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| **Supplementary Table 1.** Reliabilities of the scales measuring maternal perceived social support, depressive and anxiety symptoms in the ALSPAC and PREDO cohorts. | | | | |
|  | **ALSPAC** | | **PREDO** | |
|  | **Crohnbach's alpha (α)** | | **Crohnbach's alpha (α)** | |
|  | **During pregnancya)** | **After pregnancyb)** | **During pregnancya)** | **After pregnancyb)** |
| Social supportc) | .73 | .74 | .92 | .93 |
| Depressive symptomsd) | .85 | .86 | .91 | .88 |
| Anxiety symptomse) | .79 | .84 | .95 | .94 |
| a) Reported at median gestational week 24 in ALSPAC, and at gestational weeks 12-14 in PREDO. | | | | |
| b) Reported at child age 8 months in ALSPAC, and at child age 8 years in PREDO. | | | | |
| c) Reported with a 10-item inventory in ALSPAC and with Social Support Questionnaire (SSQ6) in PREDO. | | | | |
| d) Reported with Edinburgh Postnatal Depression Scale (EPDS) in ALSPAC and with Center for Epidemiologic Studies Depression Scale (CES-D) in PREDO. | | | | |
| e) Reported with Crown-Crisp Experiential Index (CCEI) in ALSPAC and with State-Trait-Anxiety Inventory (STAI) in PREDO. | | | | |

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| **Supplementary Table 2.** Comparison of the current analytic subsample and the non-participants of the cohort in the ALSPAC and PREDO cohorts. | | | | | | |
|  | **ALSPAC** | | | **PREDO** | | |
|  | **Analytic sample (N=5784)** | **Non-respondersa) (N=8684)** |  | **Analytic sample (N=420)** | **Non-respondersa) (N=748)** |  |
|  | **N (%) / Mean (SD)** | **N (%) / Mean (SD)** | **P for differenceb)** | **N (%) / Mean (SD)** | **N (%) / Mean (SD)** | **P for differenceb)** |
| **Maternal characteristics** |  |  |  |  |  |  |
| Age at delivery | 29.23 (4.49) | 27.09 (5.11) | **<.001** | 33.39 (5.41) | 32.82 (5.96) | .11 |
| Missing | - | 572 (6.6) |  | - | - |  |
| Parity |  |  | **.001** |  |  | .48 |
| Primiparous | 2605 (45.0) | 3137 (36.1) |  | 145 (34.5) | 243 (32.5) |  |
| Multiparous | 3051 (52.7) | 4125 (47.5) |  | 275 (65.5) | 505 (67.5) |  |
| Missing | 128 (2.2) | 1422 (16.4) |  | - | - |  |
| Education level |  |  | **<.001** |  |  |  |
| ALSPAC |  |  |  |  |  |  |
| Degree | 959 (16.6) | 625 (7.2) |  |  |  |  |
| A-levels | 1539 (26.6) | 1231 (14.2) |  |  |  |  |
| O-levels | 2001 (34.6) | 2266 (26.1) |  |  |  |  |
| None/CSE/vocational | 1179 (20.4) | 2524 (29.1) |  |  |  |  |
| Missing | 106 (1.8) | 2038 (23.5) |  |  |  |  |
| PREDO |  |  |  |  |  | **<.001** |
| Upper tertiary |  |  |  | 167 (39.8) | 205 (27.4) |  |
| Lower tertiary |  |  |  | 132 (31.4) | 187 (25.0) |  |
| Primary/secondary |  |  |  | 121 (28.8) | 326 (43.6) |  |
| Missing |  |  |  | - | 30 (4.0) |  |
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| **Supplementary Table 2 (continued).** |  |  |  |  |  |  |
| Household crowding index (number of people by room) |  |  | **<.001** | N/A |  |  |
| 0-0.50 | 2812 (48.6) | 2607 (30.0) |  |  |  |  |
| 0.50-0.75 | 1761 (30.4) | 2329 (26.8) |  |  |  |  |
| 0.75-1 | 864 (14.9) | 1770 (20.4) |  |  |  |  |
