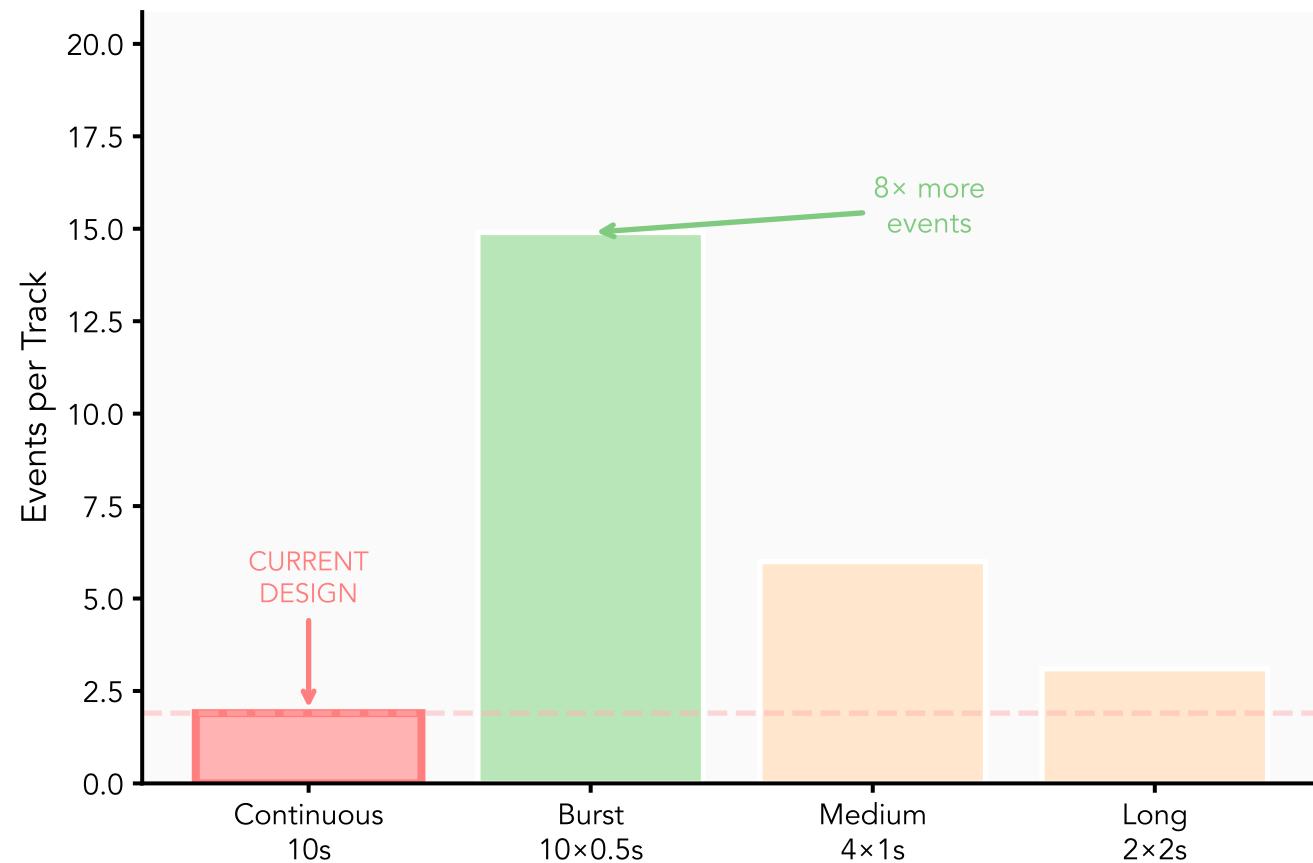
