# Supporting Information

# Trajectories of maternal ante- and postpartum depressive symptoms and their association with child- and mother-related characteristics in a West African birth cohort study

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**S2 Table.** Sample characteristics regarding predictor variables used in the multinomial logistic regression analysis

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| **Variable**  | **Total (*N*=650)** | **CIV (*n*=362)** | **GHA (*n*=288)** |
| **Psychosocial factors**  |  |  |  |
| Anxiety symptoms1, a*M* (*SD*; range) | 5.1 (3.8; 0 to 21) | 5.4 (3.8; 0 to 18) | 4.7 (3.8; 0 to 21) |
| Disability1, b*M* (*SD*; range) | 24.4 (7.0; 12 to 48) | 23.7 (7.1; 12 to 45) | 25.2 (6.8; 12 to 43) |
| Partner support3, c *M* (*SD*; range) | 4.6 (1.8; 0 to 6) | 4.4 (1.9; 0 to 6) | 4.9 (1.8; 0 to 6) |
| Mother support3, c*M* (*SD*; range) | 4.4 (2.1; 0 to 6) | 4.5 (2.0; 0 to 6) | 4.3 (2.2; 0 to 6) |
| Economic stress3, d*M* (*SD*; range) | 0.9 (1.0; 0 to 3) | 0.9 (1.0; 0 to 3) | 0.9 (1.0; 0 to 3) |
| Marital stress3, e *M* (*SD*; range) | 0.2 (0.5; 0 to 2) | 0.3 (0.6; 0 to 2) | 0.1 (0.4; 0 to 2) |
| Family stress3, e *M* (*SD*; range) | 0.8 (0.8; 0 to 2) | 0.9 (0.8; 0 to 2) | 0.8 (0.74; 0 to 2) |
| Experience of violence3, e*M* (*SD*; range) | 0.2 (0.5; 0 to 2) | 0.1 (0.3; 0 to 2) | 0.2 (0.6; 0 to 2) |
| **Sociodemographic factors** |  |  |  |
| Age of woman in years1 *M* (*SD*; range) | 29.2 (5.4; 18 to 46) | 28.7 (5.8; 18 to 46) | 29.8 (4.8; 18 to 42) |
| SES1, f *n* (%)LowHigh | 287 (45.0)351 (55.0) | 248 (69.9)107 (30.1) | 39 (13.8)244 (86.2) |
| Educational experience1, h *n* (%)01  | 355 (54.7)294 (45.3) | 244 (67.4)118 (32.6) | 111 (38.7)176 (61.3) |
| Marital status1, j *n* (%)01 | 63 (9.7)587 (90.3) | 50 (13.8)312 (86.2) | 13 (4.5)275 (95.5) |
| Number of children from relatives or acquaintances living in household3*M* (*SD*; range) | 0.6 (1.1; 0 to 7) | 1.0 (1.3; 0 to 7) | 0.08 (0.3; 0 to 2) |
| **Obstetric factors** |  |  |  |
| Gestational age in weeks2 *M* (*SD*; range) | 39.7 (1.5; 35 to 43) | 39.7 (1.6; 35 to 43) | 39.7 (1.3; 36 to 43) |
| Apgar score after 1 minute (dichotomized)2, k *n* (%)MediumHigh  | 519 (79.8)131 (20.2) | 237 (65.5)125 (34.5) | 282 (97.9)6 (2.1) |
| Sex of child2 *n* (%)FemaleMale  | 326 (50.2)324 (49.8) | 166 (45.9)196 (54.1) | 160 (55.6)128 (44.4) |
| Weight of child in kg2 *M* (*SD*; range) | 3.2 (0.4; 2.5 to 4.9) | 3.1 (0.4; 2.5 to 4.9) | 3.2 (0.4; 2.5 to 4.9) |
| Caesarian section current birth2 *n* (%)YesNo | 122 (18.8)526 (80.9) | 26 (7.2)334 (92.8) | 96 (33.3)192 (66.7) |
| Number of pregnancies before inclusion1 *n* (%)FirstSecondThirdFourthFifth or more | 172 (27.1)132 (20.8)116 (18.3)79 (12.4)136 (21.4) | 92 (26.4)63 (18.1)68 (19.5)41 (11.7)85 (24.3) | 80 (28.0)69 (24.1)48 (16.8)38 (13.3)51 (17.7) |
| Pregnancy complications before inclusion1 *n* (%)YesNo | 158 (25.2)470 (74.8) | 65 (18.1)294 (81.9) | 93 (34.6)176 (65.4) |
| Caesarian section before inclusion1 *n* (%)YesNo | 77 (12.6)536 (87.4) | 22 (6.5)319 (93.5) | 55 (20.2)217 (79.8) |
| Mother pregnant since last birth3 *n* (%)YesNo | 94 (20.1)374 (79.9) | 44 (16.2)227 (83.8) | 50 (25.4)147 (74.6) |
| Health care utilization3 *M* (*SD*; range) | 3.6 (3.1; 0 to 16) | 4.0 (3.0; 0 to 15) | 3.2 (3.2; 0 to 16) |

1 assessed at inclusion; 2 assessed at birth; 3 assessed 2 years after birth

a GAD-7 sum score: range from 0 to 21; higher scores represent higher level of anxiety symptoms.

b WHO-DAS II sum score: range from 12 to 60; higher scores represent higher level of disability.

c Range from 0 to 6; 3 items answered on a three point scale; higher scores represent higher level of support.

d Range from 0 to 3; 3 items with a dichotomous response format (0 = no; 1 = yes); higher scores represent higher level of stress.

e Range from 0 to 2; 2 items with a dichotomous response format (0 = no; 1 = yes); higher scores represent higher level of stress.

f SES: The median was used to differentiate between low (0) and high (1).

h dichotomized: 0 = none formal education and primary education; 1 = secondary education and tertiary education

j dichotomized: 0 = never married, separated, divorced, or widowed; 1 = currently married or cohabiting

k Apgar score after 1 minute: dichotomized: 0 = 5 to 8; 1 = 9 to 10.