

## Supplementary Materials

Table S1. Models specified for each portion of the analysis

<b>Part 1: Partner help</b>
help_partner ~ partnerstatus + kin_prox + age + relig + education + nativity + ethnicity + hhquintile + ressize alloQ_partner ~ partnerstatus + kin_prox + age + relig + education + nativity + ethnicity + hhquintile + ressize help_partner ~ fathertype + kin_prox + age + relig + education + nativity + ethnicity + hhquintile + ressize
<b>Part 1: Partner help, additional models presented in the supplementary materials only</b>
superQ_partner ~ partnerstatus + kin_prox + age + relig + education + nativity + ethnicity + hhquintile + ressize alloD_partner ~ partnerstatus + kin_prox + age + relig + education + nativity + ethnicity + hhquintile + ressize
<b>Part 2: Childcare help from maternal kin</b>
help_mat_kin ~ partnerstatus + alloQ_partner + kin_prox_mat + age + relig + education + nativity + ethnicity + hhquintile + ressize alloQ_mat_kin ~ partnerstatus + alloQ_partner + kin_prox_mat + age + relig + education + nativity + ethnicity + hhquintile + ressize alloQ_matp ~ partnerstatus + alloQ_partner + kin_prox_mat + age + relig + education + nativity + ethnicity + hhquintile + ressize
<b>Part 3: Childcare help from other allomothers</b>
help_other ~ partnerstatus + alloQ_partner + kin_prox_mat + age + relig + education + nativity + ethnicity + hhquintile + ressize alloQ_other ~ partnerstatus + alloQ_partner + kin_prox_mat + age + relig + education + nativity + ethnicity + hhquintile + ressize alloQ_other_p ~ partnerstatus + alloQ_partner + kin_prox_mat + age + relig + education + nativity + ethnicity + hhquintile + ressize

**Part 4: Fertility**

births\_adj ~ partnerstatus + relig + education + nativity + ethnicity + hhquintile + ressize

births\_progress ~ partnerstatus + births\_num + age + relig + education + nativity + ethnicity + hhquintile + ressize

births\_intent ~ births\_num + age partnerstatus + relig + education + nativity + ethnicity + hhquintile +

**Part 4: Fertility predicted by allomothering**

births\_adj ~ partnerstatus + help\_all + relig + education + nativity + ethnicity + hhquintile + ressize

births\_adj ~ partnerstatus + alloQ + relig + education + nativity + ethnicity + hhquintile + ressize

Note: Each model was built twice, for each of the countries separately (UK and US)

