

				95% Confidence Interval						
				Lower	Upper					
	COVID	Sex	Mean			Median	SD	Variance	Minimum	Maximum
Age	Non-Severe	1	48.82	48.21	49.44	52.00	19.93	397.40	0	91
		2	48.19	47.40	48.99	56	24.67	608.51	0	92
	Severe	1	53.51	53.18	53.85	55	18.25	333.09	0	94
		2	51.90	51.57	52.24	57	21.52	463.19	0	99
Erythrocytes	Non-Severe	1	4.09	4.06	4.11	4.20	0.81	0.65	1.14	6.36
		2	4.15	4.11	4.18	4.25	0.98	0.96	0.92	7.44
	Severe	1	3.52	3.50	3.54	3.42	0.89	0.80	1.13	7.95
		2	3.68	3.66	3.70	3.57	0.97	0.95	0.06	8.03
Haemoglobin	Non-Severe	1	10.97	9.98	11.96	12.50	2.64	6.96	6.20	14.10
		2	11.17	10.42	11.92	10.90	2.48	6.15	5.80	15.90
	Severe	1	8.32	7.88	8.76	8.00	2.18	4.76	4.30	17.70
		2	8.48	8.01	8.94	8.20	1.89	3.58	5.40	15.20
Leukocytes	Non-Severe	1	16.01	9.29	22.73	6.76	193.24	37341.42	0.07	9333.00
		2	9.57	7.96	11.19	6.77	45.35	2056.59	0.03	1615.00
	Severe	1	20.44	13.10	27.78	9.14	360.23	129766.51	0.01	31794.00
		2	20.49	14.69	26.28	8.89	332.28	110412.67	0.00	22636.00
Mature Neutrophils	Non-Severe	1	25.96	3.54	48.38	30.70	18.06	326.08	1.30	45.90
		2	39.87	21.46	58.29	29.30	27.41	751.38	12.00	94.30
	Severe	1	53.97	44.33	63.61	58.50	28.49	811.68	0.00	100.00
		2	53.97	47.02	60.93	62.20	31.05	963.81	0.00	100.00
Immature Neutrophils	Non-Severe	1	4.34	4.05	4.63	2.00	6.73	45.25	0.00	56.00
		2	4.89	4.57	5.20	2.00	7.32	53.51	0.00	58.00
	Severe	1	9.20	9.00	9.41	7.00	9.58	91.85	0.00	86.00
		2	8.81	8.65	8.98	7.00	9.03	81.50	0.00	86.00
Neutrophils	Non-Severe	1	25.96	3.54	48.38	30.70	18.06	326.08	1.30	45.90
		2	39.87	21.46	58.29	29.30	27.41	751.38	12.00	94.30
	Severe	1	53.97	44.33	63.61	58.50	28.49	811.68	0.00	100.00
		2	54.55	47.59	61.51	62.35	31.27	978.09	0.00	100.00
Basophils	Non-Severe	1	0.12	-0.04	0.28	0.10	0.13	0.02	0.00	0.30
		2	0.25	0.02	0.47	0.10	0.34	0.12	0.00	1.10
	Severe	1	0.19	0.08	0.31	0.00	0.33	0.11	0.00	1.30
		2	0.38	0.23	0.54	0.00	0.70	0.48	0.00	4.20
Eosinophils	Non-Severe	1	2.02	-0.09	4.13	1.40	1.70	2.88	0.00	4.20
		2	2.94	0.77	5.10	2.30	3.23	10.41	0.00	10.20
	Severe	1	0.64	0.27	1.00	0.00	1.08	1.17	0.00	4.10
		2	4.10	1.84	6.37	0.00	10.10	102.11	0.00	49.40
Lymphocytes	Non-Severe	1	27.87	27.36	28.38	26.10	14.66	215.05	1.00	98.40
		2	27.76	27.17	28.35	25.60	16.51	272.57	1.00	97.00
	Severe	1	16.41	16.13	16.69	13.00	13.79	190.13	0.00	100.00
		2	15.07	14.84	15.30	12.00	13.04	169.97	0.00	100.00
Atypical Lymphocytes	Non-Severe	1	0.10	0.08	0.12	0	0.44	0.19	0	5
		2	0.10	0.09	0.12	0.00	0.42	0.17	0	4
	Severe	1	0.08	0.07	0.09	0.00	0.41	0.16	0	10

Note. The CI of the mean assumes sample means follow a t-distribution with N - 1 degrees of freedom

