrat |   .1480945   .7353627     0.20   0.840     -1.29319    1.589379
    religion |   .7766387   .9943904     0.78   0.435    -1.172331    2.725608
  vegetarian |  -3.364949   .9415314    -3.57   0.000    -5.210317   -1.519582
   efficient |   .6931622   .7609216     0.91   0.362    -.7982168    2.184541
  vote_trump |  -.1793073   .7620551    -0.24   0.814    -1.672908    1.314293
facfarm_neu~l |   -1.89085   .6898405    -2.74   0.006    -3.242913   -.5387879
anwelf~eagree |  -1.307607    .617347    -2.12   0.034    -2.517585   -.0976288
       _cons |   7.168497   1.274348     5.63   0.000     4.670821    9.666173
-------------+----------------------------------------------------------------
```

| | | | | | | |
|---|---|---|---|---|---|---|
| **Sigma** | | | | | | |
| _cons | **6.28842** | **.3186424** | **19.74** | **0.000** | **5.663892** | **6.912947** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient vote_trump facfarm_neutral anwelfare_someagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -878.47537
Iteration 2:  Log likelihood = -865.12577
Iteration 3:  Log likelihood =  -864.8758
Iteration 4:  Log likelihood = -864.87548
Iteration 5:  Log likelihood = -864.87548

                                                      Number of obs =    594
                                                      Wald chi2(7)  =  37.24
Log likelihood = -864.87548                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| republican | **-2.430598** | **.8861495** | **-2.74** | **0.006** | **-4.167419** | **-.6937769** |
| religion | **.8331542** | **.9882942** | **0.84** | **0.399** | **-1.103867** | **2.770175** |
| vegetarian | **-3.375556** | **.9373434** | **-3.60** | **0.000** | **-5.212716** | **-1.538397** |
| efficient | **.7961773** | **.7515343** | **1.06** | **0.289** | **-.6768028** | **2.269157** |
| vote_trump | **1.389801** | **.8548314** | **1.63** | **0.104** | **-.2856376** | **3.06524** |
| facfarm_neu~l | **-1.903291** | **.6840701** | **-2.78** | **0.005** | **-3.244044** | **-.5625387** |
| anwelf~eagree | **-1.255548** | **.6136218** | **-2.05** | **0.041** | **-2.458224** | **-.0528708** |
| _cons | **7.341945** | **1.189603** | **6.17** | **0.000** | **5.010366** | **9.673524** |
| **Sigma** | | | | | | |
| _cons | **6.243331** | **.3161736** | **19.75** | **0.000** | **5.623642** | **6.86302** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient vote_trump facfarm_neutral anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -856.92783
Iteration 2:  Log likelihood = -854.29797
Iteration 3:  Log likelihood = -854.27894
Iteration 4:  Log likelihood = -854.27893

                                                      Number of obs =    594
                                                      Wald chi2(7)  =  57.24
Log likelihood = -854.27893                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| republican | -2.334097 | .8733748 | -2.67 | 0.008 | -4.045881 | -.6223141 |
| religion | .8556292 | .9704966 | 0.88 | 0.378 | -1.046509 | 2.757768 |
| vegetarian | -2.999533 | .9189883 | -3.26 | 0.001 | -4.800717 | -1.198349 |
| efficient | .6113818 | .7383418 | 0.83 | 0.408 | -.8357416 | 2.058505 |
| vote_trump | 1.488054 | .8425006 | 1.77 | 0.077 | -.1632164 | 3.139325 |
| facfarm_neu~l | -1.499645 | .6755307 | -2.22 | 0.026 | -2.823661 | -.1756291 |
| anwelf~gagree | 2.932852 | .5856225 | 5.01 | 0.000 | 1.785053 | 4.080651 |
| _cons | 5.181453 | 1.193457 | 4.34 | 0.000 | 2.84232 | 7.520585 |
| **Sigma** | | | | | | |
| _cons | 6.107003 | .3081088 | 19.82 | 0.000 | 5.503121 | 6.710885 |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient vote_trump facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -856.31238
Iteration 2:  Log likelihood = -847.46413
Iteration 3:  Log likelihood = -847.39471
Iteration 4:  Log likelihood = -847.39459
Iteration 5:  Log likelihood = -847.39459

                                                Number of obs =    594
                                                Wald chi2(7)  =  69.69
Log likelihood = -847.39459                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| republican | -2.32961 | .864234 | -2.70 | 0.007 | -4.023478 | -.6357425 |
| religion | .8665672 | .9615642 | 0.90 | 0.367 | -1.018064 | 2.751198 |
| vegetarian | -2.808533 | .9096017 | -3.09 | 0.002 | -4.59132 | -1.025747 |
| efficient | 1.954467 | .7252894 | 2.69 | 0.007 | .5329262 | 3.376009 |
| vote_trump | 1.415185 | .8298968 | 1.71 | 0.088 | -.2113825 | 3.041753 |
| facfarm_une~l | 3.187658 | .7434291 | 4.29 | 0.000 | 1.730564 | 4.644752 |
| anwelf~gagree | 2.641211 | .5826143 | 4.53 | 0.000 | 1.499308 | 3.783114 |
| _cons | 3.843575 | 1.171808 | 3.28 | 0.001 | 1.546873 | 6.140277 |
| **Sigma** | | | | | | |
| _cons | 6.030174 | .3036057 | 19.86 | 0.000 | 5.435117 | 6.62523 |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient vote_biden facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood =  -855.4979
Iteration 2:  Log likelihood = -848.24809
Iteration 3:  Log likelihood = -848.22153
Iteration 4:  Log likelihood = -848.22151

                                                Number of obs =    594
                                                Wald chi2(7)  =  68.31
Log likelihood = -848.22151                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| republican | -1.770989 | .7455305 | -2.38 | 0.018 | -3.232202 | -.3097756 |
| religion | .7993571 | .961757 | 0.83 | 0.406 | -1.085652 | 2.684366 |
| vegetarian | -2.75606 | .9104025 | -3.03 | 0.002 | -4.540416 | -.9717036 |
| efficient | 1.971382 | .7274415 | 2.71 | 0.007 | .5456226 | 3.397141 |
| vote_biden | -.7732699 | .6874515 | -1.12 | 0.261 | -2.12065 | .5741104 |
| facfarm_une~l | 3.175667 | .7438456 | 4.27 | 0.000 | 1.717757 | 4.633578 |
| anwelf~gagree | 2.653707 | .5835717 | 4.55 | 0.000 | 1.509927 | 3.797486 |
| _cons | 4.541673 | 1.228433 | 3.70 | 0.000 | 2.133988 | 6.949357 |
| **Sigma** | | | | | | |
| _cons | 6.037751 | .3040427 | 19.86 | 0.000 | 5.441838 | 6.633663 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient lean_conserv facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -855.23257
Iteration 2:  Log likelihood = -848.53229
Iteration 3:  Log likelihood = -848.51592
Iteration 4:  Log likelihood = -848.51591

                                                Number of obs =    594
                                                Wald chi2(7)  =  67.59
Log likelihood = -848.51591                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| republican | **-1.221659** | **.6140662** | **-1.99** | **0.047** | **-2.425207** | **-.0181112** |
| religion | **.7866731** | **.9622546** | **0.82** | **0.414** | **-1.099311** | **2.672657** |
| vegetarian | **-2.775791** | **.9113898** | **-3.05** | **0.002** | **-4.562083** | **-.9895** |
| efficient | **1.916939** | **.7265057** | **2.64** | **0.008** | **.4930141** | **3.340864** |
| lean_conserv | **1.233431** | **1.501973** | **0.82** | **0.412** | **-1.710382** | **4.177244** |
| facfarm_une~l | **3.134196** | **.7449389** | **4.21** | **0.000** | **1.674143** | **4.59425** |
| anwelf~gagree | **2.665018** | **.5857668** | **4.55** | **0.000** | **1.516936** | **3.8131** |
| _cons | **4.012968** | **1.169407** | **3.43** | **0.001** | **1.720972** | **6.304965** |
| **Sigma** | | | | | | |
| _cons | **6.046457** | **.3043483** | **19.87** | **0.000** | **5.449945** | **6.642968** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient lean_very_conserv facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -855.19522
Iteration 2:  Log likelihood = -848.63428
Iteration 3:  Log likelihood = -848.61993
Iteration 4:  Log likelihood = -848.61992

                                                Number of obs =    594
                                                Wald chi2(7)  =  67.52
Log likelihood = -848.61992                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| republican | **-1.251905** | **.6110308** | **-2.05** | **0.040** | **-2.449503** | **-.0543063** |
| religion | **.7660051** | **.9629509** | **0.80** | **0.426** | **-1.121344** | **2.653354** |
| vegetarian | **-2.808137** | **.9117982** | **-3.08** | **0.002** | **-4.595228** | **-1.021045** |
| efficient | **1.913685** | **.7261819** | **2.64** | **0.008** | **.4903941** | **3.336975** |
| lean_very_c~v | **1.48892** | **2.175919** | **0.68** | **0.494** | **-2.775803** | **5.753643** |
| facfarm_une~l | **3.167508** | **.7451701** | **4.25** | **0.000** | **1.707001** | **4.628015** |
| anwelf~gagree | **2.625536** | **.5837633** | **4.50** | **0.000** | **1.481381** | **3.769691** |
| _cons | **4.100924** | **1.164713** | **3.52** | **0.000** | **1.818128** | **6.38372** |
| **Sigma** | | | | | | |
| _cons | **6.045778** | **.3044656** | **19.86** | **0.000** | **5.449036** | **6.64252** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient lean_very_progr facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood =  -855.0467
Iteration 2:  Log likelihood = -848.70839
Iteration 3:  Log likelihood = -848.69726
Iteration 4:  Log likelihood = -848.69725

                                                      Number of obs =    594
                                                      Wald chi2(7)  =  67.34
Log likelihood = -848.69725                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. interval] | |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| republican | -1.261313 | .6110329 | -2.06 | 0.039 | -2.458915 | -.06371 |
| religion | .7850962 | .9635397 | 0.81 | 0.415 | -1.103407 | 2.673599 |
| vegetarian | -2.783161 | .911599 | -3.05 | 0.002 | -4.569862 | -.9964596 |
| efficient | 1.908848 | .7266821 | 2.63 | 0.009 | .4845773 | 3.333119 |
| lean_very_p~r | 1.30584 | 2.339948 | 0.56 | 0.577 | -3.280375 | 5.892054 |
| facfarm_une~l | 3.11282 | .7479085 | 4.16 | 0.000 | 1.646946 | 4.578694 |
| anwelf~gagree | 2.638427 | .584357 | 4.52 | 0.000 | 1.493108 | 3.783746 |
| _cons | 4.075935 | 1.166426 | 3.49 | 0.000 | 1.789782 | 6.362088 |
| **Sigma** | | | | | | |
| _cons | 6.049878 | .3046218 | 19.86 | 0.000 | 5.45283 | 6.646925 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient lean_very_progr facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood =  -855.0467
Iteration 2:  Log likelihood = -848.70839
Iteration 3:  Log likelihood = -848.69726
Iteration 4:  Log likelihood = -848.69725

                                                      Number of obs =    594
                                                      Wald chi2(7)  =  67.34
Log likelihood = -848.69725                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| republican | **-1.261313** | **.6110329** | **-2.06** | **0.039** | **-2.458915** | **-.06371** |
| religion | **.7850962** | **.9635397** | **0.81** | **0.415** | **-1.103407** | **2.673599** |
| vegetarian | **-2.783161** | **.911599** | **-3.05** | **0.002** | **-4.569862** | **-.9964596** |
| efficient | **1.908848** | **.7266821** | **2.63** | **0.009** | **.4845773** | **3.333119** |
| lean_very_p~r | **1.30584** | **2.339948** | **0.56** | **0.577** | **-3.280375** | **5.892054** |
| facfarm_une~l | **3.11282** | **.7479085** | **4.16** | **0.000** | **1.646946** | **4.578694** |
| anwelf~gagree | **2.638427** | **.584357** | **4.52** | **0.000** | **1.493108** | **3.783746** |
| _cons | **4.075935** | **1.166426** | **3.49** | **0.000** | **1.789782** | **6.362088** |
| **Sigma** | | | | | | |
| _cons | **6.049878** | **.3046218** | **19.86** | **0.000** | **5.45283** | **6.646925** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient lean_very_middle facfarm_unethical anwelfare_strongagree
variable lean_very_middle not found
r(111);

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient lean_middle facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -856.04442
Iteration 2:  Log likelihood = -848.02814
Iteration 3:  Log likelihood = -847.98343
Iteration 4:  Log likelihood = -847.98338

                                                Number of obs =    594
                                                Wald chi2(7)  =  68.92
Log likelihood = -847.98338                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| republican | **-1.055866** | **.6311337** | **-1.67** | **0.094** | **-2.292865** | **.1811332** |
| religion | **.8052416** | **.9605668** | **0.84** | **0.402** | **-1.077435** | **2.687918** |
| vegetarian | **-2.80326** | **.9088086** | **-3.08** | **0.002** | **-4.584492** | **-1.022028** |
| efficient | **1.939084** | **.7240581** | **2.68** | **0.007** | **.5199565** | **3.358212** |
| lean_middle | **1.08322** | **.819424** | **1.32** | **0.186** | **-.5228214** | **2.689262** |
| facfarm_une~l | **3.11606** | **.7421533** | **4.20** | **0.000** | **1.661466** | **4.570654** |
| anwelf~gagree | **2.671844** | **.5830237** | **4.58** | **0.000** | **1.529139** | **3.81455** |
| _cons | **3.854903** | **1.177742** | **3.27** | **0.001** | **1.546571** | **6.163235** |
| **Sigma** | | | | | | |
| _cons | **6.026396** | **.3036369** | **19.85** | **0.000** | **5.431279** | **6.621513** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient enviro facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -856.99664
Iteration 2:  Log likelihood = -846.28252
Iteration 3:  Log likelihood = -846.13782
Iteration 4:  Log likelihood = -846.13737
Iteration 5:  Log likelihood = -846.13737

                                                Number of obs =    594
                                                Wald chi2(7)  =  71.19
Log likelihood = -846.13737                     Prob > chi2   = 0.0000

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Beta         |
  republican |  -1.078737   .6149101    -1.75   0.079    -2.283939    .1264643
    religion |   .8379149   .9641293     0.87   0.385    -1.051744    2.727574
  vegetarian |  -2.261684   .9393373    -2.41   0.016    -4.102752   -.420617
   efficient |   1.849259   .7267431     2.54   0.011     .4248687    3.273649
      enviro |   1.460372   .6302744     2.32   0.021     .2250573    2.695687
facfarm_une~l |   2.942847   .7496794     3.93   0.000     1.473503    4.412192
anwelf~gagree |   2.527142   .5853812     4.32   0.000     1.379816    3.674468
       _cons |   3.136677   1.239623     2.53   0.011     .7070599    5.566294
-------------+----------------------------------------------------------------
Sigma        |
       _cons |   6.043568   .3043943    19.85   0.000     5.446966     6.64017
------------------------------------------------------------------------------

First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient envir_group facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood =  -856.4753
Iteration 2:  Log likelihood = -847.63295
Iteration 3:  Log likelihood = -847.56397
Iteration 4:  Log likelihood = -847.56385
Iteration 5:  Log likelihood = -847.56385

                                                Number of obs =    594
                                                Wald chi2(7)  =  69.76
Log likelihood = -847.56385                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| republican | -1.276202 | .606595 | -2.10 | 0.035 | -2.465107 | -.0872978 |
| religion | .9661783 | .9666711 | 1.00 | 0.318 | -.9284623 | 2.860819 |