Table S2. Variable dictionary

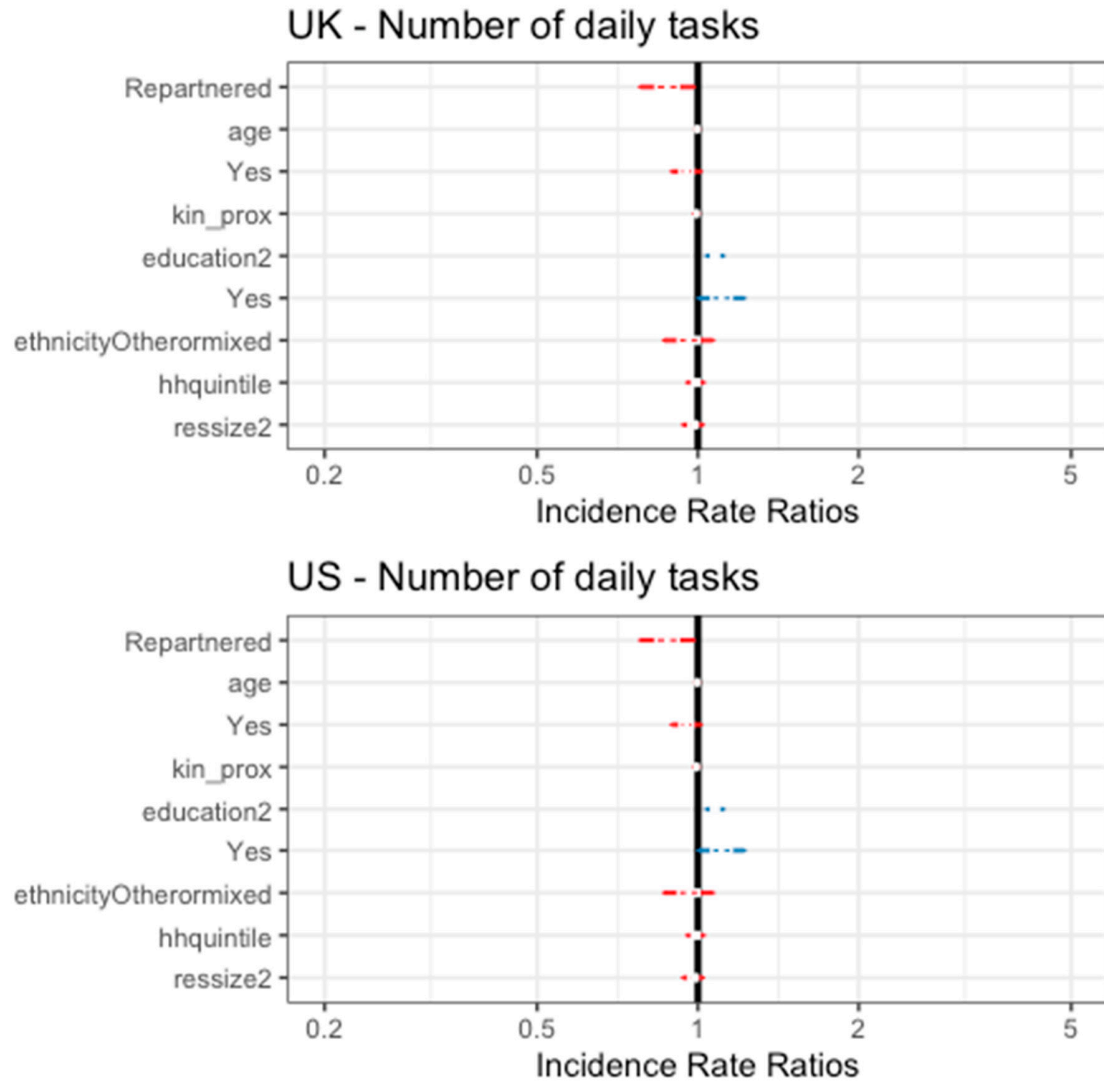
<b>Outcomes</b>	
<b>births_adj</b>	Age-adjusted number of births, as the residual of a linear regression of number of births on age
<b>births_progress</b>	Binary variable indicating whether the mother intends to have another child in the next two years (1) or not (0)
<b>births_intent</b>	Number of children the mother would like to have, calculated as number of births plus how many more she would like to have
<b>help_partner</b>	Binary variable indicating whether the mother's partner contributes with childcare (1) or not (0)
<b>alloQ_partner</b>	Childcare help score for the mother's partner: calculated as a frequency of five childcare tasks (washing/changing, playing, feeding, supervising, other) converted to a number of occurrences over a month (daily = 30, weekly = 8, monthly = 2, less than monthly or never = 0) and summed across types of care.
<b>superQ_partner</b>	Alternative childcare measure for the mother's partner: calculated as a frequency of a single childcare tasks (supervising the child) converted to a number of occurrences over a month (daily = 30, weekly = 8, monthly = 2, less than monthly or never = 0).
<b>alloD_partner</b>	Alternative childcare measure for the mother's partner: calculates as the number of childcare tasks (washing/changing, playing, feeding, supervising, other) that were performed daily.
<b>help_mat_kin</b>	Number of maternal kin providing at least one type of childcare help at any frequency
<b>alloQ_mat_kin</b>	Childcare help score for the child's maternal kin: calculated as a frequency of five childcare tasks (washing/changing, playing, feeding, supervising, other) converted to a number of occurrences over a month (daily = 30, weekly = 8, monthly = 2, less than monthly or never = 0) and summed across types of care, and then summed across maternal kin helpers
<b>alloQ_matp</b>	Percentage of the overall childcare score that is contributed by maternal kin
<b>help_other</b>	Number of people providing at least one type of childcare help at any frequency, who are neither the partner nor maternal kin
<b>alloQ_other</b>	Childcare help score for other helpers (not the partner and not maternal kin): calculated as a frequency of five childcare tasks (washing/changing, playing, feeding, supervising, other) converted to a number of occurrences over a month (daily = 30, weekly = 8, monthly = 2, less than monthly or never = 0) and summed across types of care, and then summed across helpers.
<b>alloQ_other_p</b>	Percentage of the overall childcare score that is contributed by helpers that are neither the partner nor maternal kin

