

# **A good match? Education, labour market position and British South Asian**

## **transnational marriage.**

Evelyn Ersanilli & Katharine Charsley

### **Appendix**

Table A1. Descriptive statistics by couple type, gender and group.

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Table A1. Descriptive statistics by couple type, gender and group.

	Intranational					Transnational				
	Mean	SD	Min	Max	N	Mean	SD	Min	Max	N
<b>Pakistani-Muslims</b>										
<b>Men</b>										
Less than secondary	0.176	0.38	0	1	471	0.235	0.42	0	1	605
Secondary education	0.416	0.49	0	1	471	0.489	0.50	0	1	605
Postsecondary education	0.408	0.49	0	1	471	0.276	0.45	0	1	605
Age left education	18.794	3.31	12	35	462	18.154	3.04	9	29	590
Employed	0.864	0.34	0	1	471	0.826	0.38	0	1	605
Age	34.444	6.65	18	49	471	36.071	7.02	20	49	605
Year of birth	1975	7.14	1955	1996	471	1973	7.57	1955	1990	605
Foreign born	0.357	0.48	0	1	471	0.451	0.50	0	1	605
Partner higher educated	0.149	0.36	0	1	471	0.104	0.31	0	1	605
Same education	0.544	0.50	0	1	471	0.481	0.50	0	1	605
Partner lower educated	0.308	0.46	0	1	471	0.415	0.49	0	1	605
Dependent children aged 12-	0.758	0.43	0	1	471	0.779	0.42	0	1	605
Survey year	2009	3.00	2004	2014	471	2009	3.02	2004	2014	605
Partner: less than secondary	0.270	0.44	0	1	471	0.526	0.50	0	1	605
Partner: secondary education	0.423	0.49	0	1	471	0.298	0.46	0	1	605
Partner: postsec education	0.308	0.46	0	1	471	0.177	0.38	0	1	605
Partner: age left education	18.004	3.23	7	42	457	17.126	2.95	8	32	556
Partner: employed	0.329	0.47	0	1	471	0.122	0.33	0	1	605
Partner: low level occupation	0.077	0.27	0	1	155	0.300	0.46	0	1	70
Partner: age	31.667	6.50	18	49	471	33.177	6.90	19	49	605
<b>Women</b>										
Less than secondary	0.27	0.44	0	1	471	0.215	0.41	0	1	671
Secondary education	0.423	0.49	0	1	471	0.560	0.50	0	1	671
Postsecondary education	0.308	0.46	0	1	471	0.225	0.42	0	1	671
Age left education	18.004	3.23	7	42	457	17.595	2.69	8	28	657

Employed	0.329	0.47	0	1	471	0.344	0.48	0	1	671
Age	31.667	6.50	18	49	471	32.379	6.50	18	48	671
Year of birth	1977	6.89	1957	1993	471	1977	6.76	1956	1993	671
Foreign born	0.331	0.47	0	1	471	0.317	0.47	0	1	671
Partner higher educated	0.308	0.46	0	1	471	0.225	0.42	0	1	671
Same education	0.544	0.50	0	1	471	0.492	0.50	0	1	671
Partner lower educated	0.149	0.36	0	1	471	0.283	0.45	0	1	671
Dependent children aged 12-	0.758	0.43	0	1	471	0.823	0.38	0	1	671
Survey year	2009	3.00	2004	2014	471	2009	3.15	2004	2014	671
Partner: less than secondary	0.176	0.38	0	1	471	0.364	0.48	0	1	671
Partner: secondary education	0.416	0.49	0	1	471	0.328	0.47	0	1	671
Partner: postsec. education	0.408	0.49	0	1	471	0.308	0.46	0	1	671
Partner: age left education	18.794	3.31	12	35	462	18.39	3.48	9	32	636
Partner: employed	0.864	0.34	0	1	471	0.852	0.36	0	1	671
Partner: low level occupation	0.088	0.28	0	1	407	0.201	0.40	0	1	568
Partner: age	34.444	6.65	18	49	471	35.191	6.73	20	49	671

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### Indian-Sikhs

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#### *Men*

Less than secondary	0.066	0.25	0	1	288	0.142	0.35	0	1	155
Secondary education	0.406	0.49	0	1	288	0.503	0.50	0	1	155
Postsecondary education	0.528	0.50	0	1	288	0.355	0.48	0	1	155
Age left education	19.453	3.15	14	29	285	18.346	3.36	8	35	153
Employed	0.941	0.24	0	1	288	0.884	0.32	0	1	155
Age	37.063	6.78	21	49	288	38.619	6.04	25	49	155
Year of birth	1972	6.98	1956	1990	288	1970	6.90	1956	1987	155
Foreign born	0.205	0.40	0	1	288	0.355	0.48	0	1	155
Partner higher educated	0.149	0.36	0	1	288	0.194	0.40	0	1	155
Same education	0.684	0.47	0	1	288	0.516	0.50	0	1	155
Partner lower educated	0.167	0.37	0	1	288	0.29	0.46	0	1	155
Dependent children aged 12-	0.615	0.49	0	1	288	0.665	0.47	0	1	155

