**Supplementary Material**

**Table 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Women with multiple episodes of MD during the study (n=75) | | | | | | |
|  |  |  |  |  |  |  |
|  | All | | no lifetime MDD at BL | | lifetime MDD at BL | |
| MDE occurred at | n | % | N | % | N | % |
| pre only | 1 | 1.33 | 0 | 0.00 | 1 | 1.96 |
| peri only | 10 | 13.33 | 5 | 20.83 | 5 | 9.80 |
| post only | 18 | 24.00 | 8 | 33.33 | 10 | 19.61 |
| both pre & peri | 5 | 6.67 | 1 | 4.17 | 4 | 7.84 |
| both pre & post | 7 | 9.33 | 1 | 4.17 | 6 | 11.76 |
| both peri & post | 28 | 37.33 | 8 | 33.33 | 20 | 39.22 |
| pre & peri & post | 6 | 8.00 | 1 | 4.17 | 5 | 9.80 |
|  | 75 |  | 24 |  | 51 |  |
|  | | | | | | |

Multiple episodes of MDE occurred in **75 (58**%) women: 24 women without lifetime MDD and 51 with lifetime MDD. Among women who had multiple episodes during only one stage of the MT, 2/3 had these when they were postmenopausal. Among women who had multiple episodes in more than one stage, 60% had these when they were perimenopausal and postmenopausal. perimenopausal and postmenopausal.

Table 2a – Participants **without lifetime MDD** at baseline (N = 222)

Association of Stress and MDE where current stressor and childhood maltreatment were in the same model (Each type of childhood maltreatment was in a separate model with the current stressor)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Current stressor** | **Childhood**  **Maltreatment** | **OR for**  **Current stressor** | **OR for**  **Childhood maltreatment** | **OR for Menopausal status** | |
| **Perimenopause** | **Postmenopause/BSo** |
| Any Chronic  Ongoing event | Emotional abuse  Physical abuse  Sexual abuse  Emotional neglect  Physical neglect | 4.75 (2.85, 7.89) \*\*  4.88 (2.92, 8.16) \*\*  5.09 (3.01, 8.61) \*\*  4.84 (2.90, 8.08) \*\*  4.86 (2.89, 8.16) \*\* | 1.82 (0.84, 3.93)  1.83 (0.85, 3.95)  0.51 (0.17, 1.54)  1.07 (0.29, 3.88)  1.00 (0.45, 2.19) | 4.40 (1.52,12.68) \*\*  4.70 (1.71,12.95) \*\*  4.57 (1.59,13.18) \*\*  4.46 (1.55,12.82) \*\*  4.47 (1.56,12.83) \*\* | 4.25 (0.99,18.27)  4.54 (1.14,18.13) \*  4.27 (1.03,17.64) \*  4.25 (1.01,17.87) \*  4.28 (1.02,17.97) \* |
| At least 1 Stressful event | Emotional abuse  Physical abuse  Sexual abuse  Emotional neglect  Physical neglect | 3.15 (1.97, 5.03) \*\*  3.16 (1.97, 5.05) \*\*  3.28 (2.05, 5.24) \*\*  3.27 (2.08, 5.15) \*\*  3.27 (2.05, 5.20) \*\* | 1.57 (0.73, 3.35)  1.69 (0.81, 3.54)  0.84 (0.31, 2.33)  1.18 (0.23, 5.93)  0.90 (0.41, 1.99) | 4.35 (1.43,13.22) \*\*  4.60 (1.62,13.08) \*\*  4.46 (1.49,13.42) \*\*  4.39 (1.45,13.31) \*\*  4.44 (1.48,13.36) \*\* | 4.41 (0.97,19.98)  4.61 (1.10,19.33) \*  4.50 (1.02,19.83) \*  4.42 (0.99,19.71)  4.51 (1.02,19.95) \* |

\* P < 0.05, \*\* p < 0.01

Covariates = age, race, medication for nervous condition

Premenopause is the reference group for perimenopause and postmenopause/bilateral salpingectomy

Table 2b – Participants **with lifetime MDD** at baseline (N = 111)

Association of Stress and MDE where current stressor and childhood maltreatment were in the same model (Each childhood maltreatment was in a separate model with the current stressor)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Current stressor** | **Childhood**  **Maltreatment** | **OR for**  **Current**  **stressor** | **OR for**  **Childhood maltreatment** | **OR for Menopausal status** | |
| **Perimenopause** | **Postmenopause/BSO** |
| Any Chronic  Ongoing event | Emotional abuse  Physical abuse  Sexual abuse  Emotional neglect  Physical neglect | 2.46 (1.73, 3.50) \*\*  2.48 (1.73, 3.56) \*\*  2.41 (1.66, 3.52) \*\*  2.46 (1.73, 3.48) \*\*  2.49 (1.74, 3.57) \*\* | 1.78 (1.06, 2.98) \*  2.12 (1.19, 3.78) \*  2.14 (1.27, 3.62) \*\*  3.54 (1.49, 8.42) \*\*  1.98 (1.05, 3.73) \* | 0.99 (0.52,1.87)  0.89 (0.47,1.68)  0.95 (0.51,1.76)  1.16 (0.60,2.24)  1.06 (0.56,2.01) | 1.36 (0.59,3.16)  1.26 (0.54,2.93)  1.37 (0.60,3.13)  1.79 (0.76,4.22)  1.52 (0.65,3.55) |
| At least 1 Stressful event | Emotional abuse  Physical abuse  Sexual abuse  Emotional neglect  Physical neglect | 2.64 (1.85, 3.76) \*\*  2.78 (1.93, 4.01) \*\*  2.65 (1.86, 3.78) \*\*  2.79 (1.93, 4.05) \*\*  2.85 (1.96, 4.15) \*\* | 1.59 (0.96, 2.63)  1.97 (1.12, 3.46) \*  2.05 (1.26, 3.33) \*\*  3.27 (1.29, 8.29) \*  1.92 (1.02, 3.61) \* | 0.92 (0.49,1.70)  0.83 (0.44,1.53)  0.87 (0.47,1.58)  1.04 (0.53,2.06)  0.97 (0.52,1.83) | 1.81 (0.80,4.10)  1.58 (0.70,3.57)  1.66 (0.75,3.67)  2.18 (0.89,5.34)  1.92 (0.83,4.42) |

\* P < 0.05, \*\* p < 0.01

Covariates = age, race, medication for nervous condition, paying for basics

Hormone Therapy use was also included in the models for at least 1 stressful event.

Premenopause is the reference group for perimenopause and postmenopause/bilateral salpingectomy.