

*Recoding for Brinegary and Jolly. 2005. "Location, Location, Location: National Contextual Factors and Public Support for European Integration." European Union Politics 6.2 (June)

*Variable explanations can be found in the text. For further information, contact Seth Jolly (skj3@duke.edu) or Adam Brinegar (apb7@duke.edu)

*Start from original Eurobarometer 44.2BIS

infix curspd 188 desspd 189 EUgoodbad 186 EUforvsag 185 EUBenefit 187 EMU
513 EUForPol 514 EUDefense 515 age 651-652 skill 647-648 ideology 636-637
income 696 citizenEU 202-202 citizennat 203-203 citizenreg 204-204 fearcult
304-304 fearsocben 302-302 likelyloss 305-305 fearlang 288-288 likelylang
289-289 belgium 99 denmark 100 germany 101 greece 102 spain 103 france 104
ireland 105 italy 106 lux 107 neth 108 port 109 uk 110 austria 111 sweden
112 finland 113 other 114 dk 115 party 644-645 occupation 659-660 female
650 discpol 165 using h:/brinjol/data/44.2BIS/da6748.txt

```
drop if age<15
drop if other==1
drop if dk==1
drop if lux==1
```

```
replace skill=age if skill==0
```

```
replace ideology=5.5 if ideology==11
replace ideology=5.5 if ideology==12
```

```
replace fearcult = 4 if fearcult == 2
replace fearcult = 2 if fearcult == 3
replace fearcult = 2 if fearcult == 0
replace fearcult = 3 if fearcult == 4
```

```
replace fearsocben = 4 if fearsocben == 2
replace fearsocben = 2 if fearsocben == 3
replace fearsocben = 2 if fearsocben == 0
replace fearsocben = 3 if fearsocben == 4
```

```
gen country=0
replace country=1 if belgium==1
replace country=2 if denmark==1
replace country=3 if germany==1
replace country=4 if greece==1
replace country=5 if spain==1
replace country=6 if france==1
replace country=7 if ireland==1
replace country=8 if italy==1
replace country=9 if neth==1
```

```
replace country=10 if port==1
replace country=11 if uk==1
replace country=12 if austria==1
replace country=13 if sweden==1
replace country=14 if finland==1
```

```
gen euredist2=0
```

```
replace euredist2=207 if belgium == 1
replace euredist2=162 if denmark == 1
replace euredist2=265 if germany == 1
replace euredist2=1440 if greece == 1
replace euredist2=878 if spain == 1
replace euredist2=257 if france == 1
replace euredist2=1695 if ireland ==1
replace euredist2=378 if italy == 1
replace euredist2=169 if neth == 1
replace euredist2=194 if austria ==1
replace euredist2=1518 if port ==1
replace euredist2=324 if finland ==1
replace euredist2=156 if sweden ==1
replace euredist2=225 if uk ==1
replace euredist2=260 if lux ==1
```

```
gen euredist3=euredist2/1000
```

```
gen partycue=0
```

```
replace partycue=4 if france==1&party==5
replace partycue=2 if france==1&party==10
replace partycue=6 if france==1&party==20
replace partycue=6.63 if france==1&party==30
replace partycue=5.57 if france==1&party==50
replace partycue=5.57 if france==1&party==51
replace partycue=4 if france==1&party==56
replace partycue=4 if france==1&party==59
replace partycue=5.25 if france==1&party==60
replace partycue=5.78 if france==1&party==70
replace partycue=6.67 if france==1&party==71
replace partycue=5.78 if france==1&party==72
replace partycue=5.78 if france==1&party==73
replace partycue=1.22 if france==1&party==80
replace partycue=4 if france==1&party==90
replace partycue=4 if france==1&party==95
replace partycue=4 if france==1&party==96
replace partycue=4 if france==1&party==98
replace partycue=4 if france==1&party==0
```

replace partycue=4 if belgium==1&party==10
replace partycue=6.2 if belgium==1&party==20
replace partycue=6.33 if belgium==1&party==21
replace partycue=6.5 if belgium==1&party==41
replace partycue=5.17 if belgium==1&party==50
replace partycue=6.33 if belgium==1&party==51
replace partycue=3.5 if belgium==1&party==52
replace partycue=6.6 if belgium==1&party==53
replace partycue=4 if belgium==1&party==54
replace partycue=5.2 if belgium==1&party==55
replace partycue=4.67 if belgium==1&party==56
replace partycue=6.4 if belgium==1&party==60
replace partycue=6.67 if belgium==1&party==61
replace partycue=4 if belgium==1&party==80
replace partycue=4 if belgium==1&party==90
replace partycue=4 if belgium==1&party==95
replace partycue=4 if belgium==1&party==96
replace partycue=4 if belgium==1&party==98
replace partycue=4 if belgium==1&party==0

replace partycue=4 if neth==1&party==14
replace partycue=4 if neth==1&party==17
replace partycue=5.78 if neth==1&party==20
replace partycue=5.11 if neth==1&party==22
replace partycue=4 if neth==1&party==52
replace partycue=4 if neth==1&party==53
replace partycue=2.13 if neth==1&party==57
replace partycue=6.33 if neth==1&party==63
replace partycue=6.22 if neth==1&party==70
replace partycue=2.89 if neth==1&party==81
replace partycue=2.89 if neth==1&party==82
replace partycue=2.89 if neth==1&party==84
replace partycue=4 if neth==1&party==90
replace partycue=4 if neth==1&party==95
replace partycue=4 if neth==1&party==96
replace partycue=4 if neth==1&party==98
replace partycue=4 if neth==1&party==0

replace partycue=3.57 if germany==1&party==10
replace partycue=5.71 if germany==1&party==20
replace partycue=6.71 if germany==1&party==40
replace partycue=4.86 if germany==1&party==50
replace partycue=6.86 if germany==1&party==60
replace partycue=1.29 if germany==1&party==81
replace partycue=4 if germany==1&party==90
replace partycue=4 if germany==1&party==95

replace partycue=4 if germany==1&party==96
replace partycue=4 if germany==1&party==98
replace partycue=4 if germany==1&party==0

