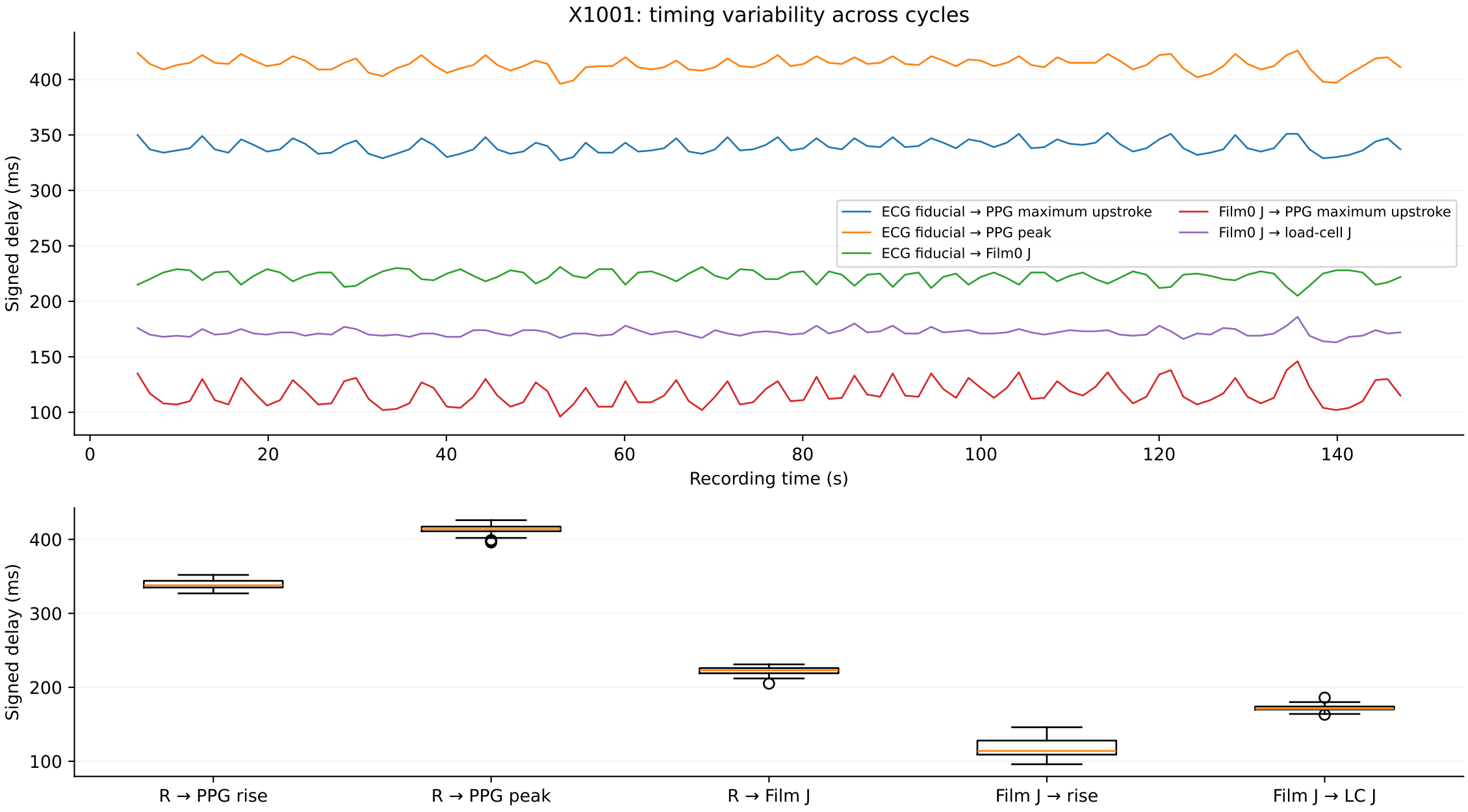

X1001: timing variability across cycles
Signed delay (ms)
Recording time (s)
ECG fiducial → PPG maximum upstroke
ECG fiducial → PPG peak
ECG fiducial → Film0 J
Film0 J → PPG maximum upstroke
Film0 J → load-cell J
R → PPG rise
R → PPG peak
R → Film J
Film J → rise
Film J → LC J
Boxes: median and IQR; whiskers: 1.5 × IQR · detected fiducials are approximate · sensor delays are not pure vascular transit times