```
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
----
      name:  <unnamed>
       log:
  log type:  text
 opened on:  25 Sep 2023, 11:53:21

.
.
. ********************************
. * 0.0 Housekeeping
. ********************************
.
. version 18

. clear all

. graph set window fontface "Arial"

.
.
. //Working directory
. cd " "

.
.
. *Uploading Data
. use "migrants_kuwait_qatar_dataset.dta"

.
.
.
. ********************************
. * 1.0 Descriptive Statistics
. ********************************
.
. // Table 1
.
. table (var) (Country), ///
> statistic(fvpercent gender)  ///
> statistic(mean respage)  ///
> statistic(sd respage)  ///
> statistic(mean educ)  ///
> statistic(sd educ)  ///
> statistic(mean passport_rank)  ///
> statistic(sd passport_rank)  ///
> statistic(mean foreigners)  ///
> statistic(sd foreigners)  ///
> statistic(fvfrequency country_category) ///
```

```
> nformat(%9.0fc fvfrequency) ///
> sformat("%s%%" fvpercent) ///
> nformat(%9.1f) ///
> style(table-1)
```

	Survey country		
	Qatar	Kuwait	Total
Gender			
Male	45.4%	53.2%	47.4%
Female	54.6%	46.8%	52.6%
Age	37.1	39.4	37.7
	10.5	11.4	10.8
Education	6.5	6.4	6.5
	1.4	1.3	1.4
passport_rank	84.8	85.9	85.1
	17.9	14.0	16.9
Preference for Foreign Workers	3.2	2.6	3.1
	0.9	0.9	0.9
country_category			
Egyptians	681.0	448.0	1129.0
Jordanians	317.0	88.0	405.0
Syrians	254.0	107.0	361.0
Sudanese	232.0	11.0	243.0
Lebanese	100.0	72.0	172.0
Other Arabs	367.0	54.0	421.0
Westerners	75.0	16.0	91.0
Asians	79.0	21.0	100.0
Others	15.0	4.0	19.0

```
.
.
. * Collect the table content
. collect style row stack, nobinder spacer

. collect style cell border_block, border(right, pattern(nil))

. collect preview
```

Survey country		
Qatar	Kuwait	Total

```
                        Gender
                          Male    45.4%    53.2%    47.4%
                        Female    54.6%    46.8%    52.6%

                           Age     37.1     39.4     37.7
                                   10.5     11.4     10.8

                     Education      6.5      6.4      6.5
                                    1.4      1.3      1.4

                  passport_rank     84.8     85.9     85.1
                                    17.9     14.0     16.9

Preference for Foreign Workers      3.2      2.6      3.1
                                    0.9      0.9      0.9

               country_category
                     Egyptians    681.0    448.0   1129.0
                    Jordanians    317.0     88.0    405.0
                       Syrians    254.0    107.0    361.0
                      Sudanese    232.0     11.0    243.0
                      Lebanese    100.0     72.0    172.0
                    Other Arabs    367.0     54.0    421.0
                     Westerners     75.0     16.0     91.0
                         Asians     79.0     21.0    100.0
                         Others     15.0      4.0     19.0
------------------------------------------------------------

. collect export migrants_stats.tex, replace
(collection Table exported to file migrants_stats.tex)

.
.
.
.
. ****************************************
. * 2.0 Regression Models: Main Paper
. ****************************************
.
. // Table 2: Support for Increasing the Number of Foreign Workers
.
. *Model 1
. quietly regress foreigners ///
>                 ib(3).migrant_groups ///
>                 i.Country, robust

. eststo ols_1

.
.
```

```
. *Model 2
. quietly regress foreigners ///
>                 log_passport_rank_rev ///
>                 i.Country, robust

. eststo ols_2

.
.
. *Model 3
. quietly regress foreigners ///
>                 ib(3).migrant_groups ///
>         respage ///
>             i.gender_factor ///
>                 educ ///
>                 i.Country, robust

. eststo ols_3

.
.
. *Model 4
. quietly regress foreigners ///
>                 log_passport_rank_rev ///
>         respage ///
>             i.gender_factor ///
>                 educ ///
>                 i.Country, robust

. eststo ols_4

.
.
.
. * Combine OLS models in one table
. esttab ols_1 ols_2 ols_3 ols_4, replace ///
>             se nobaselevels  ///
>             star(+ 0.1 * 0.05 ** 0.01 *** 0.001) ///
>             stats(N r2, fmt(0 3) label(N R-Squared)) ///
>             title("Support for Foreign Workers")         ///
>             coeflabel(respage "Age" ///
>             educ "Education" ///
>             2.gender_factor "Female" ///
>             income "Income (1-2)" ///
>             sqrt_passport_rank_rev "sqrt_passport" ///
>             log_passport_rank_rev "Log of Henley Passport Index" ///
>             2.migrant_groups "Arab Migrants (base: Non-Arab Migrants)" ///
>             3.migrant_groups "Non-Arab Migrants" ///
>             2.migrant_groups#2.edu_cat "High educ#Arab Migrants" ///
>             3.migrant_groups#2.edu_cat "High educ#Non-Arab Migrants" ///
```

```
>            2.Country "Kuwait (base: Qatar)" ///
>            _cons "Constant") ///
>            order(2.migrant_groups ///
>                  log_passport_rank_rev ///
>                          respage  ///
>                          2.gender_factor ///
>                      educ ///
>                      2.Country)

Support for Foreign Workers
------------------------------------------------------------------------------
                      (1)             (2)             (3)             (4)
                foreigners      foreigners      foreigners      foreigners
------------------------------------------------------------------------------
Arab Migra~i       -0.145*                         -0.117+
                  (0.0678)                        (0.0706)

Log of Hen~x                        0.103***                        0.110***
                                   (0.0183)                        (0.0198)

Age                                                -0.00454**      -0.00496**
                                                  (0.00171)       (0.00169)

Female                                               -0.104**        -0.0999**
                                                    (0.0364)        (0.0362)

Education                                             0.0345**        0.0218+
                                                    (0.0130)        (0.0132)

Kuwait (ba~)       -0.599***       -0.607***       -0.599***       -0.601***
                  (0.0375)        (0.0372)        (0.0422)        (0.0419)

Constant             3.360***        2.948***        3.341***        3.031***
                  (0.0654)        (0.0514)         (0.127)         (0.110)
------------------------------------------------------------------------------
N                     2941            2939            2471            2470
R-Squared            0.088           0.096           0.092           0.100
------------------------------------------------------------------------------
Standard errors in parentheses
+ p<0.1, * p<0.05, ** p<0.01, *** p<0.001

.