<b>help_all</b>	
<b>alloQ_all</b>	
<b>Main predictors</b>	
<b>partnerstatus</b>	The woman's partnership status, categorical variable with levels "Partnered" (baseline); "Unpartnered" or "Repartnered"
<b>fathertype</b>	The relationship of the mother's partner to the focal child with levels "Partnered dad" (baseline); "Repartnered dad"; "Step dad"
<b>help_all</b>	Number of allomothers providing at least one type of childcare help at any frequency
<b>alloQ_all</b>	Childcare help score for all helpers: calculated as a frequency of five childcare tasks (washing/changing, playing, feeding, supervising, other) converted to a number of occurrences over a month (daily = 30, weekly = 8, monthly = 2, less than monthly or never = 0) and summed across types of care, and then summed across all helpers.
<b>Covariates</b>	
<b>age</b>	Mother's age
<b>relig</b>	Whether or not the mother states a religious affiliation
<b>education</b>	The mother's highest attained level of education, coded as primary (1), secondary (2), pre-tertiary (3), tertiary (4) or post-tertiary (5).
<b>nativity</b>	Binary variable indicating whether the mother was born in the country in which she currently resides (1) or not (1)
<b>ethnicity</b>	Binary variable indicating whether the mother self-identified as white (0) or non-white (1)
<b>hhquintile</b>	Household quintile, coded as the household income matched to the respective country's mean income for each quintile in 2018 (US Census Bureau 2019; Office for National Statistics 2019).
<b>ressize</b>	Size of the place where the mother resides, coded as village (1), town (2), or urban center (3)
<b>kin_prox</b>	Number of kin residing within one hour's travel time from the mother's residence
<b>kin_prox_mat</b>	Number of maternal kin residing within one hour's travel time from the mother's residence
<b>child_age</b>	Age of the focal child
<b>child_paidcare</b>	Number of hours that the focal child spends in paid care weekly
<b>kids_inhome</b>	Total number of children (biological and otherwise) residing in the mother's home

**Table S3. Results of Bayesian regression models predicting partner involvement level using alternative measures of level of involvement – Number of tasks performed at least daily**

<i>Predictors</i>	UK		US	
	<i>Incidence Rate Ratios</i>	<i>CI (95%)</i>	<i>Incidence Rate Ratios</i>	<i>CI (95%)</i>
Intercept	3.36	2.38 – 4.69	1.42	0.85 – 2.33
Partner status: Repartnered	0.88	0.76 – 1.03	1.05	0.89 – 1.22
Age	1.00	0.99 – 1.01	1.02	1.01 – 1.03
Mother is religiously affiliated	0.96	0.89 – 1.03	0.92	0.83 – 1.03
Number of kin residing nearby	0.99	0.98 – 1.01	1.01	1.00 – 1.03
Age of focal child	0.96	0.93 – 1.00	0.94	0.91 – 0.98
Number of hours spent in paid care	1.00	1.00 – 1.01	1.00	1.00 – 1.01
Total number of kids in home	0.99	0.94 – 1.04	0.97	0.92 – 1.04
Educational achievement	1.06	1.01 – 1.11	1.06	1.00 – 1.12
Nativity	1.12	0.99 – 1.27	1.13	0.90 – 1.44
Ethnicity	0.95	0.84 – 1.08	0.94	0.83 – 1.06
Household income quintile	0.97	0.93 – 1.02	0.99	0.94 – 1.05
Size of place of residence	0.98	0.93 – 1.03	1.03	0.95 – 1.12
Observations	836		528	

