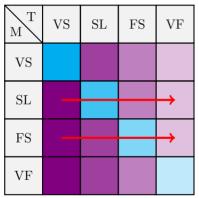**Prediction 1**
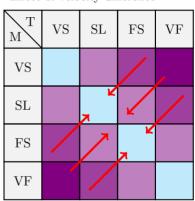
Effect of target velocity

Performance declines as target velocity increases

Prediction 2

Effect of velocity difference

Performance declines as Δv becomes smaller