.
.
. ****************************************
. * 2.0 Regression Models: Appendix
. ****************************************
.
. // Appendix Table 1: Support for Increasing the Number of Foreign Workers by
Country
```

```
.
. // For Qatar
.
. *Model 1
. quietly regress foreigners ///
>                 ib(3).migrant_groups ///
>                 if Country == 1, robust

. eststo ols_1_q

.
.
. *Model 2
. quietly regress foreigners ///
>             log_passport_rank_rev ///
>                 if Country == 1, robust

. eststo ols_2_q

.
.
. *Model 3
. quietly regress foreigners ///
>                 ib(3).migrant_groups ///
>         respage ///
>             i.gender_factor ///
>                 educ ///
>                 if Country == 1, robust

. eststo ols_3_q

.
.
. *Model 4
. quietly regress foreigners ///
>                 log_passport_rank_rev ///
>         respage ///
>             i.gender_factor ///
>                 educ ///
>                 if Country == 1, robust

. eststo ols_4_q

.
.
.
.
.
. // For Kuwait
.
```

```
.
. *Model 5
. quietly regress foreigners ///
>                 ib(3).migrant_groups ///
>                 if Country == 2, robust

. eststo ols_1_k

.
.
. *Model 6
. quietly regress foreigners ///
>                 log_passport_rank_rev ///
>                 if Country == 2, robust

. eststo ols_2_k

.
.
. *Model 7
. quietly regress foreigners ///
>                 ib(3).migrant_groups ///
>         respage ///
>             i.gender_factor ///
>                 educ ///
>                 if Country == 2, robust

. eststo ols_3_k

.
.
. *Model 8
. quietly regress foreigners ///
>                 log_passport_rank_rev ///
>         respage ///
>             i.gender_factor ///
>                 educ ///
>                 if Country == 2, robust

. eststo ols_4_k

.
.
.
.
. * Combine models in one table (Appendix Table 1: Support for Increasing the
Number of Foreign Workers by Country)
.
. esttab ols_1_q ols_2_q ols_3_q ols_4_q ///
>        ols_1_k ols_2_k ols_3_k ols_4_k, replace ///
```

```
>             se nobaselevels  ///
>             star(+ 0.1 * 0.05 ** 0.01 *** 0.001) ///
>             stats(N r2, fmt(0 3) label(N R-Squared)) ///
>             title("Support for Foreign Workers")         ///
>             coeflabel(respage "Age" ///
>             educ "Education" ///
>             2.gender_factor "Female" ///
>             income "Income (1-2)" ///
>             sqrt_passport_rank_rev "sqrt_passport" ///
>             log_passport_rank_rev "Log of Henley Passport Index" ///
>             2.migrant_groups "Arab Migrants (base: Non-Arab Migrants)" ///
>             3.migrant_groups "Non-Arab Migrants" ///
>             2.migrant_groups#2.edu_cat "High educ#Arab Migrants" ///
>             3.migrant_groups#2.edu_cat "High educ#Non-Arab Migrants" ///
>             2.Country "Kuwait (base: Qatar)" ///
>             _cons "Constant") ///
>             order(2.migrant_groups ///
>                   log_passport_rank_rev ///
>                           respage  ///
>                           2.gender_factor ///
>                       educ)

Support for Foreign Workers
------------------------------------------------------------------------------------
------------------------------------------------------
                      (1)             (2)             (3)             (4)
  (5)             (6)             (7)             (8)
               foreigners      foreigners      foreigners      foreigners
foreigners      foreigners      foreigners      foreigners
------------------------------------------------------------------------------------
------------------------------------------------------
Arab Migra~i       -0.134+                         -0.126+
-0.192                          -0.0517
                  (0.0708)                        (0.0747)
(0.186)                         (0.202)

Log of Hen~x                        0.102***                        0.115***
                0.106**                         0.101*
                                  (0.0206)                        (0.0218)
             (0.0398)                        (0.0463)

Age                                                 -0.00505*       -0.00553**
                               -0.00343        -0.00389
                                                   (0.00202)       (0.00200)
                              (0.00313)       (0.00310)

Female                                              -0.148***       -0.149***
                                 0.0269          0.0411
                                                   (0.0419)        (0.0417)
                               (0.0740)        (0.0727)
```

```
Education                                         0.0315*         0.0190
                            0.0481+         0.0352
                                              (0.0148)        (0.0149)
                           (0.0270)        (0.0287)

Constant             3.349***        2.950***        3.411***        3.084***
2.805***        2.334***        2.489***        2.261***
                      (0.0681)        (0.0567)        (0.142)         (0.127)
(0.183)         (0.109)         (0.298)         (0.218)
-------------------------------------------------------------------------------
-------------------------------------------------------
N                     2120            2120            1846            1846
  821             819             625             624
R-Squared             0.002           0.010           0.012           0.022
0.002           0.008           0.007           0.014
-------------------------------------------------------------------------------
-------------------------------------------------------
Standard errors in parentheses
+ p<0.1, * p<0.05, ** p<0.01, *** p<0.001

.