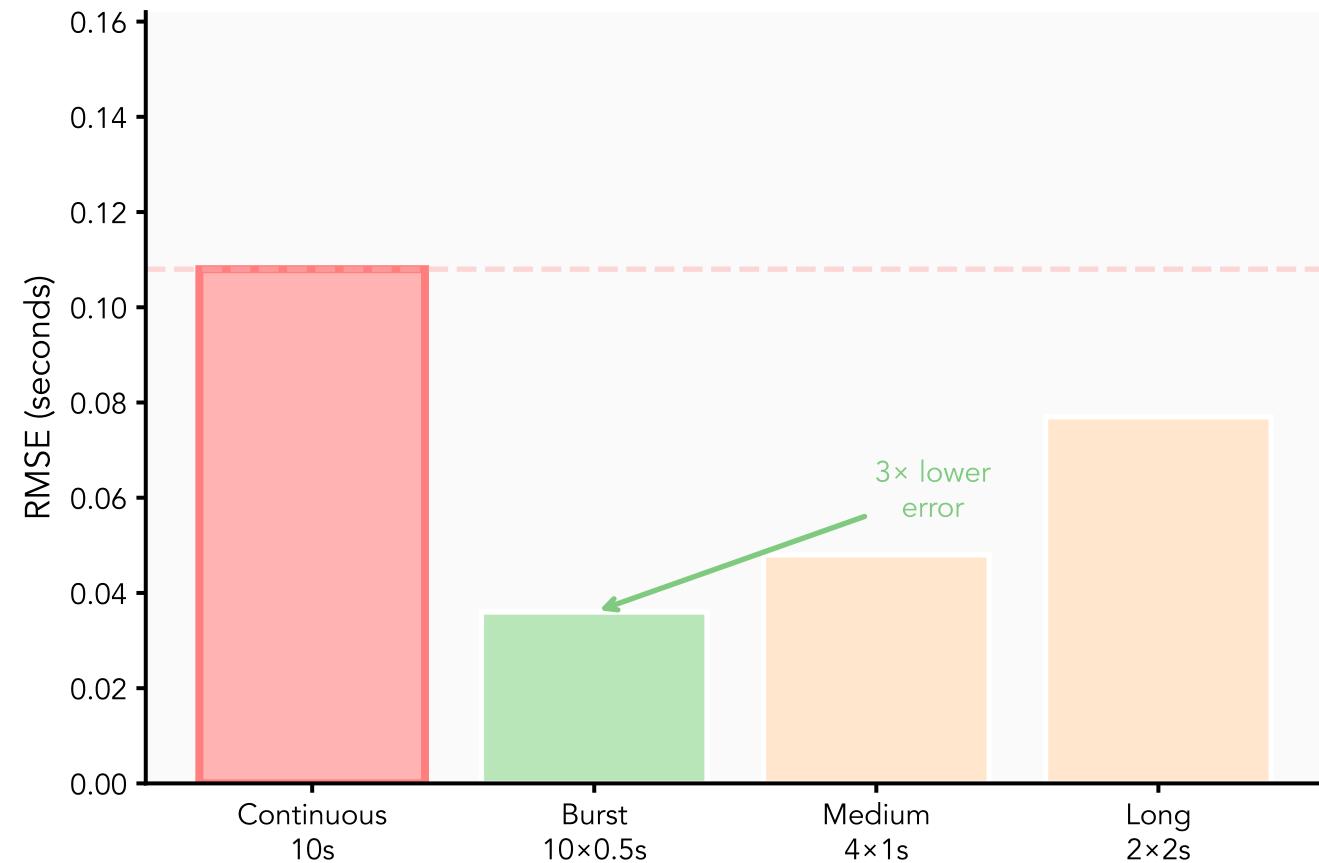


