Table 2.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Trimester** | **Questionnaires** | **Subscalesa** | **No depression X (SD)** | **Depression X (SD)** | ***t*** | ***p*** |
| Trimester 1 | PDQ |  | 13.96(6.45) | 15.81(5.65) | -0.96 | 0.35 |
|  | SCL-90-R | SOMS | 57.14(26.29) | 70.66(19.34) | -1.79 | 0.08 |
|  |  | DEP | 43.04(23.13) | 44.28(18.80) | -0.18 | 0.86 |
|  |  | ANX | 54.63(28.20) | 60.01(17.95) | -0.69 | 0.50 |
|  |  | GSI | 53.66(25.24) | 57.59(19.84) | -0.53 | 0.60 |
| Trimester 2 | PDQ |  | 12.57(5.54) | 14.25(4.40) | -1.04 | 0.31 |
|  | SCL-90-R | SOMS | 41.90(17.79) | 55.96(21.39) | -2.34 | 0.02\* |
|  |  | DEP | 30.04(18.72) | 47.33(23.60) | -2.68 | 0.01\* |
|  |  | ANX | 40.41(21.06) | 62.72(23.79) | -3.23 | 0.002\* |
|  |  | GSI | 41.22(21.78) | 58.22(25.17) | -2.35 | 0.02\* |
| Trimester 3 | PDQ |  | 11.25(4.37) | 14.75(3.79) | -2.68 | 0.01\* |
|  | SCL-90-R | SOMS | 50.19 (23.00) | 65.03 (24.66) | -2.01 | 0.051 |
|  |  | DEP | 44.24(27.15) | 59.60(22.80) | -1.91 | 0.06 |
|  |  | ANX | 55.50(26.58) | 66.43(25.90) | -1.32 | 0.19 |
|  |  | GSI | 55.63(29.84) | 68.44(27.21) | -1.41 | 0.17 |

\* Significant at the p <= .02 level

PDQ = Prenatal Distress Questionnaire; SCL-90-R = Symptom CheckList 90 Revised; SOMS = Somatisation;

DEP = Depression; ANX = Anxiety; GSI = Global Severity Index.

Table 3. Maternal hair cortisol levels and sex of the fetus.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Trimesters** | **Female fetus X(SD)** | **Male fetus X(SD)** | ***t*** | ***p*** |
| Trimester 1 | 5.50(.95) | 5.09(.56) | -1.81 | 0.08 |
| Trimester 2 | 5.30(.55) | 5.46(.40) | 1.11 | 0.27 |
| Trimester 3 | 5.67(.54) | 5.79(.52) | 0.70 | 0.49 |

Note. Hair cortisol levels are log transformed values

Table 1. Differences in sociodemographic, obstetrics variables and depression symptomatology

between women with postpartum depression and without postpartum depression.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **No depression X(SD)/%** | **Depression X(SD)/%** | **Test a** | **p** |
| **Socio-demographic variables** | | | | | |
| Age | | 32.11(4.06) | 32.94(3.62) | -0.68 | 0.50 |
| Nationality | Spanish | 24(85.70%) | 4(25.0%) | 0.79 | 0.38 |
| Immigrant | 4(14.3.60%) | 12(75.0%) |
| Employment situation | Working | 23(82.1%) | 11(68.8%) | 1.04 | 0.31 |
| Unemployed | 5(17.9%) | 5(31.2%) |
| Occupation | Health | 8(28.6.%) | 5(31.2%) | -2.57 | 0.79 |
| Education | 7(25.0%) | 2(12.5%) |
| Other | 3(46.4%) | 9(36.2%) |
| Level of education | Primary school |  | 1(6.3%) | 3.90 | 0.14 |
| Secondary school | 4(14.3%) | 5(31.2%) |
| University school | 24(85.7%) | 10(62.5%) |
| Sport | Yes | 19(67.9%) | 7(43.8%) | 2.45 | 0.12 |
| No | 9(32.1%) | 9(56.2%) |
| Pet | Yes | 8(28.6%) | 8(50%) | 2.02 | 0.16 |
| No | 20(71.4%) | 8(50%) |
| Hair aspect | Nature | 13(46.4%) | 6(37.5%) | 0.33 | 0.57 |
| Dyed | 15(53.6%) | 10(62.5%) |
| **Obstetric information** | | | | | |
| Primiparous | Yes | 20(71.4%) | 8(50%) | 2.02 | 0.16 |
| No | 8(28.6%) | 8(50%) |
| Wanted pregnancy | Yes | 24(85.7%) | 13(81.2%) | 0.15 | 0.70 |
| No | 4(14.3%) | 3(18.8%) |  |  |
| Pregnancy method | Spontaneous | 22(78.6%) | 13(81.2%) | 0.04 | 0.83 |
| Fertility treatment | 6(21.4%) | 3(18.8%) |
| Previous miscarriages | Yes | 4(14.3%) | 7(43.8%) | 4.71 | 0.03\* |
| No | 24(85.7%) | 9(56.2%) |
| Sex of the fetus | Female | 7(25%) | 10(62.5%) | 6.04 | 0.01\* |
| Male | 21(75%) | 6(37.5%) |
| **Depression** | | | | | |
| Antenatal depression | 1st trimester | 4(36,36%) | 1 (10%) | 0.65 | 0.41 |
| 2ndt trimester | 2(18,18%) | 4(40%) | 2.75 | 0.09 |
| 3rd trimester | 5(45,45%) | 5(50%) | 1.04 | 0.30 |
| Postnatal depression (EPDS) | < 10 scores | 28(100%) | 0 |  | |
| >=10 scores | 0 | 16(100%) |