

Supplemental Material

Supplemental Table A1: Factor loadings of gender role attitudes

Variables	Factor1	Communality
Pre-school child suffers when mother works.	0.87	0.76
Family suffers if mother works full time.	0.89	0.81
Husband should earn; wife should stay at home.	0.76	0.69
Eigenvalue	2.12	
Variance (%)	71.72	
Cronbach's Alpha	0.80	

Note: Principal component analysis. KMO = 0.71. Bartlett's test of sphericity = 45,220 (3), $p < 0.001$.

Operationalization of Minority Diversity

Minority diversity in LSOAs is measured using the Herfindahl-Hirschman Index (HHI). HHI is defined as the sum of the square of the ethnic group shares in the total population, and ranges from 0 to 1 with a higher score indicating less minority diversity.

The formula of HHI is:

$$HHI = \sum_{i=1}^n s_i^2$$

where s_i is the share of ethnic group i in the population and n is the number of ethnic minority groups. Greater minority diversity within LSOAs might create more opportunities for varied cross-group mixing, thus disrupting peer group effects and ethnic social networks. Eight ethnic groups are used to calculate the HHI: White Other, Mixed, Pakistani/Bangladeshi, Indian, Black Caribbean, Black African, Asian Other and Other Ethnic Group. White British are excluded from the calculation as they usually constitute the majority share of the population and dominate many LSOAs. The HHI index therefore captures the diversity of minorities within an LSOA.

Supplemental Table A2: Generational differences in gender role attitudes of ethnic minorities

Predictors	Pakistani	Bangladeshi	Indian	Black Caribbean	Black African
Generation (ref = 1 st gen.)					
2 nd generation	-0.92*** (0.22)	-1.60*** (0.39)	-1.01*** (0.21)	0.14 (0.31)	-0.76* (0.31)
Gender (ref = Male)	-0.55** (0.19)	-1.24*** (0.35)	-0.41* (0.16)	0.01 (0.24)	-0.54* (0.21)
Age/10	0.11 (0.10)	-0.21 (0.14)	0.15 (0.09)	0.35** (0.11)	0.21 (0.11)
(Age/10) ²	0.00 (0.05)	0.02 (0.08)	0.01 (0.04)	0.02 (0.04)	-0.04 (0.05)
Partnership (ref = No)	-0.02 (0.33)	0.38 (0.40)	0.13 (0.25)	0.25 (0.26)	-0.17 (0.24)
Children (ref = No)	0.39 (0.25)	0.08 (0.32)	0.29 (0.22)	0.02 (0.29)	0.41 (0.23)
Education (ref = Degree/other higher)					
A-level/CGSE/other qual.	0.28 (0.22)	0.15 (0.42)	0.16 (0.18)	0.29 (0.25)	0.29 (0.22)
No qualification	0.35 (0.33)	0.21 (0.50)	0.23 (0.25)	0.79* (0.34)	0.31 (0.33)
Employment status (ref = Inactive)					
Full-time students	-1.08** (0.40)	-0.70 (0.58)	-0.65 (0.42)	-0.15 (0.51)	-0.57 (0.45)
Unemployed	-0.35 (0.38)	-0.10 (0.51)	-0.39 (0.38)	0.05 (0.35)	-0.77* (0.36)
Employed	-0.74** (0.25)	-0.66 (0.50)	-0.73*** (0.20)	-0.57 (0.33)	-1.28*** (0.33)
Log(household income)	-0.22 (0.18)	-0.29 (0.23)	-0.34** (0.13)	0.04 (0.16)	-0.31* (0.15)
Prefer to move (ref = No)	0.03 (0.24)	-0.19 (0.29)	0.20 (0.19)	0.11 (0.24)	0.25 (0.20)
Log (duration of stay)	-0.10 (0.12)	0.19 (0.18)	-0.02 (0.09)	-0.27* (0.13)	-0.11 (0.13)
Constant	9.21*** (1.39)	8.90*** (1.94)	9.12*** (1.07)	4.47*** (1.22)	8.99*** (1.14)
Observations	849	518	1,090	612	737
R-squared	0.14	0.16	0.14	0.10	0.13

Note: Standard errors in parentheses, *** p<0.001, ** p<0.01, * p<0.05.