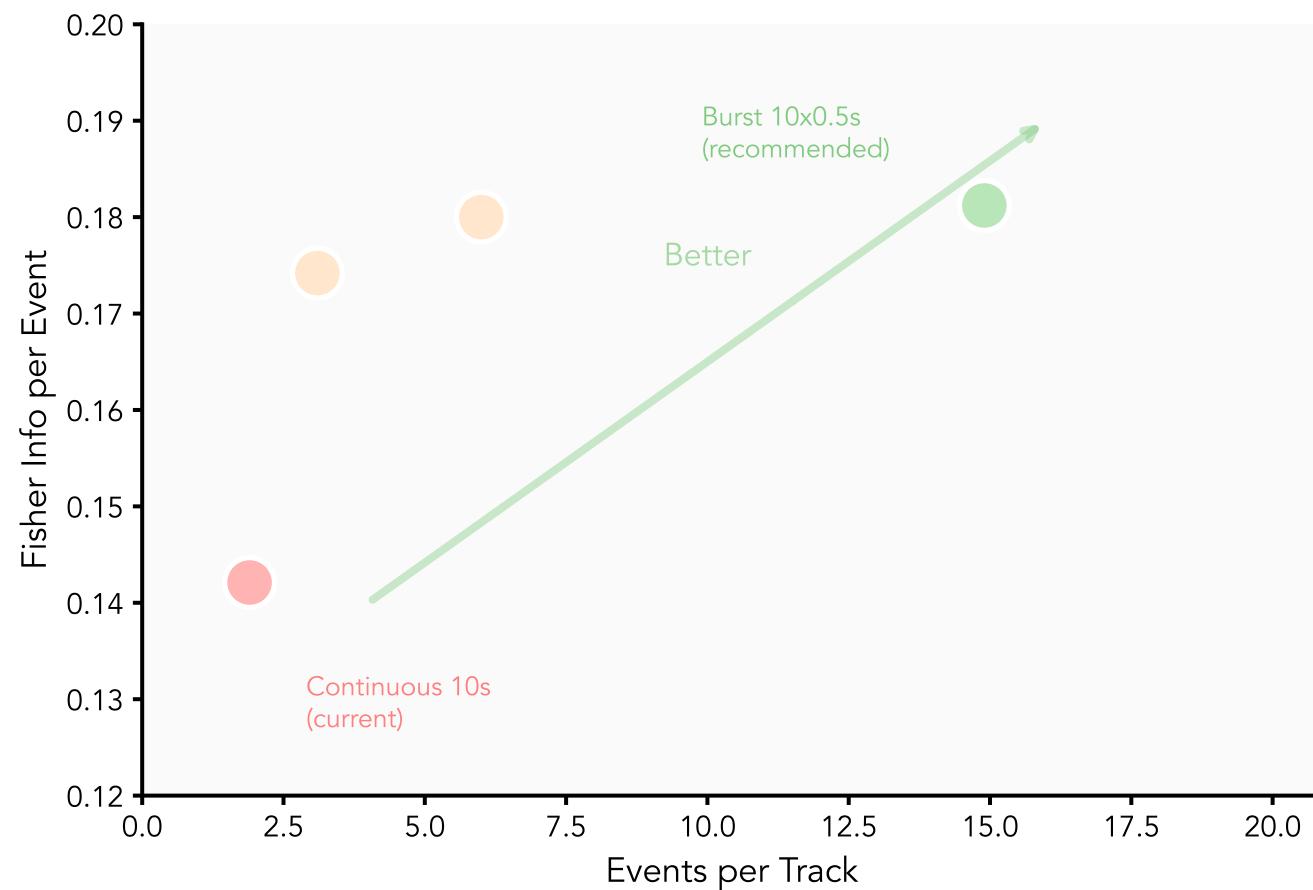
A. Event Yield: Current Design is Bottleneck



B. Estimation Error: 3× Reduction Possible



C. Tradeoff: More Events = More Information



D. Summary & Recommendations

CURRENT PROTOCOL

Continuous 10s ON / 20s OFF
1.9 events per track | RMSE = 0.108s

RECOMMENDED

Burst 10x0.5s pulses
14.9 events (8x more) | RMSE = 0.036s (3x lower)

BOTTLENECK

Sparse events limit tau₁ identifiability
regardless of experimental design

ALTERNATIVE STRATEGY

Phenotype on composite scores
(Precision, Burstiness) instead of tau₁