

| Supplemental Table 1. Comparison of demographic characteristics between women recommended for treatment and included vs. women recommended for treatment and excluded due to missing covariates | | | | | | |
|---|----------------------------------|------------------------------------|---------|-------------------------------------|------------------------------------|---------|
| | Recommended for radiation, n (%) | | | Recommended for chemotherapy, n (%) | | |
| | Included in analysis n=75,447 | Excluded from analysis n=44,686 | p | Included in analysis 60187 | Excluded from analysis n=38,170 | p |
| Race | | | <0.0001 | | | <0.0001 |
| White | 66,431 (88.1) | 38,598 (86.4) | | 50,094 (83.2) | 31,063 (81.4) | |
| Black | 9,016 (11.9) | 6,088 (13.6) | | 10,093 (16.8) | 7,107 (18.6) | |
| Age at diagnosis | | | <0.0001 | | | <0.0001 |
| <50 | 4,195 (5.6) | 4,558 (10.2) | | 3,765 (6.3) | 5,522 (14.5) | |
| 50-69 | 46,494 (61.6) | 24,818 (55.5) | | 37,743 (62.7) | 22,156 (58.1) | |
| ≥70 | 24,758 (32.8) | 15,310 (34.3) | | 18,679 (31.0) | 10,492 (27.5) | |
| Charlson Comorbidity Score | | | <0.0001 | | | <0.0001 |
| 0 | 57,121 (75.7) | 32,483 (72.7) | | 45,474 (75.6) | 28,858 (75.6) | |
| 1 | 14,579 (19.3) | 8,761 (19.6) | | 11,692 (19.4) | 7,080 (18.6) | |
| ≥2 | 3,747 (5.0) | 3,442 (7.7) | | 3,021 (5.0) | 2,232 (5.9) | |
| Insurance | | | <0.0001 | | | <0.0001 |
| None | 2,016 (2.7) | 1,421 (3.2) | | 1,852 (3.1) | 1,547 (4.1) | |
| Private | 33,101 (43.9) | 17,877 (40.0) | | 26,249 (43.6) | 17,170 (45.0) | |
| Medicaid | 3,118 (4.1) | 2,741 (6.1) | | 2,873 (4.8) | 2,828 (7.4) | |
| Medicare | 35,428 (47.0) | 21,571 (48.3) | | 27,787 (46.2) | 15,644 (41.0) | |
| Other Government | 601 (0.8) | 341 (0.8) | | 519 (0.9) | 316 (0.8) | |
| Insurance Status Unknown | 1,183 (1.6) | 735 (1.6) | | 907 (1.5) | 665 (1.7) | |



Supplemental Table 2. Odds ratios (ORs) and 95% confidence intervals (CIs) for associations between race and refusal of adjuvant treatment in models stratified by histology, National Cancer Database 2004-2015

| Radiation | | | | | | |
|--|------------------------------------|-------------------------------------|--------------------|---------------------------|-----------------------------|-----------------------|
| | Low-grade endometrioid n=36,400 | High-grade endometrioid n=15,749 | Serous n=8,202 | Carcinosarcoma n=5,959 | Mixed epithelial n=7,245 | Clear cell n=1,892 |
| Race | aOR (95% CI) | | | | | |
| NHW | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| NHB | 0.86 (0.71, 1.04) | 0.93 (0.73, 1.18) | 1.36 (1.07, 1.72) | 0.87 (0.67, 1.13) | 1.11 (0.84, 1.48) | 1.52 (0.91, 2.55) |
| Chemotherapy | | | | | | |
| | Low-grade endometrioid n=15,626 | High-grade endometrioid n=10,908 | Serous n=14,473 | Carcinosarcoma n=8,883 | Mixed epithelial n=7,902 | Clear cell n=2,395 |
| Race | aOR (95% CI) | | | | | |
| NHW | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| NHB | 1.20 (0.98, 1.46) | 1.07 (0.87, 1.31) | 1.51 (1.27, 1.81) | 1.19 (0.98, 1.44) | 1.12 (0.88, 1.44) | 1.51 (1.01, 2.25) |
| Multivariable aOR adjusted for: race (White, Black), age (≤ 50 , 50-69, ≥ 70), Charlson comorbidity score (0, 1, ≥ 2), insurance (None, Private, Medicaid, Medicare, Other Government), income ($< \$48,000$ $\geq \$48,000$), education ($\geq 21\%$, 13%-20.9%, 7%-12.9%, $< 7\%$), hospital facility type (Community Cancer Program, Comprehensive Community Cancer Program, Academic/Research Program, Integrated Network Cancer Program, unknown), hospital facility location (Northeast, South, Midwest, Mountain, Pacific), stage (I, II, III, IV), chemotherapy (no, yes, unknown) in radiation analysis, and radiation (no, yes, unknown) in chemotherapy analysis | | | | | | |