```
*use     data

clear

import delimited C:\Users\UHK\Downloads\dat.csv, delimiter(";") encoding(utf8)

*model1

melogit mentions01  i.candidates01 i.periphery population_share  incumbency repeated_candidacy coalition logpopulation_unit population_share  national n_units national_koal || municipality:|| group: , or

est store blabl

*model2

melogit mentions01  i.candidates01##i.periphery population_share  incumbency repeated_candidacy coalition logpopulation_unit population_share  national n_units national_koal || municipality:|| group: || , or

est store alcmod

*model3

melogit mentions01  i.candidates01##c.population_share i.periphery   incumbency repeated_candidacy coalition logpopulation_unit population_share  national n_units national_koal || municipality:|| group: , or

est store depmod



*figue 1 in r code


est restore alcmod

margins if candidates01 == 0, at(periphery=(0 1)) post


*NOTE: Making separate predictions for centre and periphery;

est restore alcmod

margins if candidates01 == 0, at(periphery=(0 1)) post

est store           nocand


est restore alcmod

margins if candidates01 == 1, at(periphery=(0 1)) post

est store           cand
```

```
*Figure 3
set scheme s1mono
coefplot (nocand, col(gs5)) (cand, col(gs10)), ///
        vertical recast(bar) barw(0.3) level(90) ///
        ciopts(recast(rcap) color(gs10)) citop ///
        legend(order(1 "No candidate" 3 "candidate")) ///
        xlab(1 "centre" 2 "periphery") ///
        ytitle("Pr(Mention)") ylab(0(.2)1)
graph export "C:\Users\UHK\Desktop\článek lokální politika a programy\figure3ok.png", as(png)
width(2400) height(1800) replace



// Table 3: Predictions, AMEs, and 2nd Difference tests //
est restore alcmod
margins, over(candidates01) at(periphery=(0 1)) post
mlincom, clear

*NOTE: margins for different combinations of categories
qui mlincom 1, stat(est se p) add rowname("Pr(Mention):Centre, No candidate")
qui mlincom 2, stat(est se p) add rowname("Pr(Mention):Centre, Candidate")
qui mlincom 3, stat(est se p) add rowname("Pr(Mention):Periphery, No candidate")
qui mlincom 4, stat(est se p) add rowname("Pr(Mention):Periphery, Candidate")

*Effect for centre
qui mlincom 1 - 2, stat(est se p) add rowname("AME Candidate: Centre")
*Effect for periphery
qui mlincom 3 - 4, stat(est se p) add rowname("AME Candidate:  Periphery")
*2nd differences
qui mlincom (1 - 2) - (3 - 4), stat(est se p) add rowname("2nd Diff")
```

```
*Final table
mlincom, twidth(20) title("Pr(Mention) - Interaction Effects of Presence of Candidates x Centre/Periphery")


// Figure 3: Plot of predictions
est restore depmod
*Pr. Probs. for units with candidates
mgen if candidates01 == 0,       at(population_share=(0(1)100)) stub(bez) replace
*Pr. Probs. for units without
mgen if candidates01 == 1,       at(population_share=(0(1)100)) stub(kan) replace

lab var  kanmargin1 "candidate"                    // Add labels for graph legend
lab var             bezmargin1 "no candidate"

*Create variable for significance information of group differences
gen                 kanSig = kanmargin1
gen                 bezSig = bezmargin1
lab var  kanSig "candidate"
lab var             bezSig "no candidate"



set scheme s1mono
twoway  (rarea kanll1 kanul1 kanpopulation_share, col(gs14)) ///
                    (rarea bezll1 bezul1 bezpopulation_share, col(gs14)) ///
                    (connected kanSig kanpopulation_share, ///
                                lpat(solid) lcol(black) lwid(medthick) msym(none)) ///
                    (connected bezmargin1 kanpopulation_share, ///