| vegetarian | -2.573487 | .916924 | -2.81 | 0.005 | -4.370625 | -.7763489 |
| efficient | 1.84207 | .7248049 | 2.54 | 0.011 | .4214781 | 3.262661 |
| envir_group | 1.961119 | 1.220817 | 1.61 | 0.108 | -.4316375 | 4.353876 |
| facfarm_une~l | 3.055858 | .7428438 | 4.11 | 0.000 | 1.59991 | 4.511805 |
| anwelf~gagree | 2.622452 | .5814668 | 4.51 | 0.000 | 1.482798 | 3.762106 |
| _cons | 3.670979 | 1.190764 | 3.08 | 0.002 | 1.337124 | 6.004834 |
| **Sigma** | | | | | | |
| _cons | 6.023493 | .3034337 | 19.85 | 0.000 | 5.428774 | 6.618212 |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican religion vegetarian eff
> icient enviro facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -856.99664
Iteration 2:  Log likelihood = -846.28252
Iteration 3:  Log likelihood = -846.13782
Iteration 4:  Log likelihood = -846.13737
Iteration 5:  Log likelihood = -846.13737

                                                Number of obs =    594
                                                Wald chi2(7)  =  71.19
Log likelihood = -846.13737                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| republican | -1.078737 | .6149101 | -1.75 | 0.079 | -2.283939 | .1264643 |
| religion | .8379149 | .9641293 | 0.87 | 0.385 | -1.051744 | 2.727574 |
| vegetarian | -2.261684 | .9393373 | -2.41 | 0.016 | -4.102752 | -.420617 |
| efficient | 1.849259 | .7267431 | 2.54 | 0.011 | .4248687 | 3.273649 |
| enviro | 1.460372 | .6302744 | 2.32 | 0.021 | .2250573 | 2.695687 |
| facfarm_une~l | 2.942847 | .7496794 | 3.93 | 0.000 | 1.473503 | 4.412192 |
| anwelf~gagree | 2.527142 | .5853812 | 4.32 | 0.000 | 1.379816 | 3.674468 |
| _cons | 3.136677 | 1.239623 | 2.53 | 0.011 | .7070599 | 5.566294 |
| **Sigma** | | | | | | |
| _cons | 6.043568 | .3043943 | 19.85 | 0.000 | 5.446966 | 6.64017 |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 republican vegetarian efficient en
> viro facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -855.95189
Iteration 2:  Log likelihood =  -846.6016
Iteration 3:  Log likelihood = -846.51436
Iteration 4:  Log likelihood = -846.51417
Iteration 5:  Log likelihood = -846.51417

                                                Number of obs =    594
                                                Wald chi2(6)  =  70.32
Log likelihood = -846.51417                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| republican | -1.092064 | .616358 | -1.77 | 0.076 | -2.300104 | .1159752 |
| vegetarian | -2.095813 | .9214401 | -2.27 | 0.023 | -3.901802 | -.2898235 |
| efficient | 1.823127 | .7278276 | 2.50 | 0.012 | .3966114 | 3.249643 |
| enviro | 1.451644 | .6316495 | 2.30 | 0.022 | .2136334 | 2.689654 |
| facfarm_une~l | 2.937669 | .7515547 | 3.91 | 0.000 | 1.464649 | 4.41069 |
| anwelf~gagree | 2.542245 | .5867006 | 4.33 | 0.000 | 1.392333 | 3.692157 |
| _cons | 3.750658 | 1.018725 | 3.68 | 0.000 | 1.753993 | 5.747323 |
| **Sigma** | | | | | | |
| _cons | 6.057851 | .304987 | 19.86 | 0.000 | 5.460087 | 6.655614 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 lean_conserv vegetarian efficient
> enviro facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -855.10588
Iteration 2:  Log likelihood = -847.39694
Iteration 3:  Log likelihood = -847.36038
Iteration 4:  Log likelihood = -847.36034

                                                Number of obs =    594
                                                Wald chi2(6)  =  68.75
Log likelihood = -847.36034                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| lean_conserv | **1.808308** | **1.500701** | **1.20** | **0.228** | **-1.133011** | **4.749628** |
| vegetarian | **-2.019304** | **.9215611** | **-2.19** | **0.028** | **-3.82553** | **-.2130772** |
| efficient | **1.784686** | **.7287165** | **2.45** | **0.014** | **.356428** | **3.212944** |
| enviro | **1.648452** | **.6273484** | **2.63** | **0.009** | **.4188718** | **2.878032** |
| facfarm_une~l | **2.90332** | **.7527897** | **3.86** | **0.000** | **1.42788** | **4.378761** |
| anwelf~gagree | **2.634265** | **.588996** | **4.47** | **0.000** | **1.479854** | **3.788676** |
| _cons | **3.19048** | **.9942381** | **3.21** | **0.001** | **1.241809** | **5.139151** |
| **Sigma** | | | | | | |
| _cons | **6.069836** | **.3054587** | **19.87** | **0.000** | **5.471148** | **6.668524** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 lean_very_conserv vegetarian effic
> ient enviro facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -854.93225
Iteration 2:  Log likelihood = -847.67069
Iteration 3:  Log likelihood = -847.64404
Iteration 4:  Log likelihood = -847.64403

                                                Number of obs =    594
                                                Wald chi2(6)  =  68.46
Log likelihood = -847.64403                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| lean_very_c~v | **2.048503** | **2.169715** | **0.94** | **0.345** | **-2.20406** | **6.301066** |
| vegetarian | **-2.07716** | **.921874** | **-2.25** | **0.024** | **-3.884** | **-.2703201** |
| efficient | **1.779353** | **.7282358** | **2.44** | **0.015** | **.3520371** | **3.206669** |
| enviro | **1.627457** | **.6264123** | **2.60** | **0.009** | **.399711** | **2.855202** |
| facfarm_une~l | **2.956242** | **.7526905** | **3.93** | **0.000** | **1.480996** | **4.431488** |
| anwelf~gagree | **2.580497** | **.5872645** | **4.39** | **0.000** | **1.42948** | **3.731515** |
| _cons | **3.294285** | **.9894012** | **3.33** | **0.001** | **1.355094** | **5.233476** |
| **Sigma** | | | | | | |
| _cons | **6.069349** | **.30565** | **19.86** | **0.000** | **5.470286** | **6.668412** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 lean_very_progr vegetarian efficie
> nt enviro facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -854.65935
Iteration 2:  Log likelihood = -847.86565
Iteration 3:  Log likelihood = -847.84779
Iteration 4:  Log likelihood = -847.84778

                                                      Number of obs =    594
                                                      Wald chi2(6)  =  68.06
Log likelihood = -847.84778                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| lean_very_p~r | 1.635181 | 2.362131 | 0.69 | 0.489 | -2.994511 | 6.264873 |
| vegetarian | -2.042743 | .9219446 | -2.22 | 0.027 | -3.849721 | -.235765 |
| efficient | 1.771369 | .7289861 | 2.43 | 0.015 | .3425824 | 3.200155 |
| enviro | 1.611919 | .6272102 | 2.57 | 0.010 | .3826095 | 2.841228 |
| facfarm_une~l | 2.888385 | .7556872 | 3.82 | 0.000 | 1.407266 | 4.369505 |
| anwelf~gagree | 2.598834 | .5880095 | 4.42 | 0.000 | 1.446357 | 3.751311 |
| _cons | 3.286196 | .9905906 | 3.32 | 0.001 | 1.344674 | 5.227718 |
| **Sigma** | | | | | | |
| _cons | 6.075788 | .3059127 | 19.86 | 0.000 | 5.47621 | 6.675366 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 lean_progr vegetarian efficient en
> viro facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -854.74604
Iteration 2:  Log likelihood = -847.89041
Iteration 3:  Log likelihood = -847.87158
Iteration 4:  Log likelihood = -847.87157

                                                      Number of obs =    594
                                                      Wald chi2(6)  =  68.00
Log likelihood = -847.87157                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| lean_progr | -1.410118 | 2.138341 | -0.66 | 0.510 | -5.60119 | 2.780954 |
| vegetarian | -2.081998 | .9235613 | -2.25 | 0.024 | -3.892145 | -.2718511 |
| efficient | 1.759721 | .7286197 | 2.42 | 0.016 | .331653 | 3.18779 |
| enviro | 1.653732 | .6292761 | 2.63 | 0.009 | .4203733 | 2.88709 |
| facfarm_une~l | 2.969544 | .7545372 | 3.94 | 0.000 | 1.490678 | 4.448409 |
| anwelf~gagree | 2.578371 | .5876911 | 4.39 | 0.000 | 1.426517 | 3.730224 |
| _cons | 3.351988 | .9922917 | 3.38 | 0.001 | 1.407132 | 5.296844 |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Sigma** | | | | | | |
| _cons | **6.072275** | **.3057707** | **19.86** | **0.000** | **5.472976** | **6.671575** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 lean_middle vegetarian efficient e
> nviro facfarm_unethical anwelfare_strongagree

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -856.89458
Iteration 2:  Log likelihood = -846.53288
Iteration 3:  Log likelihood = -846.40448
Iteration 4:  Log likelihood = -846.40407
Iteration 5:  Log likelihood = -846.40407

                                                Number of obs =    594
                                                Wald chi2(6)  =  70.96
Log likelihood = -846.40407                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| lean_middle | **1.457093** | **.7919379** | **1.84** | **0.066** | **-.0950765** | **3.009263** |
| vegetarian | **-2.063669** | **.9183624** | **-2.25** | **0.025** | **-3.863626** | **-.2637116** |
| efficient | **1.821708** | **.7251096** | **2.51** | **0.012** | **.4005191** | **3.242897** |
| enviro | **1.606552** | **.6236641** | **2.58** | **0.010** | **.3841925** | **2.828911** |
| facfarm_une~l | **2.883934** | **.7486302** | **3.85** | **0.000** | **1.416645** | **4.351222** |
| anwelf~gagree | **2.629816** | **.5851695** | **4.49** | **0.000** | **1.482905** | **3.776728** |
| _cons | **3.098957** | **.9933058** | **3.12** | **0.002** | **1.152114** | **5.045801** |
| **Sigma** | | | | | | |
| _cons | **6.039824** | **.3042726** | **19.85** | **0.000** | **5.443461** | **6.636188** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. global varsb1 lean_middle vegetarian efficient enviro facfarm_unethical anwelf
> are_strongagree

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 varsb1
variable varsb1 not found
r(111);
```

```
. global vars_b1 lean_middle vegetarian efficient enviro facfarm_unethical anwel
> fare_strongagree

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 $vars_b1

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -856.89458
Iteration 2:  Log likelihood = -846.53288
Iteration 3:  Log likelihood = -846.40448
Iteration 4:  Log likelihood = -846.40407
Iteration 5:  Log likelihood = -846.40407

                                                      Number of obs =    594
                                                      Wald chi2(6)  =  70.96
Log likelihood = -846.40407                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| lean_middle | 1.457093 | .7919379 | 1.84 | 0.066 | -.0950765 | 3.009263 |
| vegetarian | -2.063669 | .9183624 | -2.25 | 0.025 | -3.863626 | -.2637116 |
| efficient | 1.821708 | .7251096 | 2.51 | 0.012 | .4005191 | 3.242897 |
| enviro | 1.606552 | .6236641 | 2.58 | 0.010 | .3841925 | 2.828911 |
| facfarm_une~l | 2.883934 | .7486302 | 3.85 | 0.000 | 1.416645 | 4.351222 |
| anwelf~gagree | 2.629816 | .5851695 | 4.49 | 0.000 | 1.482905 | 3.776728 |
| _cons | 3.098957 | .9933058 | 3.12 | 0.002 | 1.152114 | 5.045801 |
| **Sigma** | | | | | | |
| _cons | 6.039824 | .3042726 | 19.85 | 0.000 | 5.443461 | 6.636188 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 $vars_a1

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -875.96857
Iteration 2:  Log likelihood = -875.41889
Iteration 3:  Log likelihood = -875.41889

                                                      Number of obs =    594
                                                      Wald chi2(4)  =  16.79
Log likelihood = -875.41889                           Prob > chi2   = 0.0021
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.0724268 | .0207884 | -3.48 | 0.000 | -.1131713 | -.0316824 |
| female | 1.065467 | .6946653 | 1.53 | 0.125 | -.2960523 | 2.426986 |
| bachelors | .8941433 | .6928882 | 1.29 | 0.197 | -.4638926 | 2.252179 |
| income | -.0000136 | 7.08e-06 | -1.92 | 0.055 | -.0000275 | 2.74e-07 |
| _cons | 7.865179 | 1.344456 | 5.85 | 0.000 | 5.230093 | 10.50026 |
| **Sigma** | | | | | | |
| _cons | 6.419824 | .3251635 | 19.74 | 0.000 | 5.782515 | 7.057132 |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 $vars_b1

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -856.89458
Iteration 2:  Log likelihood = -846.53288
Iteration 3:  Log likelihood = -846.40448
Iteration 4:  Log likelihood = -846.40407
Iteration 5:  Log likelihood = -846.40407

                                                Number of obs =    594
                                                Wald chi2(6)  =  70.96
Log likelihood = -846.40407                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| lean_middle | 1.457093 | .7919379 | 1.84 | 0.066 | -.0950765 | 3.009263 |
| vegetarian | -2.063669 | .9183624 | -2.25 | 0.025 | -3.863626 | -.2637116 |
| efficient | 1.821708 | .7251096 | 2.51 | 0.012 | .4005191 | 3.242897 |
| enviro | 1.606552 | .6236641 | 2.58 | 0.010 | .3841925 | 2.828911 |
| facfarm_une~l | 2.883934 | .7486302 | 3.85 | 0.000 | 1.416645 | 4.351222 |
| anwelf~gagree | 2.629816 | .5851695 | 4.49 | 0.000 | 1.482905 | 3.776728 |
| _cons | 3.098957 | .9933058 | 3.12 | 0.002 | 1.152114 | 5.045801 |
| **Sigma** | | | | | | |
| _cons | 6.039824 | .3042726 | 19.85 | 0.000 | 5.443461 | 6.636188 |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. nlcom (WTP:(_b[_cons] + lean_middle_mn*_b[lean_middle] + vegetarian_mn*_b[vege
> tarian] + efficient_mn*_b[efficient] + enviro_mn*_b[enviro] + facfarm_unethica
> l_mn*_b[facfarm_unethical]+ anwelfare_strongagree_mn*_b[anwelfare_strongagree]
> ))

        WTP: (_b[_cons] + lean_middle_mn*_b[lean_middle] + vegetarian_mn*_b[veg
> etarian] + efficient_mn*_b[efficient] + enviro_mn*_b[enviro] + facfarm_unethic
> al_mn*_b[facfarm_unethical]+ anwelfare_strongagree_mn*_b[anwelfare_strongagree
> ])
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| WTP | **4.05163** | **.2806949** | **14.43** | **0.000** | **3.501478** | **4.601782** |

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 meat_seldom work_retired workinag
> nearfarm area_rural groceries_always
variable meat_seldom not found
r(111);

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 meatpurchases_seldom work_retired
> workinag nearfarm area_rural groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -881.13642
Iteration 2:  Log likelihood = -881.05903
Iteration 3:  Log likelihood = -881.05899

                                                Number of obs =    594
                                                Wald chi2(6)  =   5.82
Log likelihood = -881.05899                     Prob > chi2   = 0.4431
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| meat~s_seldom | **-.2718955** | **1.578528** | **-0.17** | **0.863** | **-3.365754** | **2.821963** |
| work_retired | **-1.384081** | **.6058771** | **-2.28** | **0.022** | **-2.571578** | **-.1965834** |
| workinag | **-.0212914** | **.8285109** | **-0.03** | **0.979** | **-1.645143** | **1.60256** |
| nearfarm | **.5102753** | **.7627207** | **0.67** | **0.503** | **-.9846298** | **2.00518** |
| area_rural | **.2102661** | **.8352613** | **0.25** | **0.801** | **-1.426816** | **1.847348** |
| groceries_a~s | **.2420726** | **.6421638** | **0.38** | **0.706** | **-1.016545** | **1.500691** |
| _cons | **4.321087** | **.6103066** | **7.08** | **0.000** | **3.124908** | **5.517266** |
| **Sigma** | | | | | | |
| _cons | **6.500013** | **.3298521** | **19.71** | **0.000** | **5.853514** | **7.146511** |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2
```