Survey year	2009	3.05	2004	2014	288	2009	3.18	2004	2014	155
Partner: less than secondary	0.066	0.25	0	1	288	0.245	0.43	0	1	155
Partner: secondary education	0.431	0.50	0	1	288	0.387	0.49	0	1	155
Partner: postsec. education	0.503	0.50	0	1	288	0.368	0.48	0	1	155
Partner: age left education	19.214	2.87	14	26	285	18.804	3.11	11	30	153
Partner: employed	0.809	0.39	0	1	288	0.665	0.47	0	1	155
Partner: low level occup.	0.030	0.17	0	1	231	0.275	0.45	0	1	102
Partner: age	35.035	6.64	20	49	288	34.606	6.87	21	49	155
<b>Women</b>										
Less than secondary	0.066	0.25	0	1	288	0.109	0.31	0	1	92
Secondary education	0.431	0.50	0	1	288	0.630	0.49	0	1	92
Postsecondary education	0.503	0.50	0	1	288	0.261	0.44	0	1	92
Age left education	19.214	2.87	14	26	285	18.033	2.60	12	25	90
Employed	0.809	0.39	0	1	288	0.739	0.44	0	1	92
Age	35.035	6.64	20	49	288	34.707	6.84	21	49	92
Year of birth	1974	6.78	1957	1992	288	1973	7.97	1958	1988	92
Foreign born	0.163	0.37	0	1	288	0.239	0.43	0	1	92
Partner higher educated	0.167	0.37	0	1	288	0.304	0.46	0	1	92
Same education	0.684	0.47	0	1	288	0.402	0.49	0	1	92
Partner lower educated	0.149	0.36	0	1	288	0.293	0.46	0	1	92
Dependent children aged 12-	0.615	0.49	0	1	288	0.609	0.49	0	1	92
Survey year	2009	3.05	2004	2014	288	2008	3.21	2004	2014	92
Partner: less than secondary	0.066	0.25	0	1	288	0.304	0.46	0	1	92
Partner: secondary education	0.406	0.49	0	1	288	0.304	0.46	0	1	92
Partner: postsec. education	0.528	0.50	0	1	288	0.391	0.49	0	1	92
Partner: age left education	19.453	3.15	14	29	285	18.967	3.55	10	28	92
Partner: employed	0.941	0.24	0	1	288	0.913	0.28	0	1	92
Partner: low level occupation	0.089	0.29	0	1	269	0.265	0.44	0	1	83
Partner: age	37.063	6.78	21	49	288	36.576	7.36	22	49	92

Source: UK LFS 2004-2014 household files. Unweighted.

Table A2. Average marginal effects (z-statistics in parentheses) from logistic regression for the likelihood of being in a transnational partnership for UK born or raised.

	UK Pakistani-Muslim		UK Indian-Sikh	
	Men	Women	Men	Women
Less than secondary	Ref.	Ref.	Ref.	Ref.
Secondary education	-0.00 (-0.05)	0.13*** (3.58)	-0.10 (-1.22)	0.00 (0.02)
Postsecondary education	-0.14** (-3.18)	-0.02 (-0.46)	-0.23** (-2.73)	-0.18† (-2.11)
Foreign born	0.04 (1.24)	-0.03 (-0.82)	0.13* (2.39)	0.05 (0.88)
Year of birth	-0.01** (-2.89)	-0.01** (-2.77)	-0.00 (-0.62)	0.00 (1.06)
Survey year	0.01 (1.15)	0.01 (1.02)	0.00 (0.53)	-0.02* (-2.36)
N	1,076	1,142	443	380

Source: UK LFS 2004-2014 household files. Unweighted.

Note \*\*\*  $p < 0.001$ , \*\*  $p < 0.01$ , \*  $p < 0.05$ , †  $p < 0.10$

Table A3. Multinomial regression coefficients (z-scores in parentheses) for educational matching of UK born or raised. Base category is same education.

	<i>UK Pakistani-Muslims</i>				<i>UK Indian-Sikhs</i>				<b>Both groups</b>			
	<b>Men</b>		<b>Women</b>		<b>Men</b>		<b>Women</b>		<b>Men</b>		<b>Women</b>	
	Partner higher	Partner lower	Partner higher	Partner lower	Partner higher	Partner lower	Partner higher	Partner lower	Partner higher	Partner lower	Partner higher	Partner lower
Intranational partner	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Transnational partner	-0.22 (-1.11)	0.44** (3.25)	-0.21 (-1.47)	0.76*** (4.64)	0.56* (2.00)	0.77** (3.07)	1.08*** (3.59)	1.25*** (4.06)	-0.21 (-1.07)	0.43** (3.15)	-0.21 (-1.47)	0.76*** (4.64)
Indian-Sikh (ref=Pak-Muslim)									-0.14 (-0.65)	-0.84*** (-4.30)	-0.76*** (-3.84)	-0.21 (-0.96)
Indian-Sikh* transnational									0.77* (2.30)	0.42 (1.48)	1.32*** (3.96)	0.46 (1.34)
Foreign born	-0.05 (-0.22)	-0.15 (-0.99)	0.39* (2.49)	-0.23 (-1.28)	0.58 (1.64)	0.40 (1.26)	0.46 (1.29)	-0.54 (-1.20)	0.12 (0.65)	-0.03 (-0.24)	0.40** (2.79)	-0.27 <sup>†</sup> (-1.65)
Year of birth	0.00 (0.24)	0.00 (0.45)	0.00 (0.25)	0.02 (1.35)	0.05* (2.37)	-0.00 (-0.22)	0.01 (0.44)	0.01 (0.49)	0.02 (1.54)	0.00 (0.36)	0.00 (0.41)	0.02 (1.47)
Survey year	0.05 (1.48)	-0.00 (-0.18)	0.01 (0.20)	-0.02 (-0.90)	-0.03 (-0.61)	-0.02 (-0.36)	-0.02 (-0.35)	0.00 (0.04)	0.02 (0.79)	-0.01 (-0.50)	0.00 (0.03)	-0.02 (-0.78)
Constant	-112.05 <sup>†</sup> (-1.69)	-1.11 (-0.02)	-16.42 (-0.34)	12.56 (0.25)	-52.83 (-0.59)	38.62 (0.46)	12.60 (0.14)	-26.77 (-0.29)	-84.24 (-1.59)	13.27 (0.34)	-10.19 (-0.24)	2.98 (0.07)