replace partycue=2.14 if italy==1&party==10
replace partycue=6.5 if italy==1&party==11
replace partycue=4 if italy==1&party==15
replace partycue=4 if italy==1&party==16
replace partycue=4 if italy==1&party==20
replace partycue=4 if italy==1&party==31
replace partycue=4 if italy==1&party==42
replace partycue=5.14 if italy==1&party==50
replace partycue=6.38 if italy==1&party==61
replace partycue=6 if italy==1&party==62
replace partycue=6 if italy==1&party==63
replace partycue=4 if italy==1&party==64
replace partycue=4 if italy==1&party==71
replace partycue=6 if italy==1&party==75
replace partycue=2.25 if italy==1&party==80
replace partycue=4 if italy==1&party==90
replace partycue=4 if italy==1&party==95
replace partycue=4 if italy==1&party==96
replace partycue=4 if italy==1&party==98
replace partycue=4 if italy==1&party==0

replace partycue=1.33 if denmark==1&party==14
replace partycue=3.78 if denmark==1&party==15
replace partycue=5.89 if denmark==1&party==20
replace partycue=6.67 if denmark==1&party==40
replace partycue=5.33 if denmark==1&party==41
replace partycue=5.63 if denmark==1&party==60
replace partycue=5.13 if denmark==1&party==61
replace partycue=6.89 if denmark==1&party==70
replace partycue=2.44 if denmark==1&party==80
replace partycue=4 if denmark==1&party==90
replace partycue=4 if denmark==1&party==95
replace partycue=4 if denmark==1&party==96
replace partycue=4 if denmark==1&party==98
replace partycue=4 if denmark==1&party==0

replace partycue=3.5 if ireland==1&party==15
replace partycue=4.88 if ireland==1&party==20
replace partycue=3.29 if ireland==1&party==21
replace partycue=6.29 if ireland==1&party==22
replace partycue=6.38 if ireland==1&party==30
replace partycue=3.13 if ireland==1&party==50

replace partycue=4 if ireland==1&party==59
replace partycue=5.25 if ireland==1&party==60
replace partycue=3 if ireland==1&party==81
replace partycue=4 if ireland==1&party==90
replace partycue=4 if ireland==1&party==95
replace partycue=4 if ireland==1&party==96
replace partycue=4 if ireland==1&party==98
replace partycue=4 if ireland==1&party==0

replace partycue=6 if uk==1&party==20
replace partycue=4 if uk==1&party==30
replace partycue=6.63 if uk==1&party==40
replace partycue=6 if uk==1&party==50
replace partycue=4 if uk==1&party==51
replace partycue=4 if uk==1&party==52
replace partycue=3.5 if uk==1&party==60
replace partycue=4 if uk==1&party==90
replace partycue=4 if uk==1&party==95
replace partycue=4 if uk==1&party==96
replace partycue=4 if uk==1&party==98

replace partycue=4 if uk==1&party==0

replace partycue=1.2 if greece==1&party==10
replace partycue=6.3 if greece==1&party==15
replace partycue=6.7 if greece==1&party==20
replace partycue=7 if greece==1&party==60
replace partycue=6.3 if greece==1&party==61
replace partycue=4 if greece==1&party==90
replace partycue=4 if greece==1&party==95
replace partycue=4 if greece==1&party==96
replace partycue=4 if greece==1&party==98
replace partycue=4 if greece==1&party==0

