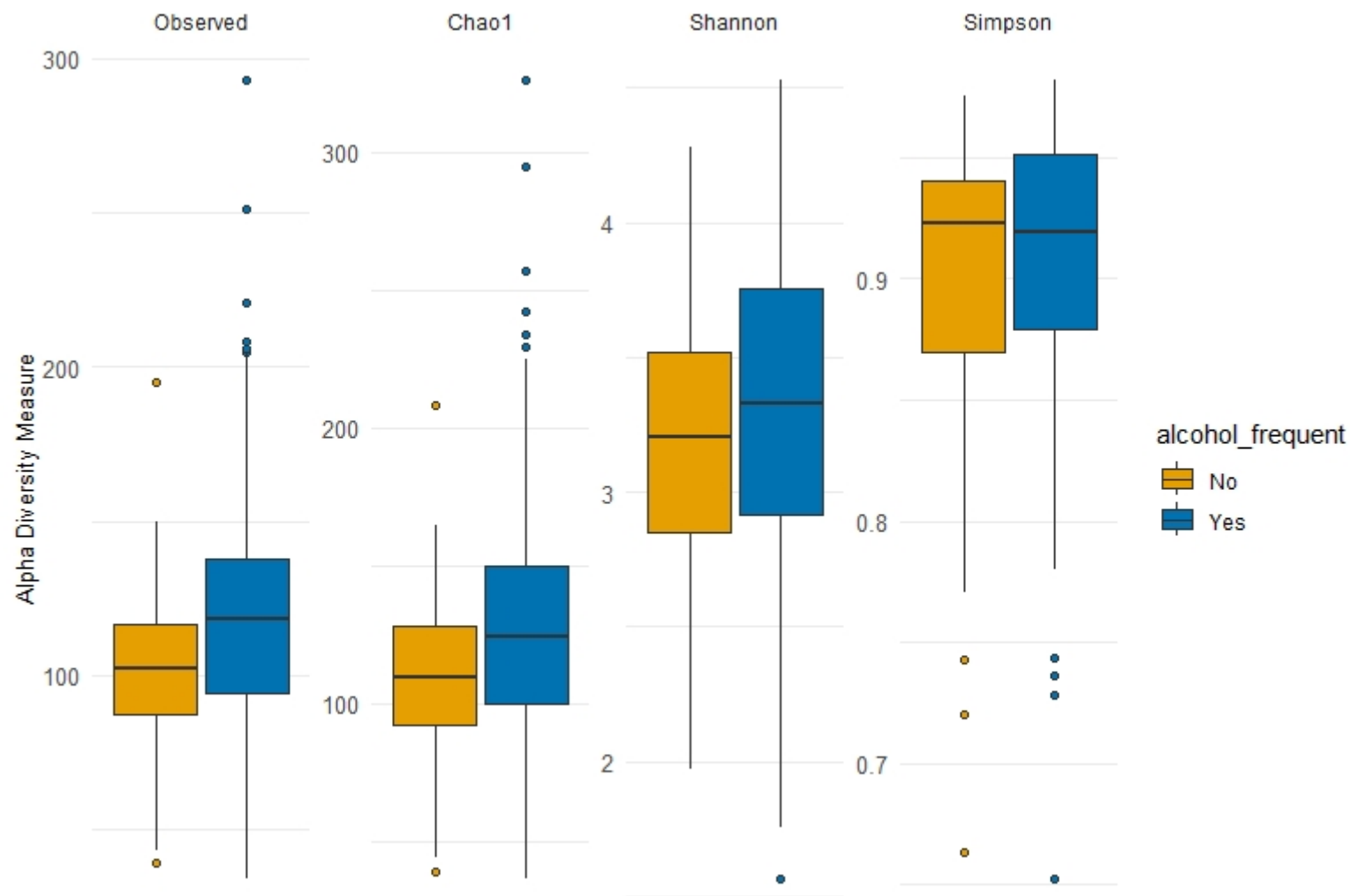
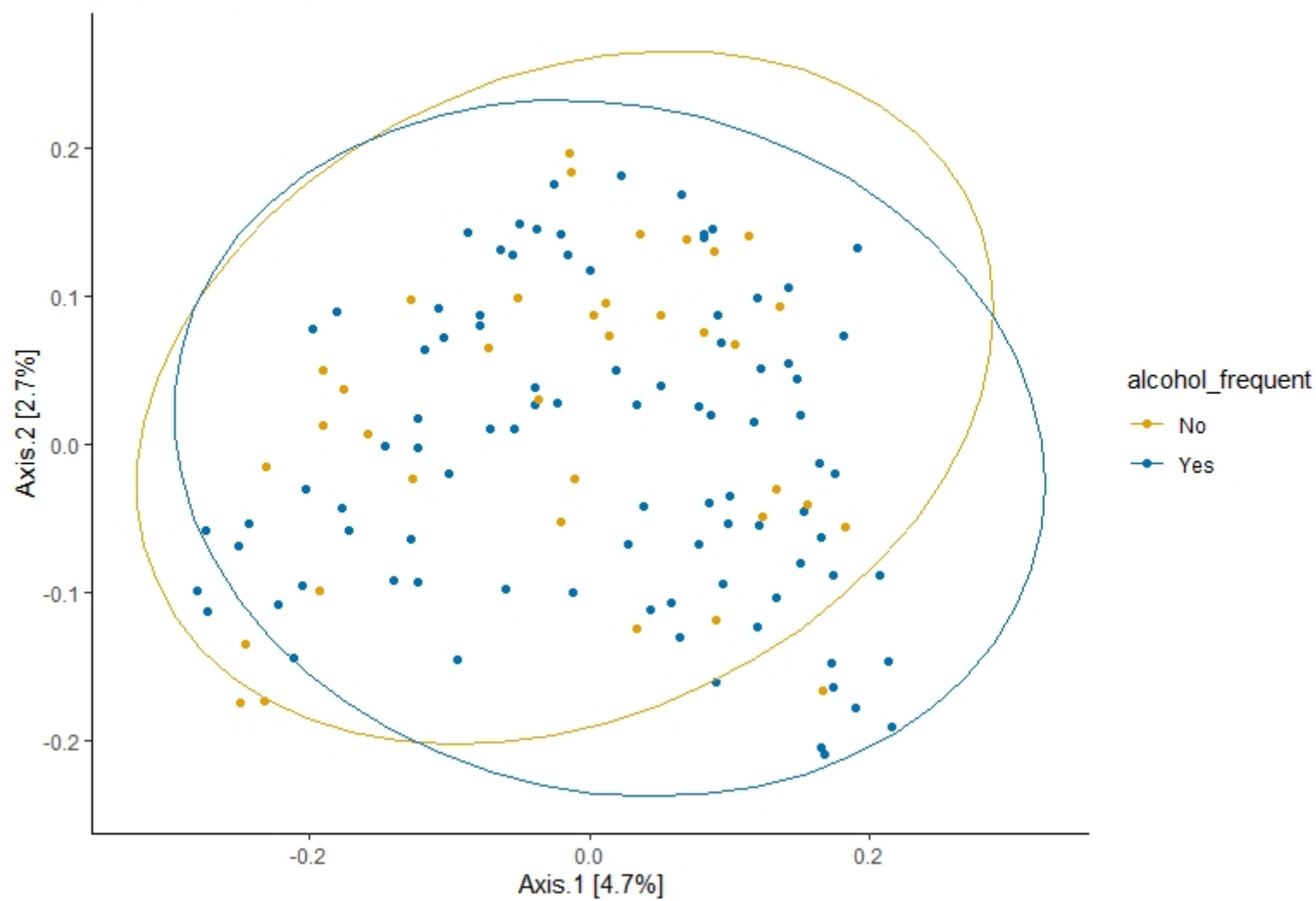