.
.
.
. ************************************
. * 3.1 Wording Expriment Settup
. ************************************
.
. * Set conjoint categories: Round 1
.
. * Arabic
.
. gen conjoint1 = .
(2,941 missing values generated)

. replace conjoint1 = 1 if tfRnd_1 == "إذا كانت الحكومة تفكر في تغيير عدد العمال الأجانب في قطر، فما هو
مستوى الأولوية التي ستعطيها للأطباء العرب؟" | tfRnd_1 == "إذا كان
> ت الحكومة تفكر في تغيير عدد العمال الأجانب في الكويت فما هو مستوى الأولوية التي ستعطيها للأطباء العرب؟"
(691 real changes made)

.
. replace conjoint1 = 2 if tfRnd_1 == "إذا كانت الحكومة تفكر في تغيير عدد العمال الأجانب في قطر، فما هو
مستوى الأولوية التي ستعطيها للأطباء الهنود؟" | tfRnd_1 == "إذا كا
> نت الحكومة تفكر في تغيير عدد العمال الأجانب في الكويت، فما هو مستوى الأولوية التي ستعطيها للأطباء الهنود؟"
(734 real changes made)

.
. replace conjoint1 = 3 if tfRnd_1 == "إذا كانت الحكومة تفكر في تغيير عدد العمال الأجانب في قطر، فما هو
مستوى الأولوية التي ستعطيها لعمال البناء العرب؟" | tfRnd_1 == "إذا
```

```
> "كانت الحكومة تفكر في تغيير عدد العمال الأجانب في الكويت، فما هو مستوى الأولوية التي ستعطيها لعمال البناء العرب؟
(709 real changes made)

.
. replace conjoint1 = 4 if tfRnd_1 == "إذا كانت الحكومة تفكر في تغيير عدد العمال الأجانب في قطر، فما هو
مستوى الأولوية التي ستعطيها لعمال البناء الهنود؟" | tfRnd_1 == "إذ
> ا كانت الحكومة تفكر في تغيير عدد العمال الأجانب في الكويت، فما هو مستوى الأولوية التي ستعطيها لعمال البناء الهنود؟"
(743 real changes made)

.
.
.
. * English
. replace conjoint1 = 1 if tfRnd_1 == "If Qatar were thinking about changing the
number of foreign workers in Qatar, what level of priority would you give to Arab
doctors
> ?" | tfRnd_1 == "If Kuwait were thinking about changing the number of foreign
workers in Kuwait, what level of priority would you give to Arab doctors?"
(21 real changes made)

.
. replace conjoint1 = 2 if tfRnd_1 == "If Qatar were thinking about changing the
number of foreign workers in Qatar, what level of priority would you give to South
Asian
> doctors?" | tfRnd_1 == "If Kuwait were thinking about changing the number of
foreign workers in Kuwait, what level of priority would you give to South Asian
doctors?"
(13 real changes made)

.
. replace conjoint1 = 3 if tfRnd_1 == "If Qatar were thinking about changing the
number of foreign workers in Qatar, what level of priority would you give to Arab
constru
> ction workers?" | tfRnd_1 == "If Kuwait were thinking about changing the number
of foreign workers in Kuwait, what level of priority would you give to Arab
construction
>  workers?"
(16 real changes made)

.
. replace conjoint1 = 4 if tfRnd_1 == "If Qatar were thinking about changing the
number of foreign workers in Qatar, what level of priority would you give to South
Asian
> construction workers?" | tfRnd_1 == "If Kuwait were thinking about changing the
number of foreign workers in Kuwait, what level of priority would you give to South
Asia
> n construction workers?"
(14 real changes made)

.
```

```
.
.
. * Set conjoint categories: Round 2
.
. * Arabic
.
. gen conjoint2 = .
(2,941 missing values generated)

. replace conjoint2 = 1 if tfRnd_2 == "وما هو مستوى الأولوية التي ستعطيها للأطباء العرب؟"
(731 real changes made)

. replace conjoint2 = 2 if tfRnd_2 == "وما هو مستوى الأولوية التي ستعطيها للأطباء الهنود؟"
(766 real changes made)

. replace conjoint2 = 3 if tfRnd_2 == "وما هو مستوى الأولوية التي ستعطيها لعمال البناء العرب؟"
(722 real changes made)

. replace conjoint2 = 4 if tfRnd_2 == "وما هو مستوى الأولوية التي ستعطيها لعمال البناء الهنود؟"
(658 real changes made)

.
. * English
. replace conjoint2 = 1 if tfRnd_2 == "And what level of priority would you give to
 Arab doctors?"
(15 real changes made)

. replace conjoint2 = 2 if tfRnd_2 == "And what level of priority would you give to
 South Asian doctors?"
(17 real changes made)

. replace conjoint2 = 3 if tfRnd_2 == "And what level of priority would you give to
 Arab construction workers?"
(9 real changes made)

. replace conjoint2 = 4 if tfRnd_2 == "And what level of priority would you give to
 South Asian construction workers?"
(23 real changes made)

.
.
. * Labels
. label define conjoint 1 "Arab Doctors" 2 "Indian Doctors" 3 "Arab Construction" 4
"Indian Construction", replace

. label values conjoint1 conjoint

. label values conjoint2 conjoint

.
