

**Supplementary table 3 - Multivariate linear regression analysis of main and joint effects of Breakups / Years lived alone and Gender on hsCRP or IL-6**

PARTNERSHIP BREAKUPS - hsCRP						PARTNERSHIP BREAKUPS - IL-6							
	N	Estimate, Coefficient		95% CI		p-value		N	Estimate, Coefficient		95% CI		p-value
		mean	mg/L						mean	pg/mL			
<i>Breakups:</i>						<b>0.036</b>	<i>Breakups:</i>						<b>0.032</b>
None (0)	2541	1.43	-	-	-		None (0)	2541	2.68	-	-	-	
One or more (1+)	2071	1.52	1.06	1.00	1.13		One or more (1+)	2071	2.81	1.05	1.00	1.10	
<i>Gender:</i>						0.088	<i>Gender:</i>						0.723
Female	1442	1.53	-	-	-		Female	1442	2.76	-	-	-	
Male	3170	1.43	0.93	0.86	1.01		Male	3170	2.73	0.99	0.93	1.05	
<i>Interaction:*</i>						<b>0.050</b>	<i>Interaction:*</i>						<b>&lt;.0001</b>
Female / 0	731	1.50	-	-	-		Female / 0	731	2.64	-	-	-	
Female / 1+	271	1.35	0.90	0.79	1.04		Female / 1+	271	2.64	1.00	0.90	1.11	
Male / 0	1810	1.33	0.89	0.81	0.98		Male / 0	1810	2.62	1.00	0.92	1.07	
Male / 1+	1800	1.49	1.00	0.91	1.09		Male / 1+	1800	2.78	1.05	0.98	1.13	
<b>YEARS LIVED ALONE - hsCRP</b>						<b>YEARS LIVED ALONE - IL-6</b>							
	N	Estimate, Coefficient		95% CI		p-value		N	Estimate, Coefficient		95% CI		p-value
		mean	mg/L						mean	pg/mL			
<i>Years:</i>						<b>0.0041</b>	<i>Years:</i>						<b>&lt;.0001</b>
0-1 yr.	2388	1.31	-	-	-		0-1 yr.	2388	2.84	-	-	-	
2-6 yr.	1043	1.28	0.98	0.91	1.06		2-6 yr.	1043	2.63	0.93	0.88	0.98	
7+ yr.	1404	1.44	1.10	1.03	1.18		7+ yr.	1404	2.49	0.88	0.82	0.93	
<i>Gender:</i>						0.0731	<i>Gender:</i>						0.8926
Female	1499	1.39	-	-	-		Female	1499	2.65	-	-	-	
Male	3336	1.3	1.04	0.86	1.01		Male	3336	2.64	1.03	0.94	1.06	
<i>Interaction:*</i>						0.358	<i>Interaction:*</i>						0.065
Female / 0-1 yr.	695	1.35	-	-	-		Female / 0-1 yr.	695	2.65	-	-	-	
Female / 2-6 yr.	327	1.24	0.92	0.80	1.04		Female / 2-6 yr.	327	2.45	0.93	0.84	1.02	
Female / 7+ yr.	477	1.41	1.04	0.93	1.17		Female / 7+ yr.	477	2.62	0.99	0.91	1.08	
Male / 0-1 yr.	1693	1.2	0.89	0.80	0.98		Male / 0-1 yr.	1693	2.52	0.95	0.88	1.03	
Male / 2-6 yr.	716	1.21	0.90	0.80	1.00		Male / 2-6 yr.	716	2.40	0.91	0.83	0.99	
Male / 7+ yr.	927	1.36	1.01	0.90	1.12		Male / 7+ yr.	927	2.84	1.07	0.99	1.16	

Models adjusted for: age, educational level, cohort, chronic diseases, acute inflammatory events, pharmaceutical intake, eMLE, BMI, personality. \* Test for interaction by the inclusion of a product term: partnership breakups + gender +partnership breakups x gender + covariates, *p*-values for the product term. Statistically significant estimates are presented in bold.