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 meatpurchases_never_seldom work_re
> tired workinag nearfarm area_rural groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -881.13642
Iteration 2:  Log likelihood = -881.05903
Iteration 3:  Log likelihood = -881.05899

                                                      Number of obs =    594
                                                      Wald chi2(6)  =   5.82
Log likelihood = -881.05899                           Prob > chi2   = 0.4431
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| meat~r_seldom | -.2718955 | 1.578528 | -0.17 | 0.863 | -3.365754 | 2.821963 |
| work_retired | -1.384081 | .6058771 | -2.28 | 0.022 | -2.571578 | -.1965834 |
| workinag | -.0212914 | .8285109 | -0.03 | 0.979 | -1.645143 | 1.60256 |
| nearfarm | .5102753 | .7627207 | 0.67 | 0.503 | -.9846298 | 2.00518 |
| area_rural | .2102661 | .8352613 | 0.25 | 0.801 | -1.426816 | 1.847348 |
| groceries_a~s | .2420726 | .6421638 | 0.38 | 0.706 | -1.016545 | 1.500691 |
| _cons | 4.321087 | .6103066 | 7.08 | 0.000 | 3.124908 | 5.517266 |
| **Sigma** | | | | | | |
| _cons | 6.500013 | .3298521 | 19.71 | 0.000 | 5.853514 | 7.146511 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 work_retired workinag nearfarm are
> a_rural groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -881.15162
Iteration 2:  Log likelihood = -881.07387
Iteration 3:  Log likelihood = -881.07383

                                                      Number of obs =    594
                                                      Wald chi2(5)  =   5.80
Log likelihood = -881.07383                           Prob > chi2   = 0.3267
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_retired | -1.380759 | .6055936 | -2.28 | 0.023 | -2.567701 | -.1938174 |
| workinag | -.0209306 | .8285907 | -0.03 | 0.980 | -1.644939 | 1.603077 |
| nearfarm | .5177514 | .7615467 | 0.68 | 0.497 | -.9748527 | 2.010356 |
| area_rural | .2033647 | .8343331 | 0.24 | 0.807 | -1.431898 | 1.838627 |
| groceries_a~s | .2418722 | .6422039 | 0.38 | 0.706 | -1.016824 | 1.500569 |
| _cons | 4.309163 | .6064143 | 7.11 | 0.000 | 3.120612 | 5.497713 |
| **Sigma** | | | | | | |
| _cons | 6.500422 | .3298755 | 19.71 | 0.000 | 5.853878 | 7.146966 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 work_fulltime workinag nearfarm ar
> ea_rural groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -879.92326
Iteration 2:  Log likelihood = -879.84917
Iteration 3:  Log likelihood = -879.84912

                                                Number of obs =    594
                                                Wald chi2(5)  =   8.24
Log likelihood = -879.84912                     Prob > chi2   = 0.1435
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_fulltime | 1.975707 | .7147725 | 2.76 | 0.006 | .574779 | 3.376636 |
| workinag | -.0015487 | .8242104 | -0.00 | 0.999 | -1.616971 | 1.613874 |
| nearfarm | .3589563 | .7582873 | 0.47 | 0.636 | -1.127259 | 1.845172 |
| area_rural | .1926611 | .8297408 | 0.23 | 0.816 | -1.433601 | 1.818923 |
| groceries_a~s | .1137647 | .6372576 | 0.18 | 0.858 | -1.135237 | 1.362767 |
| _cons | 3.400049 | .5905941 | 5.76 | 0.000 | 2.242505 | 4.557592 |
| **Sigma** | | | | | | |
| _cons | 6.470698 | .3281303 | 19.72 | 0.000 | 5.827575 | 7.113822 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 work_notwork workinag nearfarm are
> a_rural groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -881.98159
Iteration 2:  Log likelihood = -881.91033
Iteration 3:  Log likelihood = -881.91024

                                                Number of obs =    594
                                                Wald chi2(5)  =   4.20
Log likelihood = -881.91024                     Prob > chi2   = 0.5204
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_notwork | -1.47025 | .7750948 | -1.90 | 0.058 | -2.989408 | .0489077 |
| workinag | -.0400709 | .8230256 | -0.05 | 0.961 | -1.653171 | 1.57303 |
| nearfarm | .3356757 | .7586684 | 0.44 | 0.658 | -1.151287 | 1.822639 |
| area_rural | .2223099 | .8293186 | 0.27 | 0.789 | -1.403125 | 1.847744 |
| groceries_a~s | .0764189 | .6356984 | 0.12 | 0.904 | -1.169527 | 1.322365 |
| _cons | 4.133881 | .5882492 | 7.03 | 0.000 | 2.980934 | 5.286828 |
| **Sigma** | | | | | | |
| _cons | 6.464943 | .3283756 | 19.69 | 0.000 | 5.821339 | 7.108547 |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 work_parttime_other workinag nearf
> arm area_rural groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood =  -882.8953
Iteration 2:  Log likelihood = -882.79293
Iteration 3:  Log likelihood = -882.79267
Iteration 4:  Log likelihood = -882.79267

                                                Number of obs =    594
                                                Wald chi2(5)  =   2.43
Log likelihood = -882.79267                     Prob > chi2   = 0.7867
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_partti~r | 1.198175 | .886789 | 1.35 | 0.177 | -.5398998 | 2.936249 |
| workinag | -.0096818 | .8268773 | -0.01 | 0.991 | -1.630332 | 1.610968 |
| nearfarm | .5368664 | .7607286 | 0.71 | 0.480 | -.9541344 | 2.027867 |
| area_rural | .1637091 | .8324304 | 0.20 | 0.844 | -1.467825 | 1.795243 |
| groceries_a~s | .1799117 | .6403464 | 0.28 | 0.779 | -1.075144 | 1.434968 |
| _cons | 3.598532 | .5944887 | 6.05 | 0.000 | 2.433356 | 4.763709 |
| **Sigma** | | | | | | |
| _cons | 6.494328 | .3297008 | 19.70 | 0.000 | 5.848126 | 7.14053 |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 work_fulltime workinag nearfarm ar
> ea_small groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -879.29123
Iteration 2:  Log likelihood = -879.19663
Iteration 3:  Log likelihood =  -879.1965
Iteration 4:  Log likelihood =  -879.1965

                                                Number of obs =    594
                                                Wald chi2(5)  =   9.51
Log likelihood = -879.1965                      Prob > chi2   = 0.0904
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_fulltime | 2.033331 | .7163642 | 2.84 | 0.005 | .6292835 | 3.437379 |
| workinag | -.0513786 | .8209857 | -0.06 | 0.950 | -1.660481 | 1.557724 |
| nearfarm | .3761491 | .698488 | 0.54 | 0.590 | -.9928622 | 1.74516 |
| area_small | 1.221971 | 1.048903 | 1.16 | 0.244 | -.8338409 | 3.277782 |
| groceries_a~s | .0346607 | .6349416 | 0.05 | 0.956 | -1.209802 | 1.279123 |
| _cons | 3.373584 | .5787387 | 5.83 | 0.000 | 2.239277 | 4.507891 |
| **Sigma** | | | | | | |
| _cons | 6.46428 | .3277315 | 19.72 | 0.000 | 5.821938 | 7.106622 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 work_fulltime workinag nearfarm ar
> ea_rural_small groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood =  -879.4483
Iteration 2:  Log likelihood = -879.36203
Iteration 3:  Log likelihood = -879.36193
Iteration 4:  Log likelihood = -879.36193

                                                Number of obs =    594
                                                Wald chi2(5)  =   9.20
Log likelihood = -879.36193                     Prob > chi2   = 0.1013
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_fulltime | 2.031026 | .7164237 | 2.83 | 0.005 | .6268614 | 3.435191 |
| workinag | -.1044646 | .8269503 | -0.13 | 0.899 | -1.725257 | 1.516328 |
| nearfarm | .1321654 | .7552063 | 0.18 | 0.861 | -1.348012 | 1.612343 |
| area_rural_~l | .7382505 | .7278343 | 1.01 | 0.310 | -.6882785 | 2.16478 |
| groceries_a~s | .123607 | .632988 | 0.20 | 0.845 | -1.117027 | 1.364241 |
| _cons | 3.283503 | .5947084 | 5.52 | 0.000 | 2.117896 | 4.449111 |
| **Sigma** | | | | | | |
| _cons | 6.462372 | .3276829 | 19.72 | 0.000 | 5.820125 | 7.104619 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 work_fulltime workinag nearfarm ar
> ea_urban groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -879.58679
Iteration 2:  Log likelihood = -879.50074
Iteration 3:  Log likelihood = -879.50065

                                                Number of obs =    594
                                                Wald chi2(5)  =   8.90
Log likelihood = -879.50065                     Prob > chi2   = 0.1129
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_fulltime | 1.911473 | .7174368 | 2.66 | 0.008 | .5053231 | 3.317624 |
| workinag | .038424 | .8201619 | 0.05 | 0.963 | -1.569064 | 1.645912 |
| nearfarm | .5171657 | .705554 | 0.73 | 0.464 | -.8656947 | 1.900026 |
| area_urban | .5714852 | .6601816 | 0.87 | 0.387 | -.7224471 | 1.865417 |
| groceries_a~s | .1023227 | .6334227 | 0.16 | 0.872 | -1.139163 | 1.343808 |
| _cons | 3.246359 | .6154991 | 5.27 | 0.000 | 2.040003 | 4.452715 |
| **Sigma** | | | | | | |
| _cons | 6.472392 | .3282232 | 19.72 | 0.000 | 5.829086 | 7.115698 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 work_fulltime workinag nearfarm ar
> ea_suburban groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -878.61251
Iteration 2:  Log likelihood = -878.48128
Iteration 3:  Log likelihood = -878.48095
Iteration 4:  Log likelihood = -878.48095

                                                Number of obs =    594
                                                Wald chi2(5)  =  10.90
Log likelihood = -878.48095                     Prob > chi2   = 0.0535
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_fulltime | **1.950193** | **.7134422** | **2.73** | **0.006** | **.5518716** | **3.348514** |
| workinag | **-.1195961** | **.8222015** | **-0.15** | **0.884** | **-1.731081** | **1.491889** |
| nearfarm | **.1760221** | **.7127294** | **0.25** | **0.805** | **-1.220902** | **1.572946** |
| area_suburban | **-1.029988** | **.6178204** | **-1.67** | **0.095** | **-2.240893** | **.1809179** |
| groceries_a~s | **.1437229** | **.6329684** | **0.23** | **0.820** | **-1.096872** | **1.384318** |
| _cons | **3.92595** | **.6461646** | **6.08** | **0.000** | **2.659491** | **5.19241** |
| **Sigma** | | | | | | |
| _cons | **6.459313** | **.3274936** | **19.72** | **0.000** | **5.817437** | **7.101189** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 work_fulltime workinag nearfarm ar
> ea_urban_suburban groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood =  -879.4483
Iteration 2:  Log likelihood = -879.36203
Iteration 3:  Log likelihood = -879.36193
Iteration 4:  Log likelihood = -879.36193

                                                Number of obs =    594
                                                Wald chi2(5)  =   9.20
Log likelihood = -879.36193                     Prob > chi2   = 0.1013
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_fulltime | **2.031026** | **.7164237** | **2.83** | **0.005** | **.6268614** | **3.435191** |
| workinag | **-.1044646** | **.8269503** | **-0.13** | **0.899** | **-1.725257** | **1.516328** |
| nearfarm | **.1321654** | **.7552063** | **0.18** | **0.861** | **-1.348012** | **1.612343** |
| area_urban_~n | **-.7382505** | **.7278343** | **-1.01** | **0.310** | **-2.16478** | **.6882785** |
| groceries_a~s | **.123607** | **.632988** | **0.20** | **0.845** | **-1.117027** | **1.364241** |
| _cons | **4.021754** | **.8183402** | **4.91** | **0.000** | **2.417837** | **5.625671** |
| **Sigma** | | | | | | |
| _cons | **6.462372** | **.3276829** | **19.72** | **0.000** | **5.820125** | **7.104619** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 work_fulltime workinag nearfarm ar
> ea_urban_suburban groceries_often