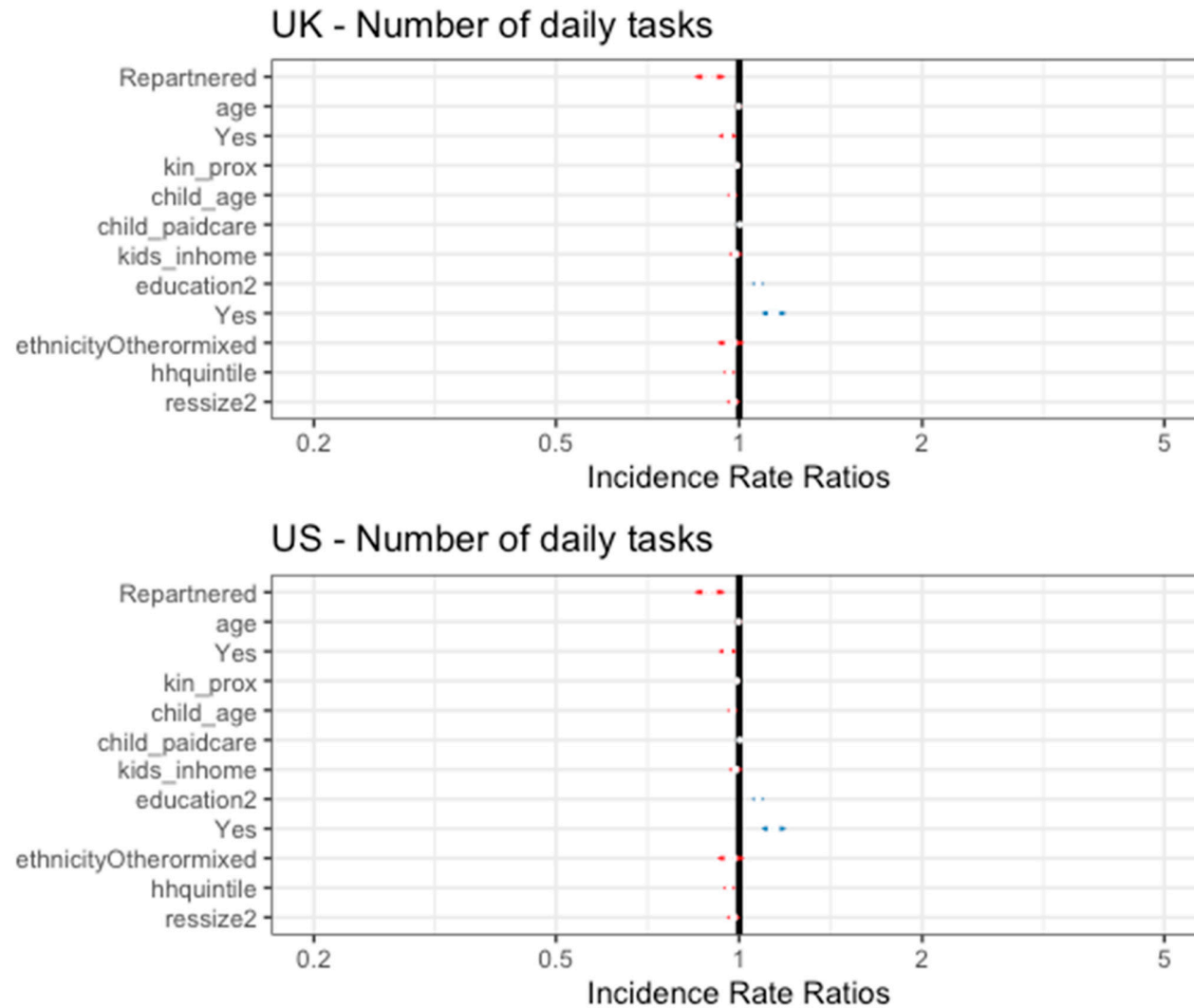
**Figure S1 – Visualization of Bayesian regression models predicting partner involvement level using alternative measures of level of involvement – Number of tasks performed at least daily – see also Table S3**



