**Suplemmentary file 2**

Table 8. Interobserver agreement for anatomical region and elementary component at time T1

|  |  |  |
| --- | --- | --- |
|  | T1 | |
| Anatomical region\* | *k* | *p* value |
| Wrist  Effusion  HS  PD  Erosion | 0.6767  0.5102  0.5652  0.6387  0.7099 | <0.0001 |
| MCP  Effusion  HS  PD  Erosion | 0.6866  0.5167  0.5389  0.7680  0.6877 | <0.0001 |
| PIP  Effusion  HS  PD  Erosion | 0.7107  0.6054  0.6760  0.6804  0.9207 | <0.0001 |
| Elbow  Effusion  HS  PD  Erosion | 0.7291  0.6860  0.6382  0.4646  1.0000\* | <0.0001 |
| Shoulder  Effusion  HS  PD  Erosion | 0.7271  0.7007  0.6828  1.0000\*  0.8097 | <0.0001 |
| Knee  Effusion  HS  PD  Erosion | 0.7192  0.3638  0.4609  0.4733  1.0000\* | <0.0001 |
| TT  Effusion  HS  PD  Erosion | 0.8043  0.8377  0.7048  1.0000\*  1.0000\* | <0.0001 |
| MTP  Effusion  HS  PD  Erosion | 0.7040  0.4878  0.6062  0.6864  0.1408 | <0.0001 |

\*All observers rated this parameter as 0.

MCP: Metacarpophalangeal joints; MTP: Metatarsophalangeal joints; PIP: Proximal interphalangeal joints; TT: Tibiotalar joints; T1: First reading