**Table S2**. Expert diagnoses and certainty scores (left knees only).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **OA**  % | **Certainty scores**  **of OA knees**  mean (SD) | **No OA**  % | **Certainty scores**  **of no OA knees**  mean (SD) | **P value** |
| **GP-clin, N=530** | 42 | 68 (12) | 58 | 22 (14) | POA<0.001  Pno OA=0.777 |
| **GP-clin+rad, N=530** | 42 | 71 (14) | 58 | 23 (15) |
| **SP-clin, N=606** | 38 | 70 (12) | 62 | 21 (13) | POA<0.001  Pno OA=0.131 |
| **SP-clin+rad, N=606** | 46 | 75 (16) | 54 | 22 (15) |

OA, osteoarthritis; GP-clin, general practitioners’ diagnoses based on clinical data only ; GP-clin+rad, general practitioners’ diagnoses based on clinical and radiographic data;

SP-clin, secondary care physicians’ diagnoses based on clinical data only; SP-clin+rad, secondary care physicians’ diagnoses based on clinical and radiographic data;

POA, P values of paired-t tests are calculated between certainty scores of ‘consistent OA’ knees before and after viewing radiographs;

Pno OA, P values of t tests are calculated between certainty scores of ‘consistent no OA’ knees before and after viewing radiographs.