                                lpat(dash) lcol(black) lwid(medthick) msym(none)), ///
      xtitle("Population share") ytitle("Probability of mention") ///
```

```
                xlab(0(10)100) ylab(0(0.1)1) legend(order(3 4)), ///

                histogram population_share

note("", span)


graph export "C:\Users\UHK\Desktop\článek lokální politika a programy\figure2ok.png", as(png)
width(2400) height(1800) replace




*subgroup analyses

clear

import delimited C:\Users\UHK\Downloads\dat.csv, delimiter(";") encoding(utf8)


keep if poc_obyv_obec >= 1500 & poc_obyv_obec <=10000

melogit mentions01  i.candidates01 i.periphery population_share  incumbency repeated_candidacy
coalition logpopulation_unit population_share  national n_units national_koal || municipality:||
group: , or


melogit mentions01  i.candidates01##i.periphery population_share  incumbency repeated_candidacy
coalition logpopulation_unit population_share  national n_units national_koal || municipality:||
group: || , or

est store alcmod




// Figure 12 - plot of predictions //


*NOTE: Making separate predictions for centre and periphery;

*          store each for use with coefplot

est restore alcmod

margins if candidates01 == 0, at(periphery=(0 1)) post

est store          nocand
```

```
est restore alcmod
margins if candidates01 == 1, at(periphery=(0 1)) post
est store          cand

*NOTE: 90% confidence intervals (via the level(90)) option

*Basic plot
coefplot nocand cand, vertical recast(bar) barw(0.3)

*Plot with added options
coefplot (nocand, col(gs5)) (cand, col(gs10)), ///
        vertical recast(bar) barw(0.3) level(90) ///
        ciopts(recast(rcap) color(gs10)) citop ///
        legend(order(1 "No candidate" 3 "candidate")) ///
        xlab(1 "centre" 2 "periphery") ///
        ytitle("Pr(Mention)") ylab(0(.2)1)
graph export "C:\Users\UHK\Desktop\článek lokální politika a programy\figure3do10.png", as(png)
replace



// Table 3: Predictions, AMEs, and 2nd Difference tests //
est restore alcmod
margins, over(candidates01) at(periphery=(0 1)) post
mlincom, clear

*NOTE: The next four lines are not necessary but the margins output is hard
* to follow so I'm repeating the margins output in the same table as the AMEs
* and 2nd diff test with clearer labeling
qui mlincom 1, stat(est se p) add rowname("Pr(Mention):Centre, No candidate")
qui mlincom 2, stat(est se p) add rowname("Pr(Mention):Centre, Candidate")
qui mlincom 3, stat(est se p) add rowname("Pr(Mention):Periphery, No candidate")
```

```
qui mlincom 4, stat(est se p) add rowname("Pr(Mention):Periphery, Candidate")


*Effect of parenthood for Women

qui mlincom 1 - 2, stat(est se p) add rowname("AME Candidate: Centre")

*Effect of parenthood for Men

qui mlincom 3 - 4, stat(est se p) add rowname("AME Candidate:  Periphery")

*2nd differences

qui mlincom (1 - 2) - (3 - 4), stat(est se p) add rowname("2nd Diff")



*Final table

mlincom, twidth(20) title("Pr(Mention) - Interaction Effects of Presence of Candidates x
Centre/Periphery")



clear

import delimited C:\Users\UHK\Downloads\dat.csv, delimiter(";") encoding(utf8)


keep if poc_obyv_obec >= 10000 & poc_obyv_obec <=33000

melogit mentions01  i.candidates01 i.periphery population_share  incumbency repeated_candidacy
coalition logpopulation_unit population_share  national n_units national_koal || municipality:||
group: , or


melogit mentions01  i.candidates01##i.periphery population_share  incumbency repeated_candidacy
coalition logpopulation_unit population_share  national n_units national_koal || municipality:||
