

Supplementary Table S5. Association between viral infection and test for respiratory symptoms (SGRQ, CAT, MMRC, WURSS; lung function and FeNO) at URTI-FUP visits

Outcome	Factor	Value	Beta coeff	Std err	p-value	OR	95% CI for OR	p-value overall effect of factor	Nr. obs. used	Nr. obs. read
Viral Infection	Intercept	-	-5.053	1.333	0.000				356	400
	Patient's sex	Female	-0.477	0.349	0.173	0.621	0.31-1.23	0.173		
		Male	0.000					0.173		
	Patient's age	1 year	0.041	0.018	0.022	1.042	1.00-1.08	0.022		
SGRQ Symptoms score	1 unit	0.011	0.007	0.106	1.011	0.99- 1.02	0.106			
Viral Infection	Intercept	-	-4.599	1.279	0.000				356	400
	Patient's sex	Female	-0.434	0.343	0.208	0.648	0.32-1.27	0.208		
		Male	0.000					0.208		
	Patient's age	1 year	0.039	0.018	0.029	1.040	1.00- 1.07	0.029		
SGRQ Activity score	1 unit	0.005	0.007	0.473	1.005	0.99-1.02	0.473			
Viral Infection	Intercept	-	-4.543	1.261	0.000				356	400
	Patient's sex	Female	-0.447	0.346	0.197	0.639	0.32-1.26	0.197		
		Male	0.000					0.197		
	Patient's age	1 year	0.040	0.018	0.024	1.041	1.00-1.07	0.024		
SGRQ Impacts score	1 unit	0.006	0.008	0.406	1.006	0.99-1.02	0.406			
Viral Infection	Intercept	-	-4.668	1.280	0.000				356	400
	Patient's sex	Female	-0.460	0.347	0.187	0.631	0.31-1.25	0.187		
		Male	0.000					0.187		
	Patient's age	1 year	0.040	0.018	0.0275	1.040	1.00-1.07	0.027		
SGRQ Total score	1 unit	0.009	0.008	0.2945	1.009	0.99-1.02	0.294			
Viral Infection	Intercept	-	-4.842	1.285	0.0002				356	400
	Patient's sex	Female	-0.488	0.350	0.1658	0.614	0.30-1.22	0.166		
		Male	0.000					0.166		
	Patient's age	1 year	0.038	0.018	0.0340	1.039	1.00-1.07	0.034		
CAT	1 unit	0.036	0.019	0.0623	1.037	0.99-1.07	0.062			
Viral Infection	Intercept	-	-4.442	1.254	0.0005				355	400
	Patient's sex	Female	-0.389	0.342	0.2567	0.678	0.34-1.33	0.257		
		Male	0.000					0.257		
	Patient's age	1 year	0.043	0.019	0.0239	1.044	1.00-1.08	0.024		
MMRC Dyspnoe Scale	1 unit	-0.030	0.161	0.8506	0.970	0.70-1.33	0.851			
Viral Infection	Intercept	-	-4.954	1.294	0.0002				355	400

	Patient's sex	Female	-0.566	0.360	0.1174	0.568	0.27-1.15	0.117		
		Male	0.000					0.117		
	Patient's age	1 year	0.037	0.018	0.0413	1.038	1.00-1.07	0.041		
	WURSS21_Score_W	1 unit	0.021	0.006	0.0010	1.021	1.00-1.03	0.001		
Viral Infection	Intercept	-	-4.338	1.338	0.0014				356	400
	Patient's sex	Female	-0.390	0.345	0.2593	0.677	0.34-1.33	0.259		
		Male	0.000					0.259		
	Patient's age	1 year	0.042	0.018	0.0196	1.042	1.00-1.07	0.020		
	FEV1 (%), post-broncho	1 unit	-0.002	0.009	0.8194	0.998	0.98-1.01	0.819		
Viral Infection	Intercept	-	-4.688	1.265	0.0003				352	400
	Patient's sex	Female	-0.350	0.342	0.3069	0.705	0.35- 1.38	0.307		
		Male	0.000					0.307		
	Patient's age	1 year	0.040	0.018	0.0251	1.041	1.00-1.07	0.025		
	NO in exhaled air	1 unit	0.015	0.010	0.1372	1.015	0.99-1.03	0.137		
Coronavirus	Intercept	-	-6.570	2.956	0.0275				356	400
	Patient's sex	Female	-0.016	0.751	0.9832	0.984	0.22-4.33	0.983		
		Male	0.000					0.983		
	Patient's age	1 year	0.005	0.040	0.8908	1.005	0.92- 1.0	0.890		
	FEV1 (%), post-broncho	1 unit	0.038	0.018	0.0332	1.039	1.00-1.07	0.033		
Rhino_Enterovirus	Intercept	-	-4.760	1.536	0.0023				356	400
	Patient's sex	Female	-0.678	0.422	0.1098	0.508	0.22-1.16	0.110		
		Male	0.000					0.110		
	Patient's age	1 year	0.026	0.020	0.2043	1.026	0.98-1.06	0.204		
	SGRQ Symptoms score	1 unit	0.017	0.008	0.0361	1.018	1.00-1.03	0.036		
Rhino_Enterovirus	Intercept	-	-4.261	1.441	0.0035				356	400
	Patient's sex	Female	-0.673	0.419	0.1107	0.510	0.22-1.16	0.110		
		Male	0.000					0.110		
	Patient's age	1 year	0.022	0.020	0.2733	1.022	0.98-1.06	0.273		
	CAT	1 unit	0.045	0.022	0.0471	1.046	1.00-1.09	0.047		
Rhino_Enterovirus	Intercept	-	-4.246	1.417	0.0031				355	400
	Patient's sex	Female	-0.720	0.421	0.0889	0.487	0.21-1.11	0.089		
		Male	0.000					0.089		
	Patient's age	1 year	0.022	0.020	0.2768	1.022	0.98-1.06	0.277		
	WURSS21_Score_W	1 unit	0.020	0.007	0.0044	1.020	1.00-1.03	0.004		