**Supplemental Table 1. Type of first CRC screening test among persons screened, by HIV status – Kaiser Permanente Northern California, 2005-2016**

|  |  |  |
| --- | --- | --- |
| **Type of CRC screening test** | **Persons with HIV n (%)**  **N=2,223** | **Persons without HIV n (%) N=19,264** |
| FIT | 1,844 (83.0) | 16,098 (83.6) |
| Sigmoidoscopy | 265 (11.9) | 2,284 (11.9) |
| Colonoscopy | 114 (5.1) | 882 (4.6) |

**Supplemental Table 2. Association of HIV-specific factors with detection of adenoma or invasive colorectal cancer at sigmoidoscopy or colonoscopy CRC screening, among persons with HIV (N=822) – Kaiser Permanente Northern California, 2005-2016**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **HIV-specific factors** | **Unadjusted** | | **Adjusted1** | |
|  | **Prevalence ratio (95% CI)** | **p** | **Prevalence ratio  (95% CI)** | **p** |
| Duration of HIV infection  ≥20 years  10-20 years  <10 years | Ref 1.01 (0.77-1.32)  0.80 (0.45-1.42) | 0.94  0.45 | Ref  0.86 (0.65-1.13)  0.72 (0.42-1.26) | 0.28  0.25 |
| Nadir CD4 T cell count (cells/µl, SD)2  ≥500  200-499  <200 | Ref  0.86 (0.61-1.22)  0.88 (0.62-1.25) | 0.40  0.47 | Ref  0.82 (0.58-1.18)  0.93 (0.57-1.54) | 0.29  0.78 |
| Current CD4 T cell count (cells/µl, SD)  ≥500  200-499  <200 | Ref  1.16 (0.88-1.52)  0.60 (0.18-2.06) | 0.30  0.42 | Ref  1.27 (0.93-1.74)  0.57 (0.16-1.99) | 0.14  0.38 |
| Prior antiretroviral therapy | 1.05 (0.48-2.32) | 0.90 | 0.85 (0.42-1.73) | 0.66 |
| Prior AIDS diagnosis | 0.92 (0.71-1.19) | 0.53 | 0.85 (0.59-1.23) | 0.39 |

1Adjusted for sex, age, race/ethnicity, number of outpatient visits in year prior start of follow-up, smoking status (never, past, current), BMI category (normal, underweight, overweight, obese), type-2 diabetes and IBD diagnosed after start of follow-up. Non-HIV factors were not significantly associated with CRC screening and are not shown.

2 Lowest recorded in Kaiser Permanente electronic health records.