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N	1,076	1,076	1,142	1,142	443	443	380	380	1,519	1,519	1,522	1,522
Pseudo R2	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.02	0.02	0.03	0.03

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*Source:* UK LFS 2004-2014 household files. Unweighted.

*Note* Two-tailed tests. \*\*\*  $p < 0.001$ , \*\*  $p < 0.01$ , \*  $p < 0.05$  †  $p < 0.10$

Table A4. Sensitivity analyses education matching. Multinomial logistic regression coefficients (z-statistics in parentheses).

<i>Pakistani-Muslim men</i>										
	Excluding imputed values		Controlling for age of partner		Excluding diaspora and cohabiting couples		Only UK born or migrated<16		Only UK born	
	Partner	Partner	Partner	Partner	Partner	Partner	Partner	Partner	Partner	Partner
	higher vs	lower vs	higher vs	lower vs	higher vs	lower vs	higher vs	lower vs	higher vs	lower vs
	same	same	same	same	same	same	same	same	same	same
Intranational partner	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Transnational partner	-0.45†	0.61***	-0.22	0.45**	-0.18	0.44**	-0.30	0.59***	-0.21	0.84***
	(-1.73)	(3.65)	(-1.14)	(3.29)	(-0.86)	(3.13)	(-1.46)	(4.01)	(-0.80)	(4.33)
Foreign born	-0.09	-0.09	-0.04	-0.15	0.02	-0.09	-0.09	-0.13		
	(-0.32)	(-0.47)	(-0.19)	(-0.98)	(0.08)	(-0.59)	(-0.38)	(-0.83)		
Year of birth	-0.00	0.02†	0.03	-0.02	0.02	0.01	-0.00	0.01	-0.01	0.01
	(-0.01)	(1.82)	(1.07)	(-1.06)	(1.09)	(1.03)	(-0.13)	(0.58)	(-0.26)	(0.85)
Year of birth partner			-0.03	0.03						
			(-1.11)	(1.59)						
Survey year	0.08†	-0.03	0.05	-0.01	0.04	-0.01	0.04	-0.01	0.03	-0.04
	(1.72)	(-1.17)	(1.56)	(-0.33)	(1.15)	(-0.57)	(1.18)	(-0.25)	(0.75)	(-1.32)
Constant	-154.83†	20.91	-108.41	-3.95	-121.89†	5.72	-82.26	-1.04		
	(-1.84)	(0.38)	(-1.63)	(-0.09)	(-1.71)	(0.12)	(-1.19)	(-0.02)		



N	723	723	1,076	1,076	999	999	988	988	572	572
Pseudo R2	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02

Source: UK LFS 2004-2014 household files. Unweighted.

Note \*\*\* p<0.001, \*\* p<0.01, \* p<0.05, † p<0.10

<i>Pakistani-Muslim women</i>										
	Excluding imputed values		Controlling for age of partner		Excluding diaspora and cohabiting couples		Only UK born or migrated<16		Only UK born	
	Partner higher vs same	Partner lower vs same	Partner higher vs same	Partner lower vs same	Partner higher vs same	Partner lower vs same	Partner higher vs same	Partner lower vs same	Partner higher vs same	Partner lower vs same
Intranational partner	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Transnational partner	-0.62** (-3.12)	1.02*** (5.18)	-0.21 (-1.49)	0.76*** (4.65)	-0.23 (-1.53)	0.84*** (4.87)	-0.11 (-0.69)	0.73*** (4.29)	0.06 (0.33)	0.82*** (3.88)
Foreign born	0.59** (2.85)	-0.17 (-0.77)	0.38* (2.44)	-0.23 (-1.28)	0.39* (2.41)	-0.17 (-0.92)	0.26 (1.50)	-0.10 (-0.52)		
Year of birth	0.02 (1.40)	0.05*** (3.43)	0.02 (0.92)	0.01 (0.51)	0.00 (0.21)	0.02† (1.72)	-0.00 (-0.32)	0.01 (0.98)	-0.01 (-0.31)	0.03 (1.57)
Year of birth partner			-0.02 (-0.95)	0.01 (0.38)						

Survey year	0.02	-0.08*	0.01	-0.02	-0.00	-0.03	0.00	-0.03	-0.03	-0.03
	(0.55)	(-2.44)	(0.37)	(-0.96)	(-0.02)	(-1.09)	(0.04)	(-1.32)	(-0.80)	(-1.00)
Constant	-78.91	49.34	-19.36	13.69	-4.79	13.97	5.03	43.48	60.28	11.12
	(-1.26)	(0.81)	(-0.40)	(0.27)	(-0.10)	(0.26)	(0.10)	(0.85)	(0.93)	(0.18)
N	733	733	1,142	1,142	1,066	1,066	1,052	1,052	698	698
Pseudo R2 (McFadden)	0.05	0.05	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01

*Source:* UK LFS 2004-2014 household files. Unweighted.