| >1 | 197 (3.4) | 702 (8.1) |  |  |  |  |
| Missing | 150 (2.6) | 1276 (14.7) |  |  |  |  |
| Cohabiting status |  |  | **<.001** | N/A |  |  |
| Married/cohabiting | 5326 (92.1) | 6463 (74.4) |  |  |  |  |
| Not cohabiting | 413 (7.1) | 1210 (13.9) |  |  |  |  |
| Missing | 45 (0.8) | 1011 (11.6) |  |  |  |  |
| Substance use during early pregnancyc) |  |  | **<.001** |  |  | .73 |
| No | 2133 (36.9) | 2480 (28.6) |  | 329 (78.3) | 478 (63.9) |  |
| Yes | 3595 (62.2) | 4806 (55.3) |  | 86 (20.5) | 132 (17.6) |  |
| Missing | 56 (1.0) | 1398 (16.1) |  | 5 (1.2) | 138 (18.4) |  |
| Hypertensive disorders during pregnangyd) | N/A | N/A |  |  |  | .88 |
| No |  |  |  | 282 (67.1) | 499 (66.7) |  |
| Yes |  |  |  | 138 (32.9) | 249 (33.3) |  |
| **Child characteristics** |  |  |  |  |  |  |
| Sex assigned at birth |  |  | **.001** |  |  | .05 |
| Male | 2895 (50.1) | 4319 (49.7) |  | 208 (49.5) | 415 (55.5) |  |
| Female | 2889 (49.9) | 3853 (44.4) |  | 212 (50.5) | 333 (44.5) |  |
| Missing | - | 512 (5.9) |  | - | - |  |
| Birth weight (grams) | 3435.65 (534.18) | 3362.79 (593.76) | **<.001** | 3492.68 (554.66) | 3526.60 (596.80) | .34 |
| Missing | 67 (1.2) | 680 (7.8) |  | - | - |  |
| Gestational age (weeks) | 39.49 (1.80) | 37.69 (6.84) | **<.001** | 39.74 (1.55) | 39.62 (1.95) | .24 |
| Missing | - | 44 (0.5) |  | - | - |  |
|  |  |  |  |  |  |  |
| **Supplementary Table 2 (continued).** |  |  |  |  |  |  |
| Ethnic background |  |  | **<.001** | N/A |  |  |
| White | 5399 (93.3) | 5983 (68.9) |  |  |  |  |
| Non-White | 198 (3.4) | 404 (4.7) |  |  |  |  |
| Missing | 187 (3.2) | 2297 (26.5) |  |  |  |  |
| a) The non-responder group consists of participants with singleton pregnancies who did not have data on maternal social support and/or child neurocognitive assessment available. | | | | | | |
| b) In group comparisons, only participants with existing data are included. | | | | | | |
| c) Any smoking or alcohol use during early pregnancy. | | | | | | |
| d) Any hypertensive disorder (preeclampsia, gestational or chronic hypertension; International Classification of Diseases, 10th revision: I10, O10, O12−O16) vs. no hypertensive disorders in current pregnancy. | | | | | | |

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| **Supplementary Table 3.** Associations between covariates and social support during and after pregnancy. Associations were investigated with Pearson's correlation test for continuous covariates, T-test for dichotomous covariates and One-way ANOVA for categorical covariates. | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
|  | **Social support in ALSPAC** | | | | | | **Social support in PREDO** | | | | | |
|  | **During pregnancya)** | | | **After pregnancyb)** | | | **During pregnancya)** | | | **After pregnancyb)** | | |
|  | Coefficientc) | Mean difference (95%CI)d) | p | Coefficientc) | Mean difference (95%CI)d) | p | Coefficientc) | Mean difference (95%CI)d) | p | Coefficientc) | Mean difference (95%CI)d) | p |
| **Maternal covariates** |  |  |  |  |  |  |  |  |  |  |  |  |