replace partycue=3.85 if spain==1&party==10
replace partycue=6.62 if spain==1&party==20
replace partycue=6.71 if spain==1&party==53
replace partycue=6.17 if spain==1&party==54
replace partycue=6 if spain==1&party==55
replace partycue=6.85 if spain==1&party==56
replace partycue=6.43 if spain==1&party==57
replace partycue=6.42 if spain==1&party==58
replace partycue=6.83 if spain==1&party==60
replace partycue=6.31 if spain==1&party==70
replace partycue=4 if spain==1&party==71
replace partycue=4 if spain==1&party==90

```
replace partycue=4 if spain==1&party==95
replace partycue=4 if spain==1&party==96
replace partycue=4 if spain==1&party==98
replace partycue=4 if spain==1&party==0
```

```
replace partycue=1.75 if port==1&party==10
replace partycue=4 if port==1&party==16
replace partycue=6.71 if port==1&party==20
replace partycue=6.43 if port==1&party==30
replace partycue=5.5 if port==1&party==40
replace partycue=2.71 if port==1&party==60
replace partycue=4 if port==1&party==81
replace partycue=4 if port==1&party==90
replace partycue=4 if port==1&party==95
replace partycue=4 if port==1&party==96
replace partycue=4 if port==1&party==98
replace partycue=4 if port==1&party==0
```

```
replace partycue=3 if finland==1&party==10
replace partycue=6.5 if finland==1&party==20
replace partycue=6.63 if finland==1&party==40
replace partycue=4 if finland==1&party==41
replace partycue=4.88 if finland==1&party==50
replace partycue=4 if finland==1&party==51
replace partycue=4.5 if finland==1&party==60
replace partycue=1.38 if finland==1&party==61
replace partycue=7 if finland==1&party==70
replace partycue=4 if finland==1&party==71
replace partycue=4 if finland==1&party==72
replace partycue=4 if finland==1&party==75
replace partycue=4 if finland==1&party==76
replace partycue=4 if finland==1&party==90
replace partycue=4 if finland==1&party==95
replace partycue=4 if finland==1&party==96
replace partycue=4 if finland==1&party==98
replace partycue=4 if finland==1&party==0
```

```
replace partycue=1.71 if sweden==1&party==10
replace partycue=6.43 if sweden==1&party==20
replace partycue=7 if sweden==1&party==40
replace partycue=5 if sweden==1&party==50
replace partycue=1 if sweden==1&party==51
replace partycue=6.71 if sweden==1&party==60
replace partycue=4.5 if sweden==1&party==61
replace partycue=4 if sweden==1&party==80
replace partycue=4 if sweden==1&party==90
```

```
replace partycue=4 if sweden==1&party==95
replace partycue=4 if sweden==1&party==96
replace partycue=4 if sweden==1&party==98
replace partycue=4 if sweden==1&party==0
```

```
replace partycue=7 if austria==1&party==20
replace partycue=3 if austria==1&party==50
replace partycue=7 if austria==1&party==60
replace partycue=7 if austria==1&party==70
replace partycue=1.8 if austria==1&party==80
replace partycue=4 if austria==1&party==90
replace partycue=4 if austria==1&party==95
replace partycue=4 if austria==1&party==96
replace partycue=4 if austria==1&party==98
replace partycue=4 if austria==1&party==0
```

```
drop if partycue==0
```

```
gen vc1=0
```

```
replace vc1=0 if spain==1
replace vc1=1 if belgium==1
replace vc1=1 if denmark==1
replace vc1=1 if germany==1
replace vc1=0 if greece==1
replace vc1=0 if france==1
replace vc1=0 if ireland==1
replace vc1=0 if italy==1
replace vc1=1 if neth==1
replace vc1=0 if port==1
replace vc1=0 if uk==1
replace vc1=1 if austria==1
replace vc1=1 if sweden==1
replace vc1=1 if finland==1
```

```
gen vc2=0
```

```
replace vc2=0 if spain==1
replace vc2=1 if belgium==1
replace vc2=1 if denmark==1
replace vc2=1 if germany==1
replace vc2=0 if greece==1
replace vc2=1 if france==1
replace vc2=0 if ireland==1
replace vc2=1 if italy==1
replace vc2=1 if neth==1
replace vc2=0 if port==1
replace vc2=0 if uk==1
```

```
replace vc2=1 if austria==1
replace vc2=1 if sweden==1
replace vc2=1 if finland==1
```

```
gen vc3=0
replace vc3=.58 if spain==1
replace vc3=.74 if belgium==1
replace vc3=.7 if denmark==1
replace vc3=.95 if germany==1
replace vc3=.5 if greece==1
replace vc3=.69 if france==1
replace vc3=.29 if ireland==1
replace vc3=.87 if italy==1
replace vc3=.66 if neth==1
replace vc3=.72 if port==1
replace vc3=.07 if uk==1
replace vc3=1 if austria==1
replace vc3=.69 if sweden==1
replace vc3=.72 if finland==1
```

```
gen vc4=0
replace vc4=1 if spain==1
replace vc4=1 if belgium==1
replace vc4=0 if denmark==1
replace vc4=1 if germany==1
replace vc4=1 if greece==1
replace vc4=1 if france==1
replace vc4=1 if ireland==1
replace vc4=1 if italy==1
replace vc4=1 if neth==1
replace vc4=1 if port==1
replace vc4=0 if uk==1
replace vc4=1 if austria==1
replace vc4=0 if sweden==1
replace vc4=0 if finland==1
```

```
gen vc5=0
replace vc5=2 if spain==1
replace vc5=2 if belgium==1
replace vc5=1 if denmark==1
replace vc5=2 if germany==1
replace vc5=2 if greece==1
replace vc5=2 if france==1
replace vc5=2 if ireland==1
replace vc5=2 if italy==1
replace vc5=2 if neth==1
```



```
replace vc5=2 if port==1
replace vc5=3 if uk==1
replace vc5=2 if austria==1
replace vc5=1 if sweden==1
replace vc5=1 if finland==1
```

```
gen agevc5=age*vc5
```

```
gen skillendowment = 0
replace skillendowment = 59.5 if belgium == 1
replace skillendowment = 80.0 if denmark == 1
replace skillendowment = 82.0 if germany == 1
replace skillendowment = 51.4 if greece == 1
replace skillendowment = 36.0 if spain == 1
replace skillendowment = 62.4 if france ==1
replace skillendowment = 51.3 if ireland == 1
replace skillendowment = 44.0 if italy == 1
replace skillendowment = 47.8 if lux == 1
replace skillendowment = 65.9 if neth ==1
replace skillendowment = 76.2 if austria == 1
replace skillendowment = 20.7 if port == 1
replace skillendowment = 73.3 if finland == 1
replace skillendowment = 77.4 if sweden == 1
replace skillendowment = 55.2 if uk == 1
```