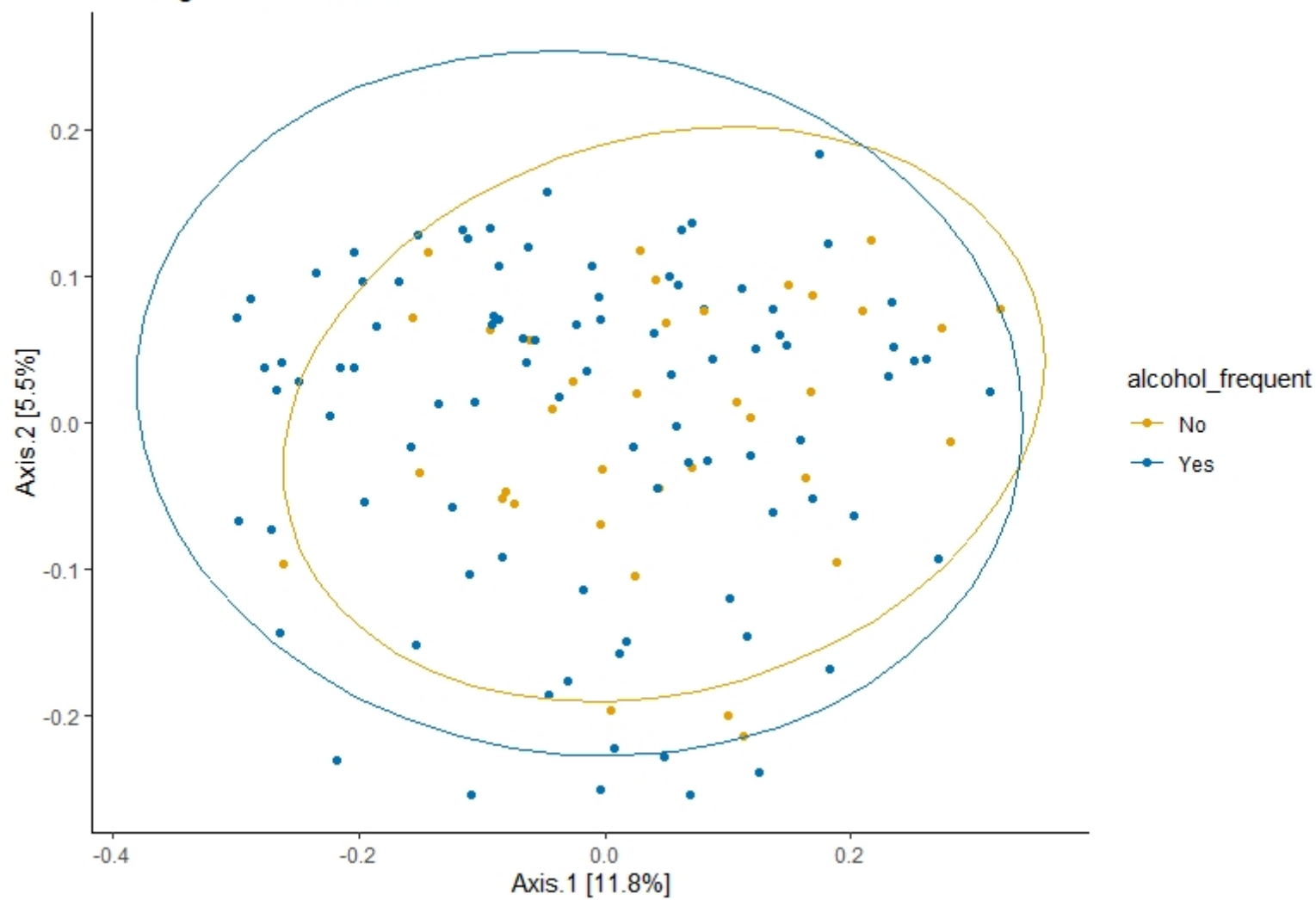
Variable	No	Yes	p_value
Age	71.2	69.8	0.432
Sex			
female	70.7	69.3	0.222
male	71.6	70.7	
Race			
White	71.2	69.8	0.00000106
NA	NA	NA	
Height (in)	66.8	66.2	0.356
Weight (lbs)	193.0	171.0	0.0116
BMI	30.3	27.4	0.0140
Latitude	42.9	44.3	0.0900
Location			
Albany, NY	72.0	69.5	0.160
Atlanta, GA	77.4	73.9	
Seattle, WA	66.9	69.5	
Longitude	-90.0	-98.0	0.0759
Smoke100			
No	69.8	69.2	0.825
Yes	68.9	70.4	
NA	77.1	70.9	
Coffee Amount	1.17	1.37	0.239
Fruits or Vegetables			
No	66.2	74.9	0.0475
Yes	72.6	69.4	
NA	NA	NA	
Grains			
No	72.0	68.7	0.897
Yes	70.8	70.2	
NA	NA	75.5	
Meats			
No	70.0	71.8	0.0167
Yes	72.6	68.9	
NA	NA	NA	
Nuts			
No	69.7	69.3	1.00
Yes	74.9	70.9	
NA	NA	73.0	
Yogurt			
No	70.1	69.6	0.782
Yes	79.2	70.9	
NA	73.0	75.5	
Other Neuro Problems			
No	70.7	70.2	0.852
Yes	86.0	62.6	
NA	NA	NA	