```

```
. * Wording Experiment Settup
. reshape long conjoint FOREIGN_VIGNETTE, i(id_n) j(contest_no)
(j = 1 2)

Data                               Wide   ->   Long
-----------------------------------------------------------------------------
Number of observations           2,941   ->   5,882
Number of variables                 39   ->   38
j variable (2 values)                    ->   contest_no
xij variables:
                     conjoint1 conjoint2   ->   conjoint
    FOREIGN_VIGNETTE1 FOREIGN_VIGNETTE2   ->   FOREIGN_VIGNETTE
-----------------------------------------------------------------------------

.
. * Drop missing from DV
. replace FOREIGN_VIGNETTE = . if FOREIGN_VIGNETTE<0
(95 real changes made, 95 to missing)

.
. * Reversing the scale to be more intuitive in the regression
. revrs FOREIGN_VIGNETTE, replace

.
.
.
.
. ******************************************
. * 4.0 Wording Expriment: Plots in the Paper
. ******************************************
.
.
.
. // For both Qatar and Kuwait
. // Figure 1: Migrant Worker Prioritization among Arab and non-Arab Migrants
.
.
. ologit FOREIGN_VIGNETTE conjoint#i.migrant_groups foreigners, robust

Iteration 0:  Log pseudolikelihood = -7449.0841
Iteration 1:  Log pseudolikelihood = -6542.6822
Iteration 2:  Log pseudolikelihood = -6516.6749
Iteration 3:  Log pseudolikelihood = -6516.6503
Iteration 4:  Log pseudolikelihood = -6516.6503

Ordered logistic regression                           Number of obs =   5,692
                                                      Wald chi2(8)  = 1527.17
                                                      Prob > chi2   =  0.0000
Log pseudolikelihood = -6516.6503                     Pseudo R2     =  0.1252
```

```
------------------------------------------------------------------------------
                             |               Robust
  FOREIGN_VIGNETTE | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-----------------------------+------------------------------------------------
conjoint#migrant_groups      |
  Arab Doctors#Non-Arab Migrants  |  -1.080202    .204758    -5.28   0.000    -1.48152    -.678884
  Indian Doctors#Arab Migrants  |  -3.006928   .0845036   -35.58   0.000   -3.172552   -2.841304
  Indian Doctors#Non-Arab Migrants  |  -2.124185   .2265481    -9.38   0.000   -2.568211   -1.680159
  Arab Construction#Arab Migrants  |  -1.138573   .0773937   -14.71   0.000   -1.290262   -.9868844
  Arab Construction#Non-Arab Migrants  |  -2.123966   .2075411   -10.23   0.000   -2.530739   -1.717193
  Indian Construction#Arab Migrants  |  -2.614068   .0820491   -31.86   0.000   -2.774881   -2.453255
Indian Construction#Non-Arab Migrants  |  -2.138968   .1976795   -10.82   0.000   -2.526412   -1.751523
                             |
                  foreigners |   .1549052   .0296543     5.22   0.000    .0967839    .2130265
-----------------------------+------------------------------------------------
                       /cut1 |  -3.812084   .1211847                      -4.049602   -3.574567
                       /cut2 |  -2.046579   .1130359                      -2.268125   -1.825032
                       /cut3 |   .0596288   .1073059                      -.1506869    .2699444
------------------------------------------------------------------------------

.
. margins conjoint#i.migrant_groups, predict(outcome(4))

Predictive margins                                      Number of obs = 5,692
Model VCE: Robust

Expression: Pr(FOREIGN_VIGNETTE==4), predict(outcome(4))

------------------------------------------------------------------------------
                             |            Delta-method
                             |     Margin   std. err.      z    P>|z|     [95% conf. interval]
-----------------------------+------------------------------------------------
```

```
---------------------
               conjoint#migrant_groups |
           Arab Doctors#Arab Migrants  |   .6015449   .0134634    44.68   0.000
.5751571    .6279326
       Arab Doctors#Non-Arab Migrants  |   .3400679   .0440106     7.73   0.000
.2538087     .426327
         Indian Doctors#Arab Migrants  |   .0701606    .004176    16.80   0.000
.0619758    .0783454
     Indian Doctors#Non-Arab Migrants  |   .1540485   .0285568     5.39   0.000
.0980783    .2100187
      Arab Construction#Arab Migrants  |   .3271506   .0118012    27.72   0.000
.3040207    .3502806
  Arab Construction#Non-Arab Migrants  |    .154077   .0260282     5.92   0.000
.1030626    .2050914
    Indian Construction#Arab Migrants  |   .1004726   .0054912    18.30   0.000
.0897101    .1112351
Indian Construction#Non-Arab Migrants  |   .1521369    .024412     6.23   0.000
.1042902    .1999837
------------------------------------------------------------------------------
---------------------

.
. marginsplot, ///
> title(" ", margin(medium) size(3.9) nospan) ///
> xtitle(" ", margin(small) size(3.3)) ///
> ytitle("Probability of High Prioritization", margin(medium) size(3.2)) ///
> xlab( 1 `""Arab""Doctors""' ///
>  2 `""Indian""Doctors""' ///
>  3 `""Arab"" Construction""' ///
>  4 `""Indian"" Construction""', nogrid labsize(3.1)) ///
>  ylabel(, grid labsize(3.3)) ///
> scheme(s2color) ///
> aspectratio(0.85) ///
> plot1opts(msymbol(D) msize(1.6) mcolor(navy%95*0.8) lcolor(none)) ///
> plot2opts(msymbol(O) msize(2) mcolor(gold%95*1.2) lcolor(none)) ///
> ciopts(recast(rcap) lcolor(grey%95*0.4) msize(2.8)) ///
> graphregion(color(white) margin(small)) plotregion(margin(t = 3 b = 3 r = 8 l =
5)) ///
>  legend(region(margin(small)) ///
>  bmargin(tiny) ///
>  size(3.3) r(1) symxsize(small) symysize(small) ///
>  pos(6) ring(1))

Variables that uniquely identify margins: conjoint migrant_groups
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)

.