*Generate profession dummy variables following Gabel 1998

```
gen professional=0
replace professional=1 if occupation==7
replace professional=1 if occupation==10
replace professional=1 if occupation==13
```

```
gen executive=0
replace executive=1 if occupation==11
replace executive=1 if occupation==12
```

```
gen manuallabor=0
replace manuallabor=1 if occupation==17
replace manuallabor=1 if occupation==18
```

```
gen unemployed=0
replace unemployed=1 if occupation==3
```

```
gen farmer=0
replace farmer=1 if occupation==5
```

```
gen smallbus=0
```

```
replace smallbus=1 if occupation==8
replace smallbus=1 if occupation==9
```

```
gen retired=0
replace retired=1 if occupation==4
```

```
gen housewife=0
replace housewife=1 if occupation==1
```

```
gen student=0
replace student=1 if occupation==2
```

```
gen incnoans=0
replace incnoans=1 if income==5
replace incnoans=1 if income==0
gen loincome=0
replace loincome=1 if income==1
gen himidincome=0
replace himidincome=1 if income==3
gen hiincome=0
replace hiincome=1 if income==4
```

```
gen EUdura=0
replace EUdura=1 if austria==1
replace EUdura=1 if finland==1
replace EUdura=1 if sweden==1
replace EUdura=2 if spain==1
replace EUdura=2 if port==1
replace EUdura=2 if greece==1
replace EUdura=3 if uk==1
replace EUdura=3 if ireland==1
replace EUdura=3 if denmark==1
replace EUdura=4 if neth==1
replace EUdura=4 if italy==1
replace EUdura=4 if germany==1
replace EUdura=4 if france==1
replace EUdura=4 if belgium==1
```

```
*Generate dependent variables
drop if dsspdp==8
drop if curspd==8
gen newdsspdp=dsspdp*2
replace curspd=8 if curspd==7
replace curspd=9 if curspd==6
replace curspd=10 if curspd==5
replace curspd=7 if curspd==1
```

```
replace curspd=6 if curspd==2
replace curspd=5 if curspd==3
replace curspd=3 if curspd==10
replace curspd=2 if curspd==9
replace curspd=1 if curspd==8
gen OEIV=newdesspd+curspd
```

```
replace EUgoodbad=5 if EUgoodbad==1
replace EUgoodbad=1 if EUgoodbad==2
replace EUgoodbad=2 if EUgoodbad==3
replace EUgoodbad=2 if EUgoodbad==4
replace EUgoodbad=3 if EUgoodbad==5
drop if EUgoodbad==0
```

```
replace EUforvsag=6 if EUforvsag==1
replace EUforvsag=7 if EUforvsag==2
replace EUforvsag=1 if EUforvsag==4
replace EUforvsag=2 if EUforvsag==3
replace EUforvsag=3 if EUforvsag==5
replace EUforvsag=5 if EUforvsag==6
replace EUforvsag=4 if EUforvsag==7
drop if EUforvsag==0
```

```
replace EUbeneft=4 if EUbeneft==1
replace EUbeneft=1 if EUbeneft==2
replace EUbeneft=2 if EUbeneft==3
replace EUbeneft=3 if EUbeneft==4
drop if EUbeneft==0
```

```
gen CEEI=EUforvsag+EUgoodbad
drop if CEEI==0
```

```
gen OEIV100=OEIV/21*100
gen EUgood100=(EUgoodbad-1)*50
gen CEEI100=(CEEI-1)*25
```

```
gen skillendow = skill*skillendowment
```

```
gen discnever=0
replace discnever=1 if discpol==3
gen discfreq=0
replace discfreq=1 if discpol==1
```

```
gen hiskillend=0
replace hiskillend=1 if skillendowment>60.37543
gen loskillend=0
```

```
replace loskillend=1 if skillendowment<60.37543
```

```
gen loskill=0
```

```
replace loskill=1 if skill<18.04514
```

```
gen hiskill=0
```

```
replace hiskill=1 if skill>18.04514
```

```
*netranpcgdp=Mattila's Net Transfers as a % of GDP, averaged from 1995-2000  
gen netranpcgdp=.
```

```
*netranepc=Mattila's Net Transfers (euros/capita), averaged from 1995-2000  
gen netranepc=.
```

```
*netranfair=Mattila's "fair" Net Transfers (euros/capita), averaged from  
1995-2000
```

```
gen netranfair=.
```

```
replace netranpcgdp=3.88 if greece==1
```

```
replace netranepc=391 if greece==1
```

```
replace netranfair=288 if greece==1
```

```
replace netranpcgdp=2.83 if port==1
```

```
replace netranepc=266 if port==1
```

```
replace netranfair=238 if port==1
```

```
replace netranpcgdp=1.27 if spain==1
```

```
replace netranepc=160 if spain==1
```

```
replace netranfair=170 if spain==1
```

```
replace netranpcgdp=-.05 if finland==1
```

```
replace netranepc=-10 if finland==1
```

```
replace netranfair=-7 if finland==1
```

```
replace netranpcgdp=-.12 if france==1
```

```
replace netranepc=-24 if france==1
```

```
replace netranfair=-15 if france==1
```

```
replace netranpcgdp=-.23 if uk==1
```

```
replace netranepc=-46 if uk==1
```

```
replace netranfair=-17 if uk==1
```

```
replace netranpcgdp=-.46 if sweden==1
```

```
replace netranepc=-108 if sweden==1
```

```
replace netranfair=-27 if sweden==1
```

```
replace netranpcgdp=-.1 if italy==1
```

```
replace netranepc=-16 if italy==1
```

```
replace netranfair=-38 if italy==1
```

```
replace netranpcgdp=3.51 if ireland==1
```

```
replace netranepc=598 if ireland==1
```

```
replace netranfair=-49 if ireland==1
```

```
replace netranpcgdp=-.56 if germany==1
```

```
replace netranepc=-128 if germany==1
```

```
replace netranfair=-75 if germany==1
```

```
replace netranpcgdp=-.11 if belgium==1
```

```
replace netranepc=-24 if belgium==1
```

```
replace netranfair=-100 if belgium==1
replace netranpcgdp=-.37 if austria==1
replace netranepc=-85 if austria==1
replace netranfair=-107 if austria==1
replace netranpcgdp=-.43 if neth==1
replace netranepc=-95 if neth==1
replace netranfair=-124 if neth==1
replace netranpcgdp=.1 if denmark==1
replace netranepc=27 if denmark==1
replace netranfair=-187 if denmark==1
```

```
label define Country 1 "Belgium"
label define Country 2 "Denmark", add
label define Country 3 "Germany", add
label define Country 4 "Greece", add
label define Country 5 "Spain", add
label define Country 6 "France", add
label define Country 7 "Ireland", add
label define Country 8 "Italy", add
label define Country 9 "Netherlands", add
label define Country 10 "Portugal", add
label define Country 11 "UK", add
label define Country 12 "Austria", add
label define Country 13 "Sweden", add
label define Country 14 "Finland", add
```

```
label values country Country
```

*Time to create education dummies from skill by simply splitting into quartiles

*Dummy coding directly follows Gabel 1998, 154 fn16

```
gen loweduc=0
replace loweduc=1 if skill<15
gen lowmideduc=0
replace lowmideduc=1 if skill>=15 & skill<20
gen highmideduc=0
replace highmideduc=1 if skill>=20 & skill<=21
gen higheduc=0
replace higheduc=1 if skill>21
```

*outsheet

SAS Code and Results for “National Contextual Factors and Support for European Integration” Adam Brinegar and Seth Jolly

The SAS System 13:16 Sunday, October 12, 2003 1

proc means data=ml ehw; run;

