

Table S5. P-values for the differences in relative abundance for COVID-19 status, use of breathing assistance, and use of antibiotics.

Attribute	Genus	<i>p</i> -value
COVID-19 status	<i>Serratia</i>	0.028
COVID-19 status	<i>Veillonella</i>	0.038
COVID-19 status	<i>Neisseria</i>	0.104
COVID-19 status	<i>Peptoniphilus</i>	0.417
COVID-19 status	<i>Enterobacter</i>	0.585
COVID-19 status	<i>Finegoldia</i>	0.717
COVID-19 status	<i>Prevotella</i>	0.753
COVID-19 status	<i>Actinomyces</i>	0.760
COVID-19 status	<i>Staphylococcus</i>	0.864
COVID-19 status	<i>Rothia</i>	0.940
COVID-19 status	<i>Streptococcus</i>	0.961
Breathing Assistance	<i>Enterobacter</i>	0.007
Breathing Assistance	<i>Prevotella</i>	0.008
Breathing Assistance	<i>Veillonella</i>	0.012
Breathing Assistance	<i>Streptococcus</i>	0.012
Breathing Assistance	<i>Rothia</i>	0.017
Breathing Assistance	<i>Serratia</i>	0.024
Breathing Assistance	<i>Staphylococcus</i>	0.229
Antibiotic	<i>Finegoldia</i>	0.009
Antibiotic	<i>Serratia</i>	0.018
Antibiotic	<i>Peptoniphilus</i>	0.050
Antibiotic	<i>Rothia</i>	0.088
Antibiotic	<i>Prevotella</i>	0.114
Antibiotic	<i>Neisseria</i>	0.180
Antibiotic	<i>Veillonella</i>	0.195
Antibiotic	<i>Enterobacter</i>	0.197
Antibiotic	<i>Staphylococcus</i>	0.240