**Table S4. Results of Bayesian regression models predicting partner involvement level using alternative measures of level of involvement – Number of days of supervision provided over the course of a month**

<i>Predictors</i>	UK		US	
	<i>Incidence Rate Ratios</i>	<i>CI (95%)</i>	<i>Incidence Rate Ratios</i>	<i>CI (95%)</i>
Intercept	20.74	18.07 – 23.69	10.95	9.03 – 13.28
Partner status: Repartnered	0.89	0.84 – 0.95	1.00	0.94 – 1.06
Age	1.00	1.00 – 1.00	1.02	1.01 – 1.02
Mother is religiously affiliated	0.96	0.93 – 0.99	0.96	0.92 – 1.00
Number of kin residing nearby	0.99	0.99 – 1.00	1.01	1.01 – 1.02
Age of focal child	0.98	0.96 – 0.99	0.96	0.95 – 0.98
Number of hours spent in paid care	1.00	1.00 – 1.00	1.00	1.00 – 1.01
Total number of kids in home	0.99	0.97 – 1.01	1.00	0.98 – 1.02
Educational achievement	1.07	1.06 – 1.09	1.03	1.01 – 1.06
Nativity	1.14	1.09 – 1.19	1.02	0.93 – 1.11
Ethnicity	0.97	0.92 – 1.02	0.92	0.88 – 0.97
Household income quintile	0.96	0.95 – 0.98	0.98	0.96 – 1.00
Size of place of residence	0.98	0.96 – 1.00	1.03	1.00 – 1.06
Observations	836		528	

**Figure S2. Visualization of Bayesian regression models predicting partner involvement level using alternative measures of level of involvement – Number of days of supervision provided over the course of a month**





**Table S5. Results of Bayesian regression models predicting number of maternal kin allomothers – alternative model not without kin proximity or level of partner help covariates**

<i>Predictors</i>	UK		US	
	<i>Incidence Rate Ratios</i>	<i>CI (95%)</i>	<i>Incidence Rate Ratios</i>	<i>CI (95%)</i>
Intercept	0.78	0.46 – 1.33	0.36	0.16 – 0.80
partnerstatus: Unpartnered	0.27	0.17 – 0.39	0.31	0.20 – 0.45
partnerstatus: Repartnered	0.94	0.73 – 1.19	1.06	0.83 – 1.36
age	1.01	1.00 – 1.02	1.03	1.01 – 1.05
relig: Yes	1.06	0.94 – 1.21	0.95	0.80 – 1.13
child_age	0.97	0.92 – 1.04	0.97	0.91 – 1.04
child_paidcare	1.00	1.00 – 1.01	1.00	1.00 – 1.01
kids_inhome	0.96	0.88 – 1.05	1.09	0.99 – 1.19
education2	1.04	0.96 – 1.12	0.96	0.88 – 1.05
nativity: Yes	1.21	1.00 – 1.48	1.14	0.79 – 1.73
ethnicityOtherormixed	0.87	0.70 – 1.07	0.94	0.78 – 1.14
hhquintile	1.01	0.94 – 1.08	0.99	0.91 – 1.08
ressize2	0.94	0.86 – 1.03	1.08	0.94 – 1.23
Observations	919		606	

**Table S6. Results of Bayesian regression models predicting level of investment of maternal kin allomothers – alternative model not without kin proximity or level of partner help covariates**

<i>Predictors</i>	UK		US	
	<i>Incidence Rate Ratios</i>	<i>CI (95%)</i>	<i>Incidence Rate Ratios</i>	<i>CI (95%)</i>
Intercept	56.30	49.55 – 63.87	13.59	11.47 – 15.97
partnerstatus: Unpartnered	2.17	2.08 – 2.27	3.32	3.17 – 3.47
partnerstatus: Repartnered	1.01	0.95 – 1.07	0.88	0.81 – 0.95
age	0.93	0.93 – 0.93	0.98	0.98 – 0.99
relig: Yes	1.10	1.07 – 1.14	0.79	0.76 – 0.82
child_age	1.10	1.08 – 1.11	1.03	1.01 – 1.05
child_paidcare	0.98	0.98 – 0.98	1.01	1.01 – 1.01
kids_inhome	0.81	0.79 – 0.83	1.01	0.98 – 1.03
education2	1.18	1.16 – 1.20	1.13	1.10 – 1.15
nativity: Yes	2.08	1.97 – 2.21	0.47	0.44 – 0.50
ethnicityOtherormixed	0.75	0.72 – 0.79	1.29	1.24 – 1.34
hhquintile	1.11	1.09 – 1.13	1.03	1.01 – 1.05
ressize2	0.96	0.94 – 0.98	1.30	1.25 – 1.34
Observations	919		606	

