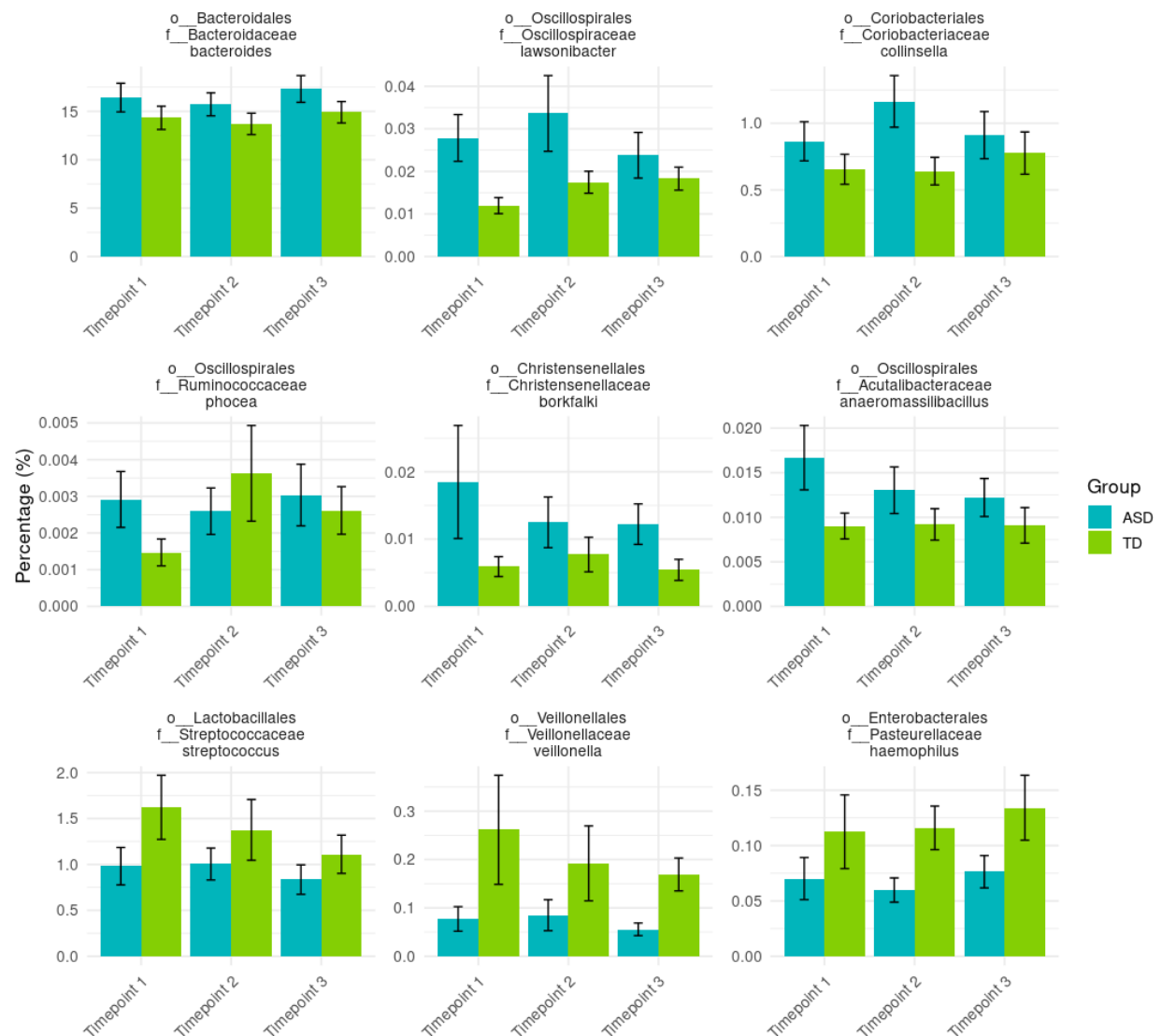


Order	Family	Genus	Enrichment	Method
<i>Bacteroides</i>	Bacteroidaceae	<i>Bacteroides</i>	ASD	DESEQ2
<i>Oscillospirales</i>	<i>Oscillospiraceae</i>	<i>Lawsonibacter</i>	ASD	DESEQ2, Mtgseq
<i>Coriobacteriales</i>	<i>Coriobacteriaceae</i>	<i>Collinsella</i>	ASD	Mtgseq
<i>Oscillospirales</i>	<i>Ruminococcaceae</i>	<i>Phoceae</i>	ASD	Mtgseq
<i>Christensenellales</i>	<i>Christensenellaceae</i>	<i>Borkfalki</i>	ASD	Mtgseq
<i>Oscillospirales</i>	<i>Acutalibacteraceae</i>	<i>Anaeromassilibacillus</i>	ASD	Mtgseq
<i>Lactobacillales</i>	<i>Streptococcaceae</i>	<i>Streptococcus</i>	TD	Mtgseq
<i>Veillonellales</i>	<i>Veillonellaceae</i>	<i>Veillonella</i>	TD	DESEQ2, Mtgseq, ANCOM
<i>Enterobacterales</i>	<i>Pasteurellaceae</i>	<i>Haemophilus</i>	TD	Mtgseq, ANCOM



Relative Abundance Counts of Significant Genera in Contrast Analysis of TD and ASD siblings

ASVs were conglomerated by genus and were sent through DESEQ2, Metagenomeseq, and ANCOM for contrast analysis. Some ASVs were unable to be assigned a genus during taxonomic classification and are not included in this particular analysis.