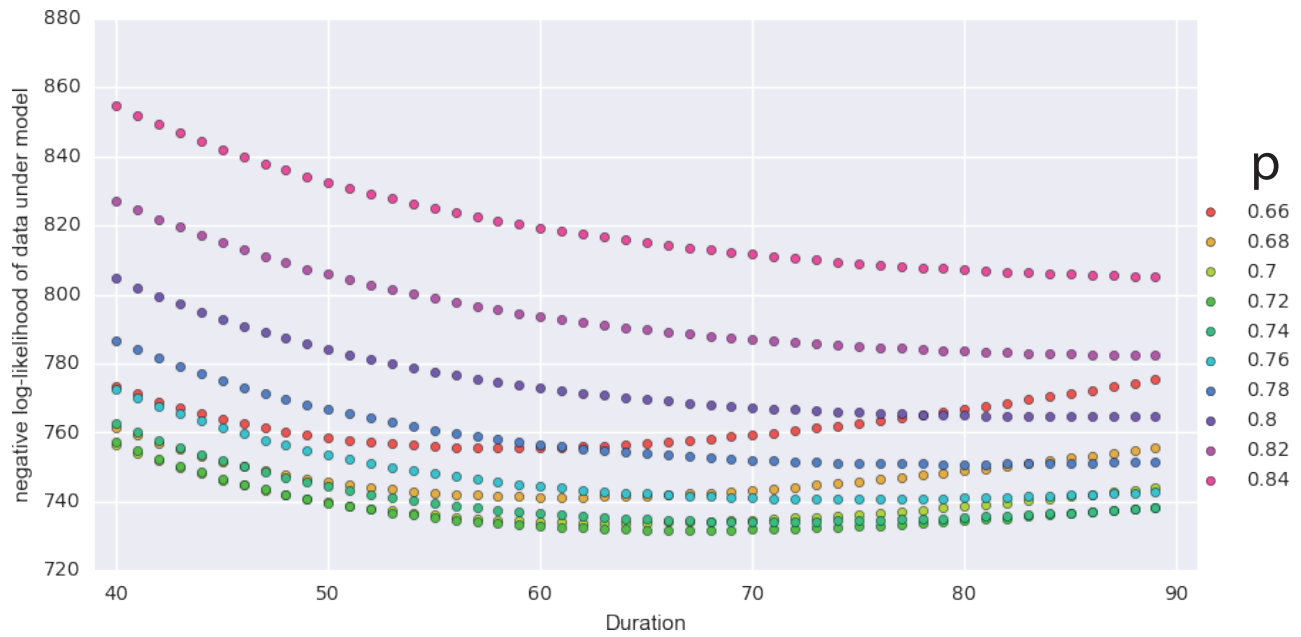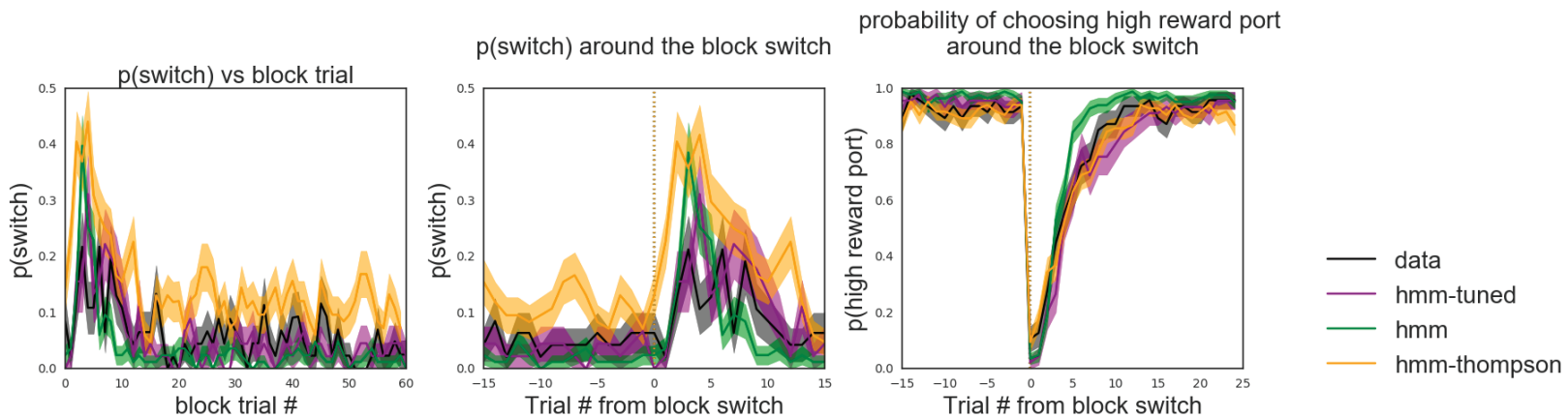# Tuning $p(R=1|a=z)$ and $p(z_{t+1}=k \mid z_t=k)$

Simulating data with hmm using tuned parameters
80-20 reward probabilities

Notes:
- Data used: 'Harry', 5 sessions when his p(high Port) was > 0.85 (on 80-20)
- hmm-tuned: tuned parameters, greedy decision
- hmm: untuned parameters (ie 80-20, duration-60) greedy decision
- hmm-thompson: untuned parameters, Thompson Sampling for decision