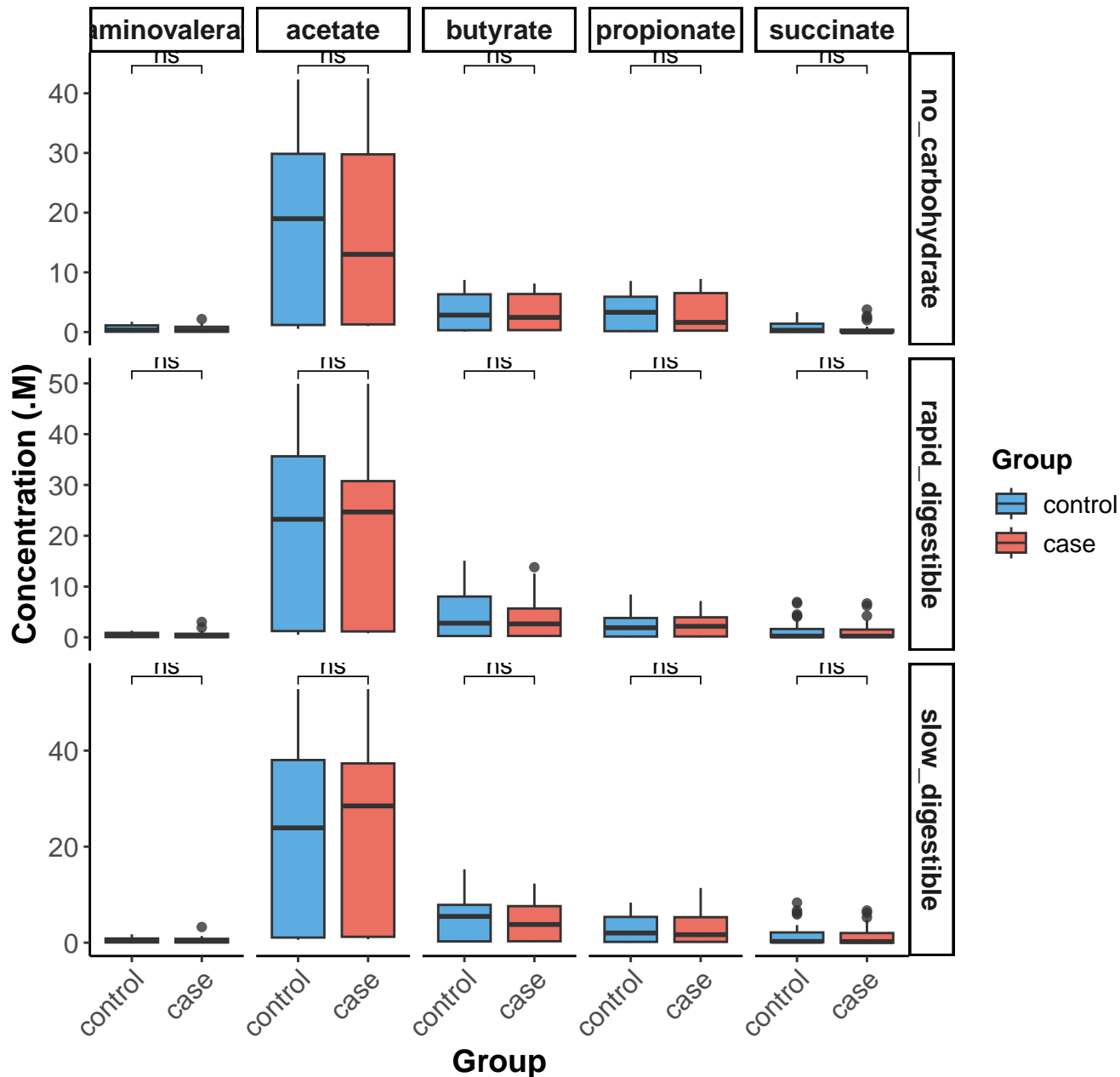
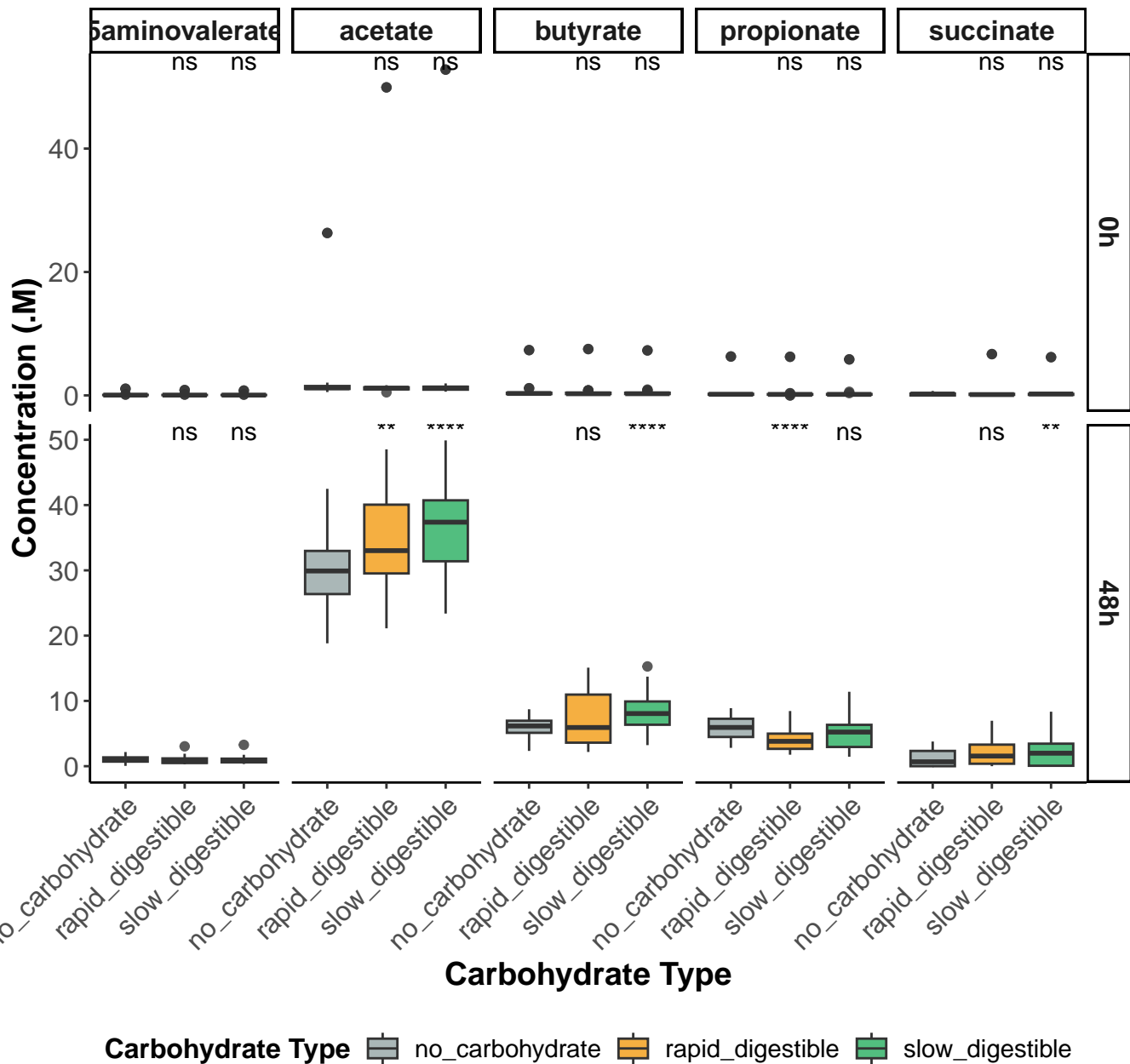