*Note* \*\*\* p<0.001, \*\* p<0.01, \* p<0.05, † p<0.10

*Indian-Sikh men*

	Excluding imputed		Controlling for age of		Excluding diaspora and		Only UK born or		Only UK born	
	values		partner		cohabiting couples		migrated<16			
	Partner	Partner	Partner	Partner	Partner	Partner	Partner	Partner	Partner	Partner
	higher vs	lower vs	higher vs	lower vs	higher vs	lower vs	higher vs	lower vs	higher vs	lower vs
	same	same	same	same	same	same	same	same	same	same
Intranational partner	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Transnational partner	-0.43	0.72*	0.63*	0.72**	0.59*	0.80**	0.54†	0.74**	0.67*	0.66*
	(-0.90)	(2.28)	(2.19)	(2.77)	(2.02)	(2.96)	(1.91)	(2.89)	(2.03)	(2.14)
Foreign born	0.60	0.07	0.52	0.44	0.48	0.37	0.52	0.38		
	(1.33)	(0.17)	(1.45)	(1.35)	(1.25)	(1.06)	(1.41)	(1.15)		
Year of birth	0.03	-0.03	0.09*	-0.03	0.05*	-0.00	0.05*	-0.01	0.03	-0.01
	(1.20)	(-0.99)	(2.15)	(-0.67)	(2.06)	(-0.08)	(2.02)	(-0.30)	(0.95)	(-0.52)
Year of birth partner			-0.04	0.02			-0.04	0.02		
			(-1.04)	(0.66)			(-1.04)	(0.66)		
Survey year	-0.01	-0.05	-0.02	-0.02	-0.03	0.02	-0.05	-0.01	-0.04	-0.02
	(-0.24)	(-1.02)	(-0.52)	(-0.43)	(-0.60)	(0.38)	(-1.01)	(-0.20)	(-0.76)	(-0.43)
Constant	-40.37	149.67	-48.82	39.21	-42.78	-31.71	-0.21	29.24	26.13	69.08
	(-0.35)	(1.50)	(-0.54)	(0.46)	(-0.45)	(-0.35)	(-0.00)	(0.34)	(0.24)	(0.66)
N	331	331	443	443	396	396	424	424	309	309

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Pseudo R2	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02
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*Source:* UK LFS 2004-2014 household files. Unweighted.

*Note* \*\*\*  $p < 0.001$ , \*\*  $p < 0.01$ , \*  $p < 0.05$ , †  $p < 0.10$

*Indian-Sikh women*

	Excluding imputed values		Controlling for age of partner		Excluding diaspora and cohabiting couples		Only UK born or migrated<16		Only UK born	
	Partner higher vs same	Partner lower vs same	Partner higher vs same	Partner lower vs same	Partner higher vs same	Partner higher vs same	Partner higher vs same	Partner lower vs same	Partner higher vs same	Partner lower vs same
	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Intranational partner	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Transnational partner	0.52 (1.17)	1.44*** (3.67)	1.08*** (3.58)	1.22*** (3.90)	1.18*** (3.68)	1.35*** (4.18)	1.09*** (3.51)	1.26*** (4.00)	1.00** (2.77)	1.41*** (4.02)
Foreign born	0.41 (0.96)	-0.94 (-1.57)	0.45 (1.27)	-0.56 (-1.23)	0.04 (0.10)	-0.67 (-1.23)	0.57 (1.44)	-0.55 (-1.08)		
Year of birth	0.00 (0.19)	0.03 (1.00)	0.02 (0.47)	-0.07 (-1.59)	0.00 (0.16)	0.02 (0.72)	0.01 (0.46)	0.01 (0.29)	0.01 (0.46)	0.03 (1.06)
Year of birth partner			-0.01 (-0.31)	0.09* (2.08)			-0.01 (-0.31)	0.09* (2.08)		
Survey year	-0.01 (-0.15)	-0.04 (-0.71)	-0.01 (-0.24)	-0.02 (-0.38)	0.01 (0.20)	0.01 (0.24)	-0.02 (-0.35)	-0.02 (-0.42)	0.00 (0.06)	0.01 (0.17)
Constant	5.02 (0.05)	24.25 (0.23)	5.62 (0.06)	1.28 (0.01)	-28.53 (-0.30)	-59.24 (-0.61)	10.73 (0.11)	26.54 (0.28)	-33.04 (-0.31)	-77.85 (-0.74)
N	304	304	380	380	345	345	360	360	279	279

Pseudo R2	0.04	0.04	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04
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*Source:* UK LFS 2004-2014 household files. Unweighted.

*Note* \*\*\*  $p < 0.001$ , \*\*  $p < 0.01$ , \*  $p < 0.05$ , †  $p < 0.10$

Table A5. Average marginal effects from logistic regression (z-scores in parentheses) for employment of partner of UK born or raised.

