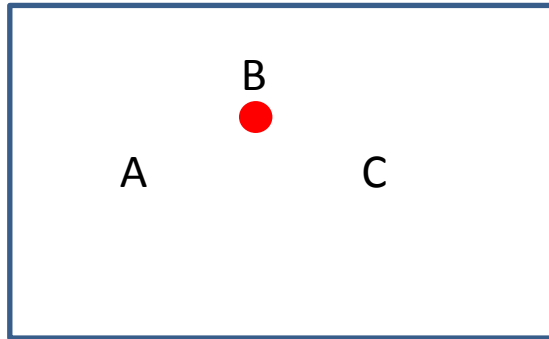


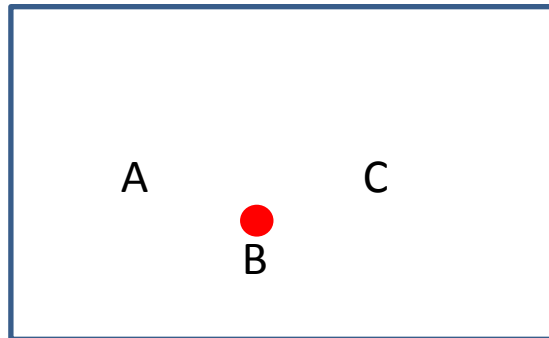
Block I: Target (B) superior



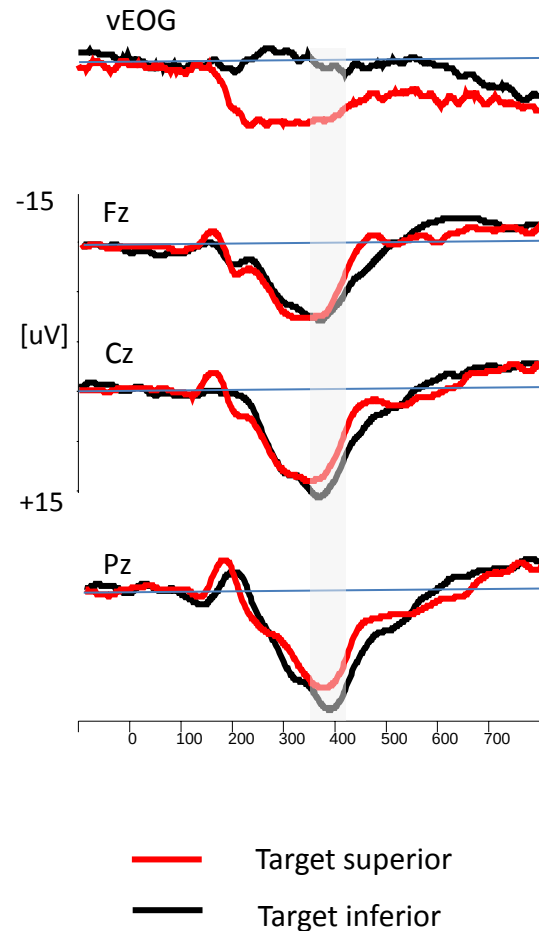
Setup of a passive oddball task

Red dot appears at position A ($p=.42$), C ($p=.42$), or B ($p=.16$)

Task: Count event B



Block II: Target (B) inferior

Control for the effect of verticality:
Passive oddball taskPilot study (n=14)
Repeated-measure design
Counterbalanced order

Analysis 340 – 420 ms

vEOG

Superior: $M = -6.18 \text{ uV}$, $SEM = 1.59$ Inferior: $M = 0.097 \text{ uV}$, $SEM = 1.804$ $F(1,13) = 4.944$, $p = 0.045$, $\eta_p^2 = 0.276$

Cz/Pz

Superior: $M = 7.72 \text{ uV}$, $SEM = 1.18$ Inferior: $M = 10.09 \text{ uV}$, $SEM = 1.19$ $F(1,13) = 2.787$, $p = 0.119$, $\eta_p^2 = 0.177$ The verticality effect is not expressed
in a passive oddball task with targets
in the upper or lower visual field