The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
////////////////////////////////////						
skil l	skil l	54944	18.0419336	4.7172445	6.0000000	81.0000000
i deol ogy	i deol ogy	54944	5.2601467	1.8643862	1.0000000	10.0000000
i ncome	i ncome	54944	3.0741300	1.4419405	1.0000000	5.0000000
fearcul t	fearcul t	54944	2.2231363	0.9458363	1.0000000	3.0000000
fearsocben	fearsocben	54944	1.7776645	0.9365308	1.0000000	3.0000000
bel gi um	bel gi um	54944	0.0475757	0.2128687	0	1.0000000
denmark	denmark	54944	0.0526718	0.2233795	0	1.0000000
germany	germany	54944	0.1566504	0.3634742	0	1.0000000
greece	greece	54944	0.0516162	0.2212529	0	1.0000000
spai n	spai n	54944	0.0915660	0.2884149	0	1.0000000
france	france	54944	0.1038512	0.3050702	0	1.0000000
i rel and	i rel and	54944	0.0431894	0.2032852	0	1.0000000
i tal y	i tal y	54944	0.1020312	0.3026920	0	1.0000000
lux	lux	54944	0	0	0	0
neth	neth	54944	0.0611168	0.2395466	0	1.0000000
port	port	54944	0.0496506	0.2172239	0	1.0000000
uk	uk	54944	0.0912020	0.2878987	0	1.0000000
austri a	austri a	54944	0.0440630	0.2052371	0	1.0000000
sweden	sweden	54944	0.0483765	0.2145625	0	1.0000000
fi nl and	fi nl and	54944	0.0574403	0.2326841	0	1.0000000
other	other	54944	0	0	0	0
dk	dk	54944	0	0	0	0
euredi st3	euredi st3	54944	0.4931445	0.4720454	0.1560000	1.6950000
partycue	partycue	54944	4.9979286	1.3925807	1.0000000	7.0000000
vc1	vc1	54944	0.4675670	0.4989515	0	1.0000000
vc2	vc2	54944	0.6732855	0.4690161	0	1.0000000
vc3	vc3	54944	0.6734624	0.2510226	0.0700000	1.0000000
vc4	vc4	54944	0.7504732	0.4327431	0	1.0000000
vc5	vc5	54944	1.9328771	0.4950008	1.0000000	3.0000000
agevc5	agevc5	54944	83.0043317	40.8742602	15.0000000	279.0000000
skil l endowment	skil l endowment	54944	60.3678636	17.3322101	20.7000000	82.0000000
profession al	profession al	54944	0.1044518	0.3058485	0	1.0000000
executi ve	executi ve	54944	0.0796993	0.2708296	0	1.0000000
manual abor	manual abor	54944	0.1279849	0.3340760	0	1.0000000
unempl oyed	unempl oyed	54944	0.0686517	0.2528633	0	1.0000000
farmer	farmer	54944	0.0466111	0.2108063	0	1.0000000
smal l bus	smal l bus	54944	0.0617174	0.2406437	0	1.0000000
reti red	reti red	54944	0.1887558	0.3913181	0	1.0000000
housewi fe	housewi fe	54944	0.1124418	0.3159121	0	1.0000000
student	student	54944	0.1085469	0.3110727	0	1.0000000
loi ncome	loi ncome	54944	0.1867174	0.3896880	0	1.0000000
hi mi di ncome	hi mi di ncome	54944	0.1864080	0.3894391	0	1.0000000
hi i ncome	hi i ncome	54944	0.1817669	0.3856558	0	1.0000000
eudura	eudura	54944	2.9785600	1.1236362	1.0000000	4.0000000
oei v100	oei v100	54944	65.9515662	18.3989881	0	100.0000000
eugood100	eugood100	54944	65.0289386	42.8405005	0	100.0000000
ceei 100	ceei 100	54944	123.2136357	44.2132935	25.0000000	175.0000000
skil l endow	skil l endow	54944	978.3205282	552.3619023	0	3198.00
di scnever	di scnever	54944	0.2487078	0.4322680	0	1.0000000
di scfreq	di scfreq	54944	0.1735767	0.3787485	0	1.0000000
hi skil l end	hi skil l end	54944	0.5237879	0.4994384	0	1.0000000
loski l l end	loski l l end	54944	0.4762121	0.4994384	0	1.0000000
loski l l	loski l l	54944	0.6370304	0.4808606	0	1.0000000
hi skil l	hi skil l	54944	0.3629696	0.4808606	0	1.0000000
age	age	54944	42.9972881	17.3751959	15.0000000	97.0000000
netranPCGDP	netranPCGDP	54944	0.4092680	1.3305819	-0.5600000	3.8800000
netranEpC	netranEpC	54944	30.4087070	180.5504689	-128.0000000	598.0000000
netranFAI R	netranFAI R	54944	-7.2334559	121.0654351	-187.0000000	288.0000000
loweduc	loweduc	54944	0.2025335	0.4018913	0	1.0000000
lowmi deduc	lowmi deduc	54944	0.5052235	0.4999773	0	1.0000000

hi ghmi deduc	hi ghmi deduc	54944	0. 1013759	0. 3018286	0	1. 0000000
hi gheduc	hi gheduc	54944	0. 1908671	0. 3929881	0	1. 0000000
////////////////////////////////////						

```

proc mixed data=mlhw noclprint covtest;
title 'random effects anova on OEIV';
class country;
model OEIV100= /solution notest;
random intercept/sub=country;
run;

```

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```

random effects anova on OEIV
The Mixed Procedure
Model Information
Data Set WORK.MLEHW
Dependent Variable oeiv100
Covariance Structure Variance Components
Subject Effect country
Estimation Method REML
Residual Variance Method Profile
Fixed Effects SE Method Model-Based
Degrees of Freedom Method Containment

Dimensions
Covariance Parameters 2
Columns in X 1
Columns in Z Per Subject 1
Subjects 14
Max Obs Per Subject 8604
Observations Used 54944
Observations Not Used 0
Total Observations 54944

```

```

Iteration History
Iteration Evaluations -2 Res Log Likelihood Criterion
0 1 475952.91570604
1 3 466193.36422873 0.00000029
2 1 466193.30622928 0.00000001

```

Convergence criteria met.

