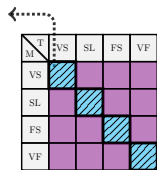
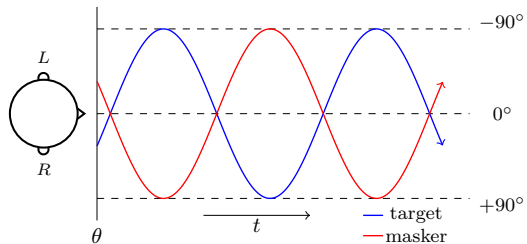
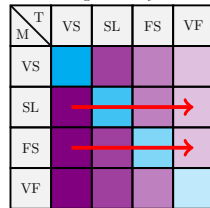


Experiment EV ($\Delta\theta_{\text{RMS}} = 127^\circ$)



Hypothesis 1

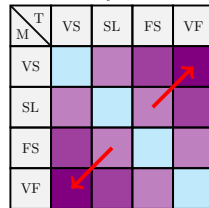
Effect of target velocity



Performance **worsens** as target velocity increases.

Hypothesis 2

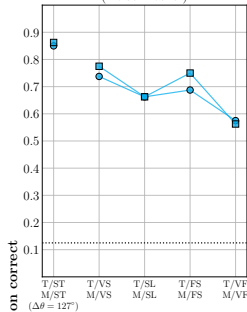
Effect of velocity difference



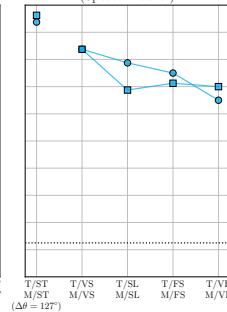
Performance **improves** as Δv increases.

Word identification performance

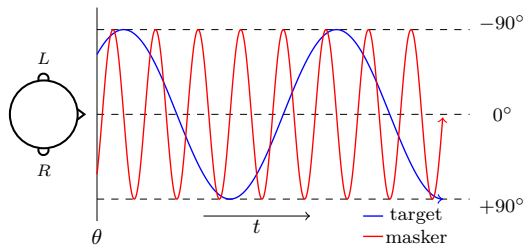
(Noise Masker)



(Speech Masker)

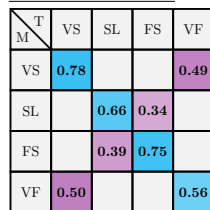


Experiment DV ($\Delta\theta_{\text{RMS}} = 90^\circ$)

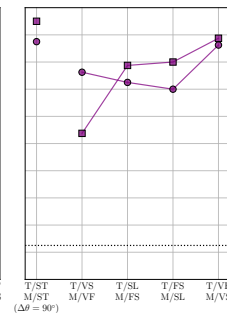
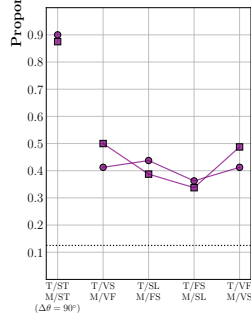
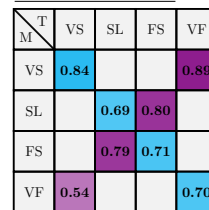


Pilot Result

Performance in EM



Performance in IM



Movement conditions