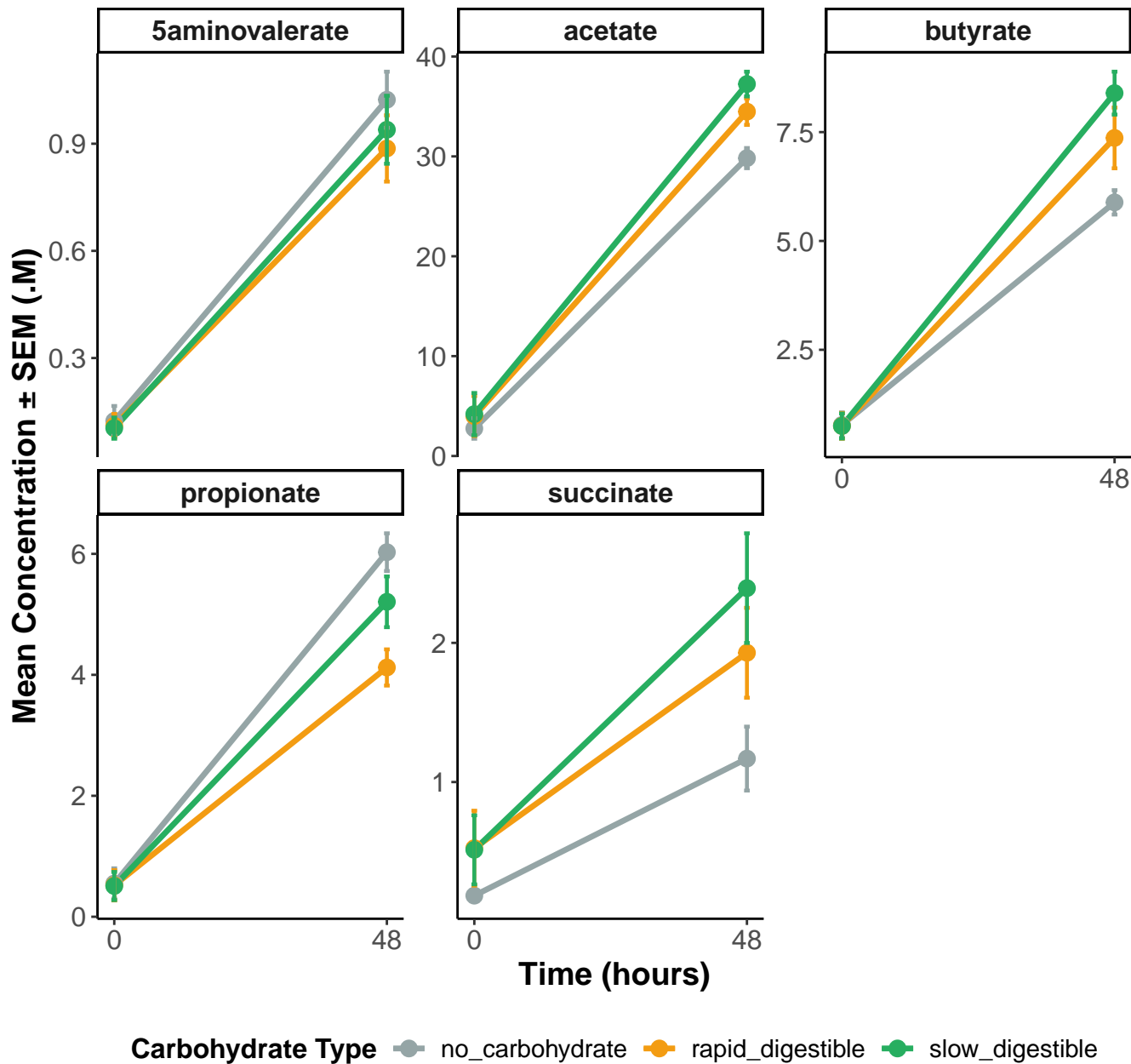
SCFA Concentrations by Group and Carbohydrate Type



