|  |  |  |  |
| --- | --- | --- | --- |
| **Supplemental Table 4. Model Performance at Different Sensitivity Thresholds for CRC Detection Among Patients with Signs or Symptoms**  **(CRC Model Only)** | | | |
| **Performance Characteristic** | **Sensitivity of CRC Detection** | | |
| **100%** | **99%** | **95%** |
| % missed CRC | 0 | 0.7 | 5 |
| % missed HRA | 17.6 | 52.6 | 67.1 |
| % colonoscopies potentially avoided | 31.6 | 64.0 | 75.4 |

Example of Interpretation (100% Column):

At 100% sensitivity threshold for CRC detection, application of the primary model for CRC would lead to a miss rate of 0% for CRC and 17.6% for HRA while permitting avoidance of up to 31.6% of colonoscopies