Sub-National Variation in Attitudes Towards Gender Equality in Egypt, Iran and Turkey: A Multi-Level Study

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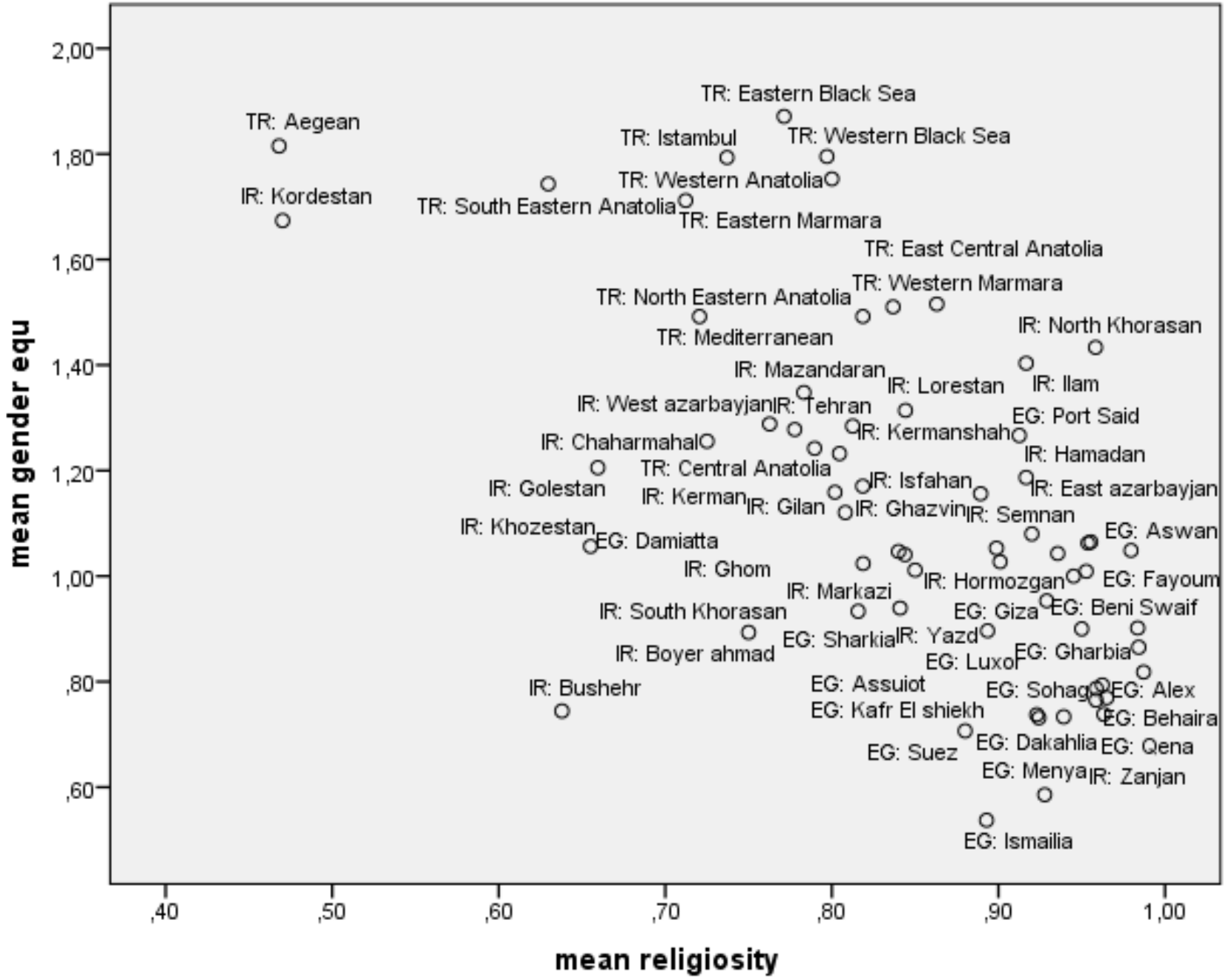
Outline:

- "It's Not Demos, It's Eros": Revisiting the Islamic civilization → democratic lag thesis.
  - The limitations of regional and country reductionism.
    - We can neither rule out nor confirm an exceptional "Islamic lag".
      - Replicating general trends?
      - Understanding "local" pathways of transformation.
      - Understanding (gendered) sources of gender egalitarian values.