group: || , or

est store alcmod



// Figure 12 - plot of predictions //


*NOTE: Making separate predictions for centre and periphery;
```

```
*           store each for use with coefplot
est restore alcmod
margins if candidates01 == 0, at(periphery=(0 1)) post
est store           nocand

est restore alcmod
margins if candidates01 == 1, at(periphery=(0 1)) post
est store           cand

*NOTE: 90% confidence intervals (via the level(90)) option

*Basic plot
coefplot nocand cand, vertical recast(bar) barw(0.3)

*Plot with added options
coefplot (nocand, col(gs5)) (cand, col(gs10)), ///
        vertical recast(bar) barw(0.3) level(90) ///
        ciopts(recast(rcap) color(gs10)) citop ///
        legend(order(1 "No candidate" 3 "candidate")) ///
        xlab(1 "centre" 2 "periphery") ///
        ytitle("Pr(Mention)") ylab(0(.2)1)
graph export "C:\Users\UHK\Desktop\článek lokální politika a programy\figure3_10_33.png", as(png)
replace



// Table 3: Predictions, AMEs, and 2nd Difference tests //
est restore alcmod
margins, over(candidates01) at(periphery=(0 1)) post
mlincom, clear

*NOTE: The next four lines are not necessary but the margins output is hard
```

```
* to follow so I'm repeating the margins output in the same table as the AMEs
* and 2nd diff test with clearer labeling
qui mlincom 1, stat(est se p) add rowname("Pr(Mention):Centre, No candidate")
qui mlincom 2, stat(est se p) add rowname("Pr(Mention):Centre, Candidate")
qui mlincom 3, stat(est se p) add rowname("Pr(Mention):Periphery, No candidate")
qui mlincom 4, stat(est se p) add rowname("Pr(Mention):Periphery, Candidate")

*Effect of parenthood for Women
qui mlincom 1 - 2, stat(est se p) add rowname("AME Candidate: Centre")
*Effect of parenthood for Men
qui mlincom 3 - 4, stat(est se p) add rowname("AME Candidate:  Periphery")
*2nd differences
qui mlincom (1 - 2) - (3 - 4), stat(est se p) add rowname("2nd Diff")


*Final table
mlincom, twidth(20) title("Pr(Mention) - Interaction Effects of Presence of Candidates x
Centre/Periphery")



clear

import delimited C:\Users\UHK\Downloads\dat.csv, delimiter(";") encoding(utf8)

keep if poc_obyv_obec >= 33000
melogit mentions01  i.candidates01 i.periphery population_share  incumbency repeated_candidacy
coalition logpopulation_unit population_share  national n_units national_koal || municipality:||
group: , or
```

```
melogit mentions01  i.candidates01##i.periphery population_share  incumbency repeated_candidacy coalition logpopulation_unit population_share  national n_units national_koal || municipality:|| group: || , or

est store alcmod



// Figure 12 - plot of predictions //

*NOTE: Making separate predictions for centre and periphery;
*       store each for use with coefplot
est restore alcmod
margins if candidates01 == 0, at(periphery=(0 1)) post
est store       nocand

est restore alcmod
margins if candidates01 == 1, at(periphery=(0 1)) post
est store       cand

*NOTE: 90% confidence intervals (via the level(90)) option



*Plot with added options
coefplot (nocand, col(gs5)) (cand, col(gs10)), ///
        vertical recast(bar) barw(0.3) level(90) ///
        ciopts(recast(rcap) color(gs10)) citop ///
        legend(order(1 "No candidate" 3 "candidate")) ///
        xlab(1 "centre" 2 "periphery") ///
        ytitle("Pr(Mention)") ylab(0(.2)1)
graph export "C:\Users\UHK\Desktop\článek lokální politika a programy\figure3nad33.png", as(png) replace
```

```
// Table 3: Predictions, AMEs, and 2nd Difference tests //
est restore alcmod
