# Subject S01 Gait Comparison
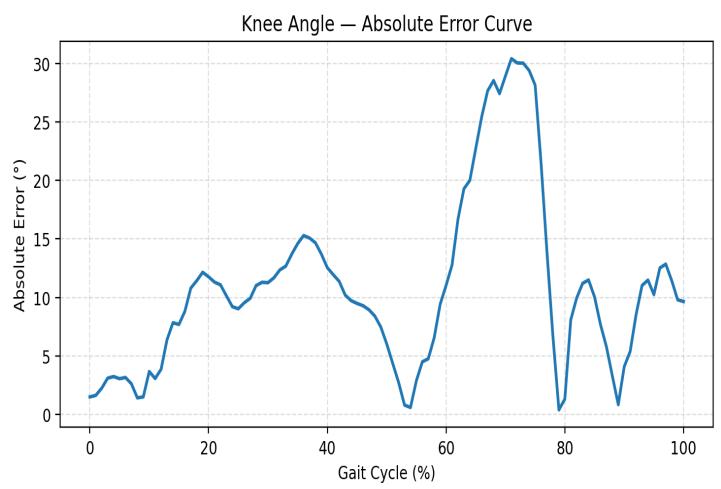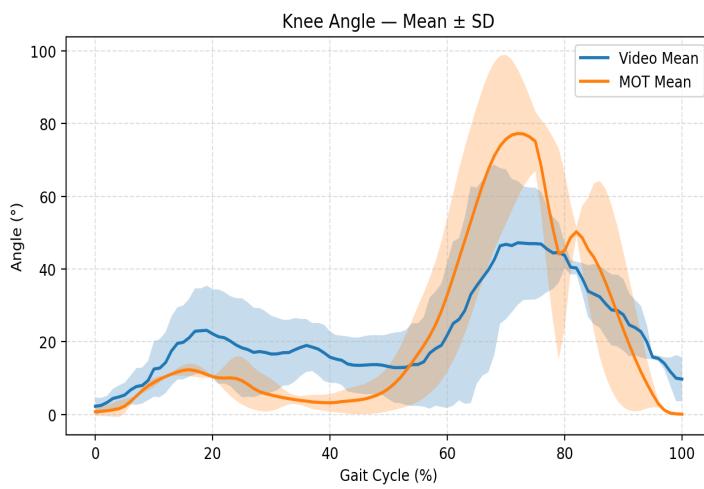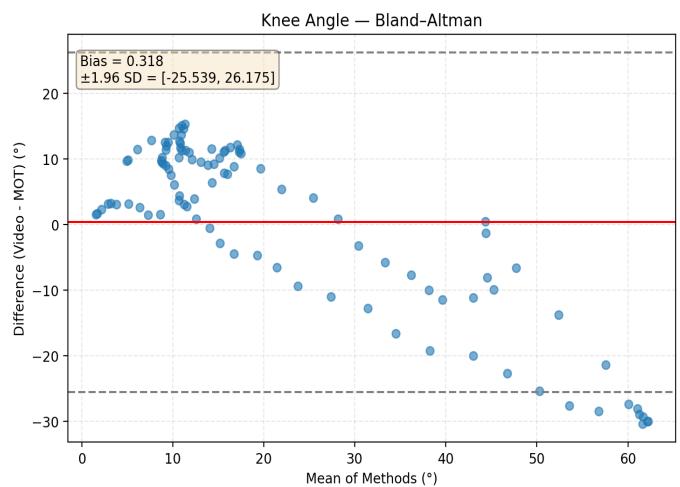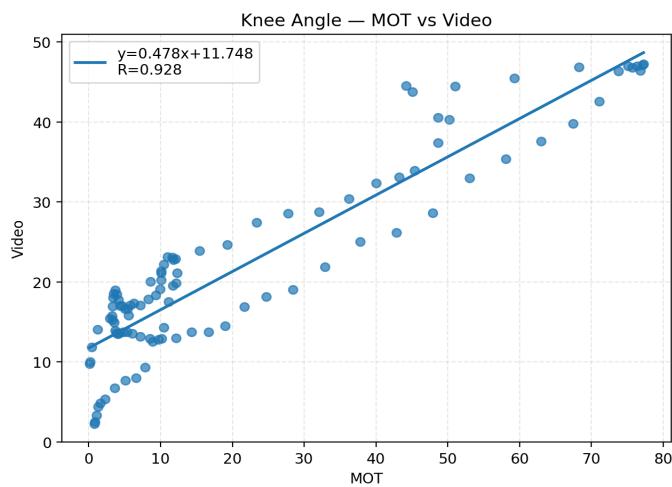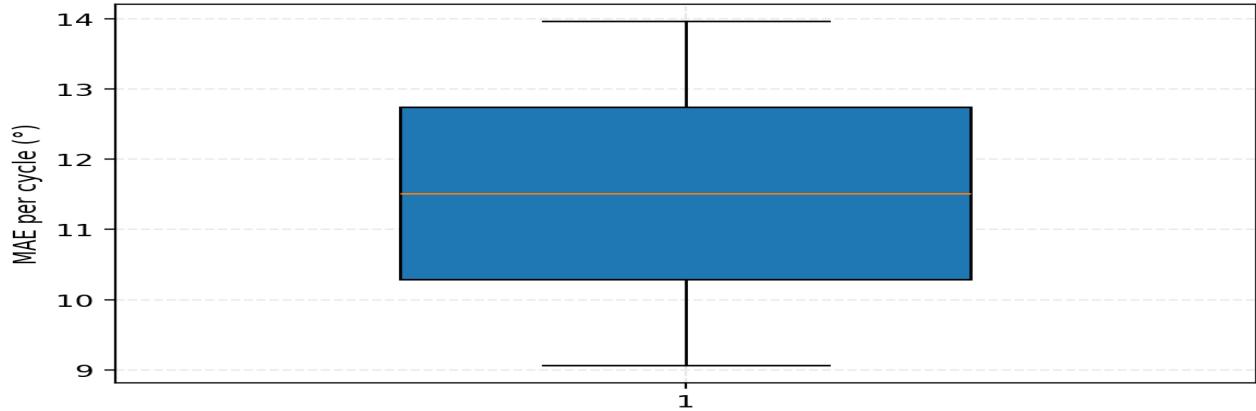
| Measure | N cycles | MAE (°) | Bias (°) | ICC_time | ICC_cycles | Pearson r | Cross-corr |