| Age at delivery (years) | **0.03** |  | **.02** | -0.01 |  | .64 | -0.03 |  | .50 | -0.08 |  | .11 |
| Parity | **-5.62** |  |  | **-6.62** |  |  | -0.70 |  |  | 1.96 |  |  |
| Primiparous |  | [ref] |  |  | [ref] |  |  | [ref] |  |  | [ref] |  |
| Multiparous |  | **-0.71 (-0.95, -0.46)** | **<.001** |  | **-0.89 (-1.16, -0.63)** | **<.001** |  | -0.34 (-1.31, 0.62) | .49 |  | 1.28 (-0.01, 2.57) | .05 |
| Education level |  |  |  |  |  |  |  |  |  |  |  |  |
| ALSPAC | **16.59** |  |  | **8.20** |  |  |  |  |  |  |  |  |
| Degree |  | [ref] |  |  | [ref] |  |  |  |  |  |  |  |
| A-levels |  | -0.17 (-0.55, 0.21) | .39 |  | -0.40 (-0.81, 0.00) | .05 |  |  |  |  |  |  |
| O-levels |  | **-0.45 (-0.82, 0.09)** | **.02** |  | **-0.52 (-0.90, -0.13)** | **.01** |  |  |  |  |  |  |
| None/CSE/vocational |  | **-1.27 (-1.67, -0.87)** | **<.001** |  | **-1.07 (-1.50, -0.64)** | **<.001** |  |  |  |  |  |  |
| PREDO |  |  |  |  |  |  | 1.24 |  |  | 0.49 |  |  |
| Upper tertiary |  |  |  |  |  |  |  | [ref] |  |  | [ref] |  |
| Lower tertiary |  |  |  |  |  |  |  | -0.30 (-1.39, 0.80) | .59 |  | 0.61 (-0.85, 2.07) | .41 |
| Primary/secondary |  |  |  |  |  |  |  | -0.89 (-2.02, 0.23) | .12 |  | -0.11 (-1.60, 1.39) | .89 |
| Household crowding index (number of people by room) | **46.07** |  |  | **26.34** |  |  | N/A |  |  | N/A |  |  |
| 0-0.50 |  | [ref] |  |  | [ref] |  |  |  |  |  |  |  |
| 0.50-0.75 |  | **-0.61 (-0.89, -0.33)** | **<.001** |  | **-0.64 (-0.95, -0.34)** | **<.001** |  |  |  |  |  |  |
| 0.75-1 |  | **-1.70 (-2.06, -1.35)** | **<.001** |  | **-1.40 (-1.79, -1.01)** | **<.001** |  |  |  |  |  |  |
| >1 |  | **-2.83 (-3.50, -2.15)** | **<.001** |  | **-2.30 (-3.06, -1.54)** | **<.001** |  |  |  |  |  |  |
| Cohabiting status | **-8.59** |  |  | **-6.29** |  |  | N/A |  |  | N/A |  |  |
| Married/cohabiting |  | [ref] |  |  | [ref] |  |  |  |  |  |  |  |
| Not cohabiting |  | **-2.36 (-2.90, -1.82)** | **<.001** |  | **-1.82 (-2.39, -1.25)** | **<.001** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Supplementary Table 3 (continued).** |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance use during early pregnancye) | **-6.05** |  |  | **-3.76** |  |  | -1.53 |  |  | 0.07 |  |  |
| No |  | [ref] |  |  | [ref] |  |  | [ref] |  |  | [ref] |  |
| Yes |  | **-0.78 (-1.04, -0.53)** | **<.001** |  | **-0.52 (-0.79, -0.25)** | **<.001** |  | -0.89 (-2.03, 0.25) | .13 |  | 0.06 (-1.48, 1.59) | .94 |
| Hypertensive disorders during pregnancyf) | N/A |  |  | N/A |  |  | 0.60 |  |  | 0.55 |  |  |
| No |  |  |  |  |  |  |  | [ref] |  |  | [ref] |  |
| Yes |  |  |  |  |  |  |  | 0.30 (-0.68, 1.28) | .55 |  | 0.36 (-0.87, 1.59) | .57 |
| **Child covariates** |  |  |  |  |  |  |  |  |  |  |  |  |
| Sex assigned at birth | 0.18 |  |  | 0.91 |  |  | -0.45 |  |  | 1.13 |  |  |
| Male |  | [ref] |  |  | [ref] |  |  | [ref] |  |  | [ref] |  |
| Female |  | 0.02 (-0.22, 0.27) | .86 |  | 0.12 (-0.14, 0.39) | .36 |  | -0.21 (-1.13, 0.71) | .66 |  | 0.70 (-0.52, 1.92) | .26 |
| Birth weight (SD units) | 0.00 |  | .99 | 0.01 |  | .73 | -0.08 |  | .12 | -0.05 |  | .36 |