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -879.41543
Iteration 2:  Log likelihood = -879.32746
Iteration 3:  Log likelihood = -879.32735
Iteration 4:  Log likelihood = -879.32735

                                                Number of obs =    594
                                                Wald chi2(5)  =   9.26
Log likelihood = -879.32735                     Prob > chi2   = 0.0990
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. interval] | |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_fulltime | 2.030182 | .7165417 | 2.83 | 0.005 | .6257861 | 3.434578 |
| workinag | -.1019317 | .8270505 | -0.12 | 0.902 | -1.722921 | 1.519058 |
| nearfarm | .1350522 | .7542642 | 0.18 | 0.858 | -1.343279 | 1.613383 |
| area_urban_~n | -.7427807 | .7280322 | -1.02 | 0.308 | -2.169698 | .6841363 |
| groceries_o~n | -.2251169 | .687564 | -0.33 | 0.743 | -1.572718 | 1.122484 |
| _cons | 4.162924 | .7387552 | 5.64 | 0.000 | 2.71499 | 5.610857 |
| **Sigma** | | | | | | |
| _cons | 6.463441 | .3277647 | 19.72 | 0.000 | 5.821034 | 7.105848 |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. global vars_c1 work_fulltime area_suburban

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 vars_c1
variable vars_c1 not found
r(111);

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 $vars_c1

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -878.67445
Iteration 2:  Log likelihood = -878.54698
Iteration 3:  Log likelihood = -878.54669
Iteration 4:  Log likelihood = -878.54669

                                                Number of obs =    594
                                                Wald chi2(2)  =  10.76
Log likelihood = -878.54669                     Prob > chi2   = 0.0046
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_fulltime | **1.958751** | **.7131258** | **2.75** | **0.006** | **.5610501** | **3.356452** |
| area_suburban | **-1.048108** | **.5979552** | **-1.75** | **0.080** | **-2.220079** | **.1238622** |
| _cons | **4.053464** | **.4227713** | **9.59** | **0.000** | **3.224848** | **4.882081** |
| **Sigma** | | | | | | |
| _cons | **6.46114** | **.3275482** | **19.73** | **0.000** | **5.819157** | **7.103123** |

First-Bid Variable: **pork_bid_1**
Second-Bid Variable: **pork_bid_2**
First-Response Dummy Variable: **pork_1**
Second-Response Dummy Variable: **pork_2**

```
. nlcom (WTP:(_b[_cons] + work_fulltime_mn*_b[work_fulltime] + area_suburban_mn*
> _b[area_suburban]))

        WTP: (_b[_cons] + work_fulltime_mn*_b[work_fulltime] + area_suburban_mn
> *_b[area_suburban])
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| WTP | **4.035962** | **.2967215** | **13.60** | **0.000** | **3.454399** | **4.617526** |

```
. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 $vars_a1 $vars_b1 $vars_c1

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -26869.773
Rescale:      Log likelihood = -947.20651
Rescale eq:   Log likelihood = -891.38859
Iteration 0:  Log likelihood = -891.38859
Iteration 1:  Log likelihood = -841.40746
Iteration 2:  Log likelihood = -834.43601
Iteration 3:  Log likelihood = -834.34625
Iteration 4:  Log likelihood = -834.34616
Iteration 5:  Log likelihood = -834.34616

                                                Number of obs =    594
                                                Wald chi2(12) =  91.34
Log likelihood = -834.34616                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | **-.0591765** | **.021289** | **-2.78** | **0.005** | **-.1009022** | **-.0174509** |
| female | **.6833521** | **.6651633** | **1.03** | **0.304** | **-.620344** | **1.987048** |
| bachelors | **.2488413** | **.6685532** | **0.37** | **0.710** | **-1.061499** | **1.559182** |
| income | **-.0000163** | **6.90e-06** | **-2.36** | **0.018** | **-.0000298** | **-2.77e-06** |
| lean_middle | **1.568072** | **.7882463** | **1.99** | **0.047** | **.0231378** | **3.113007** |
| vegetarian | **-1.965975** | **.9164337** | **-2.15** | **0.032** | **-3.762152** | **-.1697975** |
| efficient | **1.427648** | **.726284** | **1.97** | **0.049** | **.0041572** | **2.851138** |
| enviro | **1.625239** | **.6152662** | **2.64** | **0.008** | **.4193394** | **2.831139** |
| facfarm_une~l | **3.001321** | **.7544276** | **3.98** | **0.000** | **1.52267** | **4.479972** |
| anwelf~gagree | **2.602353** | **.5874457** | **4.43** | **0.000** | **1.450981** | **3.753725** |
| work_fulltime | **1.389181** | **.7431947** | **1.87** | **0.062** | **-.0674537** | **2.845816** |
| area_suburban | **-.6065393** | **.5668891** | **-1.07** | **0.285** | **-1.717622** | **.504543** |
| _cons | **6.685187** | **1.582165** | **4.23** | **0.000** | **3.5842** | **9.786174** |
| **Sigma** | | | | | | |
| _cons | **5.914069** | **.2970164** | **19.91** | **0.000** | **5.331928** | **6.496211** |

```
First-Bid Variable:             pork_bid_1
Second-Bid Variable:            pork_bid_2
First-Response Dummy Variable:  pork_1
Second-Response Dummy Variable: pork_2

. nlcom (WTP:(_b[_cons] + age_mn*_b[age] + female_mn*_b[female] + bachelors_mn*_
> b[bachelors] + income_mn*_b[income] + lean_middle_mn*_b[lean_middle] + vegetar
> ian_mn*_b[vegetarian] + efficient_mn*_b[efficient] + enviro_mn*_b[enviro] + fa
> cfarm_unethical_mn*_b[facfarm_unethical]+ anwelfare_strongagree_mn*_b[anwelfar
> e_strongagree + work_fulltime_mn*_b[work_fulltime] + area_suburban_mn*_b[area_
> suburban]))
parentheses unbalanced
r(132);

. nlcom (WTP:(_b[_cons] + age_mn*_b[age] + female_mn*_b[female] + bachelors_mn*_
> b[bachelors] + income_mn*_b[income] + lean_middle_mn*_b[lean_middle] + vegetar
> ian_mn*_b[vegetarian] + efficient_mn*_b[efficient] + enviro_mn*_b[enviro] + fa
> cfarm_unethical_mn*_b[facfarm_unethical] + anwelfare_strongagree_mn*_b[anwelfa
> re_strongagree] + work_fulltime_mn*_b[work_fulltime] + area_suburban_mn*_b[are
> a_suburban]))

        WTP: (_b[_cons] + age_mn*_b[age] + female_mn*_b[female] + bachelors_mn*
> _b[bachelors] + income_mn*_b[income] + lean_middle_mn*_b[lean_middle] + vegeta
> rian_mn*_b[vegetarian] + efficient_mn*_b[efficient] + enviro_mn*_b[enviro] + f
> acfarm_unethical_mn*_b[facfarm_unethical] + anwelfare_strongagree_mn*_b[anwelf
> are_strongagree] + work_fulltime_mn*_b[work_fulltime] + area_suburban_mn*_b[ar
> ea_suburban])

------------------------------------------------------------------------------
             |  Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
         WTP |      4.0347   .2765237    14.59   0.000     3.492717     4.57667
------------------------------------------------------------------------------

.
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 married female white kids
> bachel income democrat republic enviro religion vegetarian efficient
There is an inconsistency in at least one of your observations.
Check for situations where the response to the first question is yes but the sec
> ond bid is lower than the first
or for situations where the response to the first question is no but the second
> bid is higher than the first.
After solving this issue try the command again.
r(498);

. codebook worker_bid_1

-------------------------------------------------------------------------------
worker_bid_1                                                      (unlabeled)
-------------------------------------------------------------------------------

                  Type: Numeric (float)

                 Range: [0,8]                         Units: 1
         Unique values: 9                         Missing .: 0/594
```

```
            Tabulation: Freq.  Value
                           58  0
                           72  1
                           58  2
                           68  3
                           62  4
                           67  5
                           77  6
                           60  7
                           72  8

.
. use "\\smb-isl01.fsu.edu\citrix\shsu\Desktop\animal products data 06_17_2025.d
> ta"

. summarize
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| StartDate | 0 | | | | |
| EndDate | 0 | | | | |
| Status | 0 | | | | |
| IPAddress | 0 | | | | |
| Progress | 0 | | | | |
| Durationin~s | 0 | | | | |
| Finished | 0 | | | | |
| RecordedDate | 0 | | | | |
| ResponseId | 0 | | | | |
| RecipientL~e | 0 | | | | |
| RecipientF~e | 0 | | | | |
| RecipientE~l | 0 | | | | |
| ExternalRe~e | 0 | | | | |
| LocationLa~e | 0 | | | | |
| LocationLo~e | 0 | | | | |
| Distributi~l | 0 | | | | |
| UserLanguage | 0 | | | | |
| Q_Recaptch~e | 0 | | | | |
| Q_Relev~cate | 0 | | | | |
| Q_Rel~eScore | 0 | | | | |
| Q_Rel~dScore | 0 | | | | |
| Q_Relev~Date | 0 | | | | |
| Age | 0 | | | | |
| age | 682 | 58.80938 | 14.15092 | 20 | 88 |
| Meatpurcha~s | 0 | | | | |
| Intro | 0 | | | | |
| PracticeRo~1 | 0 | | | | |
| Practicero~2 | 0 | | | | |
| PR2Redo | 0 | | | | |
| PorkVSALWTP | 0 | | | | |
| VSALDouble | 0 | | | | |
| VSALHalf | 0 | | | | |
| VSALConfid~1 | 0 | | | | |
| vsal_confid | 682 | 8.105572 | 1.916923 | 1 | 10 |
| VSLWTP | 0 | | | | |
| VSLDouble | 0 | | | | |
| VSLHalf | 0 | | | | |
| VSALconf_1 | 0 | | | | |
| vsl_confid | 682 | 8.156891 | 1.932112 | 1 | 10 |
| EnviroWTP | 0 | | | | |

| | | | | | |
|---|---|---|---|---|---|
| Greendouble | 0 | | | | |
| Greenhalf | 0 | | | | |
| Greenconf_1 | 0 | | | | |
| Married | 0 | | | | |
| Gender | 0 | | | | |
| Kids | 0 | | | | |
| Race | 0 | | | | |
| Citizenship | 0 | | | | |
| Religion | 0 | | | | |
| FullTimeSt~t | 0 | | | | |
| Major | 0 | | | | |
| Work | 0 | | | | |
| WorkinAg | 0 | | | | |
| NearFarm | 0 | | | | |
| Well | 0 | | | | |
| Vegetarian | 0 | | | | |
| Area | 0 | | | | |
| Education | 0 | | | | |
| Q175 | 0 | | | | |
| State | 0 | | | | |
| Groceries | 0 | | | | |
| Politicala~o | 0 | | | | |
| Lean | 0 | | | | |
| Vote | 0 | | | | |
| Enviro | 0 | | | | |
| Club | 0 | | | | |
| WaterSports | 0 | | | | |
| FactoryFarm | 0 | | | | |
| AnimalWelf~1 | 0 | | | | |
| Reason | 0 | | | | |
| Consequent~1 | 0 | | | | |
| Credibilit~1 | 0 | | | | |
| Riskymoney | 0 | | | | |
| Smoker | 0 | | | | |
| StudyClarity | 0 | | | | |
| VSALPrice | 0 | | | | |
| VSLPrice | 0 | | | | |
| EnvPrice | 0 | | | | |
| VSALbid | 0 | | | | |
| vsalbid | 682 | 3.953079 | 2.629467 | 0 | 8 |
| VSALdouble | 0 | | | | |
| vsal_doubl~d | 682 | 7.906158 | 5.258933 | 0 | 16 |
| VSLbid | 0 | | | | |
| vslbid | 682 | 4.05132 | 2.608358 | 0 | 8 |
| VSLdouble | 0 | | | | |
| vsl_double~d | 682 | 8.102639 | 5.216715 | 0 | 16 |
| Envbid | 0 | | | | |
| Envdouble | 0 | | | | |
| VSALhalf | 0 | | | | |
| vsal_half_~d | 682 | 1.97654 | 1.314733 | 0 | 4 |
| VSLhalf | 0 | | | | |
| vsl_half_bid | 682 | 2.02566 | 1.304179 | 0 | 4 |
| Envhalf | 0 | | | | |
| opp | 0 | | | | |
| QPMD | 0 | | | | |
| Q_TotalDur~n | 0 | | | | |

| | | | | | |
|---|---|---|---|---|---|
| Q_BallotBo~g | 0 | | | | |
| ProjectToken | 0 | | | | |
| SVID | 0 | | | | |
| transactio~d | 0 | | | | |
| rid | 0 | | | | |
| RISN | 0 | | | | |
| V | 0 | | | | |
| PID | 0 | | | | |
| psid | 0 | | | | |
| K2 | 0 | | | | |
| cintid | 0 | | | | |
| orderNumber | 0 | | | | |
| ID | 0 | | | | |
| p | 0 | | | | |
| vendor | 0 | | | | |
| s | 0 | | | | |
| gc | 0 | | | | |
| term | 0 | | | | |
| CompletedI~o | 0 | | | | |
| CompletedP~e | 0 | | | | |
| VSLLast | 0 | | | | |
| CompletedE~o | 0 | | | | |
| med | 0 | | | | |
| LS | 0 | | | | |
| PS | 0 | | | | |
| married | 682 | .3914956 | .4884431 | 0 | 1 |
| female | 682 | .7609971 | .4267875 | 0 | 1 |
| white | 682 | .7697947 | .4212731 | 0 | 1 |
| black | 682 | .1642229 | .3707496 | 0 | 1 |
| kids | 682 | .2390029 | .4267875 | 0 | 1 |
| bachelors | 682 | .2917889 | .4549193 | 0 | 1 |
| highered | 682 | 0 | 0 | 0 | 0 |
| income | 682 | 50041.5 | 43747.19 | 15000 | 225000 |
| lnincome | 682 | 10.50543 | .7878807 | 9.615806 | 12.32386 |
| democrat | 682 | .4076246 | .4917534 | 0 | 1 |
| republican | 682 | .3079179 | .4619712 | 0 | 1 |
| enviro | 682 | .3255132 | .4689102 | 0 | 1 |
| pork | 682 | .4560117 | .4984268 | 0 | 1 |
| worker | 682 | .5117302 | .5002293 | 0 | 1 |
| religion | 682 | .8944282 | .3075144 | 0 | 1 |
| vegetarian | 682 | .888563 | .3149034 | 0 | 1 |
| efficient | 682 | .1891496 | .3919148 | 0 | 1 |
| meatpurcha~r | 682 | 0 | 0 | 0 | 0 |
| mea~s_seldom | 682 | .0381232 | .1916341 | 0 | 1 |
| mea~r_seldom | 682 | .0381232 | .1916341 | 0 | 1 |
| porkdouble | 682 | .2961877 | .4569099 | 0 | 1 |
| porkhalf | 682 | .2346041 | .4240621 | 0 | 1 |
| workerdouble | 682 | .3196481 | .4666825 | 0 | 1 |
| workerhalf | 682 | .2111437 | .4084197 | 0 | 1 |
| work_retired | 682 | .4486804 | .4977244 | 0 | 1 |
| work_fullt~e | 682 | .2111437 | .4084197 | 0 | 1 |
| work_partt~r | 682 | .1363636 | .3434262 | 0 | 1 |
| work_notwork | 682 | .170088 | .3759858 | 0 | 1 |
| workinag | 682 | .1612903 | .3680685 | 0 | 1 |
| nearfarm | 682 | .255132 | .4362553 | 0 | 1 |
| area_rural | 682 | .2052786 | .4042015 | 0 | 1 |

| | | | | | |
|---|---|---|---|---|---|
| area_rural~l | 682 | .2961877 | .4569099 | 0 | 1 |
| area_small | 682 | .0909091 | .2876908 | 0 | 1 |
| area_urban | 682 | .2888563 | .4535636 | 0 | 1 |
| area_subur~n | 682 | .414956 | .4930761 | 0 | 1 |
| area_urban~n | 682 | .7038123 | .4569099 | 0 | 1 |
| groceries_~s | 682 | .670088 | .470526 | 0 | 1 |
| groceries_~n | 682 | .2595308 | .4386989 | 0 | 1 |
| lean_conserv | 682 | .0439883 | .2052195 | 0 | 1 |
| lean_very_~v | 682 | .0175953 | .1315716 | 0 | 1 |
| lean_progr | 682 | .016129 | .1260642 | 0 | 1 |
| lean_very_~r | 682 | .0117302 | .107748 | 0 | 1 |
| lean_middle | 682 | .1466276 | .3539939 | 0 | 1 |
| vote_trump | 682 | .3533724 | .4783679 | 0 | 1 |
| vote_biden | 682 | .4530792 | .4981589 | 0 | 1 |
| envir_group | 682 | .0615836 | .2405741 | 0 | 1 |
| facfarm_ne~l | 682 | .2917889 | .4549193 | 0 | 1 |
| facfarm_ef~c | 682 | .1891496 | .3919148 | 0 | 1 |
| facfarm_un~l | 682 | .1979472 | .3987446 | 0 | 1 |
| facfarm_du~o | 682 | .3035191 | .4601148 | 0 | 1 |
| anwelfare_~l | 682 | .1891496 | .3919148 | 0 | 1 |
| anwel~eagree | 682 | .3225806 | .4678069 | 0 | 1 |
| an~edisagree | 682 | .0410557 | .1985647 | 0 | 1 |
| anwel~gagree | 682 | .4281525 | .4951742 | 0 | 1 |
| an~gdisagree | 682 | .0190616 | .1368419 | 0 | 1 |
| pork_bid_1 | 682 | 3.953079 | 2.629467 | 0 | 8 |
| pork_1 | 682 | .4560117 | .4984268 | 0 | 1 |
| pork_2 | 682 | .5307918 | .4994172 | 0 | 1 |
| pork_bid_2 | 682 | 4.134164 | 4.139008 | 0 | 16 |
| worker_1 | 682 | .5117302 | .5002293 | 0 | 1 |
| worker_bid_1 | 682 | 4.05132 | 2.608358 | 0 | 8 |
| worker_2 | 682 | .5307918 | .4994172 | 0 | 1 |
| worker_bid_2 | 682 | 4.68695 | 4.606771 | 0 | 16 |