**Table S7. Results of Bayesian regression models predicting percentage of overall help provided by maternal kin allomothers – alternative model not without kin proximity or level of partner help covariates**

<i>Predictors</i>	UK		US	
	<i>Estimates</i>	<i>CI (95%)</i>	<i>Estimates</i>	<i>CI (95%)</i>
Intercept	0.27	0.13 – 0.40	0.26	0.05 – 0.47
partnerstatus: Unpartnered	0.44	0.37 – 0.51	0.48	0.40 – 0.55
partnerstatus: Repartnered	0.01	-0.05 – 0.08	-0.01	-0.09 – 0.06
age	-0.01	-0.01 – -0.00	-0.00	-0.01 – 0.00
relig: Yes	0.02	-0.02 – 0.05	-0.02	-0.07 – 0.03
child_age	0.00	-0.01 – 0.02	0.01	-0.01 – 0.03
child_paidcare	-0.00	-0.00 – 0.00	0.00	-0.00 – 0.00
kids_inhome	-0.02	-0.04 – 0.01	-0.01	-0.04 – 0.01
education2	0.01	-0.01 – 0.03	-0.00	-0.03 – 0.02
nativity: Yes	0.10	0.05 – 0.15	-0.09	-0.20 – 0.00
ethnicityOtherormixed	-0.04	-0.10 – 0.01	0.01	-0.04 – 0.06
hhquintile	0.02	-0.00 – 0.04	0.01	-0.02 – 0.03
ressize2	-0.00	-0.03 – 0.02	0.01	-0.03 – 0.05
Observations	809		537	

**Table S8. Results of Bayesian regression models predicting number of other allomother caregivers – alternative model not without kin proximity or level of partner help covariates**

<i>Predictors</i>	UK		US	
	<i>Incidence Rate Ratios</i>	<i>CI (95%)</i>	<i>Incidence Rate Ratios</i>	<i>CI (95%)</i>
Intercept	0.30	0.13 – 0.68	0.05	0.02 – 0.14
partnerstatus: Unpartnered	1.10	0.76 – 1.55	2.00	1.44 – 2.74
partnerstatus: Repartnered	1.08	0.74 – 1.51	1.29	0.88 – 1.85
age	1.03	1.01 – 1.05	1.02	0.99 – 1.04
relig: Yes	1.30	1.09 – 1.57	0.94	0.73 – 1.20
child_age	0.94	0.86 – 1.03	0.99	0.90 – 1.09
child_paidcare	1.01	1.00 – 1.02	1.01	1.00 – 1.02
kids_inhome	0.89	0.78 – 1.01	1.24	1.09 – 1.41
education2	0.92	0.83 – 1.03	1.00	0.87 – 1.14
nativity: Yes	1.31	0.98 – 1.80	1.38	0.80 – 2.66
ethnicityOtherormixed	0.75	0.54 – 1.03	0.96	0.74 – 1.26
hhquintile	1.01	0.91 – 1.13	1.14	1.01 – 1.29
ressize2	0.89	0.78 – 1.01	1.26	1.04 – 1.54
Observations	919		606	

**Table S9. Results of Bayesian regression models predicting level of support from other allomother caregivers – alternative model not without kin proximity or level of partner help covariates**