| Gestational age (weeks) | 0.02 |  | .08 | **0.03** |  | **.03** | -0.05 |  | .36 | 0.01 |  | .82 |
| Ethnic background | **-4.76** |  |  | **-4.64** |  |  | N/A |  |  | N/A |  |  |
| White |  | [ref] |  |  | [ref] |  |  |  |  |  |  |  |
| Non-White |  | **-1.62 (-2.29, -0.96)** | **<.001** |  | **-1.74 (-2.47, -1.01)** | **<.001** |  |  |  |  |  |  |
| a) Reported at median gestational week 24 in ALSPAC, and at gestational weeks 12-14 in PREDO. | | | | | | | | | | | | |
| b) Reported at child age 8 months in ALSPAC, and at child age 8 years in PREDO. | | | | | | | | | | | | |
| c) For continuous covariates, Pearson's correlation coefficient (r). For dichotomous covariates, T-value. For categorical covariates with more than two groups, F-value. | | | | | | | | | | | | |
| d) Mean difference in social support score. | | | | | | | | | | | | |
| e) Any smoking or alcohol use during early pregnancy. | | | | | | | | | | | | |
| f) Any hypertensive disorder (preeclampsia, gestational or chronic hypertension) vs. no hypertensive disorders in current pregnancy. | | | | | | | | | | | | |

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| **Supplementary Table 4.** Associations between covariates and the child's general cognitive ability (WISC-III Total IQ/WISC-IV Full-scale IQ) when adjusting for child sex assigned at birth and age at IQ assessment in the ALSPAC and PREDO cohorts. B represents change in IQ points following one unit increase in the covariate. β represents the change in child IQ standard deviation units. | | | | | | | | |
|  | **ALSPAC** | | | | **PREDO** | | | |
|  | **WISC-III Total IQ** | | | | **WISC-IV Full-scale IQ** | | | |
|  | **N** | **B (95%CI)** | **β (95%CI)** | **p** | **N** | **B (95%CI)** | **β (95%CI)** | **p** |
| **Maternal covariates** |  |  |  |  |  |  |  |  |
| Age at delivery | 5784 | **0.63 (0.54, 0.73)** | **0.04 (0.03, 0.04)** | **<.001** | 420 | -0.08 (-0.31, 0.17) | -0.01 (-0.02, 0.01) | .54 |
| Parity | 5656 |  |  |  | 420 |  |  |  |
| Primiparous |  | [ref] |  |  |  | [ref] |  |  |
| Multiparous |  | **-2.55 (-3.40, -1.71)** | **-0.16 (-0.21, -0.10)** | **<.001** |  | -1.35 (-4.08, 1.38) | -0.10 (-0.30, 0.10) | .33 |
| Education level |  |  |  |  |  |  |  |  |
| ALSPAC | 5678 |  |  |  |  |  |  |  |
| Degree |  | [ref] |  |  |  |  |  |  |
| A-levels |  | **-7.41 (-8,63, -6.19)** | **-0.45 (-0.53, -0.38)** | **<.001** |  |  |  |  |
| O-levels |  | **-12.51 (-13.67, -11.35)** | **-0.76 (-0.83, -0.69)** | **<.001** |  |  |  |  |
| None/CSE/vocational |  | **-18.06 (-19.35, -16.76)** | **-1.10 (-1.18, -1.02)** | **<.001** |  |  |  |  |
| PREDO |  |  |  |  | 420 |  |  |  |
| Upper tertiary |  |  |  |  |  | [ref] |  |  |
| Lower tertiary |  |  |  |  |  | **-6.93 (-9.84, -4.03)** | -0.51 (-0.72, -0.30) | **<.001** |
| Primary/secondary |  |  |  |  |  | **-10.42 (-13.41, -7.43)** | -0.77 (-0.99, -0.55) | **<.001** |
| Household crowding index (number of people by room) | 5634 |  |  |  |  | N/A |  |  |
| 0-0.50 |  | [ref] |  |  |  |  |  |  |
| 0.50-0.75 |  | **-3.79 (-4.74, -2.85)** | **-0.23 (-0.29, -0.17)** | **<.001** |  |  |  |  |