	<i>Pakistani-Muslims</i>				<i>Indian-Sikhs</i>			
	<b>Men</b>		<b>Women</b>		<b>Men</b>		<b>Women</b>	
	Model 1	Model 2	Model 1	Model 2	Model 1	Model 2	Model 1	Model 2
Intranational couple	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Transnational couple	-0.21*** (-8.38)	-0.15*** (-6.24)	-0.01 (-0.43)	0.01 (0.59)	-0.14*** (-3.33)	-0.09* (-2.07)	-0.04 (-1.11)	-0.02 (-0.67)
Partner < than secondary education		Ref.		Ref.		Ref.		Ref.
Partner secondary education		0.15*** (5.90)		0.10*** (3.39)		0.20** (2.62)		0.07 (1.26)
Partner postsecondary education		0.30*** (9.13)		0.14*** (4.86)		0.28*** (3.73)		0.05 (0.81)
Partner age	0.01** (3.12)	0.01*** (4.11)	0.00 (0.39)	0.00 (0.74)	0.01** (2.85)	0.01*** (3.69)	0.00 (1.12)	0.00 (1.24)
Dependent children aged 12-	-0.07** (-2.64)	-0.08** (-3.00)	-0.00 (-0.06)	-0.00 (-0.09)	-0.11* (-2.47)	-0.10* (-2.48)	0.01 (0.20)	0.01 (0.27)
Survey year dummies	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	1,076	1,076	1,142	1,142	443	443	380	380

Source: UK LFS 2004-2014 household files. Unweighted.

Note: Two-tailed tests \*\*\* p<0.001, \*\* p<0.01, \* p<0.05, † p<0.10

Table A6. Logistic regression coefficients (z-scores in parentheses) for employment of partner of UK born or raised (groups pooled).

	Men		Women	
	Model 1	Model 2	Model 1	Model 2
Intranational couple	Ref.	Ref.	Ref.	Ref.
Transnational couple	-0.88*** (-6.34)	-1.09*** (-6.40)	0.06 (0.36)	0.09 (0.49)
Indian	2.04***	1.75***	0.69**	0.76**
Sikhs (ref=Pak-Muslims)	(13.76)	(9.13)	(2.91)	(2.63)
Indian-Sikh*transnational		0.65* (2.21)		-0.22 (-0.45)
Partner < than secondary education	Ref.	Ref.	Ref.	Ref.
Partner secondary education	1.24*** (6.51)	1.25*** (6.54)	0.75*** (3.84)	0.75*** (3.83)
Partner postsecondary education	1.92*** (9.74)	1.94*** (9.75)	1.00*** (4.84)	1.00*** (4.82)
Partner age	0.06*** (5.41)	0.06*** (5.55)	0.01 (1.19)	0.01 (1.18)
Dependent children aged 12-	-0.58*** (-3.84)	-0.59*** (-3.88)	-0.01 (-0.05)	-0.01 (-0.07)
Survey year dummies	Yes	Yes	Yes	Yes
Constant	-3.67*** (-7.57)	-3.66*** (-7.57)	0.60 (1.15)	0.60 (1.14)
N	1,519	1,519	1,522	1,522

Source: UK LFS 2004-2014 household files. Unweighted.

Note: Two-tailed tests \*\*\* p<0.001, \*\* p<0.01, \* p<0.05, † p<0.10



Table A7. Sensitivity analyses for employment of partners of UK born or raised. Average marginal effects from logistic regression analyses and unstandardized OLS regression coefficients (employment hours) (z-statistics in parentheses).

	<i>Pakistani-Muslims</i>									
	<b>Men</b>					<b>Women</b>				
	Excl diaspora & cohabit	Only UK born or migrated<16	Only UK born	Employment hours	Excluding imputed values	Excl diaspora & cohabit	Only UK born or migrated<16	Only UK born	Employment hours	Excluding imputed values
Intranational couple	Ref.	Ref.	Ref	Ref.	Ref.	Ref.	Ref.	Ref	Ref.	Ref.
Transnational couple	-0.15*** (-6.05)	-0.17*** (-6.25)	-0.17*** (-4.93)	-4.57*** (-7.01)	-0.12*** (-3.95)	0.01 (0.43)	0.01 (0.50)	0.05 (1.42)	-0.92 (-0.87)	-0.00 (-0.06)
Partner < than secondary education	Ref.	Ref.	Ref	Ref.	Ref.	Ref.	Ref.	Ref	Ref.	Ref.
Partner secondary education	0.15*** (5.60)	0.16*** (5.85)	0.18*** (4.96)	3.42*** (4.61)	0.23*** (6.27)	0.09** (3.02)	0.10** (3.28)	0.12** (2.91)	2.80* (2.18)	0.07 <sup>†</sup> (1.78)
Partner postsecondary education	0.29*** (8.27)	0.30*** (8.79)	0.33*** (7.41)	8.44*** (10.06)	0.38*** (9.42)	0.12*** (4.27)	0.13*** (4.54)	0.13*** (3.42)	5.81*** (4.44)	0.15*** (4.57)
Partner age	0.01*** (3.77)	0.01*** (4.18)	0.01* (2.38)	0.18*** (3.75)	0.01*** (4.07)	0.00 (0.40)	0.00 (0.90)	0.00 (0.65)	0.14 <sup>†</sup> (1.82)	0.00 (0.03)
Dependent children aged 12-	-0.06* (-2.05)	-0.08** (-2.94)	-0.05 (-1.45)	-3.71*** (-4.97)	-0.06* (-2.18)	-0.00 (-0.14)	-0.01 (-0.51)	-0.02 (-0.53)	-1.01 (-0.80)	0.00 (0.08)

Survey year dummies	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Constant				-0.18 (-0.09)					26.25*** (7.74)	
N	999	988	572	1,067	828	1,066	1,052	698	1,111	805