```

```
. graph save figure_1_all.gph, replace
file figure_1_all.gph saved

.
.
.
.
.
.
. // For both Qatar and Kuwait
. // Figure 2: Support for Migration and Migrant Worker Prioritization among Arab
Migrants
.
.
. ologit FOREIGN_VIGNETTE conjoint#i.migrant_groups foreigners if migrant_groups ==
2, robust

note: 4.conjoint#2.migrant_groups omitted because of collinearity.
Iteration 0:  Log pseudolikelihood = -6915.6694
Iteration 1:  Log pseudolikelihood =  -6021.547
Iteration 2:  Log pseudolikelihood = -5993.2245
Iteration 3:  Log pseudolikelihood = -5993.1788
Iteration 4:  Log pseudolikelihood = -5993.1788

Ordered logistic regression                             Number of obs =   5,279
                                                        Wald chi2(4)  = 1468.86
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -5993.1788                       Pseudo R2     =  0.1334

------------------------------------------------------------------------------
-----------------
                                    |               Robust
                  FOREIGN_VIGNETTE | Coefficient  std. err.      z    P>|z|
[95% conf. interval]
------------------------------------+-----------------------------------------
-----------------
           conjoint#migrant_groups |
       Arab Doctors#Arab Migrants  |    2.63969   .0837586    31.52   0.000
2.475526    2.803854
     Indian Doctors#Arab Migrants  |  -.3961088   .0692803    -5.72   0.000
-.5318958   -.2603219
  Arab Construction#Arab Migrants  |   1.492463   .0752846    19.82   0.000
1.344907    1.640018
Indian Construction#Arab Migrants  |          0  (omitted)
                                    |
                        foreigners |   .1570331    .030692     5.12   0.000
.0968779    .2171882
------------------------------------+-----------------------------------------
-----------------
                           /cut1 |  -1.204663   .1107184
```

```
-1.421668   -.9876594
                           /cut2 |   .5724382   .1070226
.3626777    .7821987
                           /cut3 |   2.709065   .1143494
2.484945    2.933186
------------------------------------------------------------------------------
-----------------

.
. margins conjoint, at(foreigners=(1(1)5)) predict(outcome(4))

Predictive margins                                      Number of obs = 5,279
Model VCE: Robust

Expression: Pr(FOREIGN_VIGNETTE==4), predict(outcome(4))
1._at: foreigners = 1
2._at: foreigners = 2
3._at: foreigners = 3
4._at: foreigners = 4
5._at: foreigners = 5

------------------------------------------------------------------------------
-----
                     |            Delta-method
                     |     Margin   std. err.      z    P>|z|     [95% conf.
interval]
---------------------+--------------------------------------------------------
-----
         _at#conjoint |
       1#Arab Doctors  |   .5219004    .021284    24.52   0.000     .4801846
.5636163
     1#Indian Doctors  |   .0498244   .0044077    11.30   0.000     .0411855
.0584634
  1#Arab Construction  |   .2573917   .0160513    16.04   0.000     .2259317
.2888517
1#Indian Construction  |   .0722901   .0060574    11.93   0.000     .0604179
.0841623
       2#Arab Doctors  |   .5608693   .0161543    34.72   0.000     .5292075
.5925311
     2#Indian Doctors  |   .0578066   .0040773    14.18   0.000     .0498152
.0657979
  2#Arab Construction  |   .2885295   .0131113    22.01   0.000     .2628319
.3142272
2#Indian Construction  |   .0835548   .0054814    15.24   0.000     .0728115
.0942982
       3#Arab Doctors  |   .5991018   .0136117    44.01   0.000     .5724234
.6257802
     3#Indian Doctors  |   .0669774   .0041565    16.11   0.000     .0588308
.0751239
  3#Arab Construction  |   .3218019   .0119354    26.96   0.000     .2984089
```

```
.3451949
3#Indian Construction  |   .0963926   .0054911    17.55   0.000     .0856302
.107155
       4#Arab Doctors  |   .6361649   .0146492    43.43   0.000     .6074529
.6648769
     4#Indian Doctors  |   .0774834   .0051186    15.14   0.000     .0674512
.0875156
  4#Arab Construction  |   .3569859   .0141244    25.27   0.000     .3293025
.3846693
4#Indian Construction  |   .1109639   .0067694    16.39   0.000     .0976962
.1242316
       5#Arab Doctors  |   .6716793   .0180288    37.26   0.000     .6363436
.707015
     5#Indian Doctors  |   .0894793   .0071565    12.50   0.000      .075453
.1035057
  5#Arab Construction  |   .3937832    .019195    20.51   0.000     .3561618
.4314046
5#Indian Construction  |   .1274273   .0095175    13.39   0.000     .1087734
.1460813
------------------------------------------------------------------------------
-----

.
