

**Figure S1. Trend in the GMT (95%CI) of anti-COVID19 IgG in screened HCWs, per sex.**

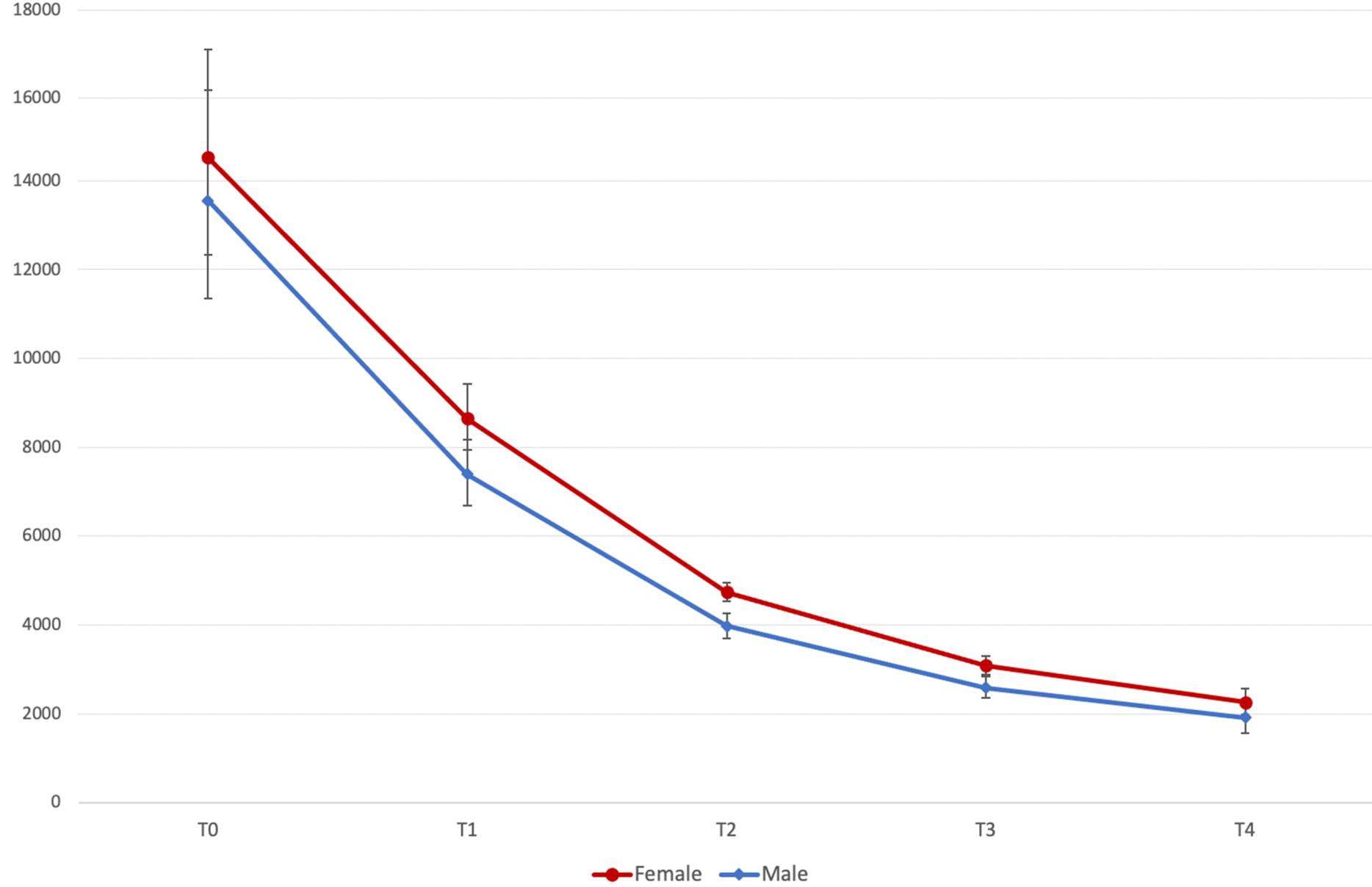
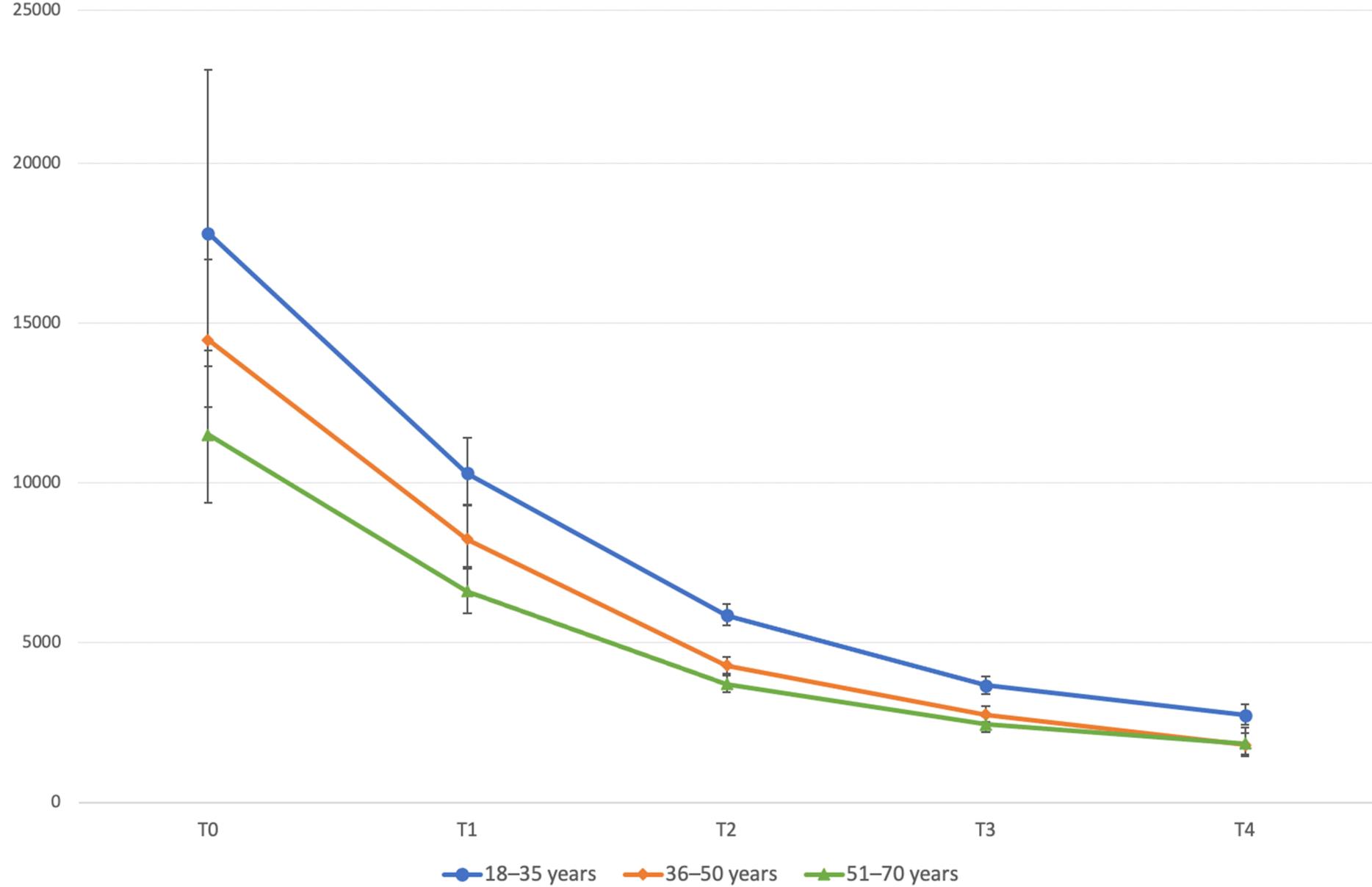
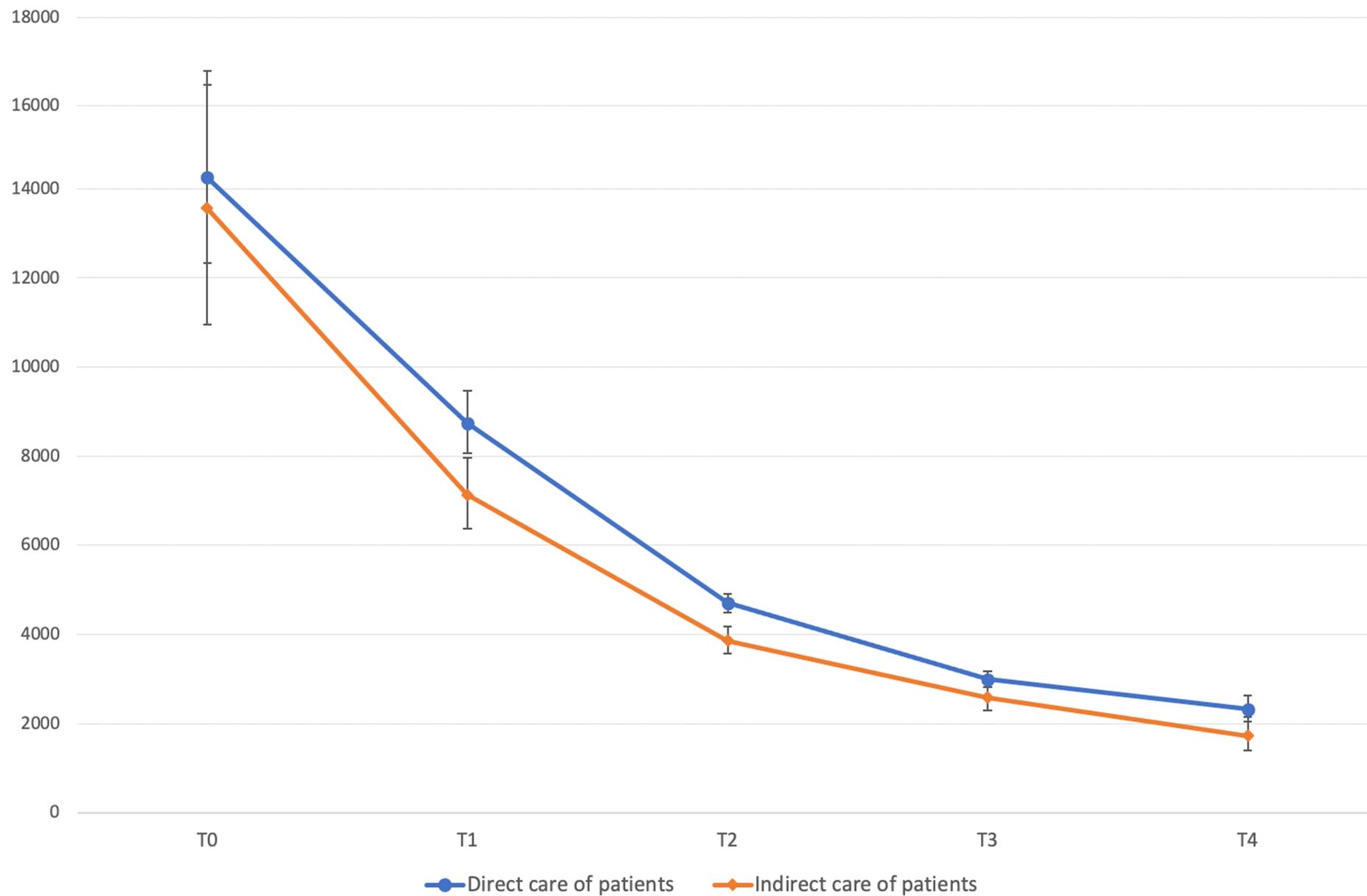