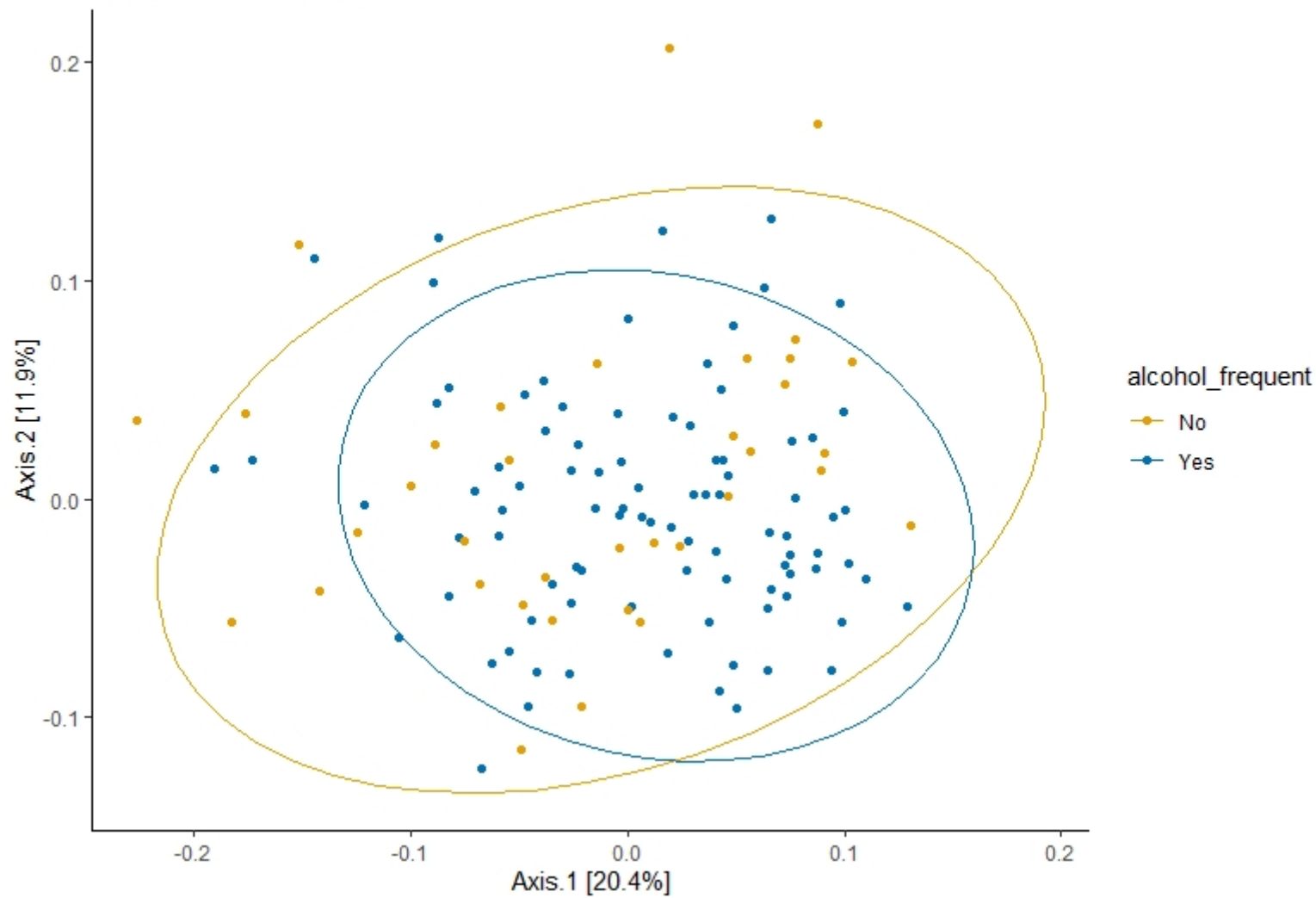
Canberra PCoA

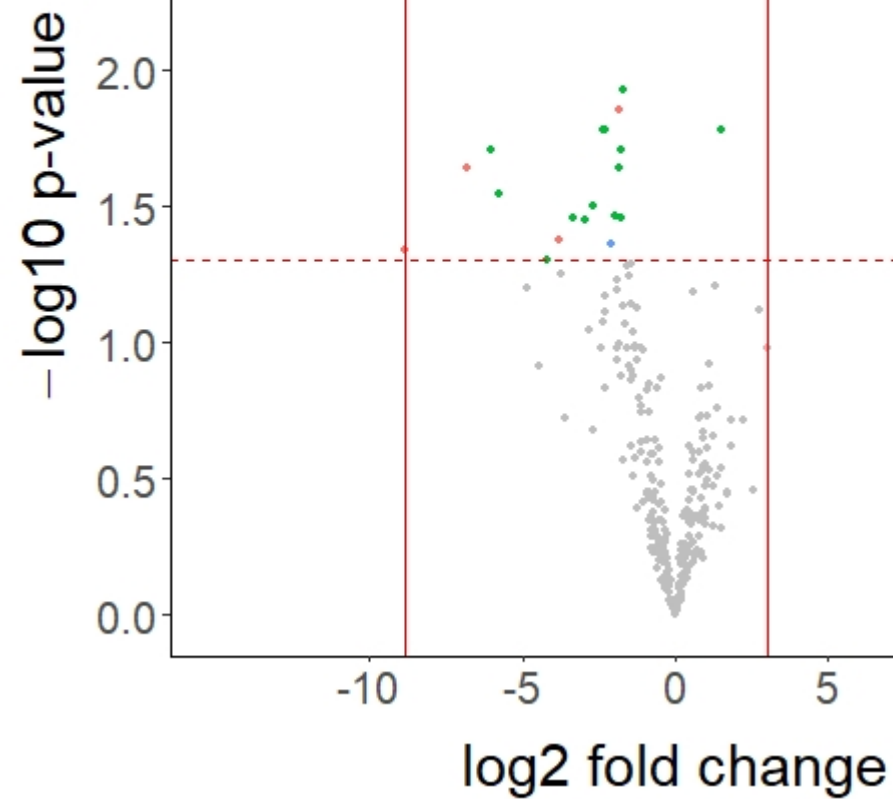


Unweighted Unifrac PCoA

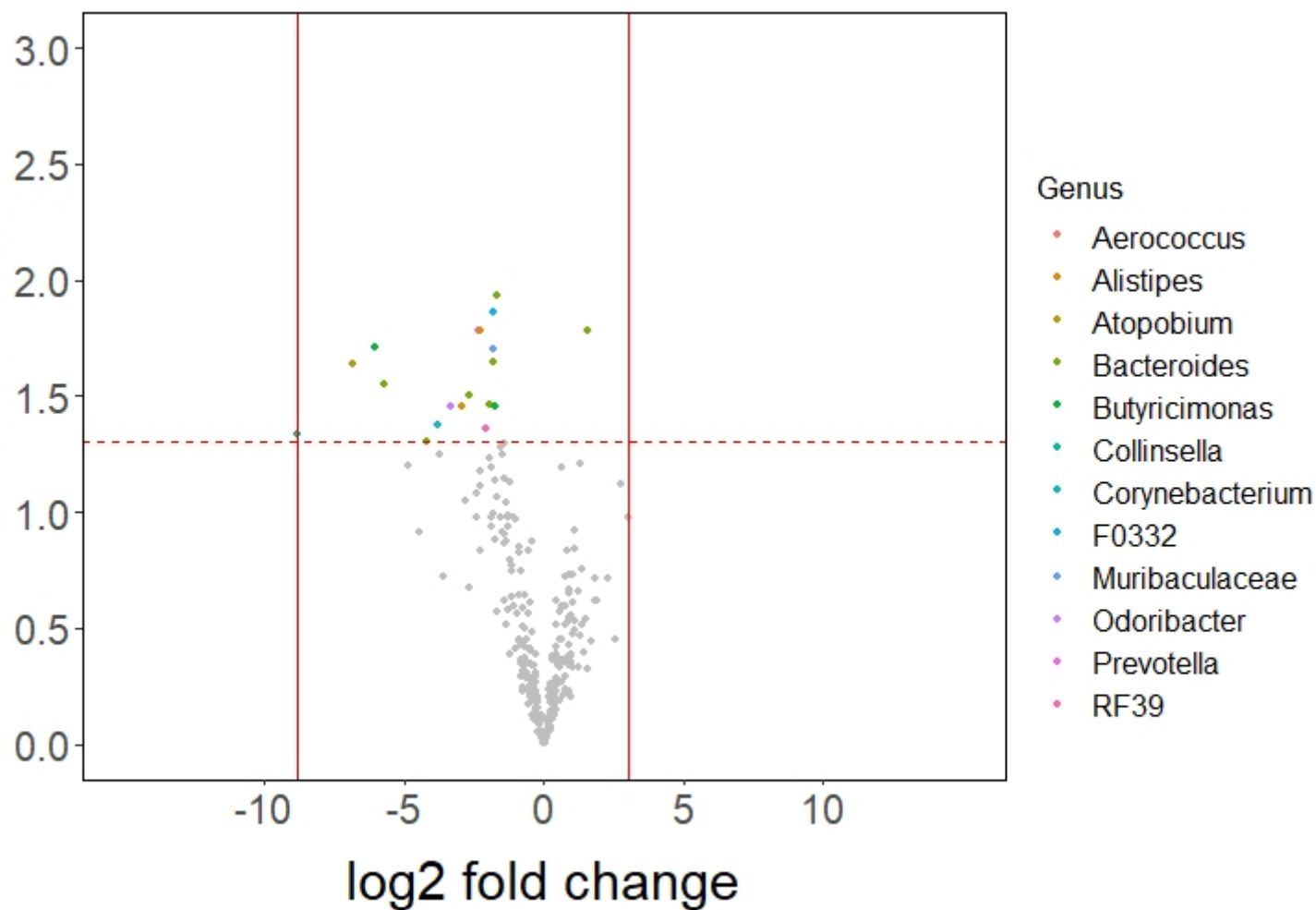


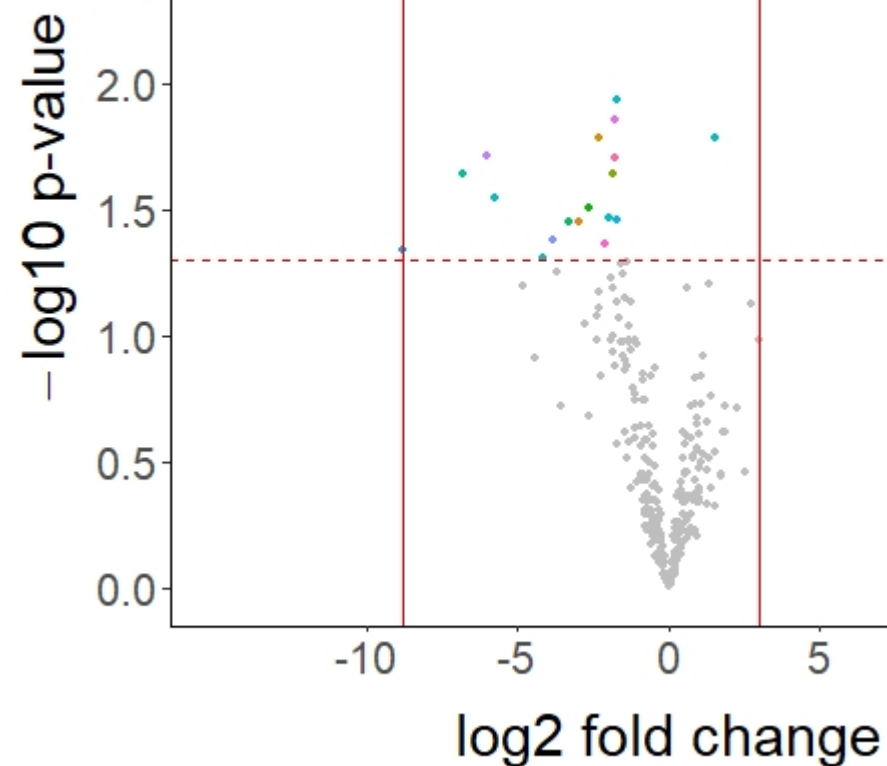
Weighted Unifrac PCoA





$-\log_{10} \text{ p-value}$

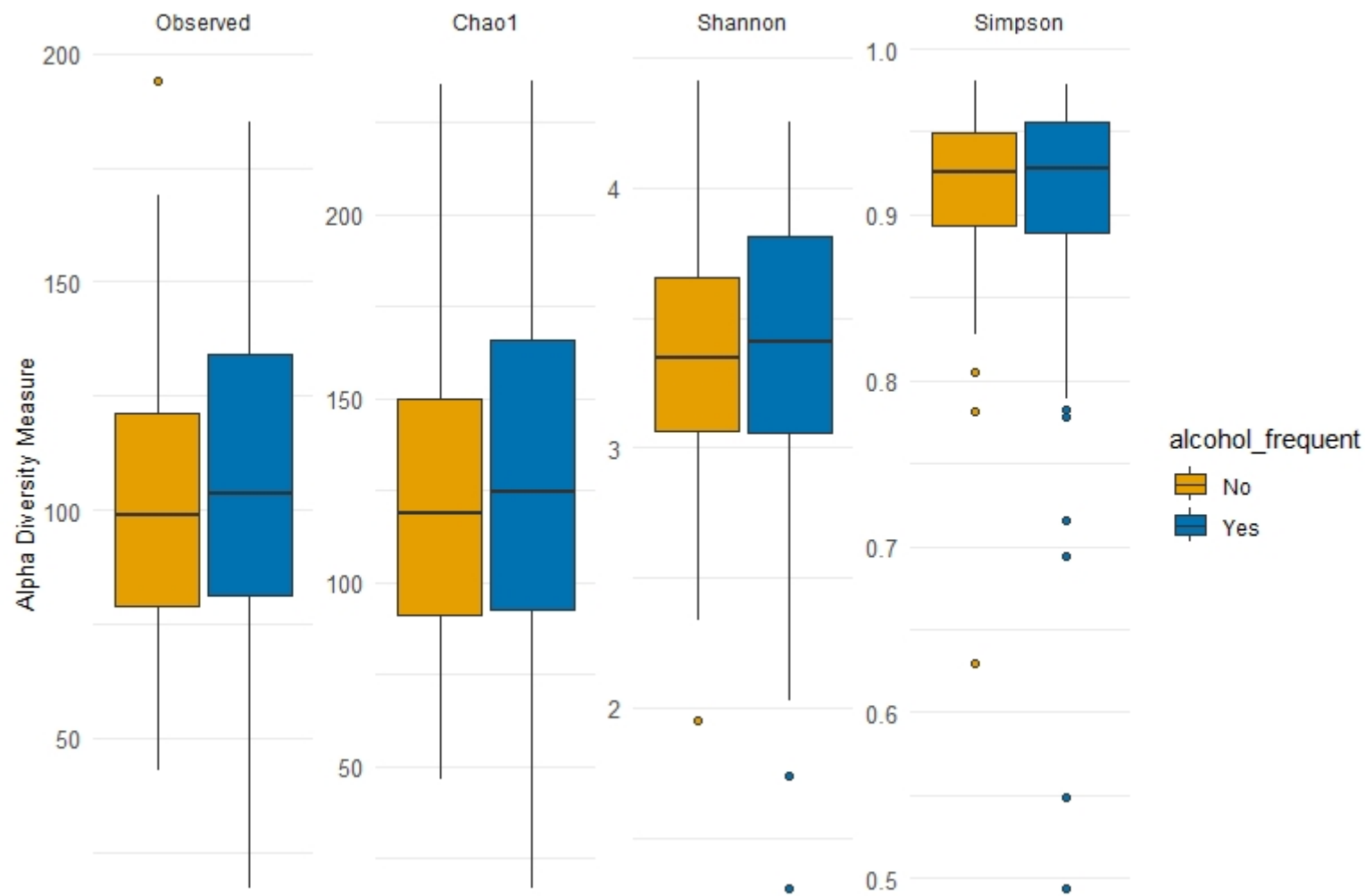




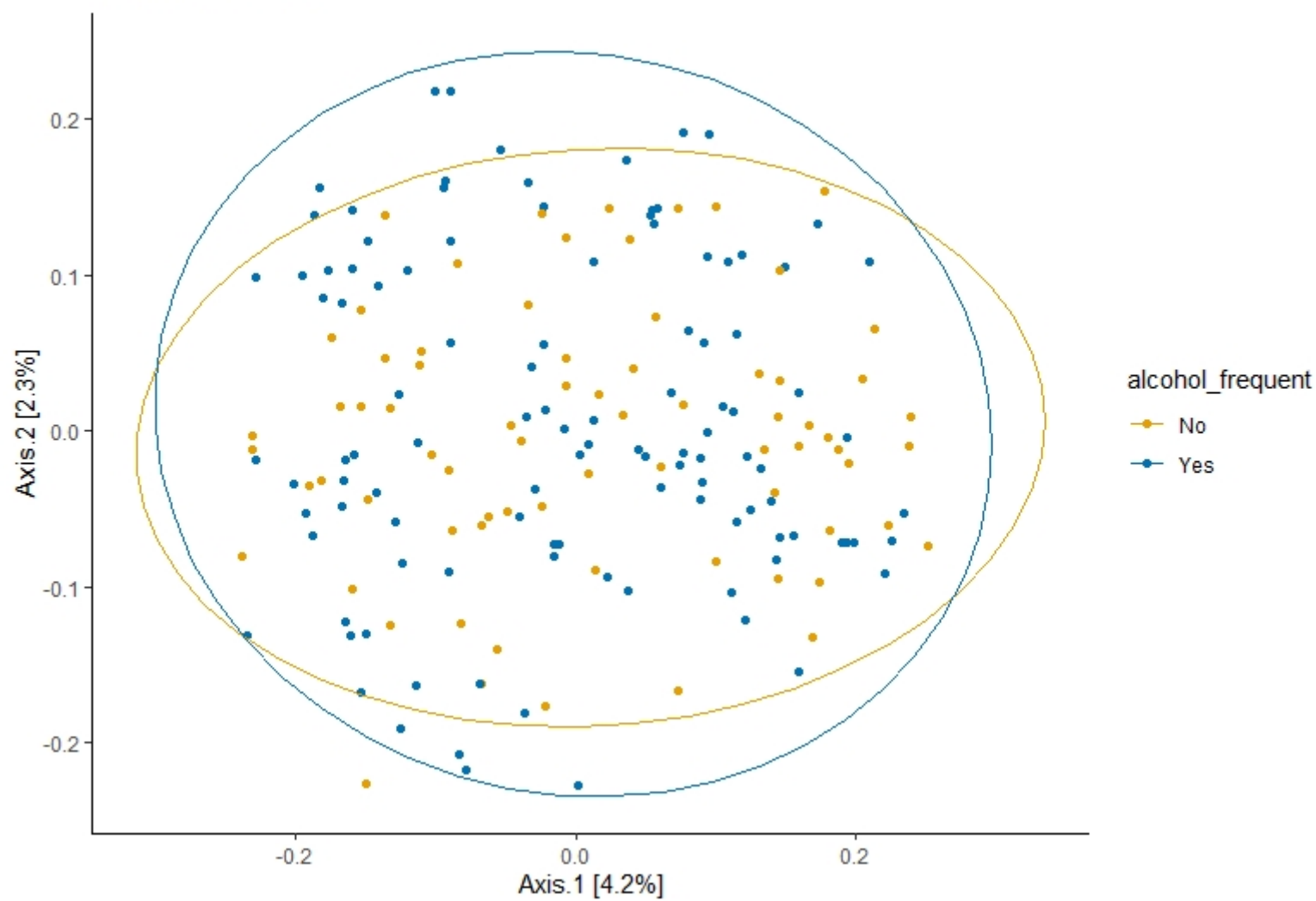
Species

- *Aerococcus_urinaehominis*
- *Alistipes_putredinis*
- *Alistipes_sp.*
