

Supporting Information Table S4. Daily means of respiratory phenotypes across two respiratory pathogens

Day	Treatment	Sqrt(Freq)	Log10(TVb)	Log10(MVb)	Log10(Penh)	LN(Rpef)	Sqrt(PIF)	Sqrt(PEF)	1/Ti	Log10(Te)	Sqrt(EF50)	1/Tr
0	Mock	21.44	-0.68	1.96	-0.24	0.23	2.9	2.14	24.63	-0.96	0.47	19.92
	IAV	19.98	-0.59	1.99	-0.32	0.21	3	2.17	21.93	-0.88	0.48	16.79
	SARS	20.53	-0.68	1.92	-0.29	0.24	2.8	2.09	22.99	-0.92	0.45	17.92
1	Mock	16.54	-0.73	1.69	-0.08	0.17	2.19	1.75	15.2	-0.75	0.38	14.2
	IAV	18.86	-0.65	1.87	-0.24	0.21	2.74	1.99	20.75	-0.83	0.43	15.89
	SARS	17.85	-0.68	1.79	-0.33	0.21	2.5	1.82	18.72	-0.77	0.38	13.15
2	Mock	20.69	-0.63	1.98	-0.27	0.23	2.88	2.15	21.99	-0.95	0.48	18.7
	IAV	17.52	-0.64	1.82	0.01	0.14	2.67	2.11	18.71	-0.77	0.43	16.41
	SARS	12.88	-0.58	1.59	0.71	0.08	2.6	2.47	15.55	-0.45	0.52	20.12
3	Mock	18.2	-0.66	1.84	-0.23	0.21	2.67	1.96	19.46	-0.79	0.39	14.83
	IAV	18.12	-0.46	2.02	0.32	0.12	3.48	2.93	21.3	-0.77	0.61	24.2
	SARS	13.74	-0.58	1.64	0.89	0.11	2.67	2.79	15.5	-0.49	0.69	29.18
4	Mock	18.05	-0.64	1.85	-0.22	0.22	2.64	1.94	18.07	-0.81	0.41	15.12
	IAV	18.11	-0.49	2.01	0.21	0.12	3.38	2.74	21.19	-0.8	0.14	15.16
	SARS	14.66	-0.6	1.7	0.61	0.1	2.94	2.52	17.41	-0.58	0.61	26.93
7	Mock	20.08	-0.63	1.96	-0.24	0.24	2.89	2.17	21.57	-0.9	0.47	17.87
	IAV	11.79	-0.46	1.65	1.09	0.05	3.01	3.08	16.28	-0.37	0.77	29.16
	SARS	18.65	-0.64	1.89	0.27	0.15	2.9	2.45	21.66	-0.85	0.62	29.61
10	Mock	20.26	-0.65	1.95	-0.23	0.23	2.88	2.13	22.19	-0.91	0.45	17.93
	IAV	19.12	-0.53	2.03	0.45	0.14	3.34	2.96	21.99	-0.86	0.74	33.39
	SARS	18.9	-0.59	1.94	0.06	0.17	2.94	2.41	20.08	-0.87	0.57	25.36
14	Mock	20.45	-0.63	1.97	-0.4	0.28	2.98	2.12	23.1	-0.9	0.45	16.03
	IAV	18.61	-0.59	1.94	0.2	0.15	2.93	2.57	19.62	-0.84	0.61	24.95
	SARS	20.69	-0.58	2.04	0.04	0.2	3.17	2.59	22.82	-0.95	0.62	27.62
21	Mock	19.2	-0.63	1.9	-0.27	0.2	2.86	2.1	21.67	-0.83	0.41	15.23
	IAV	19.49	-0.57	1.99	-0.14	0.16	3.01	2.33	20.78	-0.87	0.47	18.21
	SARS	19.75	-0.58	2	-0.13	0.19	2.92	2.29	19.67	-0.92	0.48	19.97
28	Mock	18.52	-0.6	1.91	-0.33	0.26	2.83	2.02	19.48	-0.81	0.41	13.94
	IAV	18.85	-0.56	1.97	-0.23	0.18	2.99	2.21	20.23	-0.84	0.43	15.62
	SARS	21.85	-0.56	2.11	-0.21	0.21	3.26	2.51	23.33	-1	0.53	22.49