```
. codebook worker_bid_1

-------------------------------------------------------------------------------
worker_bid_1                                                    (unlabeled)
-------------------------------------------------------------------------------

                  Type: Numeric (float)

                 Range: [0,8]                         Units: 1
         Unique values: 9                         Missing .: 0/682

            Tabulation: Freq.  Value
                        74  0
                        83  1
                        65  2
                        76  3
                        70  4
                        78  5
                        83  6
                        70  7
                        83  8
```

```
. drop if worker_bid_1==0
(74 observations deleted)

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 married female white kids
> bachel income democrat republic enviro religion vegetarian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -904.53164
Iteration 2:  Log likelihood = -902.72058
Iteration 3:  Log likelihood = -902.71125
Iteration 4:  Log likelihood = -902.71125

                                                      Number of obs =    608
                                                      Wald chi2(12) =  37.38
Log likelihood = -902.71125                           Prob > chi2   = 0.0002
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| married | .0475996 | .6805621 | 0.07 | 0.944 | -1.286278 | 1.381477 |
| female | 2.286468 | .7528625 | 3.04 | 0.002 | .8108844 | 3.762051 |
| white | .295079 | .7735044 | 0.38 | 0.703 | -1.220962 | 1.81112 |
| kids | .9523085 | .7467564 | 1.28 | 0.202 | -.5113071 | 2.415924 |
| bachelors | .4911555 | .742146 | 0.66 | 0.508 | -.9634238 | 1.945735 |
| income | -3.81e-06 | 8.12e-06 | -0.47 | 0.639 | -.0000197 | .0000121 |
| democrat | .025486 | .7873576 | 0.03 | 0.974 | -1.517706 | 1.568679 |
| republican | -.9342306 | .8410682 | -1.11 | 0.267 | -2.582694 | .7142328 |
| enviro | 2.847056 | .7160063 | 3.98 | 0.000 | 1.443709 | 4.250403 |
| religion | -1.845298 | 1.039546 | -1.78 | 0.076 | -3.882771 | .1921743 |
| vegetarian | -.7909093 | 1.044729 | -0.76 | 0.449 | -2.83854 | 1.256722 |
| efficient | .6475741 | .8193649 | 0.79 | 0.429 | -.9583516 | 2.2535 |
| _cons | 4.331627 | 1.602886 | 2.70 | 0.007 | 1.190028 | 7.473227 |
| **Sigma** | | | | | | |
| _cons | 6.949302 | .3450633 | 20.14 | 0.000 | 6.27299 | 7.625613 |

```
First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 age married female white k
> ids bachel income democrat republic enviro religion vegetarian efficient

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -903.75097
Iteration 2:  Log likelihood =  -901.7077
Iteration 3:  Log likelihood = -901.69333
Iteration 4:  Log likelihood = -901.69332

                                                      Number of obs =    608
                                                      Wald chi2(13) =  39.18
Log likelihood = -901.69332                           Prob > chi2   = 0.0002
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.0365535 | .025686 | -1.42 | 0.155 | -.0868972 | .0137902 |
| married | .1203182 | .6826132 | 0.18 | 0.860 | -1.217579 | 1.458215 |
| female | 2.333015 | .754176 | 3.09 | 0.002 | .8548569 | 3.811173 |
| white | .5770994 | .7988788 | 0.72 | 0.470 | -.9886742 | 2.142873 |
| kids | .5334534 | .8016999 | 0.67 | 0.506 | -1.037849 | 2.104756 |
| bachelors | .5562331 | .7437391 | 0.75 | 0.455 | -.9014687 | 2.013935 |
| income | -3.52e-06 | 8.12e-06 | -0.43 | 0.664 | -.0000194 | .0000124 |
| democrat | .1761714 | .7949055 | 0.22 | 0.825 | -1.381815 | 1.734158 |
| republican | -.801131 | .846141 | -0.95 | 0.344 | -2.459537 | .8572749 |
| enviro | 2.860525 | .716431 | 3.99 | 0.000 | 1.456346 | 4.264704 |
| religion | -1.849433 | 1.039014 | -1.78 | 0.075 | -3.885864 | .1869975 |
| vegetarian | -.7250977 | 1.045552 | -0.69 | 0.488 | -2.774343 | 1.324147 |
| efficient | .4792791 | .8277816 | 0.58 | 0.563 | -1.143143 | 2.101701 |
| _cons | 6.14466 | 2.044994 | 3.00 | 0.003 | 2.136545 | 10.15278 |
| **Sigma** | | | | | | |
| _cons | 6.946291 | .3450215 | 20.13 | 0.000 | 6.270061 | 7.622521 |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 age married female white k
> ids bachelors income

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -922.53571
Iteration 2:  Log likelihood = -915.47797
Iteration 3:  Log likelihood = -915.43765
Iteration 4:  Log likelihood = -915.43762

                                                Number of obs =    608
                                                Wald chi2(7)  =  13.04
Log likelihood = -915.43762                     Prob > chi2   = 0.0711
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.0396725 | .0256805 | -1.54 | 0.122 | -.0900055 | .0106604 |
| married | -.0474574 | .6871697 | -0.07 | 0.945 | -1.394285 | 1.29937 |
| female | 2.022823 | .7595663 | 2.66 | 0.008 | .5341008 | 3.511546 |
| white | .3791929 | .7940114 | 0.48 | 0.633 | -1.177041 | 1.935427 |
| kids | .5647843 | .8115385 | 0.70 | 0.486 | -1.025802 | 2.155371 |
| bachelors | 1.059773 | .7500607 | 1.41 | 0.158 | -.4103189 | 2.529865 |
| income | -4.04e-06 | 8.23e-06 | -0.49 | 0.624 | -.0000202 | .0000121 |
| _cons | 5.176083 | 1.624964 | 3.19 | 0.001 | 1.991213 | 8.360954 |
| **Sigma** | | | | | | |
| _cons | 7.107181 | .3538037 | 20.09 | 0.000 | 6.413738 | 7.800623 |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
.
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 age female bachelors incom
> e

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -922.34233
Iteration 2:  Log likelihood =  -915.8303
Iteration 3:  Log likelihood = -915.79533
Iteration 4:  Log likelihood = -915.79532

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  12.33
Log likelihood = -915.79532                           Prob > chi2   = 0.0150
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | -.0429983 | .0228965 | -1.88 | 0.060 | -.0878746 | .001878 |
| female | 2.137515 | .7437651 | 2.87 | 0.004 | .6797617 | 3.595268 |
| bachelors | 1.05618 | .7498702 | 1.41 | 0.159 | -.4135388 | 2.525898 |
| income | -3.43e-06 | 7.87e-06 | -0.44 | 0.663 | -.0000189 | .000012 |
| _cons | 5.662103 | 1.492124 | 3.79 | 0.000 | 2.737593 | 8.586612 |
| **Sigma** | | | | | | |
| _cons | 7.111687 | .353986 | 20.09 | 0.000 | 6.417888 | 7.805487 |

```
First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. global allvars2 age married female white black kids bachelors highered income
> lnincome democrat republican enviro religion vegetarian efficient meatpurchase
> s_never meatpurchases_seldom meatpurchases_never_seldom work_retired work_full
> time work_parttime_other work_notwork workinag nearfarm area_rural area_rural_
> small area_small area_urban area_suburban area_urban_suburban groceries_always
>  groceries_often lean_conserv lean_very_conserv lean_progr lean_very_progr lea
> n_middle vote_trump vote_biden enviro_group facfarm_neutral facfarm_effic facf
> arm_unethical anwelfare_neutral anwelfare_someagree anwelfare_somedisagree anw
> elfare_strongagree anwelfare_strongdisagree

. foreach i of varlist $allvars2 {
  2. quietly summarize `i'
  3. scalar `i'_mn = r(mean)
  4. }
variable enviro_group not found
r(111);

. global allvars2 age married female white black kids bachelors highered income
> lnincome democrat republican enviro religion vegetarian efficient meatpurchase
> s_never meatpurchases_seldom meatpurchases_never_seldom work_retired work_full
> time work_parttime_other work_notwork workinag nearfarm area_rural area_rural_
> small area_small area_urban area_suburban area_urban_suburban groceries_always
>  groceries_often lean_conserv lean_very_conserv lean_progr lean_very_progr lea
> n_middle vote_trump vote_biden envir_group facfarm_neutral facfarm_effic facfa
> rm_unethical anwelfare_neutral anwelfare_someagree anwelfare_somedisagree anwe
> lfare_strongagree anwelfare_strongdisagree
```

```
. foreach i of varlist $allvars2 {
  2. quietly summarize `i'
  3. scalar `i'_mn = r(mean)
  4. }

. foreach v of varlist $allvars2 {
  2. display `v'_mn
  3. }
58.962171
.39802632
.75164474
.76151316
.16940789
.23848684
.29111842
0
50223.355
10.512312
.40789474
.31085526
.31907895
.89144737
.88815789
.19243421
0
.04111842
.04111842
.44407895
.20888158
.13651316
.17763158
.16611842
.26151316
.20394737
.29276316
.08881579
.28782895
.41940789
.70723684
.66282895
.26315789
.04769737
.01809211
.01480263
.00986842
.14144737
.35526316
.45065789
.06578947
.28947368
.19243421
.19572368
.19736842
.31743421
.03947368
.42434211
.02138158
```

```
. nlcom (WTP:(_b[_cons] + age_mn*_b[age] + female_mn*_b[female] + bachelors_mn*_
> b[bachelors] + income_mn*_b[income]))

        WTP: (_b[_cons] + age_mn*_b[age] + female_mn*_b[female] + bachelors_mn*
> _b[bachelors] + income_mn*_b[income])
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| WTP | **4.86845** | **.319744** | **15.23** | **0.000** | **4.241763** | **5.495137** |

```
. global wvars_a1 age female bachelors income

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 $wvars_a1

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -922.34233
Iteration 2:  Log likelihood =  -915.8303
Iteration 3:  Log likelihood = -915.79533
Iteration 4:  Log likelihood = -915.79532

                                                Number of obs =    608
                                                Wald chi2(4)  =  12.33
Log likelihood = -915.79532                     Prob > chi2   = 0.0150
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| age | **-.0429983** | **.0228965** | **-1.88** | **0.060** | **-.0878746** | **.001878** |
| female | **2.137515** | **.7437651** | **2.87** | **0.004** | **.6797617** | **3.595268** |
| bachelors | **1.05618** | **.7498702** | **1.41** | **0.159** | **-.4135388** | **2.525898** |
| income | **-3.43e-06** | **7.87e-06** | **-0.44** | **0.663** | **-.0000189** | **.000012** |
| _cons | **5.662103** | **1.492124** | **3.79** | **0.000** | **2.737593** | **8.586612** |
| **Sigma** | | | | | | |
| _cons | **7.111687** | **.353986** | **20.09** | **0.000** | **6.417888** | **7.805487** |