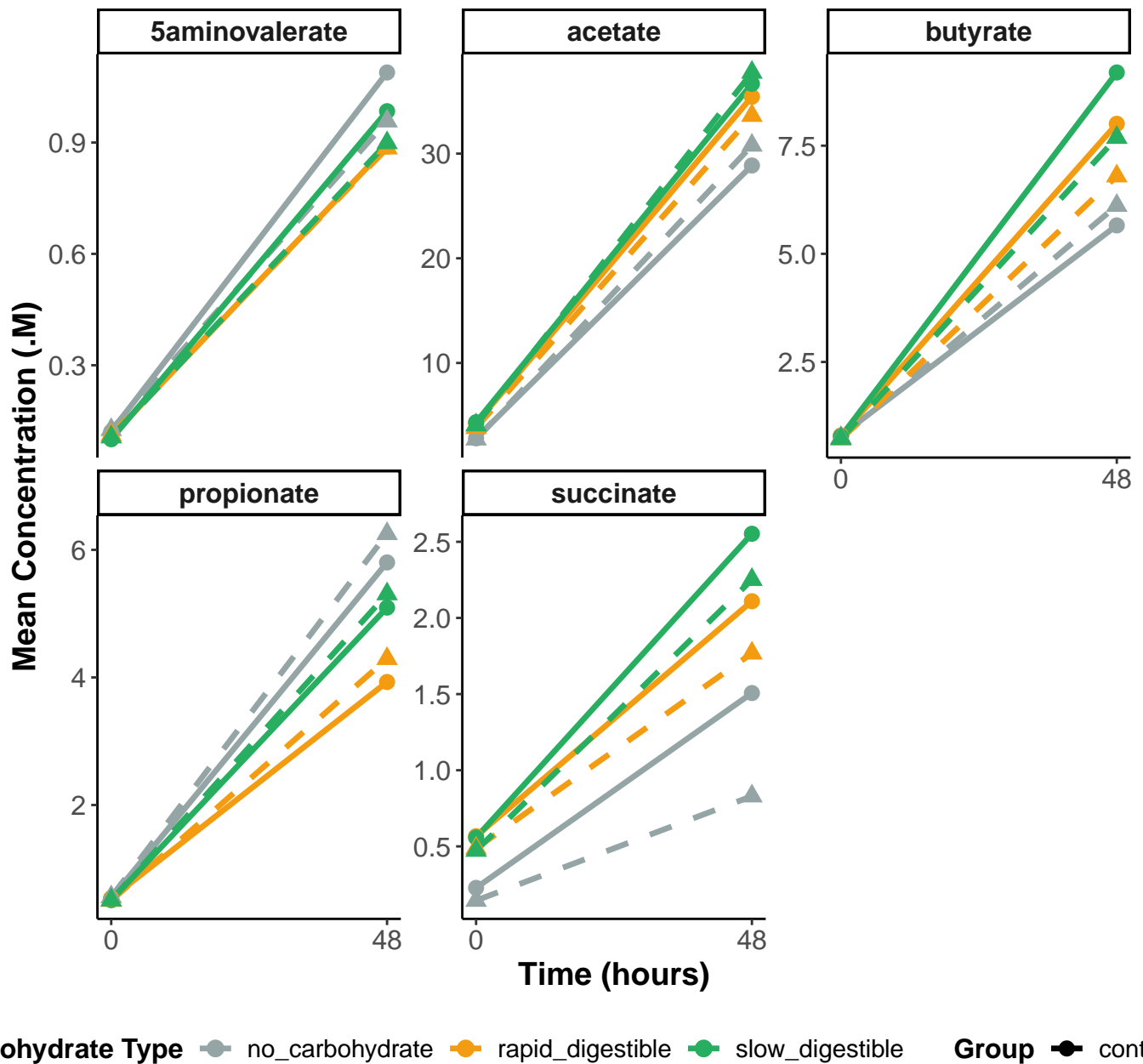
SCFA Concentrations by Carbohydrate Type and Time Point