```

Covariance Parameter Estimates
Cov Parm Subject Estimate Standard Error Z Value Pr > |Z|
Intercept country 55.4622 21.4646 2.58 0.0049
Residual 282.99 1.7076 165.73 <.0001

```

```

Fit Statistics
-2 Res Log Likelihood 466193.3
AIC (smaller is better) 466197.3
AICC (smaller is better) 466197.3
BIC (smaller is better) 466198.6

```

```

Solution for Fixed Effects
Effect Estimate Standard Error DF t Value Pr > |t|
Intercept 66.0660 1.9919 13 33.17 <.0001

```



```

proc mixed data=mlhw noclprint covtest;
title 'random effects anova on GoodBad';
class country;
model EUgood100= /solution notest;
random intercept/sub=country;
run;

```

random effects anova on GoodBad

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The Mixed Procedure

Model Information

Data Set	WORK.MLEHW
Dependent Variable	eugood100
Covariance Structure	Variance Components
Subject Effect	country
Estimation Method	REML
Residual Variance Method	Profile
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Containment

Dimensions

Covariance Parameters	2
Columns in X	1
Columns in Z Per Subject	1
Subjects	14
Max Obs Per Subject	8604
Observations Used	54944
Observations Not Used	0
Total Observations	54944

Iteration History

Iteration	Evaluations	-2 Res Log Like	Criterion
0	1	568827.27269929	
1	2	566393.64175764	0.00000001
2	1	566393.63867522	0.00000000

Convergence criteria met.

Covariance Parameter Estimates

Cov Parm	Subject	Estimate	Standard Error	Z Value	Pr > Z
Intercept	country	95.7439	37.7401	2.54	0.0056
Residual		1753.60	10.5813	165.73	<.0001

Fit Statistics

-2 Res Log Likelihood	566393.6
AIC (smaller is better)	566397.6
AICC (smaller is better)	566397.6
BIC (smaller is better)	566398.9

Solution for Fixed Effects

Effect	Estimate	Standard Error	DF	t Value	Pr > t
Intercept	65.6402	2.6222	13	25.03	<.0001

```

proc mixed data=mlhw noclprint covtest method=reml;
title 'Level 1 & Level 2 predictors with random intercepts on OEIV';
class country;
model OEIV100=loweduc highmi deduc higheduc ideology partycue fearcul t fearsocben loincome himid income hiincome age
VC4 VC5 skillendowment netranPCGDP/ddfm=bw solution notes;
random intercept loweduc highmi deduc higheduc ideology partycue fearcul t fearsocben age/sub=country;
run;

```

```

Level 1 & Level 2 predictors with random intercepts on OEIV          7
Data Set                    WORK.MLEHW
Dependent Variable          oeiv100
Covariance Structure        Variance Components
Subject Effect              country
Estimation Method           REML
Residual Variance Method    Profile
Fixed Effects SE Method     Model-Based
Degrees of Freedom Method   Between-Within

```

```

Dimensions
Covariance Parameters      10
Columns in X               16
Columns in Z Per Subject   9
Subjects                   14
Max Obs Per Subject        8604
Observations Used          54944
Observations Not Used      0
Total Observations         54944

```

```

Iteration History
Iteration  Evaluations  -2 Res Log Like  Criterion
0          1          466386.21048423  .
1          4          464217.95202149  .
2          1          464101.81886723  0.00031972
3          1          464024.77993667  0.00020070
4          1          463976.69410422  0.00011868
5          1          463948.44219480  0.00006556
6          1          463932.94863418  0.00003355
7          1          463925.08187922  0.00001575
8          1          463921.42600702  0.00000638
9          1          463919.98318175  0.00000178
10         1          463919.60142131  0.00000022
11         1          463919.55841386  0.00000000

```

Convergence criteria met.

```

Covariance Parameter Estimates
Cov Parm      Subject      Estimate      Standard      Z      Pr > |Z|
              Error      Error      Value
Intercept     country      33.4777      16.4457      2.04      0.0209
loweduc       country      1.4025      0.8860      1.58      0.0567
highmi deduc  country      0.9350      0.6626      1.41      0.0791
higheduc      country      2.3786      1.1743      2.03      0.0214
ideology      country      0.2238      0.09817     2.28      0.0113
partycue      country      0.2709      0.1257     2.15      0.0156
fearcul t     country      2.2508      0.9135     2.46      0.0069
fearsocben    country      0.3744      0.1774     2.11      0.0174
age           country      0.002502     0.001098     2.28      0.0113
Residual      270.52      1.6340     165.55     <.0001

```

```

Fit Statistics
-2 Res Log Likelihood      463919.6
AIC (smaller is better)    463939.6
AICC (smaller is better)   463939.6
BIC (smaller is better)    463945.9

```

```

Solution for Fixed Effects
Effect      Estimate      Standard      DF      t Value      Pr > |t|
            Error
Intercept   71.2420      11.9148      10      5.98      0.0001
loweduc    -0.6813      0.3940      55E3     -1.73     0.0838
highmi deduc -0.2136     0.3665     55E3     -0.58     0.5600
higheduc   -0.3830      0.4675     55E3     -0.82     0.4126
ideology   -0.05343     0.1336     55E3     -0.40     0.6893
partycue    0.9500      0.1510     55E3     6.29     <.0001
fearcul t   1.7396      0.4100     55E3     4.24     <.0001
fearsocben  0.4061      0.1852     55E3     2.19     0.0283
loincome    0.2158      0.1985     55E3     1.09     0.2768

```

hi mi di ncome	0. 1020	0. 1973	55E3	0. 52	0. 6052
hi i ncome	-0. 08074	0. 2024	55E3	-0. 40	0. 6900
age	-0. 06286	0. 01423	55E3	-4. 42	<. 0001
vc4	3. 7696	4. 1463	10	0. 91	0. 3847
vc5	3. 4680	3. 6940	10	0. 94	0. 3699
ski ll endowment	-0. 3603	0. 1178	10	-3. 06	0. 0121
netranPCGDP	1. 5714	0. 8450	55E3	1. 86	0. 0629

```
proc mixed data=mlhw noclprint covtest method=reml;
title 'Level 1 & Level 2 predictors with random intercepts on GoodBad';
class country;
model EUgood100=loweduc hi ghmi deduc hi gheduc i deology partycue fearcul t fearsocben lo i ncome hi mi di ncome hi i ncome age
VC4 VC5 ski ll endowment netranPCGDP/ddfm=bw solution notest;
random intercept loweduc hi ghmi deduc hi gheduc i deology partycue fearcul t fearsocben age/sub=country;
run;
```

Level 1 & Level 2 predictors with random intercepts on GoodBad

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Model Information	
Data Set	WORK.MLEHW
Dependent Variable	eugood100
Covariance Structure	Variance Components
Subject Effect	country
Estimation Method	REML
Residual Variance Method	Profile
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within
Dimensions	
Covariance Parameters	10
Columns in X	16
Columns in Z Per Subject	9
Subjects	14
Max Obs Per Subject	8604
Observations Used	54944
Observations Not Used	0
Total Observations	54944

Iteration History			
Iteration	Evaluations	-2 Res Log Like	Criterion
0	1	564790.90595867	
1	3	562861.18005353	0.00032719
2	3	562835.78817583	.
3	1	562751.94637457	0.00018076
4	1	562696.73356612	0.00010894
5	1	562663.77462555	0.00005923
6	1	562646.05520629	0.00002804
7	1	562637.81986072	0.00001048
8	1	562634.84038656	0.00000252
9	1	562634.16152686	0.00000025
10	1	562634.09954188	0.00000000

Convergence criteria met.

Covariance Parameter Estimates					
Cov Parm	Subject	Estimate	Standard Error	Z Value	Pr > Z
Intercept	country	181.31	89.3688	2.03	0.0212
loweduc	country	5.5057	3.7788	1.46	0.0726
hi ghmi deduc	country	11.4873	7.0666	1.63	0.0520
hi gheduc	country	18.5217	8.5755	2.16	0.0154
i deology	country	2.1548	0.9054	2.38	0.0087
partycue	country	1.2882	0.6128	2.10	0.0178
fearcul t	country	3.7312	1.6765	2.23	0.0130
fearsocben	country	2.0112	1.0585	1.90	0.0287
age	country	0.001634	0.001202	1.36	0.0870
Residual		1632.83	9.8631	165.55	<.0001

Fit Statistics	
-2 Res Log Likelihood	562634.1
AIC (smaller is better)	562654.1
AICC (smaller is better)	562654.1
BIC (smaller is better)	562660.5

Solution for Fixed Effects					
Effect	Estimate	Standard Error	DF	t Value	Pr > t
Intercept	15.7634	27.8616	10	0.57	0.5840

loweduc	-3.6407	0.8468	55E3	-4.30	<.0001
highmi deduc	5.1434	1.1140	55E3	4.62	<.0001
higheduc	7.3722	1.2729	55E3	5.79	<.0001
ideology	0.5840	0.4065	55E3	1.44	0.1508
partycue	3.1533	0.3357	55E3	9.39	<.0001
fearcult	4.7786	0.5569	55E3	8.58	<.0001
fearsocben	3.5281	0.4347	55E3	8.12	<.0001
loincome	3.7116	0.4875	55E3	7.61	<.0001
himidincome	-0.8022	0.4847	55E3	-1.65	0.0980
hiincome	-2.6270	0.4968	55E3	-5.29	<.0001
age	0.02814	0.01589	55E3	1.77	0.0766
vc4	16.5991	9.6637	10	1.72	0.1166
vc5	8.4143	8.6140	10	0.98	0.3517
skilendowment	-0.2866	0.2760	10	-1.04	0.3235
netranPCGDP	1.5613	2.0352	55E3	0.77	0.4430

```
proc mixed data=mlhw noclprint covtest method=reml;
title 'Level 1 & Level 2 predictors with cross-level interactions on OEIV';
class country;
model OEIV100=loweduc highmi deduc higheduc ideology partycue fearcult fearsocben loincome himidincome hiincome age
VC4 VC5 skilendowment netranPCGDP
loweduc*skilendowment highmi deduc*skilendowment higheduc*skilendowment
loweduc*VC5 highmi deduc*VC5 higheduc*VC5 ideology*VC5
/dfm=bw solution notest;
random intercept loweduc highmi deduc higheduc ideology partycue fearcult fearsocben age
/sub=country;
run;
```

Level 1 & Level 2 predictors with cross-level interactions on OEIV 11

Model Information			
Data Set	WORK.MLEHW		
Dependent Variable	oeiv100		
Covariance Structure	Variance Components		
Subject Effect	country		
Estimation Method	REML		
Residual Variance Method	Profile		
Fixed Effects SE Method	Model-Based		
Degrees of Freedom Method	Between-Within		
Dimensions			
Covariance Parameters	10		
Columns in X	23		
Columns in Z Per Subject	9		
Subjects	14		
Max Obs Per Subject	8604		
Observations Used	54944		
Observations Not Used	0		
Total Observations	54944		
Iteration History			
Iteration	Evaluations	-2 Res Log Like	Criterion
0	1	466220.39442239	
1	2	464131.37588098	744510.65305
2	3	463970.00339891	.
8	1	463904.95508864	0.00000218
9	1	463904.49318223	0.00000023
10	1	463904.44875746	0.00000000

Convergence criteria met.

Covariance Parameter Estimates					
		Standard		Z	
Cov Parm	Subject	Estimate	Error	Value	Pr > Z
Intercept	country	32.7218	15.9538	2.05	0.0201
loweduc	country	0.8119	0.7187	1.13	0.1293
highmi deduc	country	0.8982	0.7321	1.23	0.1099
higheduc	country	0.8355	0.6204	1.35	0.0891
ideology	country	0.07620	0.04152	1.84	0.0333
partycue	country	0.2563	0.1198	2.14	0.0162
fearcult	country	2.2624	0.9285	2.44	0.0074
fearsocben	country	0.3754	0.1777	2.11	0.0173
age	country	0.002452	0.001078	2.28	0.0114
Residual		270.53	1.6342	165.55	<.0001

Fit Statistics	
-2 Res Log Likelihood	463904.4
AIC (smaller is better)	463924.4
AICC (smaller is better)	463924.5

BIC (smaller is better) 463930.8

Solution for Fixed Effects

Effect	Estimate	Standard Error	DF	t Value	Pr > t
Intercept	70.9918	11.7905	10	6.02	0.0001
loweduc	-2.0585	2.1867	55E3	-0.94	0.3465
hi ghmi deduc	-3.6413	2.5243	55E3	-1.44	0.1492
hi gheduc	-9.4486	2.2233	55E3	-4.25	<.0001
i deology	1.3193	0.3259	55E3	4.05	<.0001
partycue	0.9420	0.1475	55E3	6.39	<.0001
fearcul t	1.7362	0.4110	55E3	4.22	<.0001
fearsocben	0.4008	0.1854	55E3	2.16	0.0306
l oi ncome	0.2131	0.1985	55E3	1.07	0.2828
hi mi di ncome	0.1045	0.1973	55E3	0.53	0.5964
hi i ncome	-0.07688	0.2024	55E3	-0.38	0.7041
age	-0.06245	0.01410	55E3	-4.43	<.0001
vc4	3.7737	4.0959	10	0.92	0.3786
vc5	3.7584	3.6560	10	1.03	0.3282
ski l l endowment	-0.3647	0.1166	10	-3.13	0.0107
netranPCGDP	1.5939	0.8413	55E3	1.89	0.0582
loweduc*ski l l endowme	-0.01852	0.02007	55E3	-0.92	0.3561
hi ghmi ded*ski l l endow	0.03228	0.02439	55E3	1.32	0.1858
hi gheduc*ski l l endowm	0.07176	0.02149	55E3	3.34	0.0008
loweduc*vc5	1.2724	0.7483	55E3	1.70	0.0891
hi ghmi deduc*vc5	0.7729	0.7801	55E3	0.99	0.3218
hi gheduc*vc5	2.5578	0.6874	55E3	3.72	0.0002
i deology*vc5	-0.7370	0.1675	55E3	-4.40	<.0001

