ShotEff(T,M)

PassEff(T,M)

$$\log P_B(result = win) = \log 4/5 + \log 3/5 + \log 1/20 + \log 1/10$$

Result(T,M)  $\log 3/5 + \log 1/20 + \log 1/10$ 

P(Result=Win|shotEff=high, PassEff=high)=4/5 P(Result=Win|shotEff=high, PassEff=low)=3/5 P(Result=Win|shotEff=low, PassEff=low)=1/20 P(Result=Win|shotEff=low, PassEff=high)=1/10