mean gender equ
2,00
1,80
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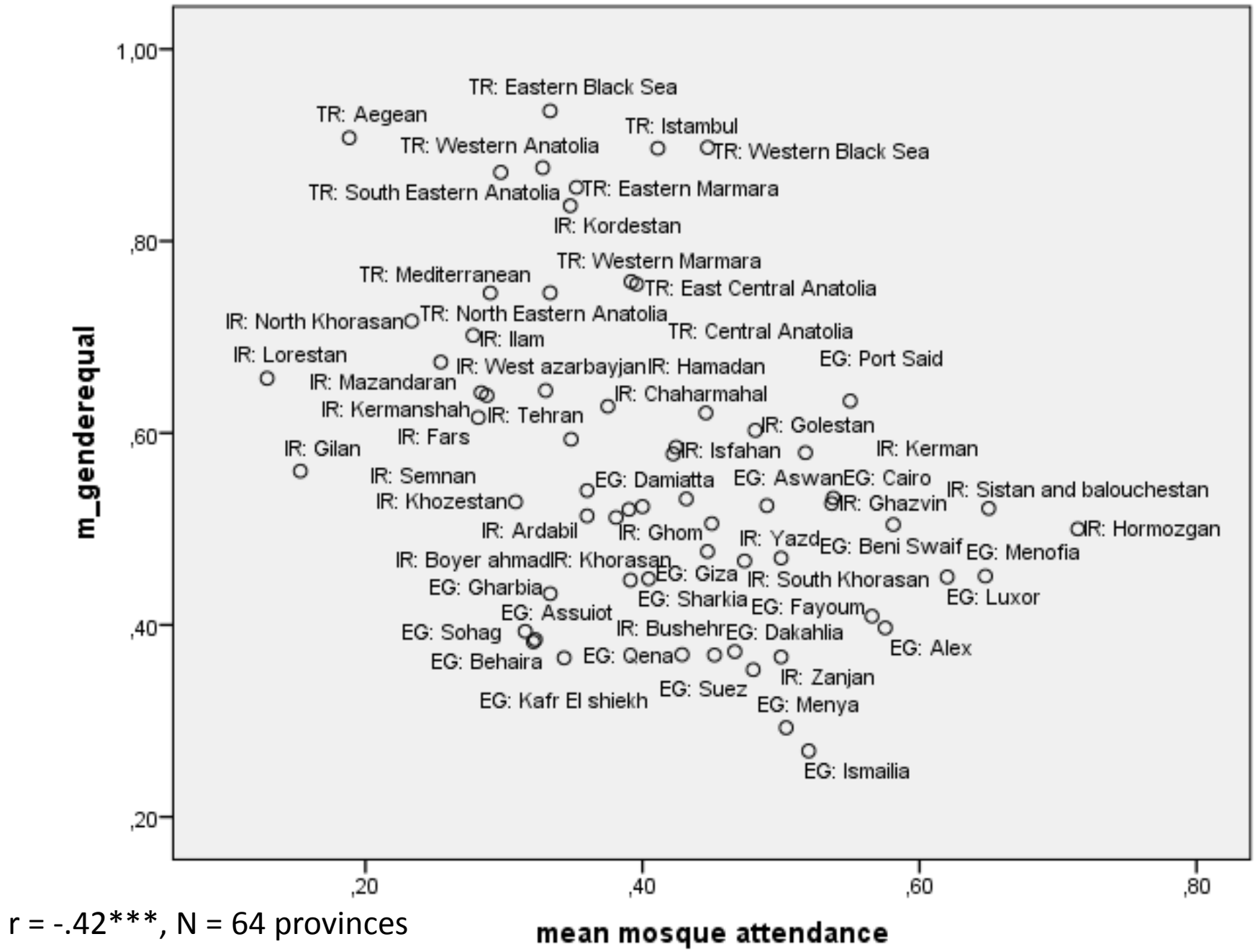
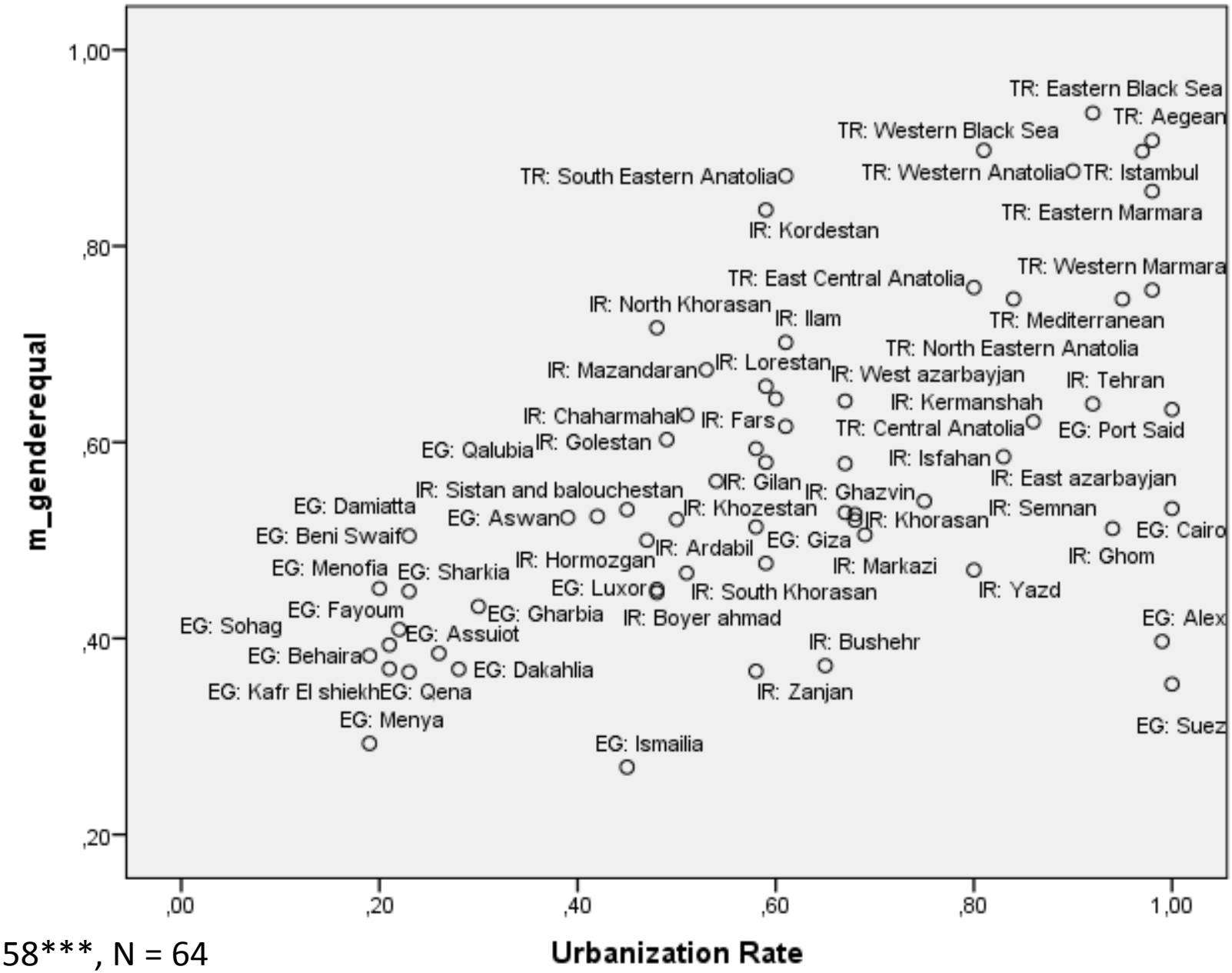
mean religiosity
TR: Eastern Black Sea
TR: Aegean
TR: Istambul
TR: Western Black Sea
TR: Western Anatolia
IR: Kordestan
TR: South Eastern Anatolia
TR: Eastern Marmara
TR: East Central Anatolia
TR: Western Marmara
TR: North Eastern Anatolia
TR: Mediterranean
IR: North Khorasan
IR: Mazandaran
IR: Lorestan
IR: Ilam
IR: West azarbayjan
IR: Tehran
EG: Port Said
IR: Kermanshah
IR: Chaharmahal
IR: Hamadan
TR: Central Anatolia
IR: Golestan
IR: Isfahan
IR: East azarbayjan
IR: Kerman
IR: Gilan
IR: Ghazvin
IR: Semnan
IR: Khozestan
EG: Damiatta
EG: Aswan
IR: Ghom
IR: Hormozgan
EG: Fayoum
IR: Markazi
IR: South Khorasan
EG: Giza
EG: Beni Swaif
EG: Sharkia
IR: Yazd
IR: Boyer ahmad
EG: Gharbia
EG: Luxor
IR: Bushehr
EG: Assuiot
EG: Sohag
EG: Alex
EG: Kafr El shiekh
EG: Behaira
EG: Dakahlia
EG: Qena
EG: Suez
EG: Menya
IR: Zanjan
EG: Ismailia