		95% Confidence Interval								
	COVID	Sex	Mean	Lower	Upper	Median	SD	Variance	Minimum	Maximum
Monocytes	Non-Severe	2	0.08	0.07	0.09	0.00	0.37	0.14	0	9
		1	7.73	7.59	7.86	7.30	3.86	14.89	0.00	53.00
	Severe	2	8.72	8.54	8.90	8.20	4.99	24.89	0.00	71.00
		1	6.22	6.11	6.32	5.10	5.28	27.88	0.00	74.00
		2	6.74	6.65	6.82	6.00	4.87	23.74	0.00	72.00
Platelets	Non-Severe	1	255394.61	250325.24	260463.99	248000	146371.32	21424562472.18	1000	2086000
		2	220002.88	215462.67	224543.09	212000	128195.16	16433999280.36	1000	1408000
	Severe	1	273170.63	269676.76	276664.50	259000.00	171720.75	29488015016.78	1000	1993000
		2	242513.44	239858.24	245168.64	231000	152455.81	23242773598.33	1000	1454000
Prothrombin Time	Non-Severe	1	15.74	15.20	16.27	12.60	9.62	92.56	9.40	167.80
		2	14.21	13.88	14.54	12.70	5.71	32.65	10.00	100.00
	Severe	1	15.88	15.54	16.21	13.30	9.42	88.81	0.00	167.20
		2	15.28	15.03	15.52	13.60	7.32	53.65	0.00	160.80
Prothrombin Time – Relation*	Non-Severe	1	1.42	1.37	1.47	1.14	0.86	0.74	0.85	15.12
		2	1.28	1.25	1.30	1.15	0.46	0.21	0.90	5.45
	Severe	1	1.50	1.41	1.59	1.20	2.57	6.59	0.00	92.00
		2	1.37	1.35	1.39	1.23	0.61	0.37	0.00	14.49
Prothrombin Time - International Normalized Ratio	Non-Severe	1	1.45	1.40	1.51	1.15	0.95	0.90	0.84	18.28
		2	1.30	1.27	1.33	1.16	0.54	0.30	0.90	8.60
	Severe	1	1.53	1.44	1.62	1.21	2.59	6.71	0.00	92.00
		2	1.42	1.37	1.47	1.24	1.60	2.56	0.00	86.00
Partial Thromboplastin Time	Non-Severe	1	28.80	28.05	29.55	27.60	6.78	45.97	19.90	97.00
		2	28.95	28.27	29.63	28.10	5.75	33.02	20.70	93.80
	Severe	1	34.01	32.91	35.11	29.70	15.83	250.52	16.00	125.10
		2	34.55	33.75	35.35	31.30	12.98	168.36	0.00	122.90
Partial Thromboplastin Time – Relation*	Non-Severe	1	1.09	1.06	1.12	1.04	0.25	0.06	0.76	3.57
		2	1.09	1.07	1.12	1.06	0.21	0.04	0.79	3.42
	Severe	1	1.40	1.24	1.56	1.10	2.27	5.13	0.60	38.00
		2	1.33	1.25	1.40	1.18	1.25	1.57	0.00	38.00
D-Dimer	Non-Severe	1	2.57	1.74	3.40	0.68	8.02	64.28	0.19	80.00
		2	2.73	1.94	3.52	0.69	8.15	66.39	0.19	80.00
	Severe	1	7.40	2.37	12.42	1.99	109.93	12084.90	0.00	4697.00
		2	5.58	5.10	6.06	2.16	12.18	148.29	0.19	270.00
Glucose	Non-Severe	1	114.74	111.50	117.98	94	63.89	4081.67	42	760
		2	122.88	119.26	126.51	101.00	67.06	4496.48	19	761
	Severe	1	135.15	131.31	138.99	108	79.73	6356.40	22	718
		2	125.84	122.92	128.75	101.00	74.18	5503.14	17	799
HbA1c	Non-Severe	1	6.70	6.49	6.90	5.90	2.16	4.68	4.20	19.10
		2	6.56	6.39	6.72	6.00	1.61	2.61	4.10	12.70

Note. The CI of the mean assumes sample means follow a t-distribution with N - 1 degrees of freedom

