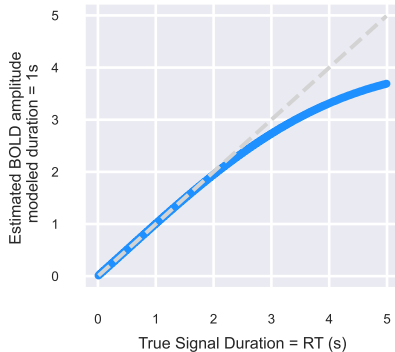


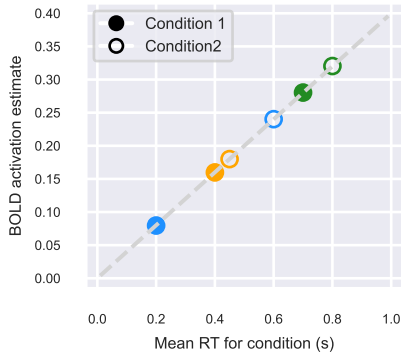
How RT effects leak into group analysis under ConsDurNoRT

Single trial: Constant duration-based estimate vs. signal duration (RT)



Level 1: Condition-specific estimate for 3 subjects

$$\hat{\beta} = 0.4 \times \text{mean}(RT_{\text{condition}})$$



Level 2: BOLD difference vs RT difference

$$\hat{\beta}_2 - \hat{\beta}_1 = 0.4 \times (\text{mean}(RT_2) - \text{mean}(RT_1))$$

