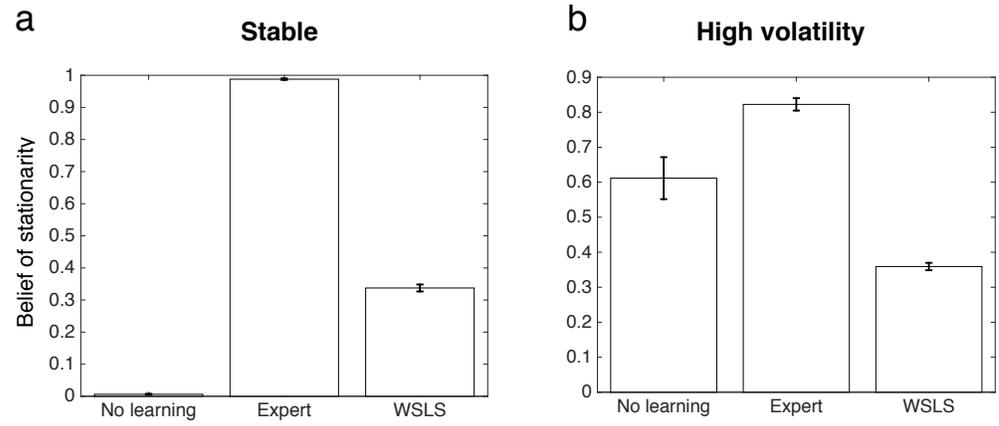
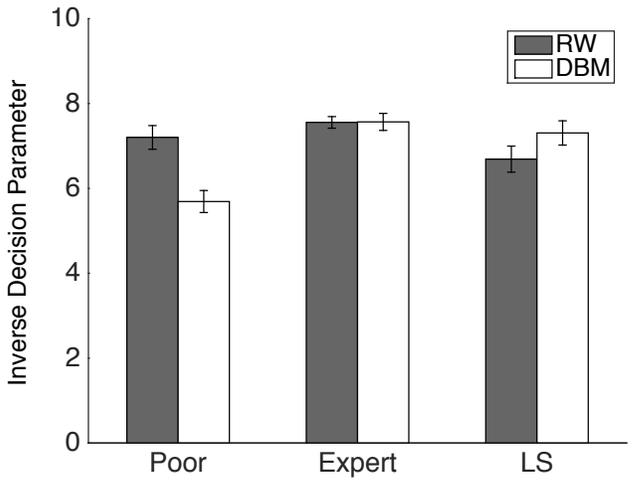
S1. R-W simulation. Estimated learning rate of three behavioral types in stable and high volatility condition.

S2. DBM simulation. Estimated alpha of three behavioral types in stable and high volatility condition.

S3. Comparison of inverse decision parameter between R-W and DBM (low volatility condition).