<i>Predictors</i>	UK		US	
	<i>Incidence Rate Ratios</i>	<i>CI (95%)</i>	<i>Incidence Rate Ratios</i>	<i>CI (95%)</i>
Intercept	4.40	3.82 – 5.07	2.85	2.43 – 3.34
partnerstatus: Unpartnered	1.97	1.85 – 2.11	2.72	2.59 – 2.84
partnerstatus: Repartnered	1.41	1.33 – 1.50	1.78	1.69 – 1.87
alloQ_p	1.00	1.00 – 1.00		
age	1.04	1.04 – 1.04	0.99	0.99 – 1.00
relig: Yes	1.51	1.46 – 1.56	0.96	0.93 – 0.99
child_age	0.86	0.84 – 0.87	1.01	0.99 – 1.02
child_paidcare	1.01	1.01 – 1.01	1.00	1.00 – 1.01
kids_inhome	0.97	0.95 – 0.99	1.39	1.37 – 1.42
education2	0.93	0.91 – 0.95	1.07	1.05 – 1.09
nativity: Yes	1.58	1.49 – 1.67	0.84	0.78 – 0.90
ethnicityOtherormixed	0.86	0.81 – 0.91	0.90	0.87 – 0.94
hhquintile	1.02	1.00 – 1.04	1.14	1.12 – 1.16
ressize2	0.92	0.90 – 0.94	1.44	1.40 – 1.48
Observations	919		606	

**Table S10. Results of Bayesian regression models predicting percentage of overall help provided by other allomother caregivers – alternative model not without kin proximity or level of partner help covariates**

<i>Predictors</i>	UK		US	
	<i>Estimates</i>	<i>CI (95%)</i>	<i>Estimates</i>	<i>CI (95%)</i>
Intercept	0.02	-0.12 – 0.15	-0.07	-0.31 – 0.19
partnerstatus: Unpartnered	0.33	0.27 – 0.40	0.30	0.21 – 0.39
partnerstatus: Repartnered	0.03	-0.03 – 0.10	0.07	-0.02 – 0.16
age	0.00	0.00 – 0.01	-0.00	-0.01 – 0.00
relig: Yes	0.01	-0.02 – 0.05	0.02	-0.04 – 0.08
child_age	-0.01	-0.03 – 0.01	0.02	0.00 – 0.05
child_paidcare	0.00	-0.00 – 0.00	-0.00	-0.00 – 0.00
kids_inhome	0.01	-0.01 – 0.04	0.03	-0.00 – 0.06
education2	-0.01	-0.03 – 0.01	0.02	-0.01 – 0.05
nativity: Yes	-0.00	-0.05 – 0.05	0.03	-0.09 – 0.15
ethnicityOtherormixed	0.01	-0.04 – 0.07	-0.00	-0.06 – 0.06
hhquintile	-0.00	-0.02 – 0.02	0.02	-0.00 – 0.05
ressize2	-0.01	-0.03 – 0.01	0.03	-0.02 – 0.07
Observations	809		537	

**Table S10. Results of Bayesian regression models predicting hours weekly of paid childcare – alternative model not without kin proximity or level of partner help covariates**

<i>Predictors</i>	UK		US	
	<i>Estimates</i>	<i>CI (95%)</i>	<i>Estimates</i>	<i>CI (95%)</i>
Intercept	-18.02	-23.56 – -12.45	-24.71	-34.60 – -14.89
partnerstatus: Unpartnered	3.89	1.24 – 6.48	5.57	2.14 – 8.89
partnerstatus: Repartnered	0.33	-2.28 – 3.07	0.20	-3.39 – 3.76
age	-0.04	-0.19 – 0.10	0.16	-0.07 – 0.39
relig: Yes	-0.21	-1.61 – 1.13	-3.78	-6.09 – -1.50
child_age	5.43	4.89 – 5.98	1.85	0.96 – 2.71
kids_inhome	-1.02	-1.91 – -0.10	-0.75	-2.05 – 0.54
education2	1.84	1.03 – 2.64	2.61	1.36 – 3.80
nativity: Yes	-0.37	-2.39 – 1.66	3.28	-1.67 – 8.14
ethnicityOtherormixed	2.40	0.22 – 4.62	2.34	-0.19 – 4.85
hhquintile	3.14	2.39 – 3.90	2.86	1.77 – 3.96
ressize2	0.40	-0.54 – 1.37	2.06	0.29 – 3.76
Observations	919		606	