| Readings | Rater | Readings in agreement (n) | Readings in agreement (%) | Cohen’s kappa (k, SE) | 95% CI kappa |
|----------|-------|---------------------------|----------------------------|----------------------|--------------|
| All (n=150) | 1     | 139                       | 93 %                       | 0.92 (0.02)          | 0.88 to 0.97 |
|          | 2     | 130                       | 87 %                       | 0.86 (0.03)          | 0.80 to 0.92 |
|          | 3     | 106                       | 71 %                       | 0.69 (0.04)          | 0.61 to 0.77 |
|          | 4     | 122                       | 81 %                       | 0.80 (0.03)          | 0.74 to 0.87 |
|          | 5     | 132                       | 88 %                       | 0.87 (0.03)          | 0.82 to 0.93 |
| Mean     |       | 126                       | 84 %                       | 0.83                 |              |
| Group 1 (n=64) | 1     | 64                        | 100 %                      | 1.00 (0.00)          | to           |
|          | 2     | 61                        | 95 %                       | 0.94 (0.03)          | 0.88 to 1.00 |
|          | 3     | 50                        | 78 %                       | 0.73 (0.06)          | 0.62 to 0.85 |
|          | 4     | 58                        | 91 %                       | 0.88 (0.05)          | 0.79 to 0.97 |
|          | 5     | 62                        | 97 %                       | 0.96 (0.03)          | 0.91 to 1.00 |
| Mean     |       | 59                        | 92 %                       | 0.90                 |              |
| Group 2 (n=86) | 1     | 75                        | 87 %                       | 0.86 (0.04)          | 0.78 to 0.94 |
|          | 2     | 69                        | 80 %                       | 0.79 (0.05)          | 0.70 to 0.88 |
|          | 3     | 56                        | 65 %                       | 0.63 (0.05)          | 0.53 to 0.74 |
|          | 4     | 64                        | 74 %                       | 0.73 (0.05)          | 0.63 to 0.83 |
|          | 5     | 70                        | 81 %                       | 0.80 (0.05)          | 0.71 to 0.89 |
Mean 67 77 % 0.76

SE, standard error of kappa; 95% CI kappa, 95% confidence interval for kappa

Group 1: Common and easily distinguishable anomalies: IA2vii Madelung deformity (n=11), IB2iii radial polydactyly (n=22), IB2vi ulnar polydactyly (n=10), IB4ia cutaneous (simple) syndactyly (n=7) and IIIC2i; isolated camptodactyly (n=14)

Group 2: all other anomalies