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| **Supplemental Table 1. Characteristics of AACES controls by tubal ligation status** |
|  | **Tubal Ligation** |  |
|  | **Yes**(*n = 298*) | **No**(*n = 444*) |  |
|  | ***n*** | **(%)** | ***n*** | **(%)** | ***p* value** |
| **Age at diagnosis/interview (years)** |  |  |  |  | <0.01 |
|  <40 | 17 | (5.7) | 62 | (14.0) |  |
|  40-59 | 162 | (54.4) | 234 | (52.7) |  |
|  60-79 | 119 | (39.9) | 148 | (33.3) |  |
| **Mean age at interview (years) (SD)** | 56.6 | (9.4) | 53.9 | (12.9) | <0.01 |
| **Education** |  |  |  |  | <0.01 |
|  High school or less | 133 | (44.6) | 143 | (32.2) |  |
|  Some post high school training | 87 | (29.2) | 120 | (27.0) |  |
|  College or graduate degree | 78 | (26.2) | 181 | (40.8) |  |
| **Marital status** |  |  |  |  | 0.02 |
|  Never married | 57 | (19.1) | 126 | (28.4) |  |
|  Currently married/living with partner | 135 | (45.3) | 173 | (39.0) |  |
|  Divorced, separated, or widowed | 106 | (35.6) | 145 | (32.7) |  |
| **Body mass index (kg/m2)** |  |  |  |  | 0.05 |
|  <25 (under- and normal weight) | 44 | (14.8) | 96 | (21.6) |  |
|  25-29.9 (overweight) | 78 | (26.2) | 117 | (26.4) |  |
|  30+ (obese) | 176 | (59.1) | 231 | (52.0) |  |
| **Parity (# of live births)** |  |  |  |  | <0.01 |
|  0 | 5 | (1.7) | 91 | (20.5) |  |
|  1 | 25 | (8.4) | 114 | (25.7) |  |
|  2 | 101 | (33.9) | 97 | (21.9) |  |
|  3+ | 167 | (56.0) | 142 | (32.0) |  |
| **Oral contraceptive use** |  |  |  |  | 0.45 |
|  Never | 56 | (18.8) | 100 | (22.5) |  |
|  <60 months | 139 | (46.6) | 193 | (43.5) |  |
|  60+ months | 103 | (34.6) | 151 | (34.0) |  |
| **History of endometriosis** |  |  |  |  | 0.24 |
|  Yes | 10 | (3.4) | 23 | (5.2) |  |
|  No | 288 | (96.6) | 421 | (94.8) |  |
| **Premenopausal hysterectomy** |  |  |  |  | 0.06 |
|  Yes | 77 | (25.8) | 89 | (20.1) |  |
|  No | 221 | (74.2) | 355 | (80.0) |  |
| **Age at menarche (years)** |  |  |  |  | 0.02 |
|  <12 | 65 | (21.8) | 132 | (29.7) |  |
|  12+ | 233 | (78.2) | 312 | (70.3) |  |
| **Menopausal status** |  |  |  |  | 0.01 |
|  Premenopausal | 74 | (24.8) | 150 | (33.8) |  |
|  Postmenopausal | 224 | (75.2) | 294 | (66.2) |  |
| **Hormone therapy1** |  |  |  |  | 0.49 |
|  Ever use | 53 | (23.7) | 62 | (21.1) |  |
|  Never use | 171 | (76.3) | 232 | (78.9) |  |
| **First degree family history of breast or ovarian cancer** |  |  |  |  | 0.03 |
|  Yes | 63 | (21.1) | 66 | (14.9) |  |
|  No | 235 | (78.9) | 378 | (85.1) |  |
| **Smoking** |  |  |  |  | 0.28 |
|  Ever | 132 | (44.3) | 179 | (40.3) |  |
|  Never | 166 | (55.7) | 265 | (59.7) |  |
| **Body powder use** |  |  |  |  | 0.09 |
|  Never use | 132 | (44.3) | 217 | (48.9) |  |
|  Genital use | 98 | (32.9) | 154 | (34.7) |  |
|  Non-Genital use | 68 | (22.8) | 73 | (16.4) |  |
| 1 Restricted to postmenopausal women |