. marginsplot, ///
> title("", margin(small) size(3) nospan) ///
> xtitle(" ", margin(small) size(3)) ///
> ytitle("Probability of High Prioritization", margin(medium) size(3.2)) ///
> xlab( 1 `""Decrease""a Lot""' ///
>  2 `""Decrease""Somewhat""' ///
>  3 `""Stay"" the Same""' ///
>  4 `""Increase"" Somewhat""' ///
>  5 `""Increase""a Lot""' , nogrid labsize(3.1)) ///
>  ylabel(0(0.2)0.8, nogrid labsize(3.2)) ///
> scheme(s2color) ///
> aspectratio(0.8) ///
> plot1opts(lpattern() msymbol(D) msize(1.55) mcolor(ebblue%95*1.4)
lcolor(ebblue%95*1.4)) ///
> plot2opts(lpattern() msymbol(T) msize(1.55) mcolor(green%95*1.4)
lcolor(green%95*1.4)) ///
> plot3opts(lpattern() msymbol(D) msize(1.55) mcolor(ebblue%95*0.6)
lcolor(ebblue%95*0.6)) ///
> plot4opts(lpattern() msymbol(T) msize(1.55) mcolor(green%95*0.6)
lcolor(green%95*0.6)) ///
> ciopts(recast(rcap) lcolor(grey%95*0.4) msize(2.7)) ///
> graphregion(color(white) margin(small)) plotregion(margin(r = 7 l = 7)) ///
>  legend(region(margin(small)) ///
>  bmargin(tiny) ///
>  size(3.2) r(2) symxsize(small) symysize(small) ///
>  pos(6) ring(1))
```

```
Variables that uniquely identify margins: foreigners conjoint
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)

.
.
. graph save fig2_experiment.gph, replace
file fig2_experiment.gph saved

.
.
.
.
.
. ***********************************************
. * 5.0 Wording Expriment: Plots in the appendix
. ***********************************************
.
. //  Appendix Figure 1: Migrant Worker Prioritization among Arab and non-Arab
Migrants by Country
.
. // For Qatar
.
. ologit FOREIGN_VIGNETTE conjoint#i.migrant_groups foreigners if Country == 1,
robust

Iteration 0:  Log pseudolikelihood = -5375.3705
Iteration 1:  Log pseudolikelihood = -4640.2674
Iteration 2:  Log pseudolikelihood = -4616.6035
Iteration 3:  Log pseudolikelihood = -4616.5597
Iteration 4:  Log pseudolikelihood = -4616.5597

Ordered logistic regression                             Number of obs =   4,122
                                                        Wald chi2(8)  = 1231.75
                                                        Prob > chi2   =  0.0000
Log pseudolikelihood = -4616.5597                       Pseudo R2     =  0.1412

------------------------------------------------------------------------------
                             |               Robust
                FOREIGN_VIGNETTE | Coefficient  std. err.      z    P>|z|
[95% conf. interval]
-----------------------------------+------------------------------------------
---------------------
```

```
              conjoint#migrant_groups |
       Arab Doctors#Non-Arab Migrants  |  -1.192378   .2412554    -4.94   0.000
-1.66523   -.7195264
         Indian Doctors#Arab Migrants  |  -3.308441   .1009497   -32.77   0.000
-3.506298   -3.110583
     Indian Doctors#Non-Arab Migrants  |  -2.333973   .2434913    -9.59   0.000
-2.811207   -1.856739
      Arab Construction#Arab Migrants  |  -1.157882   .0914953   -12.66   0.000
-1.337209   -.9785546
  Arab Construction#Non-Arab Migrants  |  -2.260408   .2410819    -9.38   0.000
-2.73292   -1.787896
    Indian Construction#Arab Migrants  |  -2.690578   .0961482   -27.98   0.000
-2.879025   -2.502131
Indian Construction#Non-Arab Migrants  |  -2.246478   .2189086   -10.26   0.000
-2.675531   -1.817425
                                       |
                            foreigners |   .0966766   .0368822     2.62   0.009
.0243888    .1689644
---------------------------------------+------------------------------------------
---------------------
                                 /cut1 |   -4.22351   .1531254
-4.523631    -3.92339
                                 /cut2 |  -2.387632   .1424867
-2.666901   -2.108363
                                 /cut3 |  -.2471786   .1358609
-.513461    .0191039
------------------------------------------------------------------------------
---------------------

.
. margins conjoint#i.migrant_groups, predict(outcome(4))

Predictive margins                                  Number of obs = 4,122
Model VCE: Robust

Expression: Pr(FOREIGN_VIGNETTE==4), predict(outcome(4))

------------------------------------------------------------------------------
---------------------
                                       |            Delta-method
                                       |     Margin   std. err.      z    P>|z|
[95% conf. interval]
---------------------------------------+------------------------------------------
---------------------
              conjoint#migrant_groups |
           Arab Doctors#Arab Migrants  |   .6360079   .0153876    41.33   0.000
.6058488     .666167
       Arab Doctors#Non-Arab Migrants  |   .3469897   .0525265     6.61   0.000
.2440396    .4499398
         Indian Doctors#Arab Migrants  |   .0602919   .0044368    13.59   0.000
```

```
.0515959    .0689879
     Indian Doctors#Non-Arab Migrants  |   .1452325   .0291486     4.98   0.000
.0881023    .2023627
      Arab Construction#Arab Migrants  |   .3548344   .0146326    24.25   0.000
.3261551    .3835137
  Arab Construction#Non-Arab Migrants  |   .1545968   .0303596     5.09   0.000
 .095093    .2141005
    Indian Construction#Arab Migrants  |   .1063263   .0068319    15.56   0.000
.0929361    .1197165
Indian Construction#Non-Arab Migrants  |   .1564245   .0275842     5.67   0.000
.1023605    .2104885
------------------------------------------------------------------------------
---------------------

.