Supplemental Table A3: Weighted linear regression models of gender role attitudes by gender

Predictors	Men				Women			
	Model 1		Model 2		Model 3		Model 4	
	Coeff.	S.E.	Coeff.	S.E.	Coeff.	S.E.	Coeff.	S.E.
Ethnicity (ref = Pakistani)								
Bangladeshi	0.20	(0.53)	0.37	(0.45)	-1.44**	(0.48)	-0.21	(0.41)
Indian	-0.62*	(0.30)	-0.64*	(0.30)	-0.45	(0.34)	-0.83*	(0.36)
Black Caribbean	-1.64***	(0.43)	-2.50***	(0.48)	-1.66***	(0.36)	-1.98***	(0.44)
Black African	-0.55	(0.35)	-1.05*	(0.45)	-0.89*	(0.35)	-0.85*	(0.40)
Age/10	0.41***	(0.07)	0.41***	(0.06)	0.26***	(0.06)	0.26***	(0.06)
(Age/10)^2	0.05	(0.03)	0.05	(0.03)	-0.02	(0.03)	-0.02	(0.03)
Partnership (ref = No)	0.05	(0.20)	0.11	(0.20)	0.32*	(0.16)	0.32*	(0.16)
Dependent children (ref = No)	0.26	(0.17)	0.25	(0.17)	0.28	(0.14)	0.30*	(0.14)
Generation (ref = 1 st generation)	-0.73***	(0.10)	-0.73***	(0.10)	-0.82***	(0.11)	-0.82***	(0.11)
Education (ref = Degree/other higher)								
A-level/CGSE/other qual.	0.17	(0.16)	0.20	(0.16)	0.14	(0.14)	0.13	(0.14)
No qualification	0.31	(0.22)	0.35	(0.22)	0.44*	(0.19)	0.42*	(0.19)
Employment status (ref = Inactive)								
Full-time students	0.15	(0.34)	0.16	(0.34)	-0.85**	(0.27)	-0.81**	(0.27)
Unemployed	0.08	(0.30)	0.03	(0.30)	-0.27	(0.24)	-0.28	(0.24)
Employed	0.05	(0.24)	0.02	(0.24)	-1.08***	(0.15)	-1.06***	(0.15)
Log (household income)	-0.39***	(0.12)	-0.41***	(0.12)	-0.11	(0.11)	-0.12	(0.11)
Prefer to move (ref = No)	0.01	(0.15)	0.04	(0.15)	0.04	(0.13)	0.08	(0.13)
Log (duration of stay)	-0.18*	(0.07)	-0.19**	(0.07)	-0.25***	(0.07)	-0.25***	(0.07)
Deprivation level	-0.04	(0.03)	-0.00	(0.03)	-0.05*	(0.02)	-0.05*	(0.02)
Minority diversity	-0.84	(0.73)	0.14	(0.46)	-0.84	(0.61)	-0.43	(0.43)
Ethnicity * Ethnic composition (EC)		SCE		SWB		SCE		SWB
Pakistani * EC	1.47*	(0.72)	-1.23*	(0.56)	1.54*	(0.70)	-1.31*	(0.57)
Bangladeshi * EC	1.01	(1.20)	-1.64*	(0.78)	3.02**	(0.94)	-2.47**	(0.86)
Indian * EC	1.55	(1.35)	-1.08**	(0.42)	0.88	(0.60)	-0.65	(0.41)
Black Caribbean * EC	-2.75	(3.75)	-0.26	(0.98)	3.26	(2.71)	-0.15	(0.64)
Black African * EC	-1.27	(2.03)	-0.93	(0.69)	1.45	(1.55)	-1.16*	(0.51)
Constant	9.65***	(0.93)	10.24***	(0.95)	7.94***	(0.81)	8.48***	(0.87)
Observations	1,763		1,763		2,043		2,043	
R-squared	0.15		0.15		0.18		0.18	

