**Supplemental Digital Content 1:** **Association of menopausal status, HT use and odds of CESD-10 depressive symptoms for women aged 45 to 64 years (weighted analysis)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **N** | **Depressed (N)** | **Unadjusted OR (95%CI) a** | **Adjusted OR (95%CI) b** |
| ***All Women***  | 10780 | 3385 |   |  |
| Menopausal Status |  |  |  |
|  Premenopausal  | 3385 | 762 | 0.96 (0.87, 1.07) | 1.08 (0.92, 1.26) |
|  Postmenopausal  | 7395 | 1674 | Ref | Ref |
| Current HT Use  |  |  |  |
|  No | 9662 | 2165 |  |  |
|  Yes | 1060 | 258 | 1.09 (0.94, 1.27) | 1.21 (1.02, 1.44) |
| Age | 10780 | 3385 | 1.00 (1.00, 1.01) | 0.98 (0.97, 1.00) |
| ***Postmenopausal Women***  | 7268 | 1646 |  |  |
| Years Since Menopause |  |  |
|  <5years postmenopausal | 2241 | 480 | 0.79 (0.69, 0.91) | 0.99 (0.77, 1.28) |
|  5-9 years postmenopausal | 2530 | 511 | 0.76 (0.66, 0.87) | 0.91 (0.75, 1.09) |
|  ≥10 years postmenopausal | 7497 | 655 | Ref | Ref |
| Onset of Menopause |  |  |
|  Premature (<40 years) | 276 | 126 | 2.21 (1.75, 2.79) | 1.45 (1.07, 1.97) |
|  Early (40-45 years) | 982 | 250 | 1.15 (0.98, 1.36) | 0.97 (0.78, 1.21) |
|  Normal (46-55 years) | 5518 | 1186 | Ref | Ref |
|  Late onset (≥56 years)  | 492 | 84 | 0.79 (0.62, 1.01) | 0.81 (0.61, 1.09) |
| ***Current HT Users Only*** | 1060 | 258 |  |  |
| Duration of current HT Use |  |  |
|  <5 years | 629 | 150 | 0.84 (0.59, 1.21) | 1.1 (0.72, 1.69) |
|  5-9 years | 228 | 50 | 0.78 (0.50, 1.23) | 1.12 (0.67, 1.85) |
|  ≥10 years | 203 | 58 |  Ref | Ref |

HT: Hormone therapy, CESD-10: Center for Epidemiologic Studies Depression Scale

a = unadjusted

b = adjusted for age, education level, household income, marital status, body mass index, smoking status, alcohol consumption in past 12 months, social support (affectionate social interaction, emotional and informational support, positive social interaction, tangible social support) and social participation.