. marginsplot, ///
> title("Qatar", margin(medium) size(3.9) nospan) ///
> xtitle(" ", margin(small) size(3.3)) ///
> ytitle("Probability of High Prioritization", margin(medium) size(3.2)) ///
> xlab( 1 `""Arab""Doctors""' ///
>  2 `""Indian""Doctors""' ///
>  3 `""Arab"" Construction""' ///
>  4 `""Indian"" Construction""', nogrid labsize(3.1)) ///
>  ylabel(, grid labsize(3.3)) ///
> scheme(s2color) ///
> aspectratio(0.85) ///
> plot1opts(msymbol(D) msize(1.6) mcolor(navy%95*0.8) lcolor(none)) ///
> plot2opts(msymbol(O) msize(2) mcolor(gold%95*1.2) lcolor(none)) ///
> ciopts(recast(rcap) lcolor(grey%95*0.4) msize(2.8)) ///
> graphregion(color(white) margin(small)) plotregion(margin(t = 3 b = 3 r = 8 l =
5)) ///
>  legend(region(margin(small)) ///
>  bmargin(tiny) ///
>  size(3.3) r(1) symxsize(small) symysize(small) ///
>  pos(6) ring(1))

Variables that uniquely identify margins: conjoint migrant_groups
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)

.
. graph save figure_1_qatar.gph, replace
file figure_1_qatar.gph saved

.
.
.
. // For Kuwait
```

```
.
. ologit FOREIGN_VIGNETTE conjoint#i.migrant_groups foreigners if Country == 2,
robust

Iteration 0:  Log pseudolikelihood = -2064.9302
Iteration 1:  Log pseudolikelihood = -1874.7563
Iteration 2:  Log pseudolikelihood = -1870.4151
Iteration 3:  Log pseudolikelihood = -1870.4095
Iteration 4:  Log pseudolikelihood = -1870.4095

Ordered logistic regression                             Number of obs =  1,570
                                                        Wald chi2(8)  = 321.42
                                                        Prob > chi2   = 0.0000
Log pseudolikelihood = -1870.4095                       Pseudo R2     = 0.0942

------------------------------------------------------------------------------
                             |               Robust
             FOREIGN_VIGNETTE | Coefficient  std. err.      z    P>|z|     [95% conf. interval]
-----------------------------+------------------------------------------------
      conjoint#migrant_groups |
 Arab Doctors#Non-Arab Migrants |  -.8383445   .3853918    -2.18   0.030    -1.593698   -.0829905
   Indian Doctors#Arab Migrants |  -2.317095   .1556807   -14.88   0.000    -2.622224   -2.011966
Indian Doctors#Non-Arab Migrants |  -1.500278   .6365853    -2.36   0.018    -2.747962   -.2525932
 Arab Construction#Arab Migrants |  -1.103688   .1463837    -7.54   0.000    -1.390595    -.816781
Arab Construction#Non-Arab Migrants |  -1.831807   .4212754    -4.35   0.000    -2.657491   -1.006122
Indian Construction#Arab Migrants |  -2.463099   .1587967   -15.51   0.000    -2.774335   -2.151863
Indian Construction#Non-Arab Migrants |  -1.933382    .483787    -4.00   0.000    -2.881587   -.9851764
                             |
                  foreigners |   .2114194   .0586504     3.60   0.000     .0964667     .326372
-----------------------------+------------------------------------------------
                       /cut1 |  -3.213076   .2105843                      -3.625814   -2.800338
                       /cut2 |  -1.570125   .1983542                      -1.958892   -1.181358
                       /cut3 |   .5090203    .189262                      .1380736    .8799669
------------------------------------------------------------------------------
```

```
.
. margins conjoint#i.migrant_groups, predict(outcome(4))

Predictive margins                                      Number of obs = 1,570
Model VCE: Robust

Expression: Pr(FOREIGN_VIGNETTE==4), predict(outcome(4))

------------------------------------------------------------------------------
                             |            Delta-method
                             |     Margin   std. err.      z    P>|z|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
conjoint#migrant_groups |
  Arab Doctors#Arab Migrants |   .5108417   .0269473    18.96   0.000     .4580261    .5636574
 Arab Doctors#Non-Arab Migrants |   .3127372   .0788051     3.97   0.000      .158282    .4671923
Indian Doctors#Arab Migrants |   .0947034   .0095756     9.89   0.000     .0759355    .1134713
Indian Doctors#Non-Arab Migrants |   .1908467   .0961796     1.98   0.047     .0023382    .3793553
 Arab Construction#Arab Migrants |   .2591083    .018936    13.68   0.000     .2219944    .2962223
Arab Construction#Non-Arab Migrants |   .1450168   .0503218     2.88   0.004     .0463879    .2436457
Indian Construction#Arab Migrants |   .0829408   .0088234     9.40   0.000     .0656473    .1002344
Indian Construction#Non-Arab Migrants |   .1329266   .0541181     2.46   0.014      .026857    .2389962
------------------------------------------------------------------------------

.
. marginsplot, ///
> title("Kuwait", margin(medium) size(3.9) nospan) ///
> xtitle(" ", margin(small) size(3.3)) ///
> ytitle(" ", margin(medium) size(3.2)) ///
> xlab( 1 `""Arab""Doctors""' ///
>  2 `""Indian""Doctors""' ///
>  3 `""Arab"" Construction""' ///
>  4 `""Indian"" Construction""', nogrid labsize(3.1)) ///
>  ylabel(, grid labsize(3.3)) ///
> scheme(s2color) ///
> aspectratio(0.85) ///
> plot1opts(msymbol(D) msize(1.6) mcolor(navy%95*0.8) lcolor(none)) ///
> plot2opts(msymbol(O) msize(2) mcolor(gold%95*1.2) lcolor(none)) ///
```

```
> ciopts(recast(rcap) lcolor(grey%95*0.4) msize(2.8)) ///
> graphregion(color(white) margin(small)) plotregion(margin(t = 3 b = 3 r = 8 l =
5)) ///
>  legend(region(margin(small)) ///
>  bmargin(tiny) ///
>  size(3.3) r(1) symxsize(small) symysize(small) ///
>  pos(6) ring(1))

Variables that uniquely identify margins: conjoint migrant_groups
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)

.
. graph save figure_1_kuwait.gph, replace
file figure_1_kuwait.gph saved

.