Note: Standard errors in parentheses, *** p<0.001, ** p<0.01, * p<0.05. SCE = share of co-ethnics, SWB = share of White British

Supplemental Table A4: The impact of minority diversity on ethnic minority gender role attitudes

Predictors	Model 1		Model 2	
	Coeff.	S.E.	Coeff.	S.E.
Ethnicity (ref = Pakistani)				
Bangladeshi	-0.67	(0.45)	-0.75	(0.44)
Indian	-0.75*	(0.31)	-0.74*	(0.31)
Black Caribbean	-2.02***	(0.38)	-1.90***	(0.38)
Black African	-1.75***	(0.35)	-1.56***	(0.34)
Gender (ref = Male)	-0.44***	(0.10)	-0.44***	(0.10)
Age/10	0.18***	(0.05)	0.18***	(0.05)
(Age/10)^2	-0.01	(0.02)	-0.01	(0.02)
Partnership (ref = No)	0.10	(0.12)	0.12	(0.12)
Dependent children (ref = No)	0.32**	(0.11)	0.32**	(0.12)
Generation (ref = 1st generation)	-0.77***	(0.12)	-0.75***	(0.12)
Education (ref = Degree/other higher)				
A-level/CGSE/other qual.	0.19	(0.10)	0.20	(0.10)
No qualification	0.28*	(0.14)	0.30*	(0.14)
Employment status (ref = Inactive)				
Full-time students	-0.57**	(0.21)	-0.55**	(0.21)
Unemployed	-0.36*	(0.18)	-0.35*	(0.18)
Employed	-0.75***	(0.12)	-0.73***	(0.12)
Log (household income)	-0.23**	(0.08)	-0.23**	(0.08)
Prefer to move (ref = No)	0.07	(0.10)	0.07	(0.10)
Log (duration of stay)	-0.11	(0.06)	-0.12*	(0.06)
Deprivation level	-0.05*	(0.02)	-0.05*	(0.02)
Share of co-ethnics (SCE)	1.31**	(0.48)		
Share of White British (SWB)			-0.76***	(0.23)
Ethnicity * Minority diversity (MD)				
Pakistani * MD	-0.88	(0.65)	-0.38	(0.49)
Bangladeshi * MD	-0.44	(0.95)	0.73	(0.79)
Indian * MD	-1.13	(0.79)	-0.15	(0.58)
Black Caribbean * MD	0.12	(1.15)	-0.16	(1.17)
Black African * MD	1.12	(0.95)	0.86	(0.90)
Constant	9.34***	(0.61)	9.68***	(0.61)
Observations	3,806		3,806	
R-squared	0.17		0.18	

Note: Standard errors in parentheses, *** p<0.001, ** p<0.01, * p<0.05.

Supplemental Table A5: Weighted linear regression models of gender role attitudes of first and second generation Pakistanis and Bangladeshis by gender

Predictors	Men		Women		Men		Women	
	Paki.	Bangla.	Paki.	Bangla.	Paki.	Bangla.	Paki.	Bangla.
Generation (ref = 1 st gen.)	-0.17 (0.51)	-0.84 (0.72)	-0.68 (0.50)	1.10 (0.84)	-0.51 (0.58)	-2.54** (0.87)	-2.27*** (0.47)	-2.12** (0.81)
Ethnic composition (EC)	Share of co-ethnics				Share of White British			
	2.05 (1.09)	-1.49 (1.55)	2.11 (1.21)	-1.85 (1.62)	-1.39 (0.78)	1.21 (1.14)	-0.23 (0.71)	-0.05 (1.37)
Generation * EC	0.82 (1.05)	1.54 (1.52)	1.40* (0.69)	4.82** (1.63)	-0.65 (1.03)	-3.00 (1.61)	-2.00 (1.57)	-2.58** (0.96)
Gender (ref = Male)	0.23 (0.15)	-0.28 (0.25)	0.03 (0.16)	0.03 (0.18)	0.22 (0.15)	-0.20 (0.22)	0.06 (0.15)	0.04 (0.19)
Age/10	0.10 (0.07)	0.08 (0.11)	-0.06 (0.07)	-0.02 (0.14)	0.11 (0.07)	0.08 (0.11)	-0.06 (0.07)	0.02 (0.15)
(Age/10) ²	0.07 (0.50)	1.15* (0.52)	-0.19 (0.40)	0.05 (0.72)	0.14 (0.51)	1.25* (0.54)	-0.14 (0.39)	0.17 (0.77)
Partnership (ref = No)	0.46 (0.33)	-0.31 (0.44)	0.52 (0.30)	0.33 (0.39)	0.44 (0.34)	-0.36 (0.42)	0.61 (0.31)	0.26 (0.40)
Children (ref = No)	0.25 (0.30)	0.43 (0.56)	0.19 (0.30)	0.15 (0.41)	0.27 (0.30)	0.32 (0.54)	0.18 (0.30)	0.04 (0.42)
Education (ref = Degree/other higher) A-level/CGSE/other qual.	0.23 (0.53)	1.00 (0.64)	0.42 (0.35)	-0.19 (0.52)	0.22 (0.52)	1.06 (0.64)	0.57 (0.35)	-0.22 (0.53)
No qualification	-0.79 (0.63)	-0.08 (1.07)	-0.98 (0.56)	-1.36* (0.64)	-0.83 (0.65)	-0.06 (1.10)	-0.85 (0.57)	-1.29 (0.69)
Employment status (ref = Inactive)	-0.09 (0.68)	0.11 (0.94)	-0.24 (0.49)	-0.55 (0.74)	-0.12 (0.69)	-0.09 (1.02)	-0.28 (0.51)	-0.45 (0.79)
Full-time students	0.02 (0.50)	-0.46 (1.07)	-1.02*** (0.34)	-0.96* (0.44)	0.01 (0.51)	-0.68 (1.14)	-0.93*** (0.34)	-1.04* (0.43)
Unemployed	-0.46* (0.20)	0.11 (0.24)	-0.09 (0.22)	-0.62* (0.27)	-0.48* (0.20)	0.04 (0.25)	-0.09 (0.22)	-0.62* (0.28)
Employed	-0.05 (0.29)	-0.66 (0.34)	0.10 (0.29)	0.47 (0.31)	-0.05 (0.29)	-0.62 (0.35)	0.13 (0.29)	0.34 (0.31)
Log (household income)	-0.12 (0.14)	-0.16 (0.24)	-0.21 (0.17)	0.37* (0.15)	-0.10 (0.14)	-0.22 (0.23)	-0.24 (0.16)	0.43*** (0.15)
Prefer to move (ref = No)	0.02 (0.07)	-0.04 (0.09)	0.09 (0.07)	-0.09 (0.09)	0.03 (0.07)	-0.01 (0.11)	0.11 (0.07)	-0.03 (0.12)
Log (duration of stay)	-2.02 (1.10)	0.71 (1.73)	-2.86* (1.22)	0.48 (1.62)	-0.23 (0.72)	-0.16 (0.90)	-0.79 (0.78)	1.03 (0.94)
Deprivation level	11.74*** (1.67)	4.64 (2.68)	10.07*** (1.99)	9.52*** (2.36)	9.54*** (1.62)	6.93** (2.61)	8.03*** (1.75)	9.95*** (2.43)
Constant	373	259	476	259	373	259	476	259
Observations	0.16	0.18	0.22	0.34	0.16	0.20	0.23	0.31
R-squared								

Note: Standard errors in parentheses, *** p<0.001, ** p<0.01, * p<0.05.