margins, over(candidates01) at(periphery=(0 1)) post
mlincom, clear

*NOTE: The next four lines are not necessary but the margins output is hard
* to follow so I'm repeating the margins output in the same table as the AMEs
* and 2nd diff test with clearer labeling
qui mlincom 1, stat(est se p) add rowname("Pr(Mention):Centre, No candidate")
qui mlincom 2, stat(est se p) add rowname("Pr(Mention):Centre, Candidate")
qui mlincom 3, stat(est se p) add rowname("Pr(Mention):Periphery, No candidate")
qui mlincom 4, stat(est se p) add rowname("Pr(Mention):Periphery, Candidate")

*Effect of parenthood for Women
qui mlincom 1 - 2, stat(est se p) add rowname("AME Candidate: Centre")
*Effect of parenthood for Men
qui mlincom 3 - 4, stat(est se p) add rowname("AME Candidate:  Periphery")
*2nd differences
qui mlincom (1 - 2) - (3 - 4), stat(est se p) add rowname("2nd Diff")


*Final table
mlincom, twidth(20) title("Pr(Mention) - Interaction Effects of Presence of Candidates x
Centre/Periphery")

clear

import delimited C:\Users\UHK\Downloads\dat.csv, delimiter(";") encoding(utf8)
```

```
keep if poc_obyv_obec >= 1500 & poc_obyv_obec <=33000

melogit mentions01  i.candidates01 i.periphery population_share  incumbency repeated_candidacy coalition logpopulation_unit population_share  national n_units national_koal || municipality:|| group: , or


melogit mentions01  i.candidates01##i.periphery population_share  incumbency repeated_candidacy coalition logpopulation_unit population_share  national n_units national_koal || municipality:|| group: || , or

est store alcmod




// Figure 12 - plot of predictions //


*NOTE: Making separate predictions for centre and periphery;

*          store each for use with coefplot

est restore alcmod

margins if candidates01 == 0, at(periphery=(0 1)) post

est store          nocand


est restore alcmod

margins if candidates01 == 1, at(periphery=(0 1)) post

est store          cand


*NOTE: 90% confidence intervals (via the level(90)) option


*Basic plot

coefplot nocand cand, vertical recast(bar) barw(0.3)


*Plot with added options

coefplot (nocand, col(gs5)) (cand, col(gs10)), ///

          vertical recast(bar) barw(0.3) level(90) ///
```

```
        ciopts(recast(rcap) color(gs10)) citop ///
        legend(order(1 "No candidate" 3 "candidate")) ///
        xlab(1 "centre" 2 "periphery") ///
        ytitle("Pr(Mention)") ylab(0(.2)1)
graph export "C:\Users\UHK\Desktop\článek lokální politika a programy\figure3pod33.png", as(png) replace



// Table 3: Predictions, AMEs, and 2nd Difference tests //
est restore alcmod
margins, over(candidates01) at(periphery=(0 1)) post
mlincom, clear

*NOTE: The next four lines are not necessary but the margins output is hard
* to follow so I'm repeating the margins output in the same table as the AMEs
* and 2nd diff test with clearer labeling
qui mlincom 1, stat(est se p) add rowname("Pr(Mention):Centre, No candidate")
qui mlincom 2, stat(est se p) add rowname("Pr(Mention):Centre, Candidate")
qui mlincom 3, stat(est se p) add rowname("Pr(Mention):Periphery, No candidate")
qui mlincom 4, stat(est se p) add rowname("Pr(Mention):Periphery, Candidate")

*Effect of parenthood for Women
qui mlincom 1 - 2, stat(est se p) add rowname("AME Candidate: Centre")
*Effect of parenthood for Men
qui mlincom 3 - 4, stat(est se p) add rowname("AME Candidate:  Periphery")
*2nd differences
qui mlincom (1 - 2) - (3 - 4), stat(est se p) add rowname("2nd Diff")



*Final table
mlincom, twidth(20) title("Pr(Mention) - Interaction Effects of Presence of Candidates x Centre/Periphery")
```