| 0.75-1 |  | **-8.47 (-9.68, -7.26)** | **-0.52 (-0.59, -0.44)** | **<.001** |  |  |  |  |
| >1 |  | **-9.86 (-12.15, -7.57)** | **-0.60 (-0.74, -0.46)** | **<.001** |  |  |  |  |
| Cohabiting status | 5739 |  |  |  |  | N/A |  |  |
| Married/cohabiting |  | [ref] |  |  |  |  |  |  |
| Not cohabiting |  | **-5.23 (-6.85, -3.62)** | **-0.32 (0.22, 0.42)** | **<.001** |  |  |  |  |
| **Supplementary Table 4 (continued).** |  |  |  |  |  |  |  |  |
| Substance use during early pregnancya) | 5737 |  |  |  | 415 |  |  |  |
| No |  | [ref] |  |  |  | [ref] |  |  |
| Yes |  | 0.21 (-0.65, 1.08) | 0.01 (-0.04, 0.07) | .63 |  | -0.97 (-4.17, 2.23) | -0.07 (-0.31, 0.16) | .55 |
| Hypertensive disorders during pregnancyb) |  | N/A |  |  | 420 |  |  |  |
| No |  |  |  |  |  | [ref] |  |  |
| Yes |  |  |  |  |  | -0.89 (-3.66, 1.88) | -0.07 (-0.27, 0.14) | .53 |
| Depressive symptomsc) |  |  |  |  |  |  |  |  |
| During pregnancy | 5682 | **-1.64 (-2.07, -1.22)** | **-0.10 (-0.13, -0.07)** | **<.001** | 420 | -0.54 (-1.83, 0.75) | -0.04 (-0.14, 0.06) | .41 |
| After pregnancy | 5512 | **-0.78 (-1.20, -0.35)** | **-0.05 (-0.07, -0.02)** | **<.001** | 377 | 0.05 (-1.31, 1.40) | 0.003 (-0.10, 0.10) | .95 |
| Anxiety symptomsd) |  |  |  |  |  |  |  |  |
| During pregnancy | 5630 | **-0.77 (-1.20, -0.35)** | **-0.05 (-0.07, -0.02)** | **<.001** | 420 | -0.50 (-1.79, 0.79) | -0.04 (-0.13, 0.06) | .45 |
| After pregnancy | 5511 | -0.27 (-0.69, 0.16) | -0.02 (-0.04, 0.01) | .22 | 380 | -0.94 (-2.27, 0.40) | -0.07 (-0.17, 0.03) | .17 |
| **Child covariates** |  |  |  |  |  |  |  |  |
| Sex assigned at birth | 5784 |  |  |  | 420 |  |  |  |
| Male |  | [ref] |  |  |  | [ref] |  |  |
| Female |  | -0.38 (-1.22, 0.46) | -0.02 (-0.07, 0.03) | .37 |  | 2.55 (-0.03, 5.13) | 0.19 (-0.002, 0.38) | .05 |
| Birth weight (SD units) | 5717 | **1.30 (0.88, 1.72)** | **0.08 (0.05, 0.11)** | **<.001** | 420 | -0.05 (-1.28, 1.18) | -0.004 (-0.09, 0.09) | .93 |
| Gestational age (weeks) | 5784 | **0.23 (0.002, 0.47)** | **0.01 (0.00, 0.03)** | **.048** | 420 | -0.11 (-0.96, 0.74) | -0.01 (-0.07, 0.06) | .80 |
| Ethnic background | 5597 |  |  |  |  | N/A |  |  |
| White |  | [ref] |  |  |  |  |  |  |
| Non-white |  | 0.03 (-2.27, 2.32) | 0.002 (-0.14, 0.14) | .98 |  |  |  |  |
| WISC-III=Wechsler Intelligence Scale for Children, 3rd edition. WISC-IV=Wechsler Intelligence Scale for Children, 4th edition. IQ=Intelligence Quotient. SD=Standard Deviation. | | | | | | | | |
| a) Any smoking and/or alcohol use during early pregnancy. | | | | | | | | |
| b) Any hypertensive disorder (preeclampsia, gestational or chronic hypertension) vs. no hypertensive disorders in current pregnancy. | | | | | | | | |
| c) Edinburgh Postnatal Depression Scale (EPDS) at gestational week 18 (during pregnancy) / child age 8 months (after pregnancy) in ALSPAC. Center for Epidemiologic Studies Depression Scale (CES-D) at gestational week 12 (during pregnancy) / child age 8 years (after pregnancy) in PREDO. | | | | | | | | |
