Supplementary materials

Figure S1. Acceptance rate of each pose estimation method for each keypoint.

*Note.* Error bars indicate standard error.
Figure S2. Estimation error distance of each pose estimation method for each keypoint.

*Note.* Error bars indicate standard error.
| Abbreviation | Description |
|--------------|-------------|
| AG           | antigravity score |
| AIC          | Akaike’s Information Criterion |
| EMA          | exponentially weighted moving average |
| EWMSD        | exponentially weighted moving standard deviation |
| FPS          | frame per second |
| JPAN         | Japanese Playful Assessment for Neuropsychological Abilities |
| OT           | occupational therapist |
| SPB          | static postural balance score |
| XAI          | explainable artificial intelligence |