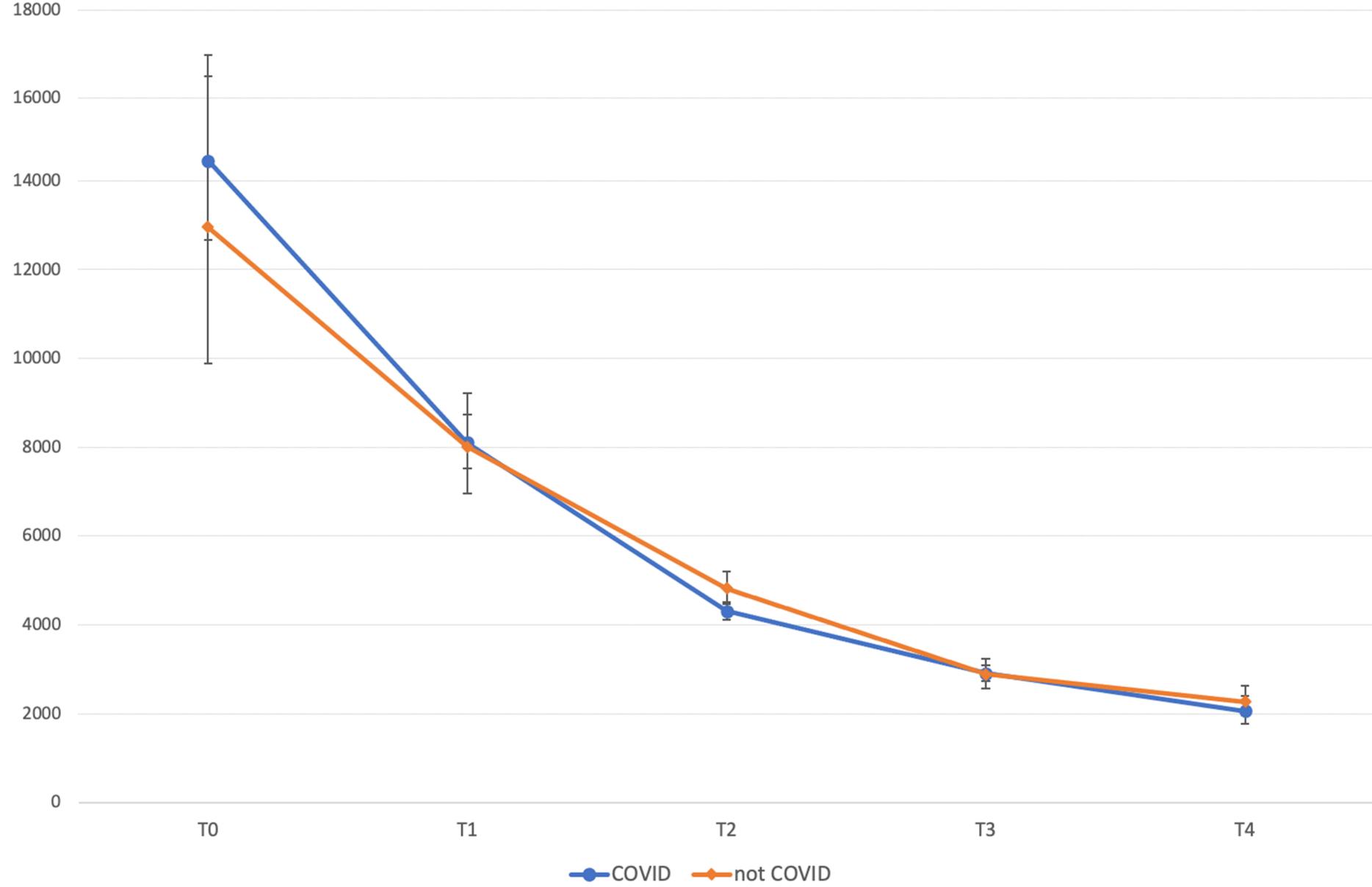
Figure S2. Trend in the GMT (95%CI) of anti-COVID19 IgG in screened HCWs, per age class.



