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| **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