*Indian-Sikhs*

	<b>Men</b>					<b>Women</b>				
	Excl. diaspora & cohabit	Only UK born or migrated<16	Only UK born	Employment hours	Excluding imputed values	Excl. diaspora & cohabit	Only UK born or migrated<16	Only UK born	Employment hours	Excluding imputed values
Intranational couple	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Transnational couple	-0.09 <sup>†</sup> (-1.84)	-0.08 <sup>†</sup> (-1.75)	-0.00 (-0.09)	-3.99* (-2.54)	-0.07 (-1.17)	-0.02 (-0.47)	-0.03 (-0.70)	0.04 (1.01)	-0.86 (-0.52)	0.04 (1.03)
Partner < than secondary education	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Partner secondary education	0.23** (2.75)	0.21* (2.55)	0.21* (2.04)	6.63** (2.71)	0.26** (2.83)	0.08 (1.37)	0.08 (1.26)	0.22 <sup>†</sup> (1.86)	4.26 <sup>†</sup> (1.83)	0.18 <sup>†</sup> (1.81)
Partner postsecondary education	0.30*** (3.75)	0.30*** (3.74)	0.30** (2.88)	11.97*** (4.86)	0.34*** (3.94)	0.06 (0.93)	0.06 (0.95)	0.19 (1.59)	1.54 (0.68)	0.17 <sup>†</sup> (1.70)
Partner age	0.01** (3.12)	0.01*** (3.50)	0.02*** (3.67)	0.38*** (3.44)	0.01** (3.01)	0.00 (1.19)	0.00 (1.14)	0.00 (0.76)	0.30** (3.05)	0.00 (1.12)
Dependent children aged 12-	-0.12** (-2.74)	-0.11* (-2.47)	-0.15** (-2.79)	-6.47*** (-4.23)	-0.12** (-2.69)	-0.00 (-0.14)	0.02 (0.58)	0.02 (0.44)	0.46 (0.33)	0.01 (0.47)
Survey year dummies	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Constant				7.44					25.57***	

				(1.40)					(5.20)	
N	396	424	309	442	364	345	360	253	373	281

*Source:* UK LFS 2004-2014 household files. Unweighted.

*Note* \*\*\* p<0.001, \*\* p<0.01, \* p<0.05, † p<0.10

Table A8. Average marginal effects from logistic regression (z-scores in parentheses) for low level occupation of partner (given employment) of UK born or raised.

	<i>Pakistani-Muslims</i>				<i>Indian-Sikhs</i>			
	<b>Men</b>		<b>Women</b>		<b>Men</b>		<b>Women</b>	
	Model 1	Model 2	Model 1	Model 2	Model 1	Model 2	Model 1	Model 2
Intranational couple	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Transnational couple	0.22***	0.17**	0.12***	0.10***	0.23***	0.18***	0.20***	0.17**
	(3.55)	(3.22)	(5.38)	(4.71)	(5.16)	(4.33)	(3.72)	(3.28)
Partner < than secondary education	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Partner secondary education		-0.35***		-0.01		-0.13		0.04
		(-3.76)		(-0.38)		(-1.63)		(0.62)
Partner postsecondary education		-0.42***		-0.10***		-0.21*		-0.13*
		(-4.79)		(-3.32)		(-2.57)		(-2.33)
Partner age	0.01	0.00	-0.01***	-0.01***	-0.00	-0.00 <sup>†</sup>	-0.00	-0.00
	(1.47)	(0.46)	(-4.89)	(-4.81)	(-0.83)	(-1.90)	(-0.92)	(-0.86)
Dependent children aged 12-	0.06	0.06	-0.02	-0.03	0.03	0.03	-0.03	-0.03
	(1.24)	(1.34)	(-0.89)	(-1.05)	(0.74)	(0.75)	(-0.90)	(-0.95)
Survey year dummies	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	225	225	975	975	333	333	352	352

Source: UK LFS 2004-2014 household files. Unweighted.

Note: \*\*  $p < 0.001$ , \*  $p < 0.01$ , \*  $p < 0.05$ , †  $p < 0.10$



Table A9. Sensitivity analyses for low level occupation of partners of UK born or raised. Average marginal effects from logistics regression analyses (z-statistics in parentheses).

<i>Pakistani-Muslims</i>						
	<b>Men</b>			<b>Women</b>		
	Excl diaspora & cohabit	Only UK born or migrated<16	Only UK born	Excl diaspora & cohabit	Only UK born or migrated<16	Only UK born
Intranational couple	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Transnational couple	0.18** (3.17)	0.20*** (3.59)	0.38*** (3.99)	0.11*** (4.70)	0.12*** (5.50)	0.15*** (5.62)
Partner < than secondary education	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Partner secondary education	-0.35*** (-3.75)	-0.26* (-2.55)	-0.36* (-2.26)	-0.03 (-0.80)	-0.02 (-0.58)	0.03 (0.66)
Partner postsecondary education	-0.41*** (-4.51)	-0.34*** (-3.51)	-0.39* (-2.40)	-0.10*** (-3.43)	-0.09** (-2.99)	-0.05 (-1.48)
Partner age	-0.00 (-0.04)	0.00 (0.15)	-0.02** (-2.79)	-0.01*** (-4.24)	-0.01*** (-4.19)	-0.01** (-2.99)
Dependent children aged 12-	0.06 (1.21)	0.07 (1.49)	- -	-0.02 (-0.86)	-0.03 (-1.14)	-0.02 (-0.61)
Survey year dummies	Yes	Yes	No	Yes	Yes	Yes
N	205	216	91	918	901	587





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N	293	317	231	320	333	257
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*Source:* UK LFS 2004-2014 household files. Unweighted.