| d) Crown-Crisp Experiential Index (CCEI) at gestational week 18 (during pregnancy) / child age 8 months (after pregnancy) in ALSPAC. State-Trait-Anxiety Inventory (STAI) at gestational week 12 (during pregnancy) / child age 8 years (after pregnancy) in PREDO. | | | | | | | | |

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| **Supplementary Table 5.** Associations of maternal social support during and after pregnancy with concurrent maternal depressive and anxiety symptoms in the ALSPAC and PREDO cohorts. | | | | | | | | |
|  | **ALSPAC** | | | | **PREDO** | | | |
|  | **Concurrent depressive symptoms, EPDS** | | **Concurrent anxiety symptoms, CCEI** | | **Concurrent depressive symptoms, CES-D** | | **Concurrent anxiety symptoms, STAI** | |
|  | **B (95%CI)** | **p** | **B (95%CI)** | **p** | **B (95%CI)** | **p** | **B (95%CI)** | **p** |
| Social support during pregnancya) |  |  |  |  |  |  |  |  |
| Model 1 | **-0.31 (-0.33, -0.28)** | **<.001** | **-0.22 (-0.25, -0.20)** | **<.001** | **-0.38 (-0.47, -0.29)** | **<.001** | **-0.29 (-0.38, -0.20)** | **<.001** |
| Model 2 | **-0.28 (-0.31, -0.26)** | **<.001** | **-0.22 (-0.24, -0.19)** | **<.001** | **-0.36 (-0.45, -0.27)** | **<.001** | **-0.27 (-0.36, -0.17)** | **<.001** |
| Social support after the child's birthb) |  |  |  |  |  |  |  |  |
| Model 1 | **-0.40 (-0.43, -0.38)** | **<.001** | **-0.34 (-0.37, -0.32)** | **<.001** | **-0.47 (-0.56, -0.38)** | **<.001** | **-0.39 (-0.49, -0.30)** | **<.001** |
| Model 2 | **-0.39 (-0.41, -0.36)** | **<.001** | **-0.33 (-0.36, -0.30)** | **<.001** | **-0.46 (-0.56, -0.37)** | **<.001** | **-0.38 (-0.47, -0.28)** | **<.001** |
| EPDS=Edinburgh Postnatal Depression Scale. CCEI=Crown-Crisp Experimental Index. CES-D=Center for Epidemiologic Studies Depression Scale. STAI=State-Trait-Anxiety Inventory. | | | | | | | | |
| a) Reported at median gestational week 24 in ALSPAC, and at gestational weeks 12-14 in PREDO. | | | | | | | | |
| b) Reported at child age 8 months in ALSPAC, and at child age 8 years in PREDO. | | | | | | | | |
| Model 1 adjusted for maternal age at delivery. | | | | | | | | |
| Model 2 adjusted for maternal age, parity, education, and substance use during pregnancy in both cohorts, and additionally for marital/cohabiting status and household crowding index in the ALSPAC cohort, and for maternal hypertensive disorders in the PREDO cohort. | | | | | | | | |

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| **Supplementary Table 6.** Mean euclidean distances of different life course models of the effects of maternal perceived social support on child general cognitive ability in the ALSPAC cohort (n=5498). The shortest Euclidean distance identifies the life course model that is most supported by the data in each model. | |
|  |  |
| **Life course model** | **Euclidean Distance (95% CrI)** |
| Social support during pregnancy as a sensitive period | **0.16 (0.01, 0.44)** |
| Social support after pregnancy as a sensitive period | 0.52 (0.12, 0.88) |
| Social support during pregnancy as a critical period | 0.43 (0.06, 0.82) |
| Social support after pregnancy as a critical period | 0.99 (0.60, 1.36) |
| The accumulation of the two time periods | 0.29 (0.02, 0.65) |