```
First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 democrat enviro religion e
> fficient lean_conserv vote_trump envir_group facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -906.97972
Iteration 2:  Log likelihood = -905.60992
Iteration 3:  Log likelihood = -905.60716
Iteration 4:  Log likelihood = -905.60716

                                                Number of obs =    608
                                                Wald chi2(8)  =  31.85
Log likelihood = -905.60716                     Prob > chi2   = 0.0001
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| democrat | -.2120227 | .8246389 | -0.26 | 0.797 | -1.828285 | 1.40424 |
| enviro | 2.741296 | .7232028 | 3.79 | 0.000 | 1.323844 | 4.158747 |
| religion | -1.854488 | 1.036502 | -1.79 | 0.074 | -3.885994 | .1770188 |
| efficient | -.1423346 | .8558022 | -0.17 | 0.868 | -1.819676 | 1.535007 |
| lean_conserv | -1.304784 | 1.545253 | -0.84 | 0.398 | -4.333425 | 1.723857 |
| vote_trump | -.9901716 | .8385998 | -1.18 | 0.238 | -2.633797 | .6534538 |
| envir_group | .4714246 | 1.341456 | 0.35 | 0.725 | -2.157781 | 3.10063 |
| facfarm_neu~l | -1.705605 | .7445029 | -2.29 | 0.022 | -3.164804 | -.246406 |
| _cons | 6.644523 | 1.183482 | 5.61 | 0.000 | 4.32494 | 8.964105 |
| **Sigma** | | | | | | |
| _cons | 6.995831 | .3477622 | 20.12 | 0.000 | 6.31423 | 7.677432 |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 democrat enviro religion e
> fficient vote_trump facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood =    -907.36
Iteration 2:  Log likelihood = -906.02341
Iteration 3:  Log likelihood = -906.02086
Iteration 4:  Log likelihood = -906.02086

                                                Number of obs =    608
                                                Wald chi2(6)  =  31.03
Log likelihood = -906.02086                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| democrat | -.0935063 | .8148196 | -0.11 | 0.909 | -1.690523 | 1.503511 |
| enviro | 2.826505 | .6991219 | 4.04 | 0.000 | 1.456251 | 4.196759 |
| religion | -1.899187 | 1.027521 | -1.85 | 0.065 | -3.91309 | .114716 |
| efficient | -.1180473 | .8565802 | -0.14 | 0.890 | -1.796914 | 1.560819 |
| vote_trump | -.9464455 | .8383458 | -1.13 | 0.259 | -2.589573 | .6966821 |
| facfarm_neu~l | -1.707972 | .7432855 | -2.30 | 0.022 | -3.164785 | -.2511593 |
| _cons | 6.560236 | 1.169792 | 5.61 | 0.000 | 4.267486 | 8.852986 |
| **Sigma** | | | | | | |
| _cons | 7.007622 | .3482769 | 20.12 | 0.000 | 6.325012 | 7.690232 |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 democrat enviro religion v
> ote_trump facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood =  -907.3685
Iteration 2:  Log likelihood =  -906.0329
Iteration 3:  Log likelihood = -906.03035
Iteration 4:  Log likelihood = -906.03035

                                                      Number of obs =    608
                                                      Wald chi2(5)  =  31.01
Log likelihood = -906.03035                           Prob > chi2   = 0.0000

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Beta         |
    democrat |  -.1108045   .8051217    -0.14   0.891    -1.688814    1.467205
      enviro |   2.826986   .6991687     4.04   0.000     1.456641    4.197332
    religion |  -1.895355   1.027253    -1.85   0.065    -3.908734    .1180234
  vote_trump |  -.9595461   .8330295    -1.15   0.249    -2.592254    .6731616
facfarm_neu~l|  -1.676066   .7062658    -2.37   0.018    -3.060322   -.2918109
       _cons |    6.53669   1.157394     5.65   0.000      4.26824    8.805141
-------------+----------------------------------------------------------------
Sigma        |
       _cons |    7.00823   .3483104    20.12   0.000     6.325554    7.690906
------------------------------------------------------------------------------

First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 republican enviro religion
>  vote_trump facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -907.36944
Iteration 2:  Log likelihood = -906.03316
Iteration 3:  Log likelihood = -906.03061
Iteration 4:  Log likelihood = -906.03061

                                                      Number of obs =    608
                                                      Wald chi2(5)  =  31.01
Log likelihood = -906.03061                           Prob > chi2   = 0.0000

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Beta         |
  republican |  -.1291782   .9516031    -0.14   0.892    -1.994286     1.73593
      enviro |   2.813274   .6985004     4.03   0.000     1.444239     4.18231
    religion |  -1.899456   1.027163    -1.85   0.064    -3.912658     .113747
  vote_trump |  -.8068982   .9252152    -0.87   0.383    -2.620287     1.00649
facfarm_neu~l|  -1.677773   .7063502    -2.38   0.018    -3.062194    -.293352
       _cons |   6.485377    1.06178     6.11   0.000     4.404325    8.566428
-------------+----------------------------------------------------------------
Sigma        |
       _cons |   7.008791   .3482781    20.12   0.000     6.326178    7.691403
------------------------------------------------------------------------------
```

```
First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 lean_conserv enviro religi
> on vote_trump facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -907.08683
Iteration 2:  Log likelihood = -905.72195
Iteration 3:  Log likelihood = -905.71923
Iteration 4:  Log likelihood = -905.71923

                                                      Number of obs =    608
                                                      Wald chi2(5)  =  31.60
Log likelihood = -905.71923                           Prob > chi2   = 0.0000

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Beta         |
 lean_conserv |  -1.220003   1.525257    -0.80   0.424    -4.209451    1.769444
       enviro |   2.795388   .6967537     4.01   0.000     1.429776       4.161
     religion |  -1.905481   1.026733    -1.86   0.063    -3.917842    .1068787
   vote_trump |  -.8579279   .6771068    -1.27   0.205    -2.185033     .469177
facfarm_neu~l |  -1.652606   .7062656    -2.34   0.019    -3.036861   -.2683504
        _cons |   6.523076   1.058565     6.16   0.000     4.448327    8.597824
-------------+----------------------------------------------------------------
Sigma        |
        _cons |   7.002998   .3479176    20.13   0.000     6.321092    7.684904
------------------------------------------------------------------------------

First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion vote_trump
>  facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood =  -907.3783
Iteration 2:  Log likelihood = -906.04238
Iteration 3:  Log likelihood = -906.03982
Iteration 4:  Log likelihood = -906.03982

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  30.98
Log likelihood = -906.03982                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| enviro | **2.819483** | **.6970729** | **4.04** | **0.000** | **1.453245** | **4.185721** |
| religion | **-1.897581** | **1.027223** | **-1.85** | **0.065** | **-3.910901** | **.1157386** |
| vote_trump | **-.892605** | **.6763777** | **-1.32** | **0.187** | **-2.218281** | **.4330709** |
| facfarm_neu~l | **-1.676589** | **.7063484** | **-2.37** | **0.018** | **-3.061006** | **-.2921712** |
| _cons | **6.471856** | **1.057244** | **6.12** | **0.000** | **4.399695** | **8.544017** |
| **Sigma** | | | | | | |
| _cons | **7.009224** | **.3482951** | **20.12** | **0.000** | **6.326578** | **7.69187** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion lean_conse
> rv facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -907.83724
Iteration 2:  Log likelihood = -906.52208
Iteration 3:  Log likelihood = -906.51949
Iteration 4:  Log likelihood = -906.51949

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  29.96
Log likelihood = -906.51949                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| enviro | **2.945807** | **.6903036** | **4.27** | **0.000** | **1.592837** | **4.298777** |
| religion | **-1.850379** | **1.030092** | **-1.80** | **0.072** | **-3.869323** | **.1685646** |
| lean_conserv | **-1.346439** | **1.529496** | **-0.88** | **0.379** | **-4.344196** | **1.651318** |
| facfarm_neu~l | **-1.772183** | **.7029456** | **-2.52** | **0.012** | **-3.149931** | **-.3944346** |
| _cons | **6.160091** | **1.023365** | **6.02** | **0.000** | **4.154332** | **8.165849** |
| **Sigma** | | | | | | |
| _cons | **7.027138** | **.3489787** | **20.14** | **0.000** | **6.343152** | **7.711124** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion lean_very_
> conserv facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -908.19661
Iteration 2:  Log likelihood = -906.90604
Iteration 3:  Log likelihood = -906.90338
Iteration 4:  Log likelihood = -906.90337

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  29.23
Log likelihood = -906.90337                           Prob > chi2   = 0.0000

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Beta         |
      enviro |   2.979717   .6904265     4.32   0.000     1.626506    4.332928
    religion |  -1.843735   1.031986    -1.79   0.074     -3.86639    .1789207
lean_very_c~v |   .2121226   2.250971     0.09   0.925    -4.199699    4.623944
facfarm_neu~l |  -1.805681   .7030078    -2.57   0.010    -3.183551   -.4278108
       _cons |   6.087313   1.020769     5.96   0.000     4.086643    8.087984
-------------+----------------------------------------------------------------
Sigma        |
       _cons |   7.034861   .3494356    20.13   0.000      6.34998    7.719742
------------------------------------------------------------------------------

First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion lean_very_
> progr facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -908.19628
Iteration 2:  Log likelihood = -906.90457
Iteration 3:  Log likelihood = -906.90189
Iteration 4:  Log likelihood = -906.90189

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  29.23
Log likelihood = -906.90189                           Prob > chi2   = 0.0000

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Beta         |
      enviro |   2.976084   .6911518     4.31   0.000     1.621451    4.330716
    religion |  -1.838178   1.030902    -1.78   0.075    -3.858708    .1823524
lean_very_p~r |   .3522469   3.237632     0.11   0.913    -5.993395    6.697889
facfarm_neu~l |  -1.801961   .7032655    -2.56   0.010    -3.180336   -.4235856
       _cons |   6.083297   1.021445     5.96   0.000     4.081301    8.085292
-------------+----------------------------------------------------------------
Sigma        |
       _cons |   7.035249   .3494665    20.13   0.000     6.350307    7.720191
------------------------------------------------------------------------------
```

```
First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion lean_progr
>  facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -907.28847
Iteration 2:  Log likelihood = -905.89471
Iteration 3:  Log likelihood = -905.89177
Iteration 4:  Log likelihood = -905.89177

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  30.99
Log likelihood = -905.89177                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| enviro | 3.092633 | .695719 | 4.45 | 0.000 | 1.729049 | 4.456217 |
| religion | -1.845429 | 1.029934 | -1.79 | 0.073 | -3.864063 | .173205 |
| lean_progr | -3.682531 | 2.607469 | -1.41 | 0.158 | -8.793078 | 1.428015 |
| facfarm_neu~l | -1.802141 | .7025092 | -2.57 | 0.010 | -3.179034 | -.4252481 |
| _cons | 6.114117 | 1.020012 | 5.99 | 0.000 | 4.114931 | 8.113303 |
| **Sigma** | | | | | | |
| _cons | 7.026463 | .3490725 | 20.13 | 0.000 | 6.342293 | 7.710632 |

```
First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion lean_middl
> e facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood =  -907.6814
Iteration 2:  Log likelihood = -906.36699
Iteration 3:  Log likelihood = -906.36448
Iteration 4:  Log likelihood = -906.36448

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  30.34
Log likelihood = -906.36448                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| enviro | **2.964153** | **.6887266** | **4.30** | **0.000** | **1.614274** | **4.314033** |
| religion | **-1.82984** | **1.028038** | **-1.78** | **0.075** | **-3.844758** | **.1850773** |
| lean_middle | **.9563885** | **.9159697** | **1.04** | **0.296** | **-.8388791** | **2.751656** |
| facfarm_neu~l | **-1.807993** | **.7009402** | **-2.58** | **0.010** | **-3.181811** | **-.4341759** |
| _cons | **5.953085** | **1.025983** | **5.80** | **0.000** | **3.942195** | **7.963975** |
| **Sigma** | | | | | | |
| _cons | **7.015664** | **.348706** | **20.12** | **0.000** | **6.332213** | **7.699116** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion vote_trump
>  facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood =  -907.3783
Iteration 2:  Log likelihood = -906.04238
Iteration 3:  Log likelihood = -906.03982
Iteration 4:  Log likelihood = -906.03982

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  30.98
Log likelihood = -906.03982                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| enviro | **2.819483** | **.6970729** | **4.04** | **0.000** | **1.453245** | **4.185721** |
| religion | **-1.897581** | **1.027223** | **-1.85** | **0.065** | **-3.910901** | **.1157386** |
| vote_trump | **-.892605** | **.6763777** | **-1.32** | **0.187** | **-2.218281** | **.4330709** |
| facfarm_neu~l | **-1.676589** | **.7063484** | **-2.37** | **0.018** | **-3.061006** | **-.2921712** |
| _cons | **6.471856** | **1.057244** | **6.12** | **0.000** | **4.399695** | **8.544017** |
| **Sigma** | | | | | | |
| _cons | **7.009224** | **.3482951** | **20.12** | **0.000** | **6.326578** | **7.69187** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion vote_biden
>  facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -908.14455
Iteration 2:  Log likelihood = -906.85668
Iteration 3:  Log likelihood = -906.85409
Iteration 4:  Log likelihood = -906.85409

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  29.35
Log likelihood = -906.85409                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| enviro | 2.937366 | .7015344 | 4.19 | 0.000 | 1.562383 | 4.312348 |
| religion | -1.852567 | 1.030788 | -1.80 | 0.072 | -3.872874 | .1677391 |
| vote_biden | .2130259 | .6495871 | 0.33 | 0.743 | -1.060141 | 1.486193 |
| facfarm_neu~l | -1.787464 | .7042857 | -2.54 | 0.011 | -3.167839 | -.4070898 |
| _cons | 6.010818 | 1.046069 | 5.75 | 0.000 | 3.96056 | 8.061077 |
| **Sigma** | | | | | | |
| _cons | 7.031638 | .3493476 | 20.13 | 0.000 | 6.346929 | 7.716346 |

```
First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion vote_trump
>  facfarm_neutral

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood =  -907.3783
Iteration 2:  Log likelihood = -906.04238
Iteration 3:  Log likelihood = -906.03982
Iteration 4:  Log likelihood = -906.03982