SCFA Concentrations Over Time by Carbohydrate Type



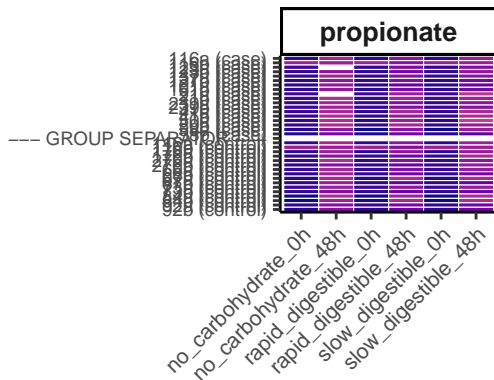
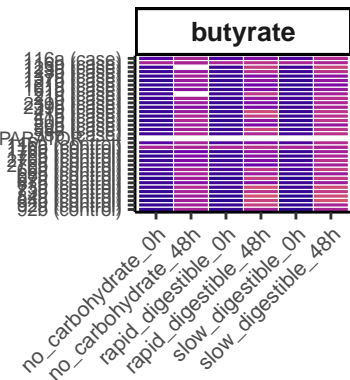
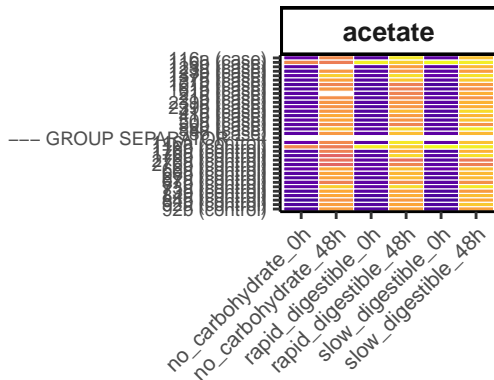
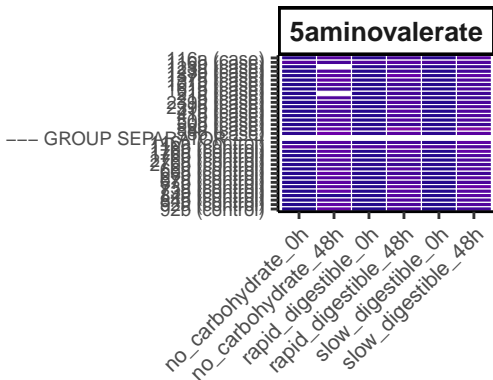
SCFA Concentrations: Group × Carbohydrate × Time Interaction



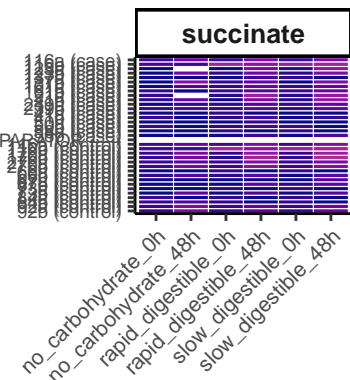
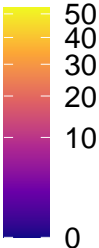
Individual Subject SCFA Responses Across All Conditions

Control group (top) and Case group (bottom) with visual separation

Subject (Group)