|---|---|---|---|---|---|---|---|
| Knee Angle | 2 | 10.771 | 0.318 | 0.757 | 0.905 | 0.928 | 0.932 |
| Hip Angle | 2 | 5.940 | -1.358 | 0.816 | -0.748 | 0.860 | 0.880 |
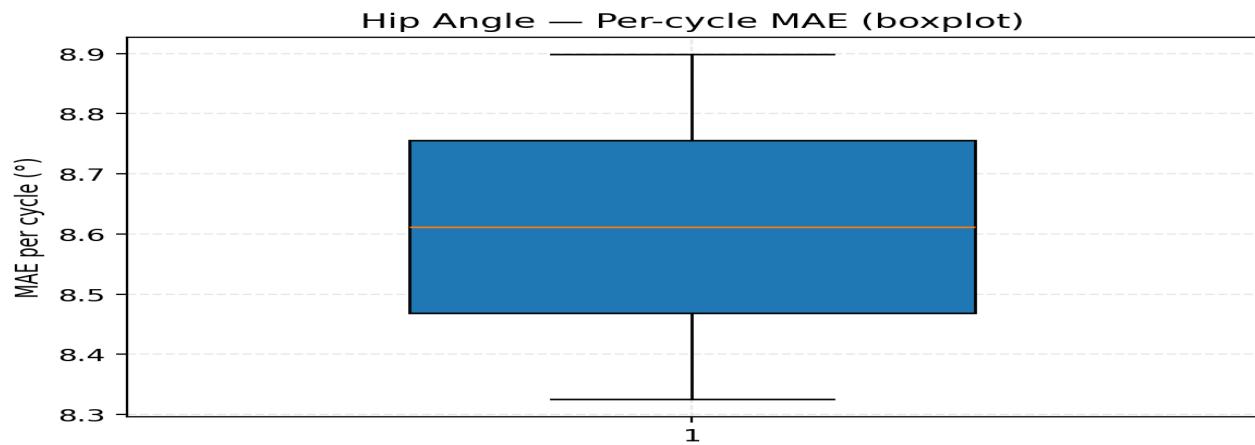
## Knee Angle
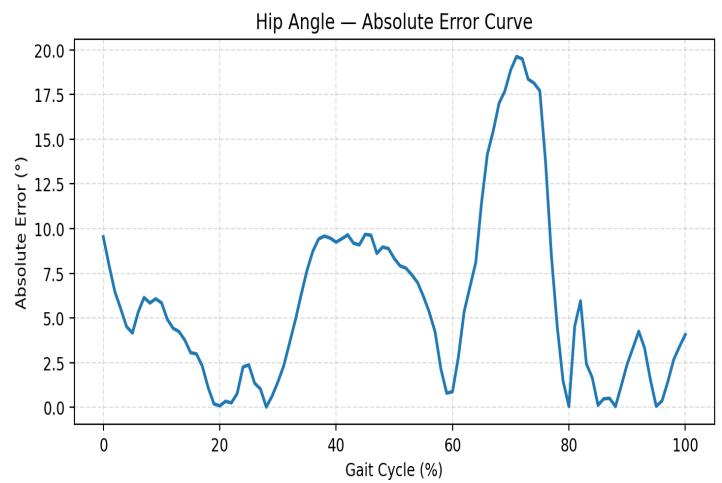
Knee Angle — Per-cycle MAE (boxplot)