r = -.42***, N = 64 provinces


m_genderequal
Urbanization Rate
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1,00
TR: Eastern Black Sea
TR: Aegean
TR: Western Black Sea
TR: South Eastern Anatolia
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TR: Mediterranean
TR: North Eastern Anatolia
IR: Mazandaran
IR: Lorestan
IR: West azarbayjan
IR: Tehran
IR: Kermanshah
IR: Chaharmahal
IR: Fars
TR: Central Anatolia
EG: Port Said
EG: Qalubia
IR: Golestan
IR: Isfahan
IR: East azarbayjan
IR: Sistan and balouchestan
IR: Gilan
IR: Ghazvin
EG: Damiatta
IR: Khozestan
IR: Semnan
EG: Aswan
IR: Khorasan
EG: Cairo
EG: Beni Swaif
EG: Giza
IR: Ardabil
IR: Ghom
IR: Hormozgan
EG: Menofia
EG: Sharkia
IR: Markazi
EG: Luxor
IR: South Khorasan
IR: Yazd
EG: Fayoum
EG: Gharbia
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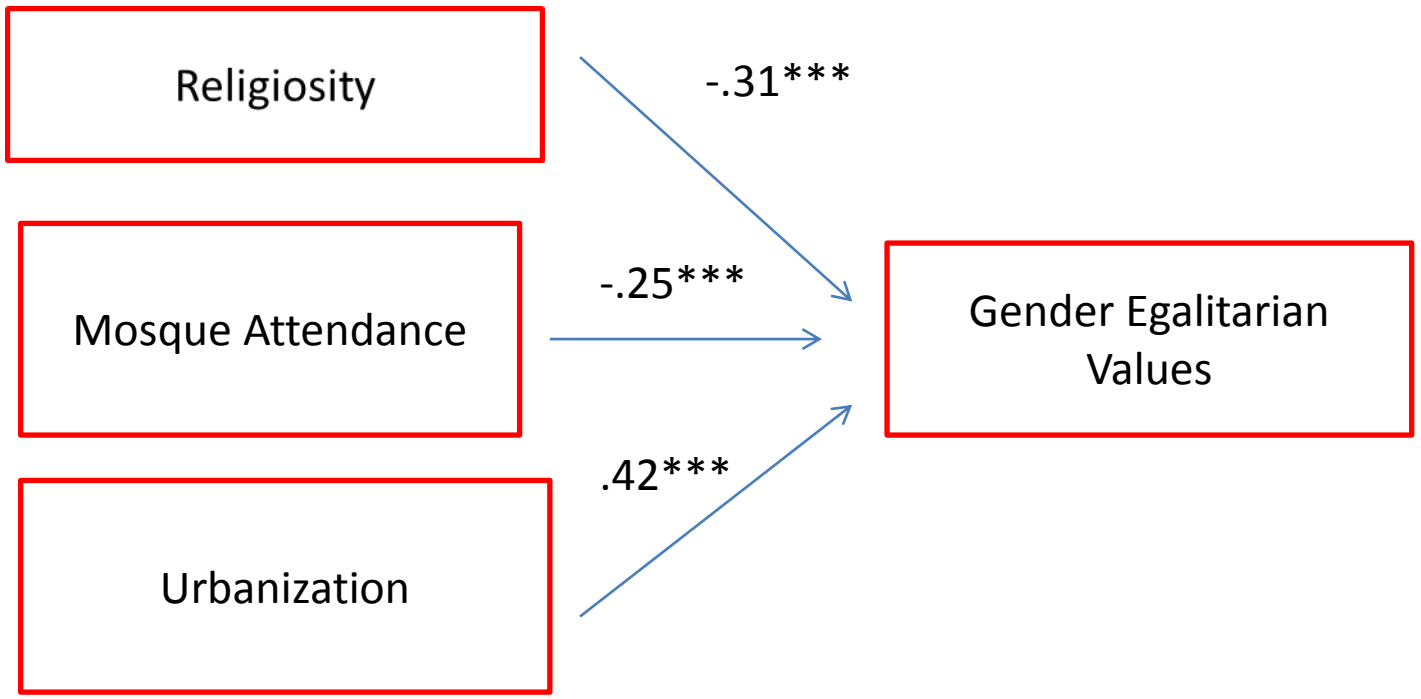
EG: Assuiot
IR: Bushehr
EG: Behaira
EG: Dakahlia
EG: Kafr El shiekh
EG: Qena
IR: Zanjan
EG: Menya
EG: Suez
EG: Ismailia