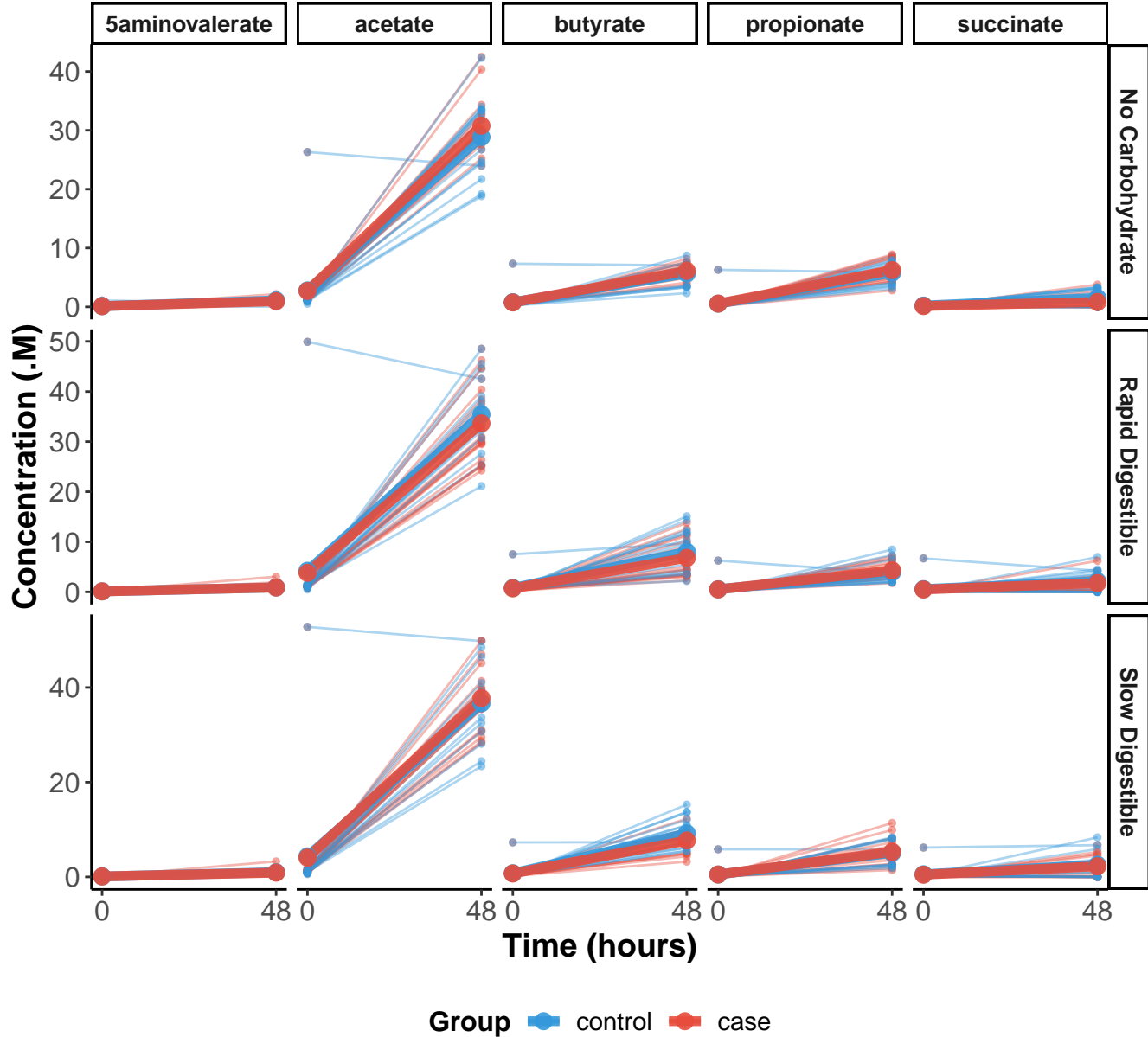
Concentration
(.M)



