**Table S5. Sensitivity analyses: costs, outcomes and ICERs at 6-months**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Group means  (SEab) | | | | Adjusted mean difference  (95% CIc) | | |
| Item | Control | Intervention  (combined) | Intervention (CBA) | Intervention (PCA) | Intervention (combined)  vs. Control | Intervention (CBA)  vs. Controld | Intervention (PCA)  vs. Controld |
|  |  |  |  |  |  |  |
| Two-stage bootstrap | | | | | |  |  |
|  | n=411 | n=1035 | n=548 | n=487 | n=1446 | n=959 | n=898 |
| QALYe | 0.290 (0.002) | 0.294  (0.001) | 0.294  (0.002) | 0.295  (0.002) | 0.002  (-0.003,0.005) | 0.002  (-0.003,0.006) | 0.002  (-0.003,0.006) |
| Costsf | 297 (13) | 227 (5) | 219 (6) | 238 (8) | -66  (-181, -10) | -73  (-173, -2) | -51  (-207, -4) |
| ICER | - | - | - | - | -37 600  (61 034, 14 401) | -40 300  (55 487, -15663) | -32 800  (24,017, -32 836) |
| High-risk threshold is lower than in base-case: ≥10 EPDS  (lower-risk group scores of 9 or less; high-risk group scores of 10 or more) | | | | | | | |
|  | n=354 | n=932 | n=494 | n=438 | n=1286 | n=1286 | n=1286 |
| QALYe | 0.294 (0.002) | 0.297 (0.001) | 0.297 (0.002) | 0.297 (0.002) | 0.001  (-0.002,0.004) | 0.001  (-0.002,0.004) | 0.001  (-0.002,0.003) |
| Costsf | 297 (26) | 219 (17) | 210 (26) | 229 (29) | -95 (-149,-41) | -104 (-158,-51) | -87 (-146,-29) |
| ICER |  |  |  |  | -96 400  (48 543, -21 042) | -86 300  (44 441,-20 739) | -124 500  (35 222,-16 515) |
| High-risk threshold is higher than in base-case: ≥13 EPDS  (lower-risk group scores of 12 or less; high-risk group scores of 13 or more) | | | | | | | |
|  | n=425 | n=1080 | n=580 | n=500 | n=1505 | n=1505 | n=1505 |
| QALYe | 0.289 (0.002) | 0.293 (0.001) | 0.293 (0.001) | 0.294 (0.002) | 0.002  (-0.001,0.004) | 0.002  (-0.001,0.005) | 0.002  (-0.001,0.004) |
| Costsf | 301  (27) | 230  (18) | 220  ( 27) | 241  ( 31) | -83  (-136,-31) | -95  (-147,-43) | -74  (-133,-14) |
| ICER |  |  |  |  | -46 800  (85 910, -14 236) | -47 400  (67 554,-15 556) | -46 600  (56 783,-7 839) |
| Multiply imputed datah | | | | | | | |
|  | n=767 | n=1474 | n=708 | n=766 | n=2241 | n=2241 | n=2241 |
| QALYe | 0.291 (0.001) | 0.294 (0.001) | 0.294 (0.001) | 0.294  (0.001) | 0.003\*\*  (0.001, 0.005) | 0.003  (0.000,0.005) | 0.003\*  (0.001,0.005) |
| Costsf | 280 (16) | 233 (11) | 226 (13) | 239 (15) | -47\*  (-85, -10) | -54\*\*  (-94, -15) | -41  (-84, 2) |
| ICER | - | - | - | - | -16 700  (-67 900, -3 400) | -20 500  (437 100, -5 200) | -13 600  (-64 400, 477) |

aSUR+two-stage bootstrap results present the bootstrapped group means, unadjusted for covariates

bSUR analyses: Estimated marginal means, cluster-adjusted standard errors

cSUR+two-stage bootstrap results are presented with bias-corrected and accelerated confidence intervals

dSUR+two-stage bootstrap analyses were carried out separately for the CBA and PCA subgroups

e Estimates from SUR equation for QALY adjusted for mother’s age, history of PND, living arrangement (alone or with others), any history of major life events, baseline EPDS score, number of other children in the family, whether the mother was economically active, baseline utility

f Estimates from SUR equation for costs adjusted for mother’s age, history of PND, living arrangement (alone or with others), any history of major life events, baseline EPDS score, number of other children in the family, whether the mother was economically active, baseline utility

g Rounded to nearest 100

hTen complete datasets used in the analyses

\*p<0.05

\*\*p<0.01