Metadata input MDS plot Data input Data filter Is the data of one level (or multiple taxonomic levels)? False  $\blacksquare$ Select the variable for stratification Study Variable preview: Sugar Café Select the values for stratification (separated with comma) Café Should ASV be excluded from the analysis (this changes the P-value distribution and FDR)? True **Prevalence cutoff** 0.25 **Abundance cutoff** 0 **Preview rows** 5

Run

Alpha diversity plot

Taxa barplot

Data filter

Statistical test

	JF101	JF102	JF103	JF104	JF105	JF106	JF107	JF108	JF109	JF110
d_Bacteria p_Firmicutes	13769.29	26559.28	18406.42	21335.46	21889.02	18803.89	17080.98	21590.50	14558.04	30423.29
d_Bacteria p_Firmicutes c_Clostridia	11285.40	15816.13	11317.43	16064.25	16866.05	13093.32	6491.97	17721.56	10687.21	27077.14
d_Bacteria p_Firmicutes c_Clostridia o_Clostridiales	11234.01	15439.49	11317.43	16040.91	16714.41	13093.32	6491.97	17721.56	10687.21	27077.14
d_Bacteria p_Bacteroidetes	17197.91	8678.10	16523.85	14987.53	13924.53	16047.51	16889.09	14399.95	21422.41	5287.87
d_Bacteria p_Bacteroidetes- -c_Bacteroidia	17197.91	8678.10	16523.85	14987.53	13924.53	16047.51	16889.09	14399.95	21422.41	5287.87

Tree plot

Boxplot plot

Correlation plot

P vs P plot