Note \*\*\*  $p < 0.001$ , \*\*  $p < 0.01$ , \*  $p < 0.05$ , †  $p < 0.10$

Table A10. Average marginal effects from logistic regression analyses of employment of UK born or raised (z-statistics in parentheses).

<i>Pakistani-Muslims</i>						
	<b>Men</b>			<b>Women</b>		
	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3
Intranational partner	Ref.	Ref	Ref	Ref.	Ref.	Ref
Transnational partner	-0.02 (-0.99)			0.03 (1.01)		
Transnat.partner 0-5 yrs of stay		0.00 (0.08)	0.01 (0.42)		0.12** (3.01)	0.11** (2.68)
Transnat. part 6-10 yrs of stay		-0.04 (-1.16)	-0.03 (-0.80)		0.03 (0.71)	0.01 (0.41)
Transnat. part 11-15 yrs of stay		-0.03 (-0.76)	-0.02 (-0.46)		0.00 (0.07)	0.00 (0.05)
Transnat. partner 16+ yrs of stay		-0.02 (-0.65)	-0.01 (-0.31)		-0.10* (-2.42)	-0.10* (-2.46)
Less than secondary education	Ref.	Ref	Ref	Ref.	Ref	Ref
Secondary education	0.15*** (4.21)	0.15*** (4.16)	0.14*** (3.94)	0.25*** (9.15)	0.25*** (9.13)	0.25*** (9.03)
Postsecondary education	0.23*** (6.63)	0.23*** (6.56)	0.22*** (6.10)	0.47*** (13.52)	0.46*** (13.19)	0.46*** (13.07)
Age	0.00 (0.85)	0.00 (0.90)	0.00 (0.64)	0.01** (2.70)	0.01*** (4.29)	0.01*** (4.34)
Dependent children aged 12-	-0.01 (-0.29)	-0.00 (-0.10)	0.00 (0.12)	-0.18*** (-6.05)	-0.17*** (-5.60)	-0.17*** (-5.54)
Foreign born	0.04 (1.42)	0.04 (1.42)	0.04 (1.56)	-0.07* (-2.19)	-0.06* (-2.12)	-0.07* (-2.26)
Partner employed			Ref.			Ref.
Partner employed low level			-0.03 (-0.49)			0.08† (1.89)

Partner not employed			-0.07*			-0.04
			(-2.41)			(-0.95)
Survey year dummies	Yes	Yes	Yes	Yes	Yes	Yes
N	1,072	1,072	1,072	1,138	1,138	1,138

Source: UK LFS 2004-2014 household files. Unweighted.

Note: Two-tailed tests \*\*\* p<0.001, \*\* p<0.01, \* p<0.05, † p<0.10

	<i>Indian-Sikhs</i>					
	<b>Men</b>			<b>Women</b>		
	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3
Intranational partner	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Transnational partner	-0.05			-0.01		
	(-1.56)			(-0.26)		
Transnat.partner 0-5 yrs of stay		0.01	0.01		0.03	0.03
		(0.12)	(0.13)		(0.36)	(0.36)
Transnat. part 6-10 yrs of stay		0.00	-0.00		-0.08	-0.08
		(0.07)	(-0.07)		(-0.85)	(-0.88)
Transnat. part 11-15 yrs of stay		-0.09	-0.10		-0.03	-0.04
		(-1.42)	(-1.48)		(-0.28)	(-0.38)
Transnat. partner 16+ yrs of stay		-0.14†	-0.14†		0.02	0.01
		(-1.71)	(-1.68)		(0.23)	(0.15)
Less than secondary education	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Secondary education	0.21**	0.21**	0.21**	0.25*	0.24*	0.24*
	(2.82)	(2.89)	(2.81)	(2.52)	(2.36)	(2.37)
Postsecondary education	0.19*	0.19*	0.19*	0.39***	0.37***	0.38***
	(2.57)	(2.56)	(2.51)	(3.96)	(3.73)	(3.83)
Age	0.00	0.00	0.00	0.01***	0.01***	0.01***
	(0.71)	(1.32)	(1.12)	(4.18)	(3.82)	(3.88)
Dependent children aged 12-	0.00	-0.00	-0.00	-0.17***	-0.16***	-0.17***
	(0.02)	(-0.16)	(-0.09)	(-4.12)	(-3.84)	(-3.89)

Foreign born	0.01 (0.40)	0.03 (0.78)	0.04 (0.98)	-0.04 (-0.62)	-0.05 (-0.78)	-0.05 (-0.85)
Partner employed			Ref.			Ref.
Partner employed low level			0.04 (1.32)			0.07 (1.38)
Partner not employed			-0.03 (-0.79)			-0.12 (-1.37)
Survey year dummies	Yes	Yes	Yes	Yes	Yes	Yes
N	440	440	440	377	377	377

Table A11. Sensitivity analyses for employment of UK born or raised. Average marginal effects from logistics regression analyses and unstandardized OLS regression coefficients (employment hours) (z-statistics in parentheses).

