

Supplementary Table 1. Factors Related to Adherence to the USMSTF Guidelines in Univariable Analyses within Adenoma Cases

| | 5-10 TAs | | TA ≥ 10 mm | | TVA or VA | | Adenoma with HGD | |
|--------------------------------|--------------------|---------|---------------------|---------|--------------------|---------|---------------------|---------|
| | OR (95% CI) | P-value | OR (95% CI) | P-value | OR (95% CI) | P-value | OR (95% CI) | P-value |
| Female sex | 1.91 (0.98-3.73) | 0.058 | 1.06 (0.55-2.04) | 0.867 | 1.52 (0.79-2.95) | 0.212 | 0.62 (0.28-1.40) | 0.254 |
| Age | | | | | | | | |
| < 40 yr | 1 (reference) | | 1 (reference) | | 1 (reference) | | 1 (reference) | |
| 40-49 yr | 0.70 (0.36-1.33) | 0.272 | 0.82 (0.45-1.52) | 0.536 | 0.64 (0.35-1.19) | 0.162 | 0.73 (0.35-1.53) | 0.403 |
| ≥ 50 yr | 1.10 (0.48-2.55) | 0.817 | 1.43 (0.62-3.27) | 0.402 | 0.95 (0.42-2.17) | 0.909 | 2.37 (1.00-5.62) | 0.049 |
| Secondary or tertiary center | | | | | | | | |
| Primary facility | 1 (reference) | | 1 (reference) | | 1 (reference) | | 1 (reference) | |
| Secondary facility | 3.46 (0.86-13.83) | 0.080 | 3.97 (1.37-11.48) | 0.011 | 4.43 (1.44-13.63) | 0.009 | 5.41 (0.60-48.45) | 0.132 |
| Tertiary facility | 12.89 (3.76-44.19) | <0.001 | 11.51 (4.45-29.77) | <0.001 | 14.79 (5.36-40.79) | <0.001 | 25.51 (3.38-192.29) | 0.002 |
| Years in colonoscopy practice | | | | | | | | |
| < 4 yr | 1 (reference) | | 1 (reference) | | 1 (reference) | | 1 (reference) | |
| 4-9 yr | 0.32 (0.15-0.71) | 0.005 | 0.48 (0.23-1.02) | 0.056 | 0.28 (0.13-0.61) | 0.001 | 0.44 (0.18-1.06) | 0.068 |
| ≥ 10 yr | 0.60 (0.29-1.25) | 0.172 | 0.74 (0.36-1.53) | 0.421 | 0.47 (0.23-0.99) | 0.048 | 0.99 (0.46-2.15) | 0.978 |
| No. of performed colonoscopies | | | | | | | | |
| < 50/mo | 1 (reference) | | 1 (reference) | | 1 (reference) | | 1 (reference) | |
| 50-99/mo | 1.01 (0.49-2.07) | 0.982 | 1.62 (0.81-3.23) | 0.172 | 1.26 (0.64-2.51) | 0.504 | 1.16 (0.49-2.73) | 0.736 |
| ≥ 100/mo | 1.09 (0.52-2.30) | 0.816 | 1.66 (0.81-3.41) | 0.167 | 1.35 (0.66-2.77) | 0.407 | 2.46 (1.07-5.65) | 0.034 |
| No. of performed polypectomies | | | | | | | | |
| < 50/mo | 1 (reference) | | 1 (reference) | | 1 (reference) | | 1 (reference) | |
| 50-99/mo | 3.89 (0.44-34.69) | 0.224 | 11.38 (1.28-101.22) | 0.029 | 8.47 (0.96-75.08) | 0.055 | 724,178,715 (0-∞) | 0.999 |
| ≥ 100/mo | 4.00 (0.35-45.38) | 0.263 | 5.83 (0.53-64.82) | 0.151 | 4.00 (0.35-45.38) | 0.263 | 923,138,912 (0-∞) | 0.999 |

USMSTF, U.S. Multi-Society Task Force on Colorectal Cancer; TA, tubular adenoma; TVA, tubulovillous adenoma; VA, villous adenoma; HGD, high-grade dysplasia; OR, odds ratio; CI, confidence interval.