# Aim 1: Target Engagement (Analyzed as single-group)

Focal fixed-effect predictor:

**Aim 2: Dosing Impact on Target Engagement (Analyzed as parallel-group)**

Focal fixed-effect predictor:

**Secondary Analyses: Clinical Outcomes (Analyzed as single-group)**

Focal fixed-effect predictor:

**Secondary Analyses: Dosing Impact Clinical Outcomes (Analyzed as parallel-group)**

Focal fixed-effect predictor: