

**Supplemental Table S1.** Neutralizing antibody decay associated with sex, age, and comorbid health conditions

	All participants with decreasing NAb titers (N = 65)		Decreasing NAb titers with outliers removed (N = 62)*		Participants with decreasing anti-nucleocapsid IgG COIs (N = 47)	
	Slope of Ab decay	P-value	Slope of Ab decay	P-value	Slope of decrease	P-value
<b>Age at enrollment</b>	0.009	0.15	-0.0007	0.47	-0.009	0.42
<b>Sex (female)</b>	-0.12	0.63	-0.03	0.37	-0.12	0.58
<b>Presence of comorbidities**</b>	-0.11	0.57	-0.02	0.46	-0.19	0.49

NAb=neutralizing antibodies, COI=cut off index

\*A subset (n=12) of the 77 participants with sera available for NAb testing at two timepoints were excluded due to NAb increases between the first and second collection dates.

\*\*Comorbidities means reporting having at least one of the following conditions at enrollment: BMI > 30 kg/m<sup>2</sup>, pulmonary disease, neurologic disease, liver disease, kidney disease, cardiovascular disease, diabetes, asthma, blood disorder; ~14% of workers in the sub-analysis had at least 1 comorbidity.