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  30.98
Log likelihood = -906.03982                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| enviro | 2.819483 | .6970729 | 4.04 | 0.000 | 1.453245 | 4.185721 |
| religion | -1.897581 | 1.027223 | -1.85 | 0.065 | -3.910901 | .1157386 |
| vote_trump | -.892605 | .6763777 | -1.32 | 0.187 | -2.218281 | .4330709 |
| facfarm_neu~l | -1.676589 | .7063484 | -2.37 | 0.018 | -3.061006 | -.2921712 |
| _cons | 6.471856 | 1.057244 | 6.12 | 0.000 | 4.399695 | 8.544017 |
| **Sigma** | | | | | | |
| _cons | 7.009224 | .3482951 | 20.12 | 0.000 | 6.326578 | 7.69187 |

```
First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion vote_trump
>  facfarm_effic

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -909.85419
Iteration 2:  Log likelihood = -908.69971
Iteration 3:  Log likelihood = -908.69604
Iteration 4:  Log likelihood = -908.69604

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  25.92
Log likelihood = -908.69604                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| enviro | 2.834265 | .7004266 | 4.05 | 0.000 | 1.461454 | 4.207075 |
| religion | -1.950367 | 1.033833 | -1.89 | 0.059 | -3.976644 | .0759088 |
| vote_trump | -1.102415 | .674016 | -1.64 | 0.102 | -2.423462 | .2186319 |
| facfarm_effic | .4756631 | .8098107 | 0.59 | 0.557 | -1.111537 | 2.062863 |
| _cons | 6.012667 | 1.069163 | 5.62 | 0.000 | 3.917146 | 8.108187 |
| **Sigma** | | | | | | |
| _cons | 7.049228 | .3506446 | 20.10 | 0.000 | 6.361978 | 7.736479 |

```
First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion vote_trump
>  facfarm_unethical

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -904.39377
Iteration 2:  Log likelihood = -902.53673
Iteration 3:  Log likelihood = -902.52693
Iteration 4:  Log likelihood = -902.52693

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  37.69
Log likelihood = -902.52693                           Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| enviro | **2.449597** | **.6962833** | **3.52** | **0.000** | **1.084907** | **3.814287** |
| religion | **-2.02142** | **1.018503** | **-1.98** | **0.047** | **-4.017648** | **-.0251909** |
| vote_trump | **-1.089156** | **.6636577** | **-1.64** | **0.101** | **-2.389901** | **.2115891** |
| facfarm_une~l | **2.853135** | **.8018618** | **3.56** | **0.000** | **1.281515** | **4.424755** |
| _cons | **5.729754** | **1.043046** | **5.49** | **0.000** | **3.685422** | **7.774086** |
| **Sigma** | | | | | | |
| _cons | **6.936302** | **.3440743** | **20.16** | **0.000** | **6.261929** | **7.610676** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion vote_trump
>  facfarm_dunno

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -909.16951
Iteration 2:  Log likelihood = -907.97757
Iteration 3:  Log likelihood = -907.97466
Iteration 4:  Log likelihood = -907.97466

                                                Number of obs =    608
                                                Wald chi2(4)  =  27.31
Log likelihood = -907.97466                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| enviro | **2.717685** | **.7039348** | **3.86** | **0.000** | **1.337999** | **4.097372** |
| religion | **-1.974434** | **1.031968** | **-1.91** | **0.056** | **-3.997055** | **.0481869** |
| vote_trump | **-1.194201** | **.6757864** | **-1.77** | **0.077** | **-2.518718** | **.1303159** |
| facfarm_dunno | **-.9303135** | **.6958682** | **-1.34** | **0.181** | **-2.29419** | **.4335631** |
| _cons | **6.47961** | **1.084879** | **5.97** | **0.000** | **4.353287** | **8.605934** |
| **Sigma** | | | | | | |
| _cons | **7.033194** | **.3496997** | **20.11** | **0.000** | **6.347795** | **7.718593** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 enviro religion vote_trump
>  facfarm_unethical

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -904.39377
Iteration 2:  Log likelihood = -902.53673
Iteration 3:  Log likelihood = -902.52693
Iteration 4:  Log likelihood = -902.52693

                                                Number of obs =    608
                                                Wald chi2(4)  =  37.69
Log likelihood = -902.52693                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| enviro | 2.449597 | .6962833 | 3.52 | 0.000 | 1.084907 | 3.814287 |
| religion | -2.02142 | 1.018503 | -1.98 | 0.047 | -4.017648 | -.0251909 |
| vote_trump | -1.089156 | .6636577 | -1.64 | 0.101 | -2.389901 | .2115891 |
| facfarm_une~l | 2.853135 | .8018618 | 3.56 | 0.000 | 1.281515 | 4.424755 |
| _cons | 5.729754 | 1.043046 | 5.49 | 0.000 | 3.685422 | 7.774086 |
| **Sigma** | | | | | | |
| _cons | 6.936302 | .3440743 | 20.16 | 0.000 | 6.261929 | 7.610676 |

```
First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. nlcom (WTP:(_b[_cons] + enviro_mn*_b[enviro] + religion_mn*_b[religion] + vote
> _trump_mn*_b[vote_trump] + facfarm_unethical_mn*_b[facfarm_unethical]))

         WTP: (_b[_cons] + enviro_mn*_b[enviro] + religion_mn*_b[religion] + vot
> e_trump_mn*_b[vote_trump] + facfarm_unethical_mn*_b[facfarm_unethical])
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| WTP | 4.880869 | .3133179 | 15.58 | 0.000 | 4.266777 | 5.494961 |

```
. global wvars_b1 enviro religion vote_trump facfarm_unethical

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 $wvars_b1

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -904.39377
Iteration 2:  Log likelihood = -902.53673
Iteration 3:  Log likelihood = -902.52693
Iteration 4:  Log likelihood = -902.52693

                                                Number of obs =    608
                                                Wald chi2(4)  =  37.69
Log likelihood = -902.52693                     Prob > chi2   = 0.0000
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| enviro | **2.449597** | **.6962833** | **3.52** | **0.000** | **1.084907** | **3.814287** |
| religion | **-2.02142** | **1.018503** | **-1.98** | **0.047** | **-4.017648** | **-.0251909** |
| vote_trump | **-1.089156** | **.6636577** | **-1.64** | **0.101** | **-2.389901** | **.2115891** |
| facfarm_une~l | **2.853135** | **.8018618** | **3.56** | **0.000** | **1.281515** | **4.424755** |
| _cons | **5.729754** | **1.043046** | **5.49** | **0.000** | **3.685422** | **7.774086** |
| **Sigma** | | | | | | |
| _cons | **6.936302** | **.3440743** | **20.16** | **0.000** | **6.261929** | **7.610676** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 meatpurchases_seldom work_
> retired workinag nearfarm area_rural groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -921.78616
Iteration 2:  Log likelihood =  -918.2187
Iteration 3:  Log likelihood = -918.18861
Iteration 4:  Log likelihood =  -918.1886

                                                      Number of obs =    608
                                                      Wald chi2(6)  =   7.61
Log likelihood = -918.1886                            Prob > chi2   = 0.2684
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| meat~s_seldom | **.2384493** | **1.611048** | **0.15** | **0.882** | **-2.919147** | **3.396045** |
| work_retired | **-1.250561** | **.6522078** | **-1.92** | **0.055** | **-2.528865** | **.0277423** |
| workinag | **.6078049** | **.8863398** | **0.69** | **0.493** | **-1.129389** | **2.344999** |
| nearfarm | **1.44636** | **.811594** | **1.78** | **0.075** | **-.1443347** | **3.037055** |
| area_rural | **-.542682** | **.8882829** | **-0.61** | **0.541** | **-2.283685** | **1.19832** |
| groceries_a~s | **-.2627789** | **.6867327** | **-0.38** | **0.702** | **-1.60875** | **1.083193** |
| _cons | **5.219863** | **.6636992** | **7.86** | **0.000** | **3.919037** | **6.52069** |
| **Sigma** | | | | | | |
| _cons | **7.151421** | **.3568634** | **20.04** | **0.000** | **6.451982** | **7.85086** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 meatpurchases_never_seldom
>  work_retired workinag nearfarm area_rural groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -921.78616
Iteration 2:  Log likelihood =  -918.2187
Iteration 3:  Log likelihood = -918.18861
Iteration 4:  Log likelihood =  -918.1886

                                                      Number of obs =    608
                                                      Wald chi2(6)  =   7.61
Log likelihood = -918.1886                            Prob > chi2   = 0.2684

------------------------------------------------------------------------------
             |      Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
Beta         |
meat~r_seldom|      .2384493   1.611048     0.15   0.882    -2.919147    3.396045
 work_retired|     -1.250561   .6522078    -1.92   0.055    -2.528865    .0277423
     workinag|      .6078049   .8863398     0.69   0.493    -1.129389    2.344999
     nearfarm|       1.44636    .811594     1.78   0.075    -.1443347    3.037055
   area_rural|     -.542682   .8882829    -0.61   0.541    -2.283685     1.19832
groceries_a~s|     -.2627789   .6867327    -0.38   0.702     -1.60875    1.083193
        _cons|      5.219863   .6636992     7.86   0.000     3.919037     6.52069
-------------+----------------------------------------------------------------
Sigma        |
        _cons|      7.151421   .3568634    20.04   0.000     6.451982     7.85086
------------------------------------------------------------------------------

First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 meatpurchases_never_seldom
>  work_fulltime workinag nearfarm area_rural groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -921.79671
Iteration 2:  Log likelihood = -917.40754
Iteration 3:  Log likelihood = -917.37906
Iteration 4:  Log likelihood = -917.37906

                                                      Number of obs =    608
                                                      Wald chi2(6)  =   9.20
Log likelihood = -917.37906                           Prob > chi2   = 0.1628

------------------------------------------------------------------------------
             |      Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
Beta         |
meat~r_seldom|      .4320678   1.608108     0.27   0.788    -2.719765    3.583901
work_fulltime|      1.829626    .795957     2.30   0.022     .2695788    3.389673
     workinag|      .6479359   .8851965     0.73   0.464    -1.087017    2.382889
     nearfarm|      1.302199   .8110449     1.61   0.108    -.2874198    2.891818
   area_rural|     -.5622458   .8861555    -0.63   0.526    -2.299079    1.174587
groceries_a~s|     -.352311    .684345    -0.51   0.607    -1.693603    .9889805
        _cons|      4.379192   .6378365     6.87   0.000     3.129055    5.629328
-------------+----------------------------------------------------------------
```

| | | | | | | |
|---|---|---|---|---|---|---|
| **Sigma** | | | | | | |
| _cons | **7.139383** | **.3561994** | **20.04** | **0.000** | **6.441245** | **7.837521** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 meatpurchases_never_seldom
>  work_parttime_other workinag nearfarm area_rural groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -922.17255
Iteration 2:  Log likelihood = -920.03305
Iteration 3:  Log likelihood = -920.02015
Iteration 4:  Log likelihood = -920.02015

                                                      Number of obs =    608
                                                      Wald chi2(6)  =   3.97
Log likelihood = -920.02015                           Prob > chi2   = 0.6806
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| meat~r_seldom | **.3589083** | **1.617069** | **0.22** | **0.824** | **-2.810488** | **3.528305** |
| work_partti~r | **.1366904** | **.9365778** | **0.15** | **0.884** | **-1.698968** | **1.972349** |
| workinag | **.6156852** | **.8885475** | **0.69** | **0.488** | **-1.125836** | **2.357206** |
| nearfarm | **1.40002** | **.8143125** | **1.72** | **0.086** | **-.1960027** | **2.996044** |
| area_rural | **-.6440548** | **.8915183** | **-0.72** | **0.470** | **-2.391399** | **1.103289** |
| groceries_a~s | **-.3379573** | **.6888696** | **-0.49** | **0.624** | **-1.688117** | **1.012202** |
| _cons | **4.726715** | **.6438326** | **7.34** | **0.000** | **3.464826** | **5.988604** |
| **Sigma** | | | | | | |
| _cons | **7.177387** | **.3581661** | **20.04** | **0.000** | **6.475395** | **7.87938** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 meatpurchases_never_seldom
>  work_notwork workinag nearfarm area_rural groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -922.14762
Iteration 2:  Log likelihood =  -919.8992
Iteration 3:  Log likelihood = -919.88433
Iteration 4:  Log likelihood = -919.88433

                                                      Number of obs =    608
                                                      Wald chi2(6)  =   4.25
Log likelihood = -919.88433                           Prob > chi2   = 0.6435
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| meat~r_seldom | **.4088495** | **1.61837** | **0.25** | **0.801** | **-2.763098** | **3.580797** |
| work_notwork | **-.4583686** | **.8464008** | **-0.54** | **0.588** | **-2.117284** | **1.200546** |
| workinag | **.601625** | **.888288** | **0.68** | **0.498** | **-1.139387** | **2.342637** |
| nearfarm | **1.355232** | **.8164503** | **1.66** | **0.097** | **-.2449816** | **2.955445** |
| area_rural | **-.6185123** | **.8909865** | **-0.69** | **0.488** | **-2.364814** | **1.127789** |
| groceries_a~s | **-.3500287** | **.6871722** | **-0.51** | **0.610** | **-1.696862** | **.9968041** |
| _cons | **4.842417** | **.6410197** | **7.55** | **0.000** | **3.586042** | **6.098793** |
| **Sigma** | | | | | | |
| _cons | **7.171872** | **.3578907** | **20.04** | **0.000** | **6.470419** | **7.873325** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 meatpurchases_never_seldom
>  work_fulltime workinag nearfarm area_rural groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -921.79671
Iteration 2:  Log likelihood = -917.40754
Iteration 3:  Log likelihood = -917.37906
Iteration 4:  Log likelihood = -917.37906

                                                Number of obs =    608
                                                Wald chi2(6)  =   9.20
Log likelihood = -917.37906                     Prob > chi2   = 0.1628
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| meat~r_seldom | **.4320678** | **1.608108** | **0.27** | **0.788** | **-2.719765** | **3.583901** |
| work_fulltime | **1.829626** | **.795957** | **2.30** | **0.022** | **.2695788** | **3.389673** |
| workinag | **.6479359** | **.8851965** | **0.73** | **0.464** | **-1.087017** | **2.382889** |
| nearfarm | **1.302199** | **.8110449** | **1.61** | **0.108** | **-.2874198** | **2.891818** |
| area_rural | **-.5622458** | **.8861555** | **-0.63** | **0.526** | **-2.299079** | **1.174587** |
| groceries_a~s | **-.352311** | **.684345** | **-0.51** | **0.607** | **-1.693603** | **.9889805** |
| _cons | **4.379192** | **.6378365** | **6.87** | **0.000** | **3.129055** | **5.629328** |
| **Sigma** | | | | | | |
| _cons | **7.139383** | **.3561994** | **20.04** | **0.000** | **6.441245** | **7.837521** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 meatpurchases_never_seldom
>  work_fulltime workinag nearfarm area_small groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -921.82814
Iteration 2:  Log likelihood = -917.52023
Iteration 3:  Log likelihood = -917.49187
Iteration 4:  Log likelihood = -917.49186

                                                      Number of obs =    608
                                                      Wald chi2(6)  =   8.98
Log likelihood = -917.49186                           Prob > chi2   = 0.1745

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Beta         |
meat~r_seldom|   .4287214   1.607714     0.27   0.790    -2.72234    3.579782
work_fulltime|   1.872243   .7966581     2.35   0.019     .3108218   3.433664
     workinag|   .5449221   .8820713     0.62   0.537    -1.183906    2.27375
     nearfarm|    1.06685   .7493766     1.42   0.155    -.4019012   2.535601
   area_small|    .482443    1.14587     0.42   0.674    -1.76342    2.728306
groceries_a~s|  -.3238456   .6815467    -0.48   0.635    -1.659652   1.011961
        _cons|   4.271914   .6240702     6.85   0.000     3.048759   5.495069
-------------+----------------------------------------------------------------
Sigma        |
        _cons|   7.138213   .3562878    20.03   0.000     6.439902   7.836525
------------------------------------------------------------------------------

First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 meatpurchases_never_seldom
>  work_fulltime workinag nearfarm area_urban groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -922.34883
Iteration 2:  Log likelihood = -915.55519
Iteration 3:  Log likelihood = -915.51663
Iteration 4:  Log likelihood = -915.51661

                                                      Number of obs =    608
                                                      Wald chi2(6)  =  12.86
Log likelihood = -915.51661                           Prob > chi2   = 0.0452

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Beta         |
meat~r_seldom|   .3979676   1.603102     0.25   0.804    -2.744054   3.539989
work_fulltime|   1.701667   .7953318     2.14   0.032     .1428448   3.260488
     workinag|   .5973928   .8751683     0.68   0.495    -1.117906   2.312691
     nearfarm|   1.394189   .7575212     1.84   0.066    -.0905255   2.878903
   area_urban|   1.474032   .7260009     2.03   0.042     .0510968   2.896968
groceries_a~s|  -.2692071   .6769477    -0.40   0.691      -1.596    1.057586
        _cons|   3.802978   .6656983     5.71   0.000     2.498233   5.107722
-------------+----------------------------------------------------------------
```