Condition x Time Point

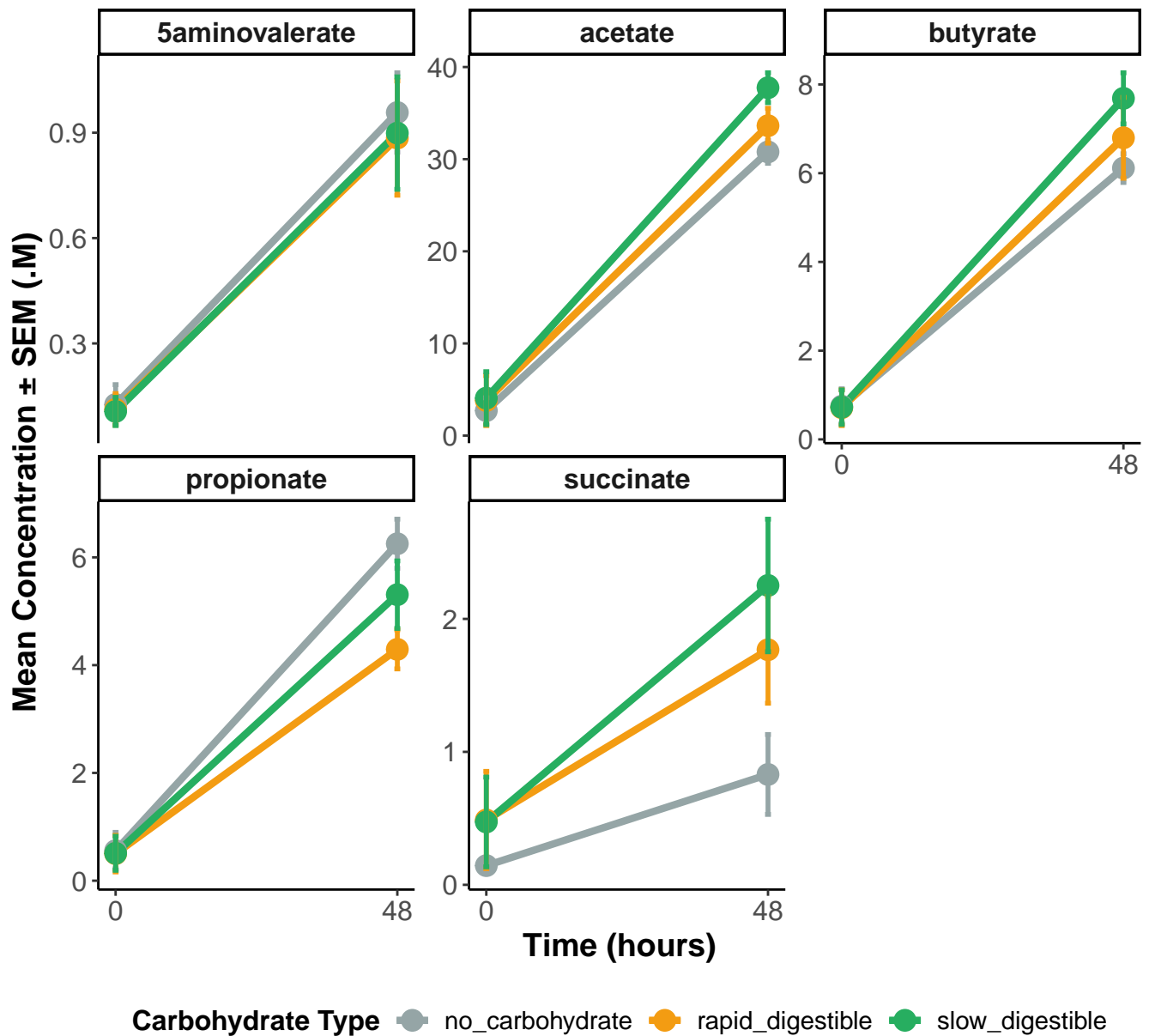
Individual Subject SCFA Trajectories by Carbohydrate Source

Thin lines: individual subjects, Thick lines: group means \pm SEM



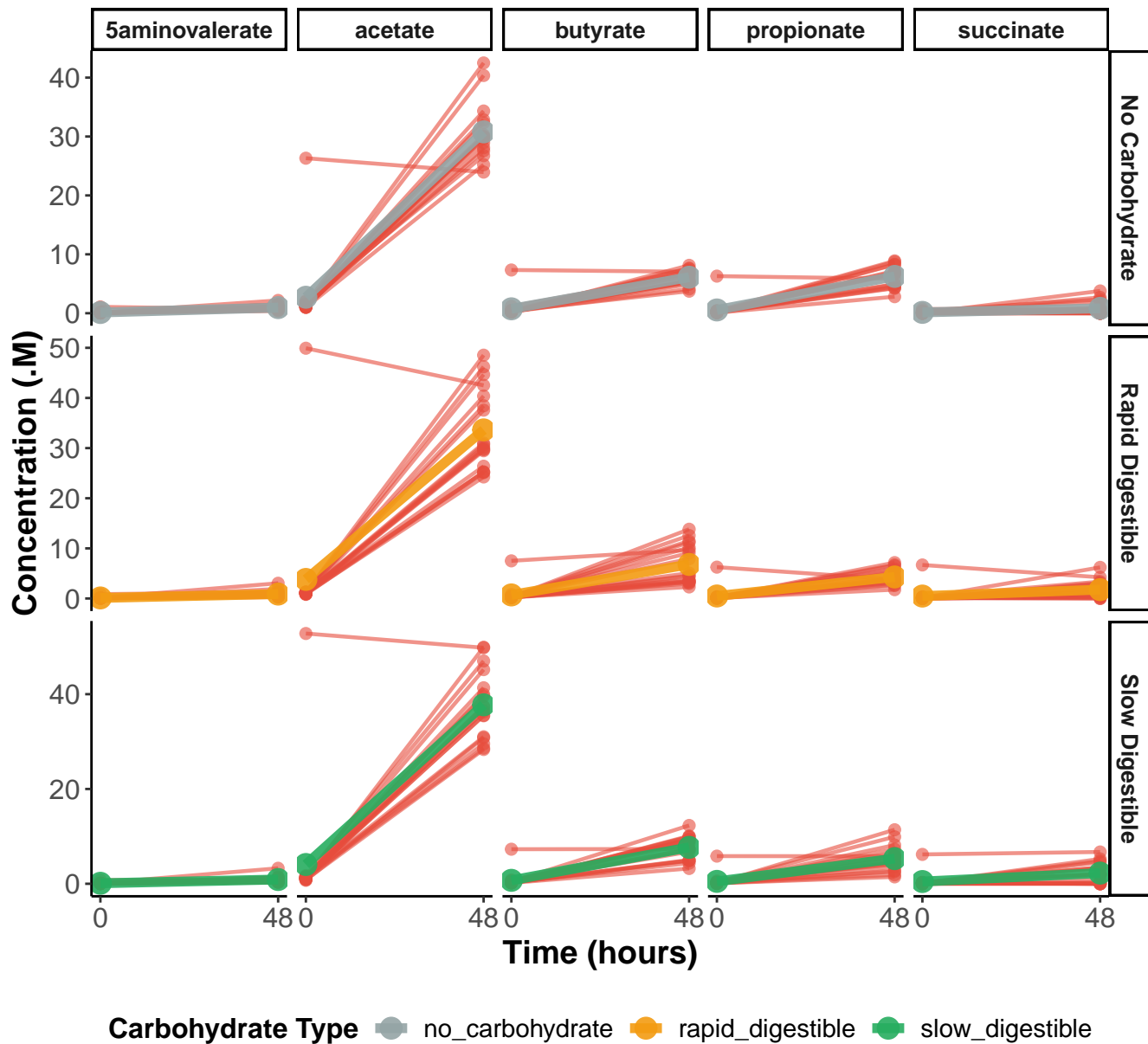
Case Group Only: SCFA Temporal Changes by Carbohydrate Type