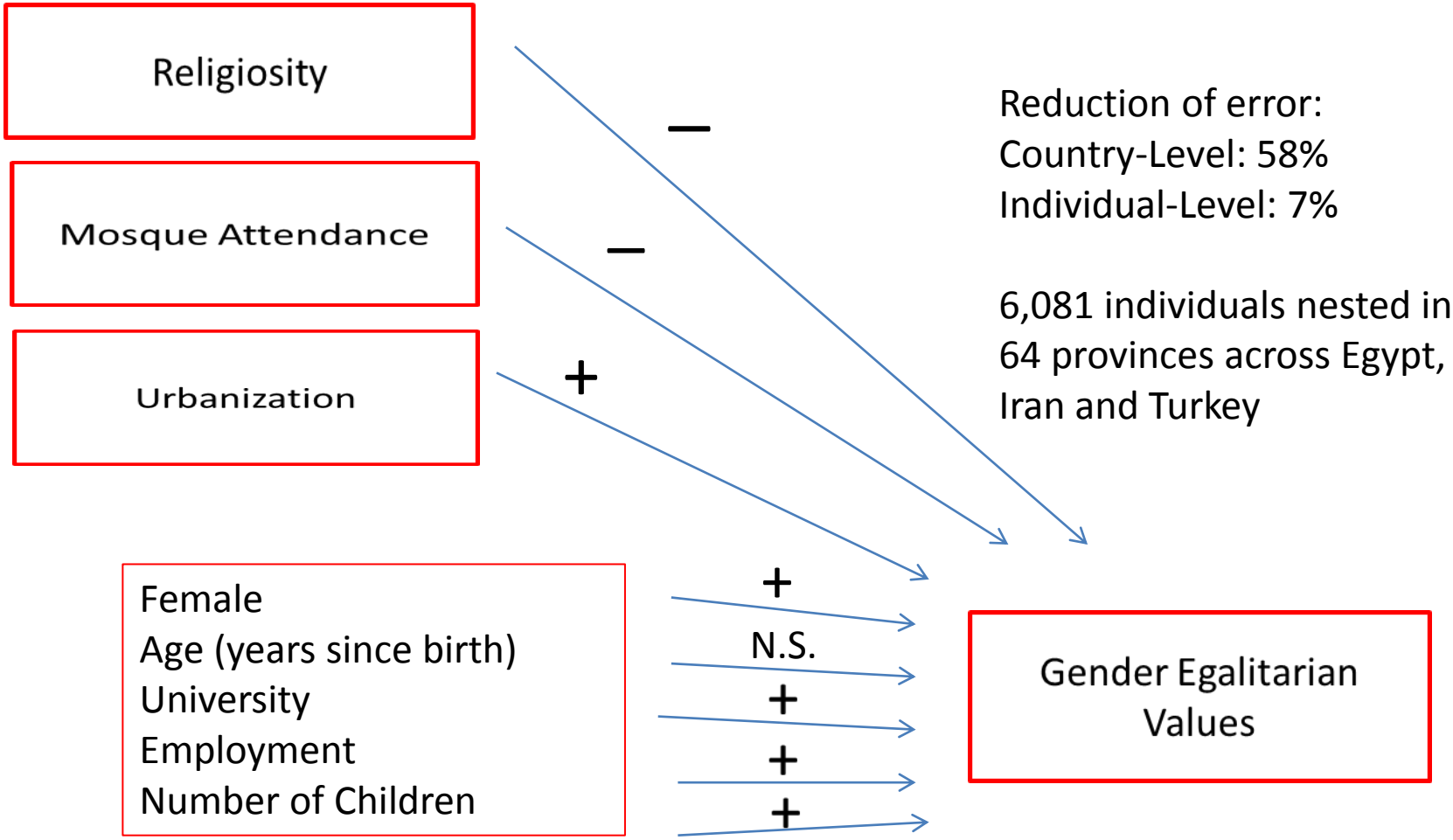
r = .58***, N = 64

Province-Level (OLS, N=61)

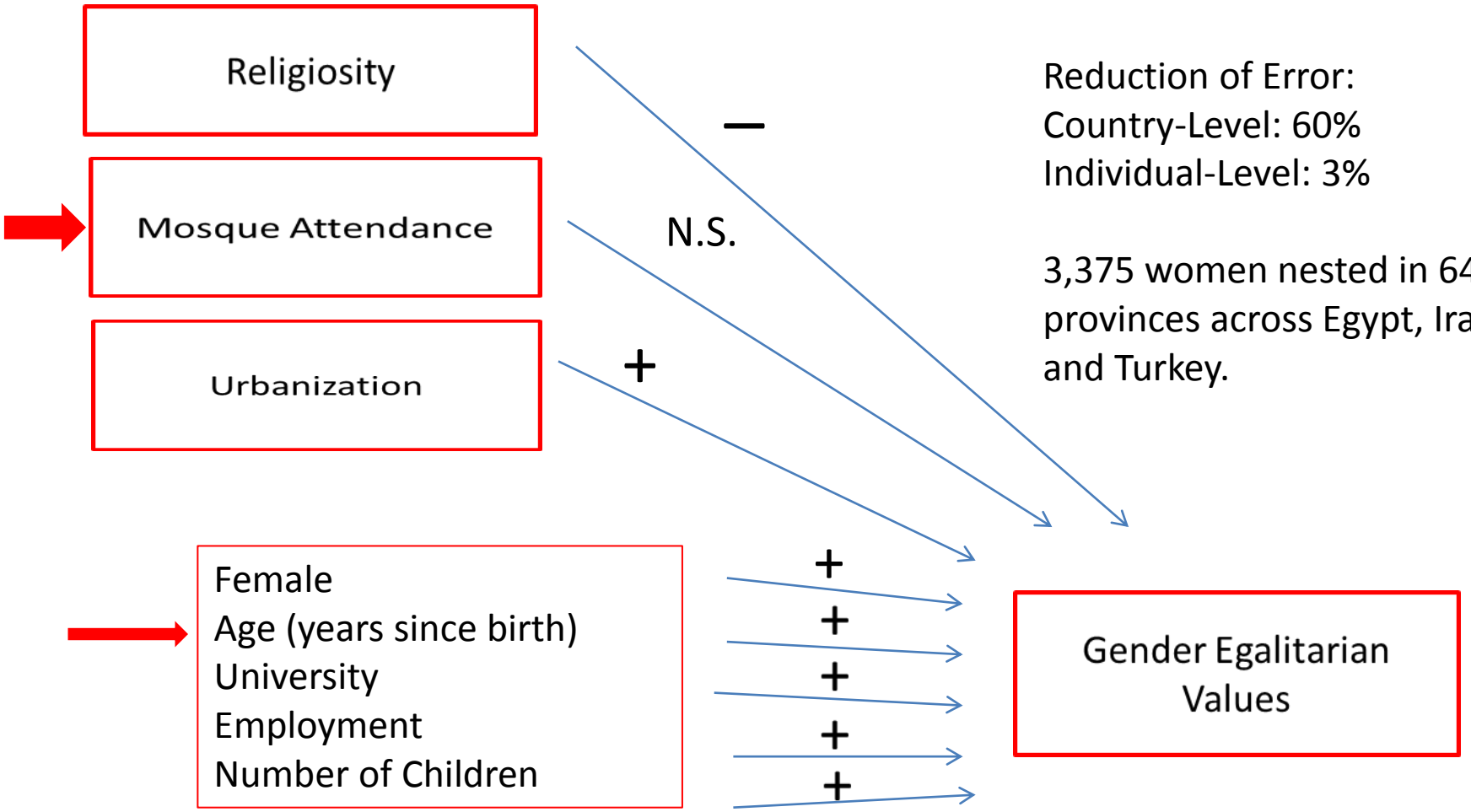


R squared = .51***

Province Level and Individual Level: Combined Male and Female Sample (HLM)



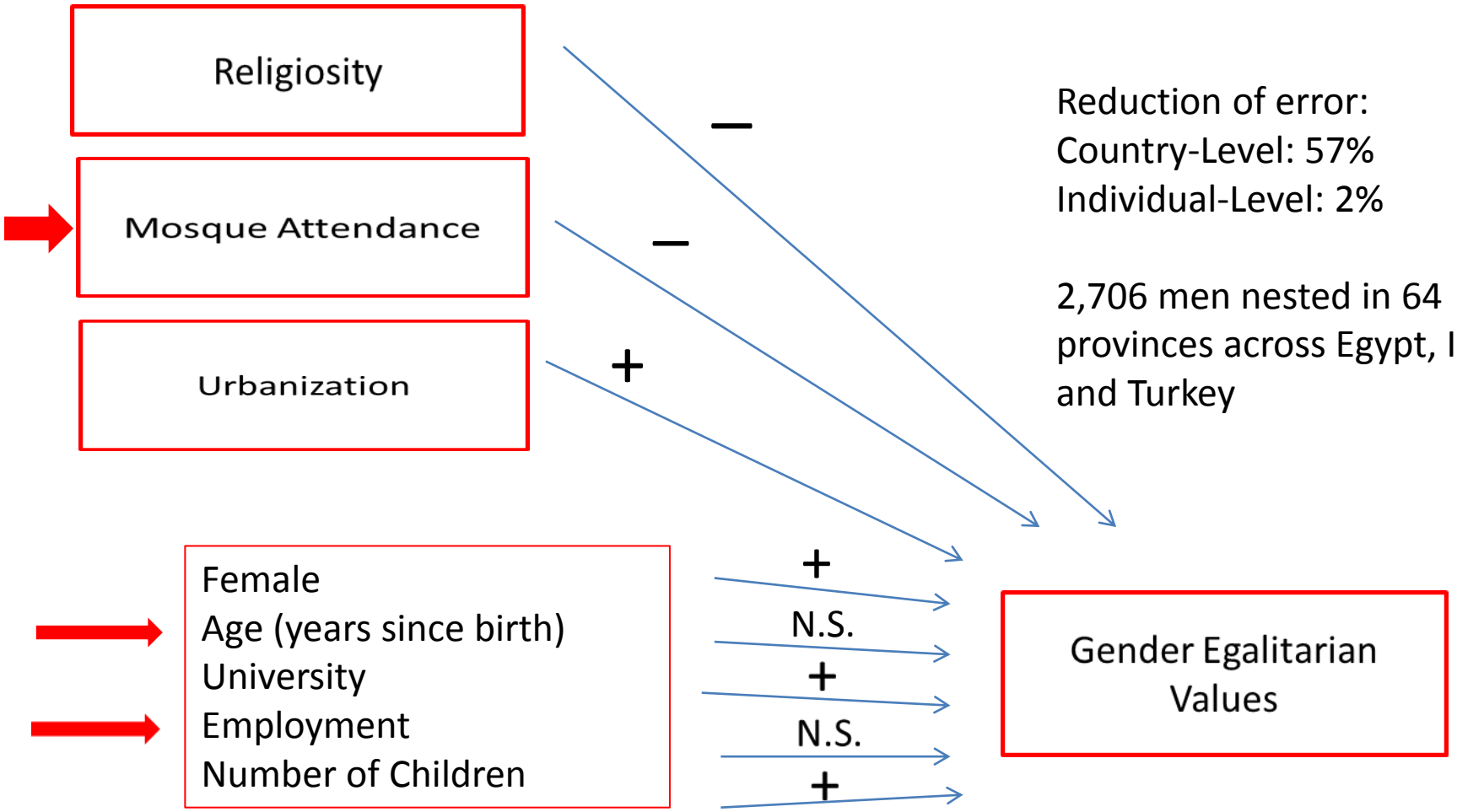
Province Level and Individual Level: Female Sample (HLM)



Reduction of Error:
Country-Level: 60%
Individual-Level: 3%

3,375 women nested in 64 provinces across Egypt, Iran and Turkey.