| | | | | | | |
|---|---|---|---|---|---|---|
| **Sigma** | | | | | | |
| _cons | **7.1085** | **.3545061** | **20.05** | **0.000** | **6.413681** | **7.80332** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 meatpurchases_never_seldom
>  work_fulltime workinag nearfarm area_suburban groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -922.17879
Iteration 2:  Log likelihood = -916.25653
Iteration 3:  Log likelihood = -916.22517
Iteration 4:  Log likelihood = -916.22516

                                                Number of obs =    608
                                                Wald chi2(6)  =  11.50
Log likelihood = -916.22516                     Prob > chi2   = 0.0740
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| meat~r_seldom | **.4000942** | **1.602188** | **0.25** | **0.803** | **-2.740137** | **3.540326** |
| work_fulltime | **1.828557** | **.7927816** | **2.31** | **0.021** | **.2747335** | **3.38238** |
| workinag | **.3785678** | **.8842207** | **0.43** | **0.669** | **-1.354473** | **2.111608** |
| nearfarm | **.8467731** | **.7575298** | **1.12** | **0.264** | **-.637958** | **2.331504** |
| area_suburban | **-1.107075** | **.6719622** | **-1.65** | **0.099** | **-2.424097** | **.2099464** |
| groceries_a~s | **-.2285711** | **.6785175** | **-0.34** | **0.736** | **-1.558441** | **1.101299** |
| _cons | **4.814313** | **.6955774** | **6.92** | **0.000** | **3.451007** | **6.17762** |
| **Sigma** | | | | | | |
| _cons | **7.113247** | **.3549374** | **20.04** | **0.000** | **6.417582** | **7.808911** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 meatpurchases_never_seldom
>  work_fulltime workinag nearfarm area_urban_suburban groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood =  -921.7696
Iteration 2:  Log likelihood = -917.57009
Iteration 3:  Log likelihood = -917.54139
Iteration 4:  Log likelihood = -917.54139

                                                Number of obs =    608
                                                Wald chi2(6)  =   8.87
Log likelihood = -917.54139                     Prob > chi2   = 0.1809
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| meat~r_seldom | .4034074 | 1.608659 | 0.25 | 0.802 | -2.749507 | 3.556322 |
| work_fulltime | 1.833622 | .7982626 | 2.30 | 0.022 | .2690559 | 3.398188 |
| workinag | .6218694 | .8925715 | 0.70 | 0.486 | -1.127539 | 2.371277 |
| nearfarm | 1.196282 | .8212598 | 1.46 | 0.145 | -.4133575 | 2.805922 |
| area_urban_~n | .2234175 | .8001538 | 0.28 | 0.780 | -1.344855 | 1.79169 |
| groceries_a~s | -.3114274 | .6809739 | -0.46 | 0.647 | -1.646112 | 1.023257 |
| _cons | 4.111224 | .8956149 | 4.59 | 0.000 | 2.355851 | 5.866597 |
| **Sigma** | | | | | | |
| _cons | 7.143859 | .3564587 | 20.04 | 0.000 | 6.445213 | 7.842506 |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 meatpurchases_never_seldom
>  work_fulltime workinag nearfarm area_urban groceries_always

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -922.34883
Iteration 2:  Log likelihood = -915.55519
Iteration 3:  Log likelihood = -915.51663
Iteration 4:  Log likelihood = -915.51661

                                                Number of obs =    608
                                                Wald chi2(6)  =  12.86
Log likelihood = -915.51661                     Prob > chi2   = 0.0452
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| meat~r_seldom | .3979676 | 1.603102 | 0.25 | 0.804 | -2.744054 | 3.539989 |
| work_fulltime | 1.701667 | .7953318 | 2.14 | 0.032 | .1428448 | 3.260488 |
| workinag | .5973928 | .8751683 | 0.68 | 0.495 | -1.117906 | 2.312691 |
| nearfarm | 1.394189 | .7575212 | 1.84 | 0.066 | -.0905255 | 2.878903 |
| area_urban | 1.474032 | .7260009 | 2.03 | 0.042 | .0510968 | 2.896968 |
| groceries_a~s | -.2692071 | .6769477 | -0.40 | 0.691 | -1.596 | 1.057586 |
| _cons | 3.802978 | .6656983 | 5.71 | 0.000 | 2.498233 | 5.107722 |
| **Sigma** | | | | | | |
| _cons | 7.1085 | .3545061 | 20.05 | 0.000 | 6.413681 | 7.80332 |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 meatpurchases_never_seldom
>  work_fulltime workinag nearfarm area_urban groceries_often

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -922.76309
Iteration 2:  Log likelihood = -914.95907
Iteration 3:  Log likelihood = -914.90833
Iteration 4:  Log likelihood = -914.90828

                                                      Number of obs =    608
                                                      Wald chi2(6)  =  14.07
Log likelihood = -914.90828                           Prob > chi2   = 0.0289

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Beta         |
meat~r_seldom |    .304576   1.602488     0.19   0.849    -2.836242    3.445395
work_fulltime |   1.713192   .7944359     2.16   0.031     .1561261    3.270258
     workinag |   .5917017   .8741867     0.68   0.498    -1.121673    2.305076
     nearfarm |   1.342567    .757481     1.77   0.076    -.1420686    2.827202
   area_urban |   1.455512     .72502     2.01   0.045     .0344989    2.876525
groceries_o~n |   .8601676   .7336731     1.17   0.241    -.5778053     2.29814
        _cons |   3.425194   .5142557     6.66   0.000     2.417272    4.433117
-------------+----------------------------------------------------------------
Sigma        |
        _cons |    7.09722    .353912    20.05   0.000     6.403566    7.790875
------------------------------------------------------------------------------

First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 work_fulltime nearfarm are
> a_urban groceries_often

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -922.42636
Iteration 2:  Log likelihood = -915.19762
Iteration 3:  Log likelihood = -915.15437
Iteration 4:  Log likelihood = -915.15434

                                                      Number of obs =    608
                                                      Wald chi2(4)  =  13.55
Log likelihood = -915.15434                           Prob > chi2   = 0.0089

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
Beta         |
work_fulltime |   1.702744   .7957091     2.14   0.032     .1431828    3.262305
     nearfarm |   1.426006   .7479872     1.91   0.057    -.0400219    2.892034
   area_urban |   1.452391   .7264218     2.00   0.046     .0286302    2.876151
groceries_o~n |    .872895   .7339209     1.19   0.234    -.5655635    2.311353
        _cons |   3.512765   .4983562     7.05   0.000     2.536005    4.489525
-------------+----------------------------------------------------------------
Sigma        |
        _cons |   7.110902   .3542549    20.07   0.000     6.416575    7.805229
------------------------------------------------------------------------------
```

```
First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 work_fulltime nearfarm are
> a_urban

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -922.00819
Iteration 2:  Log likelihood = -915.89519
Iteration 3:  Log likelihood = -915.86171
Iteration 4:  Log likelihood =  -915.8617

                                                Number of obs =    608
                                                Wald chi2(3)  =  12.15
Log likelihood = -915.8617                      Prob > chi2   = 0.0069
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_fulltime | 1.685929 | .7966918 | 2.12 | 0.034 | .1244412 | 3.247416 |
| nearfarm | 1.480967 | .7479941 | 1.98 | 0.048 | .0149252 | 2.947008 |
| area_urban | 1.478409 | .7274044 | 2.03 | 0.042 | .0527222 | 2.904095 |
| _cons | 3.717839 | .4672684 | 7.96 | 0.000 | 2.80201 | 4.633668 |
| **Sigma** | | | | | | |
| _cons | 7.123619 | .3549166 | 20.07 | 0.000 | 6.427995 | 7.819243 |

```
First-Bid Variable:             worker_bid_1
Second-Bid Variable:            worker_bid_2
First-Response Dummy Variable:  worker_1
Second-Response Dummy Variable: worker_2

. doubleb pork_bid_1 pork_bid_2 pork_1 pork_2 work_fulltime workinag nearfarm ar
> ea_urban
There is an inconsistency in at least one of your observations.
Check for situations where the response to the first question is yes but the sec
> ond bid is lower than the first
or for situations where the response to the first question is no but the second
> bid is higher than the first.
After solving this issue try the command again.
r(498);

. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 work_fulltime workinag nea
> rfarm area_urban

Initial:      Log likelihood =     -<inf>  (could not be evaluated)
Feasible:     Log likelihood = -34686.577
Rescale:      Log likelihood = -962.78212
Rescale eq:   Log likelihood = -926.80009
Iteration 0:  Log likelihood = -926.80009
Iteration 1:  Log likelihood = -922.27754
Iteration 2:  Log likelihood = -915.66492
Iteration 3:  Log likelihood =  -915.6279
Iteration 4:  Log likelihood = -915.62789
```

Number of obs = **608**
Wald chi2(**4**) = **12.64**
Log likelihood = **-915.62789** Prob > chi2 = **0.0132**

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_fulltime | **1.693865** | **.7953808** | **2.13** | **0.033** | **.1349475** | **3.252783** |
| workinag | **.5993772** | **.8751756** | **0.68** | **0.493** | **-1.115935** | **2.31469** |
| nearfarm | **1.391542** | **.757559** | **1.84** | **0.066** | **-.093246** | **2.876331** |
| area_urban | **1.481372** | **.7260542** | **2.04** | **0.041** | **.0583319** | **2.904412** |
| _cons | **3.6403** | **.4803422** | **7.58** | **0.000** | **2.698847** | **4.581754** |
| **Sigma** | | | | | | |
| _cons | **7.110547** | **.3545785** | **20.05** | **0.000** | **6.415586** | **7.805508** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. doubleb worker_bid_1 worker_bid_2 worker_1 worker_2 work_fulltime nearfarm are
> a_urban
```

Initial: Log likelihood = **-<inf>** (could not be evaluated)
Feasible: Log likelihood = **-34686.577**
Rescale: Log likelihood = **-962.78212**
Rescale eq: Log likelihood = **-926.80009**
Iteration 0: Log likelihood = **-926.80009**
Iteration 1: Log likelihood = **-922.00819**
Iteration 2: Log likelihood = **-915.89519**
Iteration 3: Log likelihood = **-915.86171**
Iteration 4: Log likelihood = **-915.8617**

Number of obs = **608**
Wald chi2(**3**) = **12.15**
Log likelihood = **-915.8617** Prob > chi2 = **0.0069**

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Beta** | | | | | | |
| work_fulltime | **1.685929** | **.7966918** | **2.12** | **0.034** | **.1244412** | **3.247416** |
| nearfarm | **1.480967** | **.7479941** | **1.98** | **0.048** | **.0149252** | **2.947008** |
| area_urban | **1.478409** | **.7274044** | **2.03** | **0.042** | **.0527222** | **2.904095** |
| _cons | **3.717839** | **.4672684** | **7.96** | **0.000** | **2.80201** | **4.633668** |
| **Sigma** | | | | | | |
| _cons | **7.123619** | **.3549166** | **20.07** | **0.000** | **6.427995** | **7.819243** |

First-Bid Variable: **worker_bid_1**
Second-Bid Variable: **worker_bid_2**
First-Response Dummy Variable: **worker_1**
Second-Response Dummy Variable: **worker_2**

```
. display workinag_mn
.16611842

. nlcom (WTP:(_b[_cons] + work_fulltime_mn*_b[work_fulltime] + nearfarm_mn*_b[ne
> arfarm] + area_urban_mn*_b[area_urban]))

        WTP: (_b[_cons] + work_fulltime_mn*_b[work_fulltime] + nearfarm_mn*_b[n
> earfarm] + area_urban_mn*_b[area_urban])
```

| | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| WTP | **4.882819** | **.3203016** | **15.24** | **0.000** | **4.25504** | **5.510599** |

```
. save "\\smb-isl01.fsu.edu\citrix\shsu\Desktop\animal products data 06_18_2025_
> dropped0s_forwork.dta"
file \\smb-isl01.fsu.edu\citrix\shsu\Desktop\animal products data
    06_18_2025_dropped0s_forwork.dta saved

. log close
      name:  <unnamed>
       log:  \\smb-isl01.fsu.edu\citrix\shsu\Desktop\2025_06_18_log5.smcl
  log type:  smcl
 closed on:  18 Jun 2025, 18:02:33
```