- *Bacteroidales_bacterium_g__Prevotella*
- *Bacteroides_barnesiae*
- *Bacteroides_vulgatus*
- *Odoribacter_splanchnicus*
- *un_g__Atopobium*
- *un_g__Bacteroides*
- *un_g__Butyricimonas*
- *un_g__Collinsella*
- *un_g__Corynebacterium*
- *uncultured_bacterium_g__Butyricimonas*
- *uncultured_bacterium_g__F0332*
- *uncultured_Mollicutes*
- *uncultured_organism_g__Muribaculaceae*

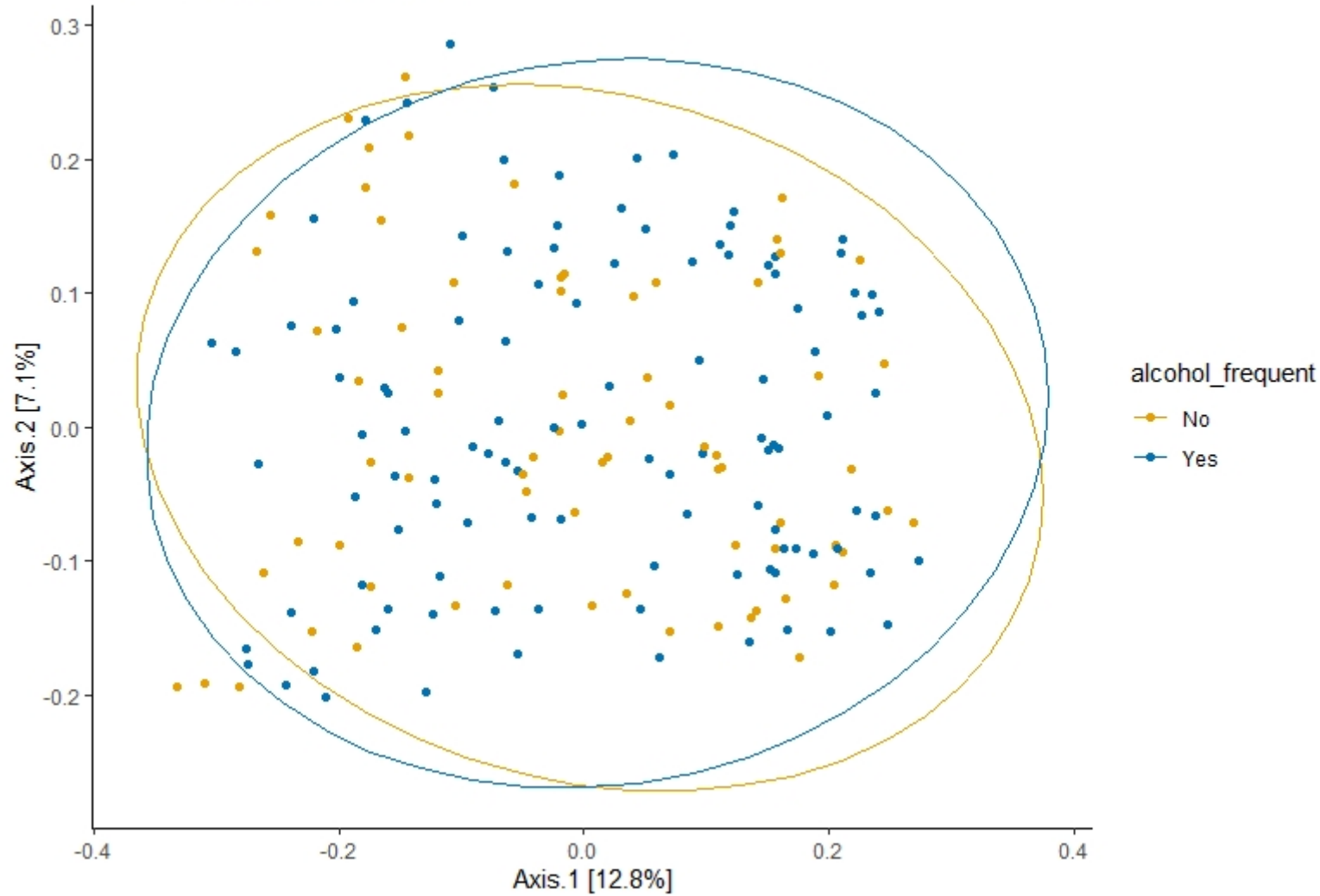