| CrI=Credible interval. |  |

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| **Supplementary Table 7.** Sensitivity analyses of the associations of maternal social support during and after pregnancy with the child's general cognitive ability (IQ) in the ALSPAC cohort and in the PREDO cohort, while excluding children with intellectual disability (IQ score below 70; n=98 in ALSPAC and n=3 in PREDO). B represents change in IQ points following one standard deviation (SD) increase in social support. β represents the change in child IQ in standard deviation units following one standard deviation increase in social support. | | | | | | |
|  | **ALSPAC** | | | **PREDO** | | |
|  | **WISC-III Total IQ** | | | **WISC-IV Full-scale IQ** | | |
|  | **B (95%CI)** | **β (95%CI)** | **p** | **B (95%CI)** | **β (95%CI)** | **p** |
| **Social support during pregnancy** |  |  |  |  |  |  |
| Model 1 | **1.46 (1.06, 1.86)** | **0.09 (0.06, 0.11)** | **<.001** | **1.80 (0.54, 3.06)** | **0.13 (0.04, 0.23)** | **.005** |
| Model 2 | **0.76 (0.36, 1.16)** | **0.05 (0.02, 0.07)** | **<.001** | **1.53 (0.31, 2.76)** | **0.11 (0.02, 0.20)** | **.01** |
| Model 3 | **0.64 (0.22, 1.06)** | **0.04 (0.01, 0.07)** | **.003** | **1.64 (0.32, 2.95)** | **0.12 (0.02, 0.22)** | **.02** |
| **Social support after pregnancya)** |  |  |  |  |  |  |
| Model 1 | **0.97 (0.55, 1.38)** | **0.06 (0.03, 0.08)** | **<.001** | -0.09 (-1.45, 1.26) | -0.01 (-0.11, 0.09) | .89 |
| Model 2 | **0.50 (0.10, 0.91)** | **0.03 (0.01, 0.06)** | **.02** | -0.14 (-1.44, 1.16) | -0.01 (-0.11, 0.09) | .83 |
| Model 3 | **0.45 (0.01, 0.90)** | **0.03 (0.001, 0.05)** | **.04** | -0.14 (-1.63, 1.35) | -0.01 (-0.12, 0.10) | .85 |
| CI=Confidence Interval. IQ=Intelligence Quotient. WISC-III/IV=Wechsler Intelligence Scale for Children, 3rd/4th edition. | | | | | | |
| a) In the ALSPAC cohort, social support after pregnancy is assessed at child age 8 months. In the PREDO cohort, social support after pregnancy is assessed at child age 8 years. | | | | | | |
| Model 1 adjusted for child sex assigned at birth and age at cognitive assessment. | | | | | | |
| Model 2 adjusted for child sex assigned at birth, age at cognitive assessment, birth weight and gestational age, and maternal age, parity, education, and substance use during pregnancy in both cohorts, and additionally for household crowding index, marital/cohabiting status, and child ethnic background in the ALSPAC cohort, and for maternal hypertensive disorders during pregnancy in the PREDO cohort. | | | | | | |
| Model 3 is adjusted for child sex assigned at birth, age at cognitive assessment, birth weight and gestational age, maternal age, parity, education, and substance use during pregnancy in both cohorts, and for household crowding index, marital/cohabiting status, and child ethnic background in the ALSPAC cohort, and for maternal hypertensive disorders during pregnancy in the PREDO cohort, and additionally for maternal depressive and anxiety symptoms reported concurrently with social support during/after pregnancy. | | | | | | |