Mean \pm SEM concentrations from 0h to 48h



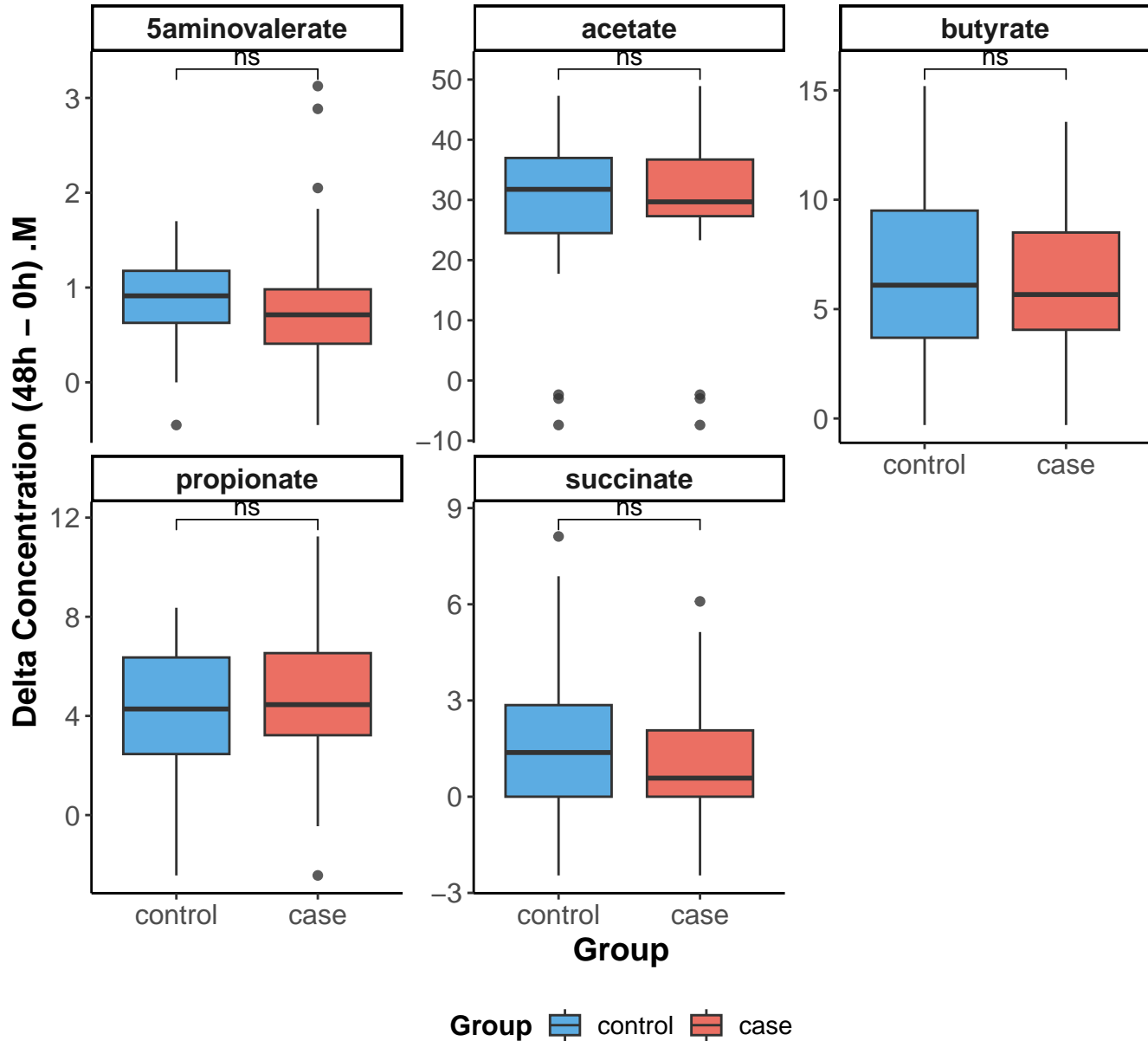
Case Group Individual Subject SCFA Trajectories