Variable	No	Yes	p_value
Age	68.2	68.2	0.957
Sex			
female	67.4	65.8	0.615
male	68.6	69.3	
Race			
Black or African	58	NA	0.511
More Than One	60	NA	
White	68.4	68.2	
Height (in)	67.6	68.2	0.342
Weight (lbs)	175.0	176.0	0.941
BMI	26.8	26.5	0.750
Latitude	42.5	44.4	0.00571
Location			
Albany, NY	69.0	69.4	0.00405
Atlanta, GA	66.9	59.9	
Seattle, WA	67.6	69.1	
Longitude	-91.0	-102.0	0.00107
Smoke100			
No	68.5	68.4	0.00362
Yes	66.8	68.4	
NA	68.8	66.6	
Coffee Amount	1.03	1.26	0.0674
Fruits or Vegetables			
No	68.1	67.9	0.766
Yes	68.0	68.3	
NA	72.5	NA	
Grains			
No	67.5	66.7	1.00
Yes	68.3	68.8	
NA	72.5	74.5	
Meats			
No	65.8	67.7	0.866
Yes	69.9	68.5	
NA	72.5	78.0	
Nuts			
No	68.2	68.4	0.662
Yes	67.4	67.7	
NA	72.5	NA	
Yogurt			
No	68.0	68.0	0.351
Yes	66.4	71.4	
NA	74.0	70.0	
Other Neuro Problems			
No	68.0	68.1	1.00
Yes	69.0	66.0	
NA	69.5	69.5	