.
.
. // Combine plots for figure 1: Migrant Worker Prioritization among Arab and
non-Arab Migrants by Country
.
. // graph drop migrants_exp_country
. graph combine figure_1_qatar.gph figure_1_kuwait.gph , xcommon ycommon
name(migrants_exp_country)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)

.
.
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.
.
.
.
. **** Appendix Figure 2: Migrant Worker Prioritization among Low and High Educated
Arab Migrants
.
. // Less than University education
.
. quietly ologit FOREIGN_VIGNETTE conjoint#i.migrant_groups foreigners if educ < 7
& migrant_groups  == 2, robust
```

```
.
. margins conjoint#i.migrant_groups, predict(outcome(4))

Predictive margins                                      Number of obs = 1,378
Model VCE: Robust

Expression: Pr(FOREIGN_VIGNETTE==4), predict(outcome(4))

------------------------------------------------------------------------------
                             |            Delta-method
                             |     Margin   std. err.      z    P>|z|     [95% conf. interval]
-----------------------------+------------------------------------------------
conjoint#migrant_groups      |
  Arab Doctors#Arab Migrants |   .5626231   .0266001    21.15   0.000     .5104879    .6147583
 Indian Doctors#Arab Migrants |   .0762909   .0093563     8.15   0.000      .057953    .0946289
  Arab Construction#Arab Migrants |   .2956779   .0222899    13.27   0.000     .2519904    .3393654
Indian Construction#Arab Migrants |   .0892118   .0099283     8.99   0.000     .0697527    .1086709
------------------------------------------------------------------------------

.
. marginsplot, ///
> title("Low Education", margin(medium) size(3.9) nospan) ///
> xtitle(" ", margin(small) size(3.3)) ///
> ytitle("Probability of High Prioritization", margin(medium) size(3.2)) ///
> xlab( 1 `""Arab""Doctors""' ///
>  2 `""Indian""Doctors""' ///
>  3 `""Arab"" Construction""' ///
>  4 `""Indian"" Construction""', nogrid labsize(3.1)) ///
>  ylabel(, grid labsize(3.3)) ///
> scheme(s2color) ///
> aspectratio(0.85) ///
> plot1opts(msymbol(D) msize(1.6) mcolor(navy%95*0.8) lcolor(none)) ///
> ciopts(recast(rcap) lcolor(grey%95*0.4) msize(2.8)) ///
> graphregion(color(white) margin(small)) plotregion(margin(t = 3 b = 3 r = 8 l =
5)) ///
>  legend(region(margin(small)) ///
>  bmargin(tiny) ///
>  size(3.3) r(1) symxsize(small) symysize(small) ///
>  pos(6) ring(1))

Variables that uniquely identify margins: conjoint
```

```
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)

.
. graph save figure_2_low_educ.gph, replace
file figure_2_low_educ.gph saved

.
.
.
.
.
. // Education level of undergraduate degee and above
.
. quietly ologit FOREIGN_VIGNETTE conjoint#i.migrant_groups foreigners if educ >= 7
& migrant_groups  == 2, robust

.
. margins conjoint#i.migrant_groups, predict(outcome(4))

Predictive margins                                      Number of obs = 3,901
Model VCE: Robust

Expression: Pr(FOREIGN_VIGNETTE==4), predict(outcome(4))

------------------------------------------------------------------------------
                             |            Delta-method
                             |     Margin   std. err.      z    P>|z|     [95% conf. interval]
-----------------------------+------------------------------------------------------------------
           conjoint#migrant_groups |
       Arab Doctors#Arab Migrants  |   .6139004    .015709    39.08   0.000     .5831113    .6446896
     Indian Doctors#Arab Migrants  |   .0652276   .0046607    14.00   0.000     .0560927    .0743624
  Arab Construction#Arab Migrants  |   .3341406   .0140533    23.78   0.000     .3065966    .3616847
Indian Construction#Arab Migrants  |   .1004859    .006639    15.14   0.000     .0874737    .1134981
------------------------------------------------------------------------------

.
. marginsplot, ///
> title("High Education", margin(medium) size(3.9) nospan) ///
> xtitle(" ", margin(small) size(3.3)) ///
> ytitle(" ", margin(medium) size(3.2)) ///
> xlab( 1 `""Arab""Doctors""' ///
```

```
>  2 `""Indian""Doctors""' ///
>  3 `""Arab"" Construction""' ///
>  4 `""Indian"" Construction""', nogrid labsize(3.1)) ///
>  ylabel(, grid labsize(3.3)) ///
> scheme(s2color) ///
> aspectratio(0.85) ///
> plot1opts(msymbol(D) msize(1.6) mcolor(navy%95*0.8) lcolor(none)) ///
> ciopts(recast(rcap) lcolor(grey%95*0.4) msize(2.8)) ///
> graphregion(color(white) margin(small)) plotregion(margin(t = 3 b = 3 r = 8 l =
5)) ///
>  legend(region(margin(small)) ///
>  bmargin(tiny) ///
>  size(3.3) r(1) symxsize(small) symysize(small) ///
>  pos(6) ring(1))

Variables that uniquely identify margins: conjoint
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)

.
. graph save figure_2_high_educ.gph, replace
file figure_2_high_educ.gph saved

.
.
.
. // Combine plots
.
. // graph drop migrants_exp_arab_edu
. graph combine figure_2_low_educ.gph figure_2_high_educ.gph, xcommon ycommon
name(migrants_exp_arab_edu)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)
(note:  named style grey not found in class color, default attributes used)

.
.
.
.
.
. log close
      name:  <unnamed>
       log:
  log type:  text
 closed on:  25 Sep 2023, 11:53:33
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
----
```