**Figure S3. Trend in the GMT (95%CI) of anti-COVID19 IgG in screened HCWs, per job type.**



**Figure S4. Trend in the GMT (95%CI) of anti-**COVID19** IgG in screened HCWs, per ward.**



**Table S1. Tests of simple effects to explain the significant interaction between sex and time.**

	Contrast	95% confidence interval	Standard error	p-value
<b>Group</b>				
Male vs. female	-620.6	-1,174.4 – -66.8	282.6	0.028
<b>Time</b>				
T1 vs T0	-7,218.2	-8,021.0 – -6,413.4	410.6	<0.0001
T2 vs. T0	-12,371.0	-13,105.7 – -11,636.3	374.9	<0.0001
T3 vs. T0	-14,496.7	-15,308.8 – 13,684.7	414.3	<0.0001
T4 vs. T0	485.1	-16,466.6 – -14,564.9	485.1	<0.0001
<b>Group×time</b>				
(male vs. female)×(T1 vs. T0)	-1,659.4	-3,268.9 – -49.8	821.2	0.043
(male vs. female)×(T2 vs. T0)	-587.8	-2,057.3 – 881.7	749.7	0.433
(male vs. female)×(T3 vs. T0)	-333.9	-1,958.0 – 1,290.1	828.6	0.687
(male vs. female)×(T4 vs. T0)	-715.4	-2,617.1 – 1,186.3	970.3	0.461

**Table S2. Tests of simple effects to explain the significant interaction between age class and time.**

	Contrast	95% confidence interval	Standard error	p-value
<b>Group</b>				
36–50 vs. 18–35 yrs	-2252.5	-2,938.6 – -1,566.4	350.1	<0.0001
51–70 vs. 18–35 yrs	-2494.9	-3,132.2 – -1,857.5	325.2	<0.0001
<b>Time</b>				
T1 vs. T0	-7,336.5	-8,139.5 – -6,533.6	409.7	<0.0001
T2 vs. T0	-12,574.3	-13,307.6 – -11,841.0	374.1	<0.0001
T3 vs. T0	-14,817.7	-15,617.6 – -14,017.8	408.1	<0.0001
T4 vs. T0	-15,747.5	-16,675.1 – -14,819.9	473.3	<0.0001
<b>Group×time</b>				
(36–50 vs. 18–35 yrs)×(T1 vs. T0)	2,264.4	216.2 – 4,312.5	1,045.0	0.030
(36–50 vs. 18–35 yrs)×(T2 vs. T0)	3,185.0	1,321.1 – 5,049.0	951.0	0.001
(36–50 vs. 18–35 yrs)×(T3 vs. T0)	4,076.3	2,045.5 – 6,107.0	1,036.1	<0.0001
(36–50 vs. 18–35 yrs)×(T4 vs. T0)	4,092.1	1,740.8 – 6,443.3	1,199.6	0.001
(51–70 vs. 18–35 yrs)×(T1 vs. T0)	3,064.3	1,129.1 – 4,999.6	987.4	0.002
(51–70 vs. 18–35 yrs)×(T2 vs. T0)	5,070.2	3,277.1 – 6,863.4	914.9	<0.0001
(51–70 vs. 18–35 yrs)×(T3 vs. T0)	5,697.8	3,756.2 – 7,639.5	990.6	<0.0001
(51–70 vs. 18–35 yrs)×(T4 vs. T0)	6,369.6	4,162.6 – 8,576.5	1,126.0	<0.0001

**Table S3. Tests of simple effects to explain the significant interaction between job type (direct care vs. indirect care of patients) and time.**

	<b>Contrast</b>	<b>95% confidence interval</b>	<b>Standard error</b>	<b>p-value</b>
<b>Group</b>				
Direct vs. indirect	-870.8	-1,463.9 – -277.7	302.6	0.004
<b>Time</b>				
T1 vs. T0	-7,178.9	-8,073.8 – -6,284.1	456.6	<0.0001
T2 vs. T0	-12,279.4	-13,111.4 – -11,447.4	424.5	<0.0001
T3 vs. T0	-14,362.8	-15,287.1 – -13,438.4	471.6	<0.0001
T4 vs. T0	-15,413.3	-16,445.1 – -14,381.5	526.4	<0.0001
<b>Group×time</b>				
(Direct vs. indirect)×(T1 vs. T0)	-715.9	-2,505.7 – 1,703.9	913.2	0.433
(Direct vs. indirect)×(T2 vs. T0)	280.1	-1,383.9 – 1,944.1	849.0	0.741
(Direct vs. indirect)×(T3 vs. T0)	667.9	-1,180.8 – 2,516.5	943.2	0.479
(Direct vs. indirect)×(T4 vs. T0)	142.9	-1,920.6 – 2,206.6	1,052.9	0.892

**Table S4. Tests of simple effects to explain the significant interaction between wards (COVID vs. not COVID) and time.**

	<b>Contrast</b>	<b>95% confidence interval</b>	<b>Standard error</b>	<b>p-value</b>
<b>Group</b>				
COVID vs. not COVID	-25.0	-645.8 – 595.7	316.7	0.937
<b>Time</b>				
T1 vs. T0	-7,059.2	-7,946.4 – -6,172.1	452.6	<0.0001
T2 vs. T0	-12,176.2	-12,978.4 – -11,373.9	409.3	<0.0001
T3 vs. T0	-14,404.6	-15,286.7 – -13,522.6	450.0	<0.0001
T4 vs. T0	-15,400.3	-16,412.4 – -14,388.1	516.4	<0.0001
<b>Group×time</b>				
(COVID vs. not COVID)×(T1 vs. T0)	407.8	-1,366.5 – 2,182.2	905.3	0.450
(COVID vs. not COVID)×(T2 vs. T0)	763.2	-841.4 – 2,367.8	818.7	0.930
(COVID vs. not COVID)×(T3 vs. T0)	470.4	-1,293.7 – 2,234.4	900.0	0.520
(COVID vs. not COVID)×(T4 vs. T0)	263.5	-1,760.7 – 2,287.8	1032.8	0.260