Analysis Models for Experiment 3:

Misspecification Analysis:
Misspec_analysis <- glmer(Misspecification ~ Shift_Direction *
Perceptual_Consist * Pragmatic_Consist +
(Shift_Direction * Perceptual_Consist * Pragmatic_Consist || SessionID) +
(Shift_Direction * Perceptual_Consist * Pragmatic_Consist || Series),
dataset,
binomial(link = "logit"), control = glmerControl(optimizer = "bobyqa"))

Differential Onset Latency Analysis:
Onset <- lmer(Difference ~ Shift_Direction * Perceptual_Consist *
Pragmatic_Consist +
(Shift_Direction * Perceptual_Consist * Pragmatic_Consist || SessionID) +
(Shift_Direction * Perceptual_Consist * Pragmatic_Consist || Series),
dataset,
REML = FALSE)

Unconventional Item Analysis:
Word_count <- glmer(test_count ~ Perceptual_Consist * Pragmatic_Consist +
(Perceptual_Consist * Pragmatic_Consist || SessionID) +
(Perceptual_Consist * Pragmatic_Consist || Series),
dataset,
poisson, offset = log(unco$trn))