**Supplementary Table 7.** The deep learning system’s potential to reduce missed fractures across the Medicare-age population

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Clinician type** | **Estimated fractures in musculoskeletal radiographs** | **Fracture miss rate in Medicare-age population**  **unaided**  **(95% CI)** | **Fracture miss rate in Medicare-age population**  **aided**  **(95% CI)** | **Total missed fractures**  **unaided**  **(range from CI)** | **Total missed fractures**  **aided**  **(range from CI)** |
| Clinicians with extensive training in musculoskeletal imaging | 634,020 | 18  (14-21) | 11  (7-15) | 111,587  (88,129-135,046) | 65,772  (46,917-93,201) |
| Clinicians with limited training in musculoskeletal imaging | 41,001 | 26  (21-29) | 10  (7-13) | 9806  (8733-12,054) | 3275  (2706-5412) |
| **Total** |  | | | **121,393**  **(96,862-147,100)** | **69,047**  **(49,623-98,613)** |