```
proc mixed data=mlhw noclprint covtest method=reml;
title 'Level 1 & Level 2 predictors with cross-level interactions on EUgood';
class country;
model EUgood100=loweduc hi ghmi deduc hi gheduc i deology partycue fearcul t fearsocben l oi ncome hi mi di ncome hi i ncome age
VC4 VC5 ski l l endowment netranPCGDP
loweduc*ski l l endowment hi ghmi deduc*ski l l endowment hi gheduc*ski l l endowment
loweduc*VC5 hi ghmi deduc*VC5 hi gheduc*VC5 i deology*VC5
/ddf=bw solution notest;
random intercept loweduc hi ghmi deduc hi gheduc i deology partycue fearcul t fearsocben age
/sub=country;
run;
```

Level 1 & Level 2 predictors with cross-level interactions on EUgood 1

Data Set	WORK.MLEHW
Dependent Variable	eugood100
Covariance Structure	Variance Components
Subject Effect	country
Estimation Method	REML
Residual Variance Method	Profile
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

Dimensions	
Covariance Parameters	10
Columns in X	23
Columns in Z Per Subject	9
Subjects	14
Max Obs Per Subject	8604
Observations Used	54944
Observations Not Used	0
Total Observations	54944

Iteration History			
Iteration	Evaluations	-2 Res Log Like	Criterion
0	1	564581.20652613	
1	3	562786.10889323	0.00024568
2	3	562747.68490729	.
10	2	562611.56835623	0.00000584
11	2	562609.91057949	0.00000159
12	1	562609.47290920	0.00000025
13	1	562609.41006351	0.00000001

Convergence criteria met.
Covariance Parameter Estimates

Cov Parm	Subject	Estimate	Standard Error	Z Value	Pr > Z
Intercept	country	175.75	86.8073	2.02	0.0215

loweduc	country	7.5420	4.8973	1.54	0.0618
highmi deduc	country	7.0530	5.4407	1.30	0.0974
higheduc	country	5.8245	3.8790	1.50	0.0666
ideology	country	1.4639	0.6521	2.25	0.0124
partycue	country	1.2794	0.6087	2.10	0.0178
fearcult	country	3.7173	1.6841	2.21	0.0136
fearsocben	country	2.0068	1.0569	1.90	0.0288
age	country	0.001732	0.001252	1.38	0.0833
Residual		1632.76	9.8623	165.56	<.0001

Fit Statistics

-2 Res Log Likelihood	562609.4
AIC (smaller is better)	562629.4
AICC (smaller is better)	562629.4
BIC (smaller is better)	562635.8

Solution for Fixed Effects

Effect	Estimate	Standard Error	DF	t Value	Pr > t
Intercept	16.5015	27.4923	10	0.60	0.5617
loweduc	-5.7514	6.0586	55E3	-0.95	0.3425
highmi deduc	-12.8097	6.6372	55E3	-1.93	0.0536
higheduc	-18.5796	5.7034	55E3	-3.26	0.0011
ideology	3.7913	1.2826	55E3	2.96	0.0031
partycue	3.1433	0.3348	55E3	9.39	<.0001
fearcult	4.7750	0.5560	55E3	8.59	<.0001
fearsocben	3.5252	0.4343	55E3	8.12	<.0001
loincome	3.7121	0.4874	55E3	7.62	<.0001
highmidincome	-0.7941	0.4847	55E3	-1.64	0.1014
highincome	-2.6289	0.4968	55E3	-5.29	<.0001
age	0.02860	0.01612	55E3	1.77	0.0761
vc4	16.2216	9.5234	10	1.70	0.1193
vc5	8.8020	8.4965	10	1.04	0.3246
skill endowment	-0.3052	0.2724	10	-1.12	0.2888
netranPCGDP	1.5663	2.0235	55E3	0.77	0.4389
loweduc*skill endowme	0.04615	0.05619	55E3	0.82	0.4114
highmi ded*skill endow	0.1440	0.06408	55E3	2.25	0.0246
higheduc*skill endowm	0.2407	0.05510	55E3	4.37	<.0001
loweduc*vc5	-0.3355	2.0378	55E3	-0.16	0.8692
highmi deduc*vc5	4.9316	2.0576	55E3	2.40	0.0165
higheduc*vc5	6.1711	1.7665	55E3	3.49	0.0005
ideology*vc5	-1.7224	0.6632	55E3	-2.60	0.0094