Thin lines: individual subjects, Thick lines: group means



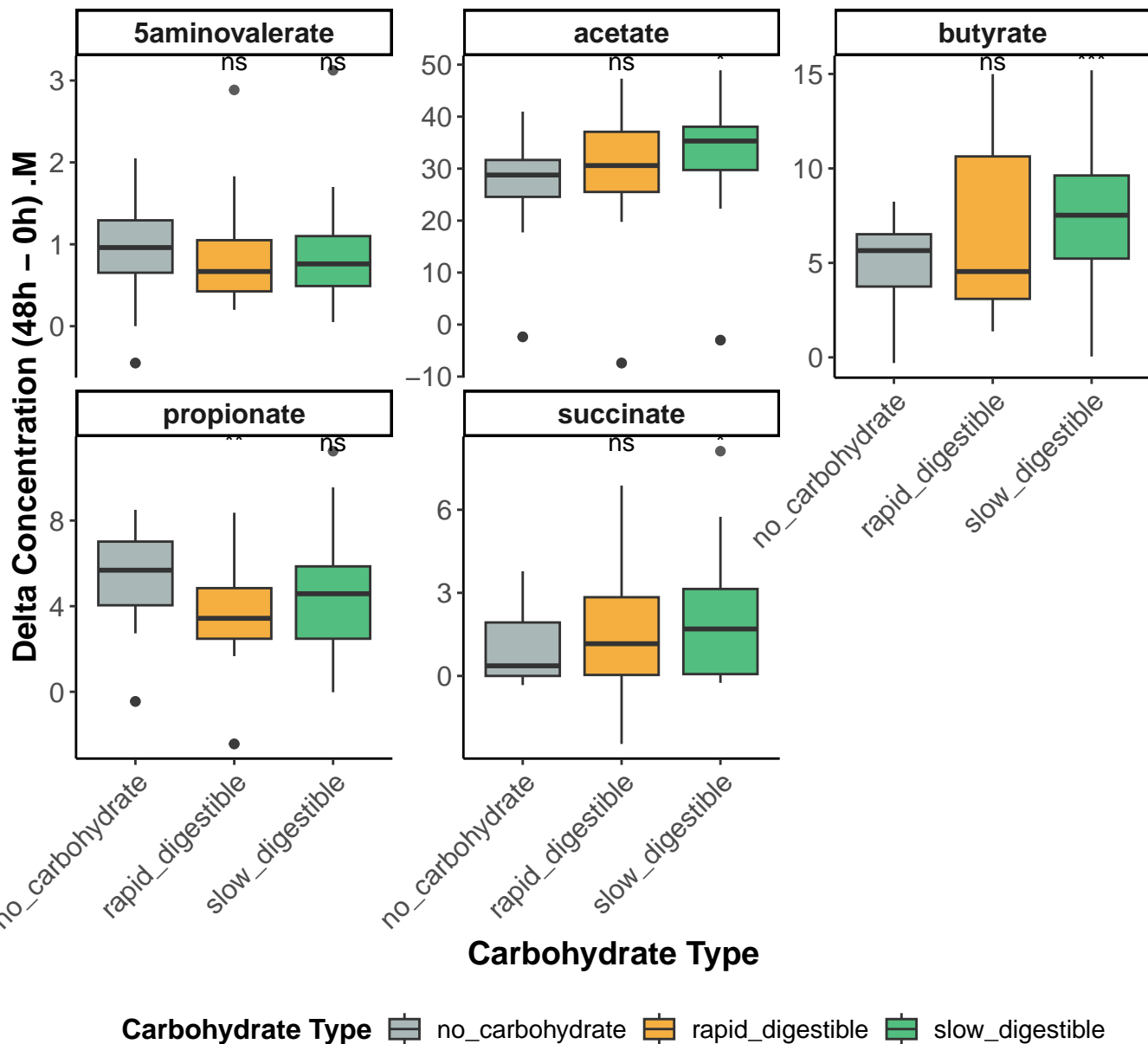
SCFA Response Magnitude (.48h-0h) by Group

Comparing metabolic response between control and case groups



SCFA Response Magnitude (.48h–0h) by Carbohydrate Type

Comparing metabolic response magnitude across carbohydrate interventions



SCFA Response Magnitude: Group × Carbohydrate Interaction

Mean ± SEM change from baseline (48h – 0h)