	<i>Pakistani-Muslims</i>									
	<b>Men</b>					<b>Women</b>				
	Excl diaspora & cohabit	Only UK born or migrated<16	Only UK born	Employment hours	Excluding imputed values	Excl diaspora & cohabit	Only UK born or migrated<16	Only UK born	Employment hours	Excluding imputed values
Intranational couple	Ref.	Ref	Ref.	Ref	Ref	Ref	Ref	Ref.	Ref.	Ref.
Transnational couple	-0.03 (-1.44)	-0.02 (-0.92)	0.03 (0.81)	-0.59 (-0.54)	-0.01 (-0.62)	0.03 (1.00)	0.02 (0.67)	0.02 (0.51)	1.37† (1.72)	0.02 (0.64)
Less than secondary education	Ref.	Ref	Ref.	Ref	Ref	Ref	Ref	Ref.	Ref.	Ref.
Secondary education	0.14*** (3.85)	0.15*** (4.08)	0.22*** (3.89)	6.18*** (4.32)	0.15*** (3.98)	0.24*** (8.53)	0.27*** (9.60)	0.28*** (7.65)	6.65*** (6.60)	0.26*** (8.77)
Postsecondary education	0.22*** (6.01)	0.23*** (6.27)	0.28*** (4.97)	10.28*** (6.73)	0.24*** (6.56)	0.47*** (12.97)	0.49*** (13.79)	0.51*** (11.74)	13.60*** (11.80)	0.49*** (13.57)
Age	0.00 (0.48)	0.00 (1.34)	0.00 (0.45)	0.17† (1.96)	0.00 (0.59)	0.01* (2.42)	0.01* (2.52)	0.01* (1.98)	0.13* (2.03)	0.01* (2.25)
Dependent children aged 12-	-0.00	-0.03	-0.03	-0.49	0.01	-0.16***	-0.19***	-0.21***	-7.97***	-0.19***

	(-0.06)	(-1.04)	(-0.89)	(-0.38)	(0.23)	(-5.06)	(-5.93)	(-5.43)	(-8.20)	(-5.92)
Foreign born	0.03	0.04		2.35†	0.03	-0.07*	-0.06†		-1.79*	-0.06†
	(1.33)	(1.43)		(1.93)	(1.14)	(-2.04)	(-1.75)		(-2.00)	(-1.94)
Survey year dummies	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Constant				18.55***					3.99	
				(4.83)					(1.54)	
N	995	984	568	1,038	921	1,062	1,049	696	1,130	1,024
R2				0.05					0.19	

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*Indian-Sikhs*

	<b>Men</b>					<b>Women</b>				
	Excl diaspora & cohabit	Only UK born or migrated<16	Only UK born	Employment hours	Excluding imputed values	Excl diaspora & cohabit	Only UK born or migrated<16	Only UK born	Employment hours	Excluding imputed values
Intranational couple	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Transnational couple	-0.05 (-1.61)	-0.03 (-1.14)	-0.02 (-0.53)	-1.36 (-0.91)	-0.04 (-1.38)	-0.00 (-0.03)	0.01 (0.14)	0.02 (0.44)	-0.99 (-0.56)	0.02 (0.46)
Less than secondary education	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Secondary education	0.21**	0.26**	0.20 <sup>†</sup>	10.70***	0.22**	0.24*	0.28*	0.35**	9.23**	0.27**

	(2.71)	(3.09)	(1.84)	(4.18)	(2.77)	(2.30)	(2.57)	(2.74)	(3.20)	(2.71)
Postsecondary education	0.19*	0.25**	0.18	7.31**	0.22**	0.39***	0.42***	0.51***	17.44***	0.39***
	(2.37)	(2.91)	(1.59)	(2.83)	(2.81)	(3.71)	(3.90)	(4.00)	(5.91)	(3.95)
Age	0.00	0.00	0.00	0.15	0.00	0.01***	0.01***	0.01**	0.39**	0.01***
	(0.59)	(0.63)	(0.93)	(1.18)	(0.69)	(3.69)	(4.25)	(3.28)	(3.28)	(3.58)
Dependent children aged 12-	-0.01	0.00	-0.03	1.69	-0.01	-0.18***	-0.17***	-0.18***	-9.36***	-0.17***
	(-0.27)	(0.03)	(-0.78)	(1.14)	(-0.30)	(-4.05)	(-3.88)	(-3.37)	(-6.27)	(-4.00)
Foreign born	0.03	0.01		1.74	0.03	-0.06	-0.04		-0.27	-0.02
	(0.73)	(0.33)		(0.91)	(0.78)	(-0.84)	(-0.60)		(-0.13)	(-0.37)
Survey year dummies	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Constant				20.06***					5.28	
				(3.64)					(0.98)	
N	393	421	278	432	395	342	357	277	377	358
R2				0.09					0.22	

Source: UK LFS 2004-2014 household files. Unweighted.

Note \*\*\* p<0.001, \*\* p<0.01, \* p<0.05, † p<0.10

Table A12. Comparison of attitudes British Pakistani – general population of Pakistan (aged below 50)

	University is more important for a		Men make better political		Opinion men should have more right to	
	boy than for a girl		leaders than women do		a job than woman	
	Pakistan	UK-Pakistani	Pakistan	UK-Pakistani	Pakistan	UK-Pakistani
Strongly agree	22.8%	0%	42.1%	6.3%		
Agree	30.0%	1.2%	31.8%	28.6%	74.0%	7.6%
Neither agree nor disagree					20.0%	25.5%
Disagree	31.8%	61.1%	18.1%	47.9%	6.0%	67.0%
Strongly disagree	15.6%	37.7%	8.0%	17.2%		
N	1,024	252	1,030	238	1,058	251

Source: WVS Pakistan wave 2012 (downloaded May 2017), EURISLAM dataset (Hoksbergen & Tillie, 2012). Unweighted.