# Hip Angle



### Hip Angle — MOT vs Video

y=0.627x+0.997
R=0.860

### Hip Angle — Bland–Altman

Bias = -1.358
±1.96 SD = [-16.477, 13.761]

### Hip Angle — Mean ± SD
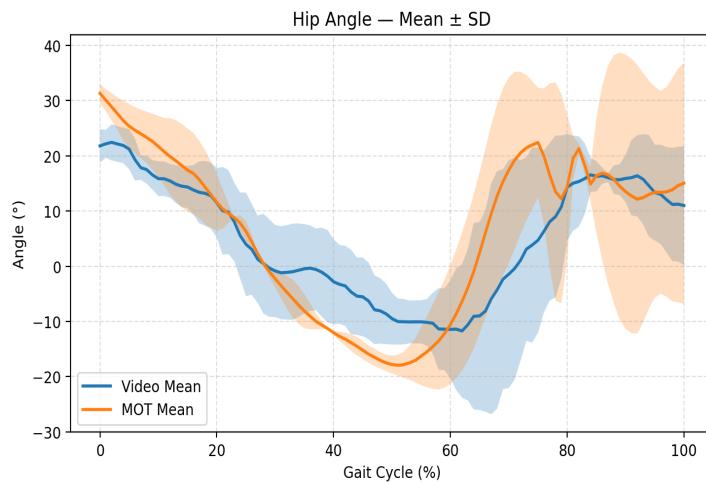
Video Mean
MOT Mean

### Hip Angle — Absolute Error Curve

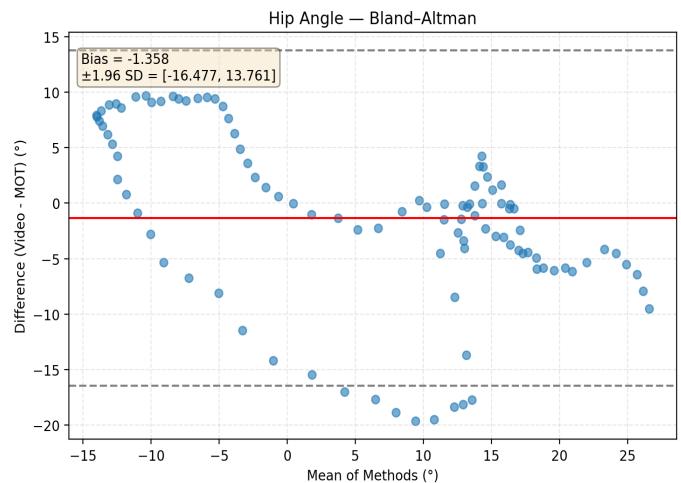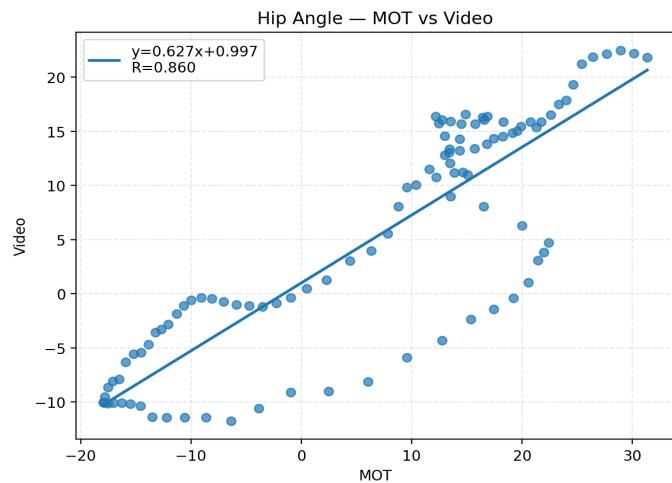### Hip Angle — Per-cycle MAE (boxplot)

## Notes

This compact report contains summary metrics and plots comparing Video-derived kinematics to MOT file kinematics. MAE = mean absolute error (averaged across cycle percent), bias = mean(video - mot). ICC_time treats each gait-percent point as a subject; ICC_cycles uses per-cycle means.