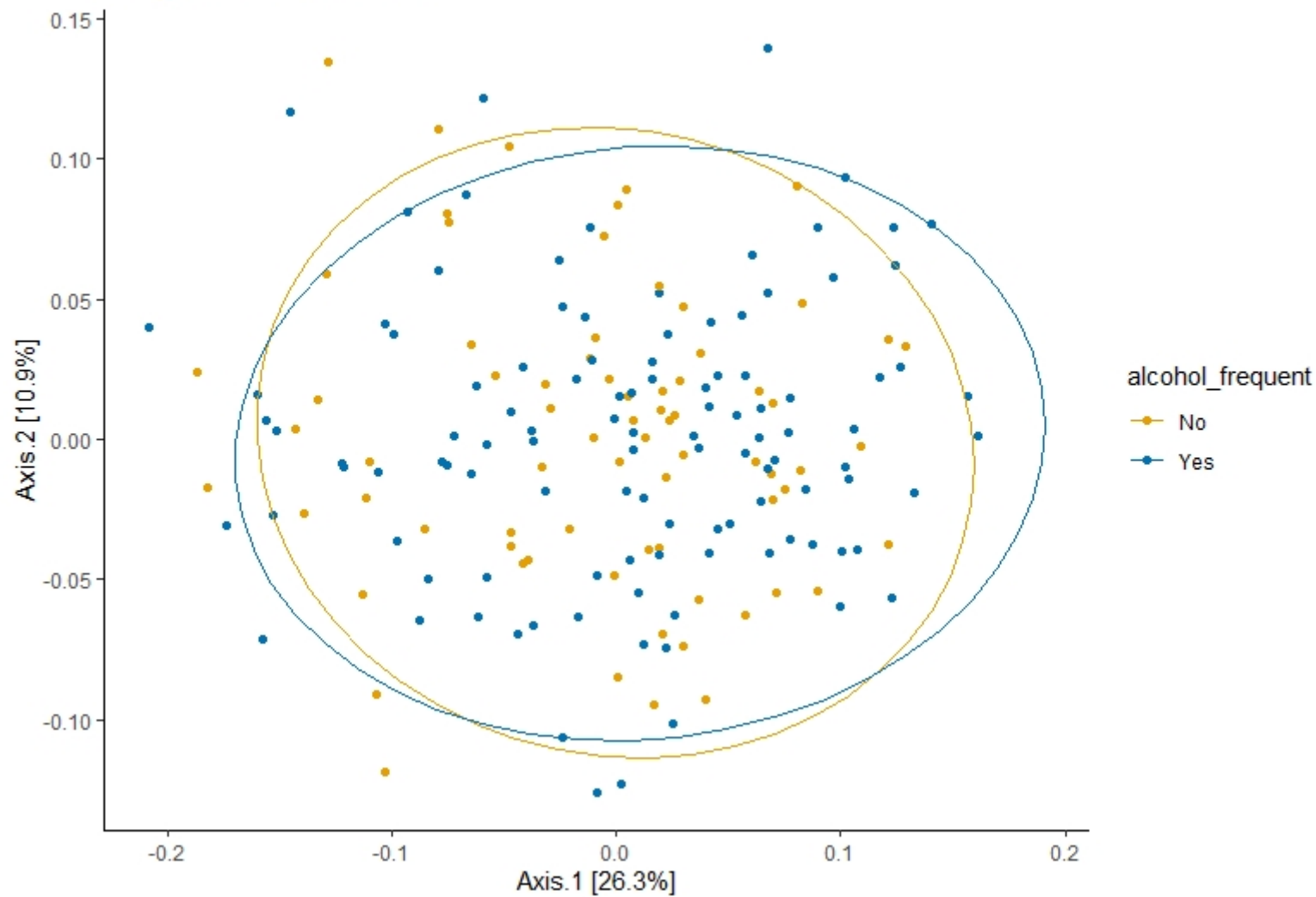
Canberra PCoA

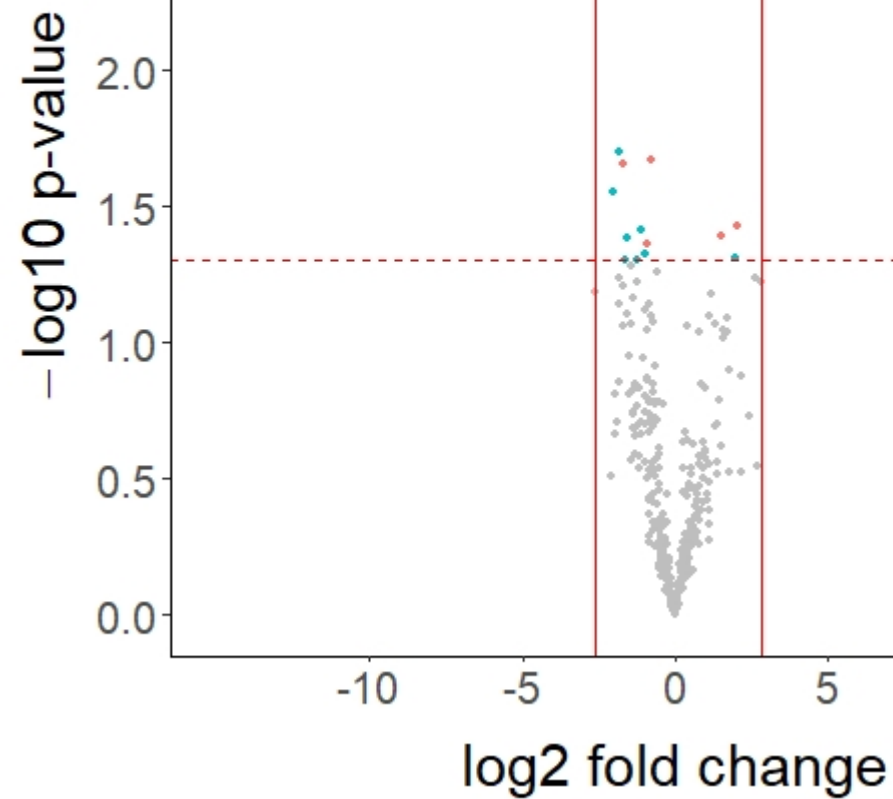


Unweighted Unifrac PCoA

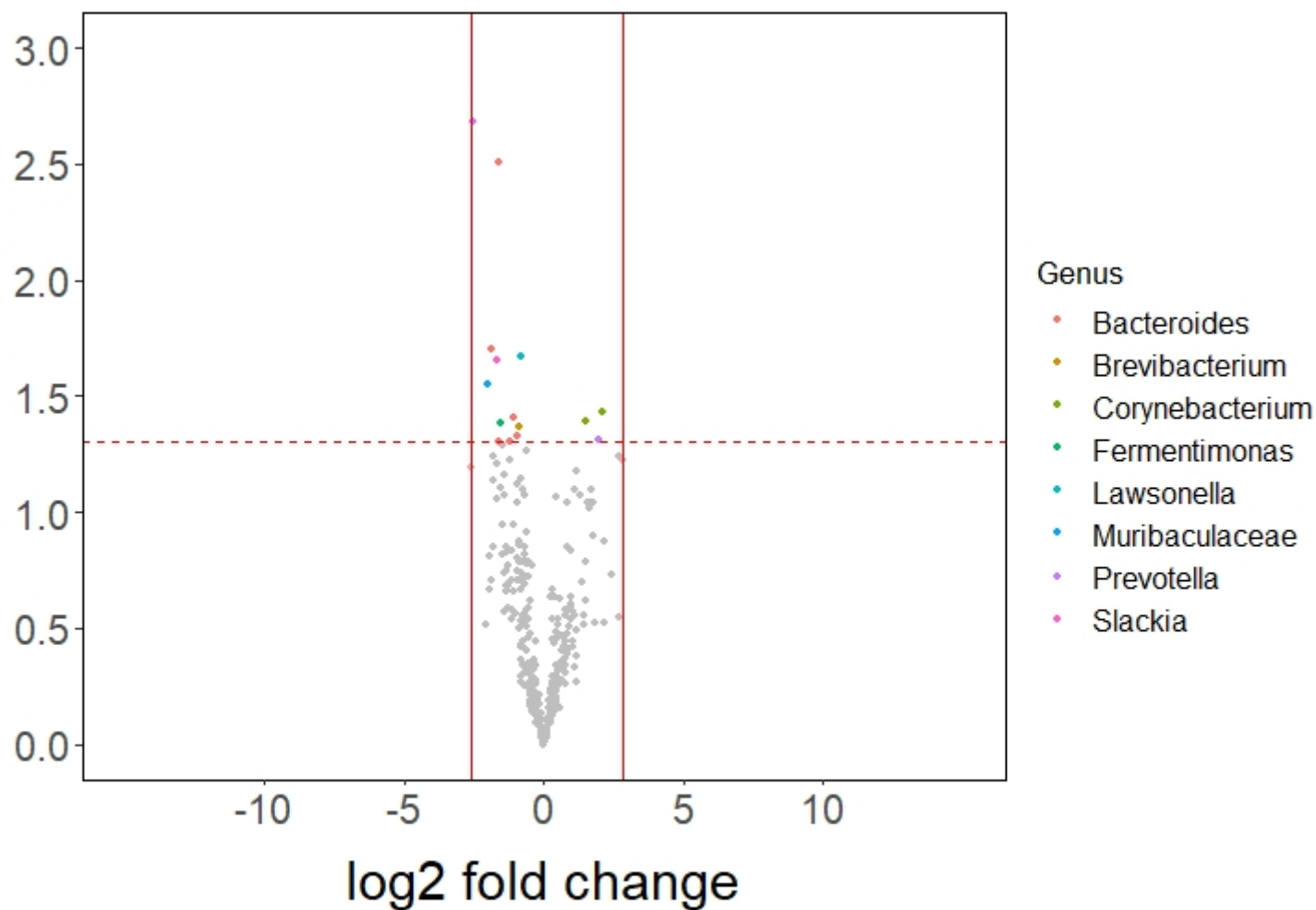


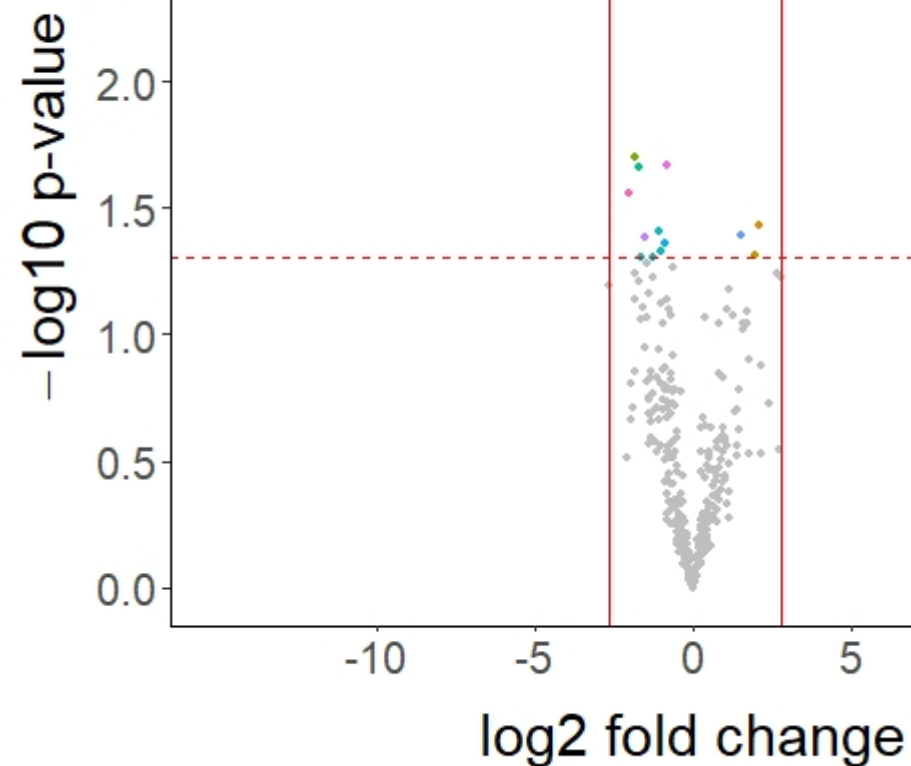
Weighted Unifrac PCoA





$-\log_{10}$ p-value





Species

- *Bacteroides_barnesiae*
- *Corynebacterium_durum*
- gut_metagenome_g__Prevotella
- metagenome_g__Bacteroides
- Prevotellaceae_bacterium_g__Prevotella
- *Slackia_exigua*
- un_g__Bacteroides
- un_g__Brevibacterium
- un_g__Corynebacterium
- un_g__Fermentimonas
- un_g__Lawsonella
- uncultured_bacterium_g__Muribaculaceae

