

Supplementary Table S8. ICU-COV(+) across time (Tracheal Aspirates) (MaAsLin2 test)

feature	metadata	value	coef	stderr	N	N.not.0	pval	qval
k__Bacteria_p__Proteobacteria_c__Gammaproteobacteria_o__Pseudomonadales_f__Pseudomonadaceae_g__Pseudomonas...	TimePoint	Baseline	-3.8877909	1.12586357	46	20	0.0012565	0.02177932
k__Bacteria_p__Firmicutes_c__Bacilli_o__Lactobacillales_f__Aerococcaceae_g__Abiotrophia...	TimePoint	Baseline	1.47125985	0.49436798	46	11	0.00477779	0.04968902
k__Bacteria_p__Firmicutes_c__Bacilli_o__Lactobacillales_f__Carnobacteriaceae_g__Granulicatella...	TimePoint	Baseline	1.94222193	0.51506545	46	14	0.00049194	0.01023231
k__Bacteria_p__Fusobacteria_c__Fusobacteriia_o__Fusobacteriales_f__Leptotrichiaceae_g__Leptotrichia...	TimePoint	Baseline	2.04415406	0.61197858	46	13	0.00173826	0.02285364
k__Bacteria_p__Proteobacteria_c__Gammaproteobacteria_o__Pasteurellales_f__Pasteurellaceae_g__Haemophilus_s__parainfluenzae.	TimePoint	Baseline	2.1540848	0.64565417	46	15	0.00175797	0.02285364
k__Bacteria_p__Fusobacteria_c__Fusobacteriia_o__Fusobacteriales_f__Fusobacteriaceae_g__Fusobacterium...	TimePoint	Baseline	2.90323401	0.94010412	46	23	0.00352083	0.04068518
k__Bacteria_p__Actinobacteria_c__Actinobacteria_o__Actinomycetales_f__Actinomycetaceae_g__Actinomyces...	TimePoint	Baseline	4.03835563	0.7826147	46	22	5.98E-06	0.0002074
k__Bacteria_p__Proteobacteria_c__Betaproteobacteria_o__Neisseriales_f__Neisseriaceae_g__Neisseria...	TimePoint	Baseline	4.36140321	1.07057155	46	16	0.00019513	0.00507346
k__Bacteria_p__Actinobacteria_c__Actinobacteria_o__Actinomycetales_f__Micrococaceae_g__Rothia_s__mucilaginosa.	TimePoint	Baseline	4.98766797	0.8659389	46	21	8.16E-07	4.25E-05
k__Bacteria_p__Firmicutes_c__Bacilli_o__Lactobacillales_f__Streptococcaceae_g__Streptococcus...	TimePoint	Baseline	5.53557293	0.90843475	46	28	2.67E-07	2.78E-05