|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supplement Table S2. Univariable logistic and linear regression to assess the association between possible risk factors and HADS, at 6 weeks postpartum and at follow-up, and PCL-5 score at follow-up. | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
| Univariable logistic regression | **HADS 6 weeks postpartum:**  **Anxiety score ≥8** | | | **HADS 6 weeks postpartum:**  **Depression score ≥8** | | **HADS at follow-up:**  **Anxiety score ≥8** | | | **HADS at follow-up:**  **Depression score ≥8** | | **PCL-5 score at follow-up ≥31** | |
|  | **OR** | **95% CI** | | **OR** | **95% CI** | **OR** | **95% CI** | | **OR** | **95% CI** | **OR** | **95% CI** |
|  |  |  | |  |  |  |  | |  |  |  |  |
| -Maternal age | 0.86\* | 0.74;1.00 | | 0.90 | 0.78;1.05 | 0.91\* | 0.82;1.01 | | 0.84^ | 0.73;0.96 | 0.91 | 0.80;1.03 |
| -Educational attainment a | 3.81\* | 0.86;16.94 | | 3.94 | 0.70;22.15 | 0.96 | 0.33;2.84 | | 3.30\* | 0.96;11.31 | 3.13\* | 0.83;11.75 |
| -Ethnicity (western or not) | 1.65 | 0.26;10.38 | | 6.17\* | 1.00;37.98 | 0.46 | 0.11;1.88 | | 1.36 | 0.35;5.22 | 2.10 | 0.53;8.38 |
| -History of mental health disease b | 4.11\* | 0.86;19.68 | | 0.51 | 0.06;4.69 | 0.72 | 0.20;2.65 | | 2.19 | 0.61;7.94 | 2.04 | 0.53;7.92 |
| -HADS at inclusion MOTHER study | 1.06 | 0.96;1.16 | | 1.10 | 0.98;1.23 | 1.09\* | 1.00;1.19 | | 1.14^ | 1.02;1.27 | 1.20^ | 1.04;1.39 |
| -History of any traumatic event | - | - | | - | - | 3.63^ | 1.29;10.20 | | 3.08^ | 1.05;9.03 | 1.99 | 0.64;6.26 |
| -Had another HG pregnancy between MOTHER and follow-up participationc | - | - | | - | - | 2.74^ | 1.04;7.20 | | 1.41 | 0.50;3.96 | 1.00 | 0.33;3.04 |
|  | | | | | | | | | | | | |
| Univariable linear regression | **Total HADS 6 weeks postpartum** | | | | | **Total HADS at follow-up ʃ** | | | | | **PCL-5 score at follow-up ʃ** | |
|  | ***β*** | | **95% CI** | | | ***β*** | | **95% CI** | | | ***β*** | **95% CI** |
|  |  | |  | | |  | |  | | |  |  |
| -Maternal age | -0.38^ | | -0.73;-0.02 | | | -4.11^ | | -7.41;-0.70 | | | -2.66 | -8.06;3.15 |
| -Educational attainment a | 4.38^ | | 0.65;8.11 | | | 20.93 | | -16.81;75.77 | | | 55.12 | -15.04;182.92 |
| -Ethnicity (western or not) | 6.16^ | | 0.82;11.50 | | | -1.78 | | -36.43;51.59 | | | -11.93 | -57.13;80.76 |
| -History of mental health disease b | 3.29 | | -1.47;8.05 | | | -6.39 | | -40.19;46.52 | | | 3.67 | -49.39;112.55 |
| -HADS at inclusion MOTHER study | 0.27^ | | 0.07;0.48 | | | 3.67^ | | 1.21;6.08 | | | 5.65^ | 1.31;10.08 |
| -History of any traumatic event | - | | - | | | 55.12^ | | 10.08;118.37 | | | 71.94\* | -0.50;197.13 |
| -Had another HG pregnancy between MOTHER and follow-up participationc | - | | - | | | 45.94^ | | 5.65;101.58 | | | 4.08 | -38.37;75.77 |
|  |  | |  | | |  | |  | | |  |  |

\* *P*-value <0.1; ^ *P*-value <0.05. OR is the odds ratio. *β* unstandardized regression coefficient. 95% CI: 95% confidence interval. **ʃ** log transformed, back transformed and expressed as percentages of differences. a Educational attainment: finished primary or secondary school or finished higher education. b History of mental health disease can consist of a depressive, anxiety, PTSD or eating disorder. c HG defined as: if vomiting symptoms occurred with either multiple medication use, weight loss, hospital admission for HG, requiring tube feeding or whether nausea and vomiting symptoms affected their life and/or work. **Abbreviations:** HADS: Hospital Anxiety and Depression Scale. A higher HADS indicates more severe depression or anxiety symptoms whereas a depression or anxiety score ≥8 is considered borderline/abnormal. HG: hyperemesis gravidarum, PCL-5: post-traumatic stress disease (PTSD) checklist for the DSM-5. A higher PCL-5 score indicates more severe PTSD symptoms whereas a PCL-5 score ≥31 indicates PTSD.