Province Level and Individual Level: Male Sample (HLM)



Reduction of error:
Country-Level: 57%
Individual-Level: 2%

2,706 men nested in 64 provinces across Egypt, Iran and Turkey

- Future Steps
  - 1) More province-level data.
  - 2) Mechanisms for macro-level predictors
    - Especially urbanization.
  - 3) Inclusion of variables measuring elite challenging behavior.
  - 4) Inclusion of variables measuring women's connectivity to global justice scripts.

Fixed Effect	Coefficient	Standard error	*t*-ratio	Approx. *d.f.*	*p*-value
For INTRCPT1, β_0					
INTRCPT2, γ_{00}	1.938395	0.286348	6.769	60	<0.001
MREL, γ_{01}	-0.996047	0.313040	-3.182	60	0.002
MV186R, γ_{02}	-0.676862	0.249034	-2.718	60	0.009
URBAN, γ_{03}	0.532301	0.132700	4.011	60	<0.001
For AGE slope, β_1					
INTRCPT2, γ_{10}	-0.000838	0.000781	-1.073	6012	0.283
For FEMALE slope, β_2					
INTRCPT2, γ_{20}	0.343776	0.022820	15.065	6012	<0.001
For UNI slope, β_3					
INTRCPT2, γ_{30}	0.187215	0.020557	9.107	6012	<0.001
For EMPLOY slope, β_4					
INTRCPT2, γ_{40}	0.081588	0.023442	3.480	6012	<0.001
For V56 slope, β_5					
INTRCPT2, γ_{50}	-0.023043	0.006050	-3.809	6012	<0.001

Fixed Effect	Coefficient	Standard error	*t*-ratio	Approx. *d.f.*	*p*-value
For INTRCPT1, β_0					
INTRCPT2, γ_{00}	2.344492	0.406678	5.765	60	<0.001
MREL, γ_{01}	-1.454760	0.453747	-3.206	60	0.002
MV186R, γ_{02}	-0.404517	0.297517	-1.360	60	0.179
URBAN, γ_{03}	0.530319	0.152318	3.482	60	<0.001
For AGE slope, β_1					
INTRCPT2, γ_{10}	-0.002880	0.000825	-3.490	3307	<0.001
For UNI slope, β_2					
INTRCPT2, γ_{20}	0.163444	0.032699	4.998	3307	<0.001
For EMPLOY slope, β_3					
INTRCPT2, γ_{30}	0.135971	0.031486	4.318	3307	<0.001
For V56 slope, β_4					
INTRCPT2, γ_{40}	-0.023448	0.007873	-2.978	3307	0.003

Fixed Effect	Coefficient	Standard error	*t*-ratio	Approx. *d.f.*	*p*-value
For INTRCPT1, β_0					
INTRCPT2, γ_{00}	2.006402	0.274144	7.319	60	<0.001
MREL, γ_{01}	-0.769101	0.352169	-2.184	60	0.033
MV186R, γ_{02}	-0.873483	0.274529	-3.182	60	0.002
URBAN, γ_{03}	0.557426	0.144910	3.847	60	<0.001
For AGE slope, β_1					
INTRCPT2, γ_{10}	0.001693	0.001198	1.413	2638	0.158
For UNI slope, β_2					
INTRCPT2, γ_{20}	0.199748	0.032199	6.204	2638	<0.001
For EMPLOY slope, β_3					
INTRCPT2, γ_{30}	-0.003965	0.033573	-0.118	2638	0.906
For V56 slope, β_4					
INTRCPT2, γ_{40}	-0.021523	0.008722	-2.468	2638	0.014