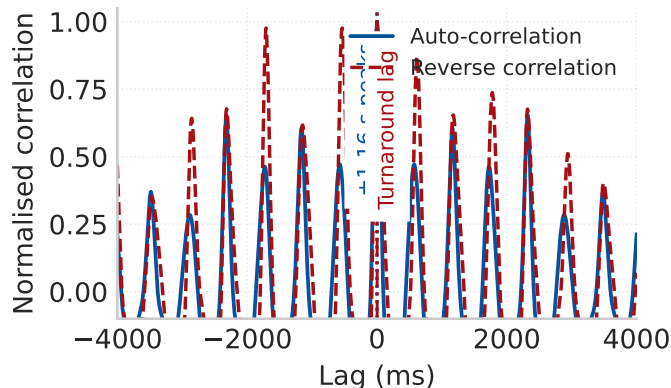
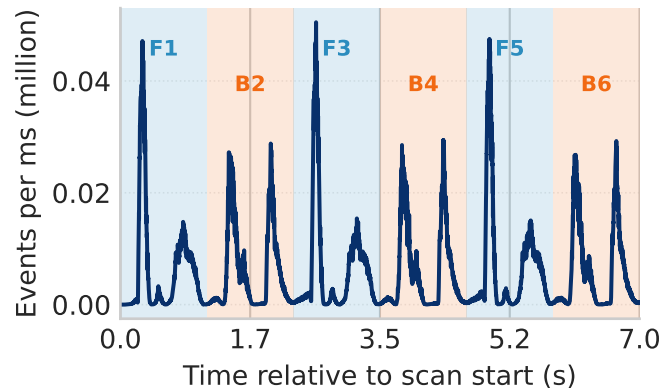
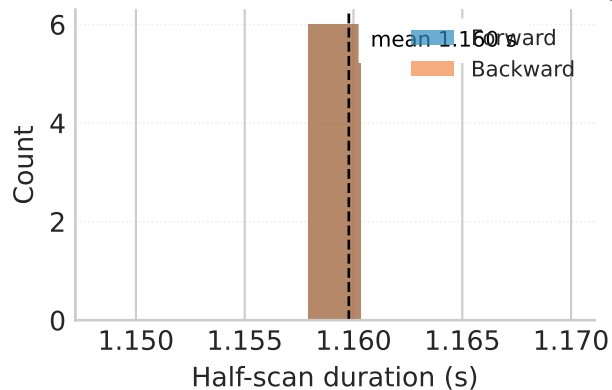


Figure 2. Self-synchronised scan segmentation diagnostics

(a) Activity trace with auto-labelled segments **(b) Correlation diagnostics**



(c) Half-scan duration stability



(d) Multi-pass fusion stabilises event rate