Descriptives

95% Confidence Interval										
	COVID	Sex	Mean	Lower	Upper	Median	SD	Variance	Minimum	Maximum
Total Cholesterol	Severe	1	7.16	6.86	7.47	6.30	2.28	5.21	4.00	16.20
		2	7.06	6.82	7.30	6.20	2.22	4.91	4.10	17.00
	Non-Severe	1	186.96	182.55	191.38	180.00	55.72	3105.01	74	630
		2	169.91	165.58	174.24	166	49.39	2439.60	7	377
	Severe	1	159.63	152.93	166.33	158.00	50.17	2517.03	7	383
		2	147.67	142.91	152.43	142	48.58	2360.04	26	325
HDL-C	Non-Severe	1	47.07	45.82	48.32	46	14.86	220.92	5	108
		2	39.61	38.47	40.76	38.00	11.79	138.91	8	91
	Severe	1	34.80	33.02	36.57	34	11.96	143.08	5	87
		2	30.10	28.82	31.38	29.00	11.09	122.94	5	83
LDL-C	Non-Severe	1	109.69	106.02	113.36	105.00	42.72	1824.99	15.00	417.00
		2	101.50	97.83	105.18	101.00	37.28	1390.05	18.00	261.00
	Severe	1	96.82	90.94	102.69	88.50	38.81	1506.59	31.00	222.00
		2	87.78	83.74	91.81	83.00	34.79	1210.20	11.00	206.00
Triglycerides	Non-Severe	1	149.74	140.76	158.73	121	113.85	12962.95	33	1575
		2	149.23	141.62	156.83	133	87.35	7630.04	7	866
	Severe	1	183.72	162.68	204.75	138.50	172.92	29900.32	17	1922
		2	172.04	160.27	183.81	147	124.94	15609.06	8	1434
Creatinine	Non-Severe	1	0.93	0.90	0.96	0.76	0.79	0.63	0.29	14.31
		2	1.35	1.30	1.40	0.98	1.43	2.05	0.32	20.77
	Severe	1	1.23	1.20	1.25	0.78	1.12	1.26	0.25	12.79
		2	1.63	1.60	1.67	1.00	1.75	3.06	0.20	70.29
Urea	Non-Severe	1	38.75	36.89	40.60	30	43.57	1898.48	5	1152
		2	48.25	46.68	49.82	36	37.58	1412.40	5	400
	Severe	1	63.50	62.43	64.57	47	49.83	2483.24	3	428
		2	74.94	73.88	76.00	56	57.61	3318.48	3	485
Potassium	Non-Severe	1	4.33	4.31	4.35	4.30	0.56	0.32	2.50	10.00
		2	4.50	4.48	4.53	4.50	0.65	0.42	2.50	9.60
	Severe	1	4.33	4.31	4.34	4.30	0.75	0.56	1.90	9.20
		2	4.47	4.46	4.49	4.40	0.81	0.66	1.60	9.80
Sodium	Non-Severe	1	139.65	139.51	139.80	140.00	3.38	11.41	118	178
		2	139.48	139.33	139.62	140	3.42	11.69	117	160
	Severe	1	139.89	139.78	140.00	140	5.26	27.71	110	196
		2	138.96	138.87	139.05	139	5.13	26.32	101	183
Alanine transaminase	Non-Severe	1	32.57	30.56	34.58	21	49.34	2434.39	5	1346
		2	42.18	39.79	44.57	25	56.37	3177.94	5	680
	Severe	1	68.72	59.44	77.99	28.00	259.34	67259.79	5	6423
		2	85.02	76.20	93.84	35.00	287.94	82911.29	5	8353
Aspartate transaminase	Non-Severe	1	32.30	30.36	34.23	22.00	47.56	2262.06	5	1285
		2	34.21	32.52	35.90	24.00	39.83	1586.04	5	693
	Severe	1	84.75	64.82	104.68	30.00	556.85	310082.04	5	20628
		2	86.02	72.15	99.89	33.00	451.63	203969.61	3	14501
Albumin	Non-Severe	1	3.72	3.69	3.76	3.80	0.61	0.37	0.40	5.00

Note. The CI of the mean assumes sample means follow a t-distribution with N - 1 degrees of freedom

		95% Confidence Interval								
	COVID	Sex	Mean	Lower	Upper	Median	SD	Variance	Minimum	Maximum
Total Protein		2	3.79	3.75	3.82	3.90	0.61	0.38	0.40	5.50
		Severe	2.93	2.90	2.96	3.00	0.72	0.51	0.40	5.60
		2	2.95	2.92	2.97	2.90	0.69	0.47	0.40	5.00
		Non-Severe	6.17	5.87	6.46	6.30	1.28	1.63	1.10	8.90
		2	6.23	6.11	6.36	6.30	0.92	0.84	0.80	8.80
		Severe	5.02	4.61	5.44	5.35	1.90	3.61	0.80	8.90
		2	5.34	5.14	5.54	5.50	1.50	2.26	0.80	12.20
		Non-Severe	2.37	2.17	2.57	2.20	0.85	0.73	0.60	5.40
Globulin		2	2.30	2.23	2.38	2.30	0.54	0.29	0.40	5.20
		Severe	2.53	2.26	2.80	2.50	1.24	1.54	0.40	5.80
		2	2.27	2.14	2.41	2.10	0.97	0.95	0.30	9.20
		Non-Severe	452.80	357.84	547.76	144.25	1135.81	1290066.33	1.98	17414.60
Ferritin		2	997.48	866.29	1128.66	447.81	1573.37	2475505.08	7.80	17379.20
		Severe	2231.23	1586.48	2875.98	780.42	15564.36	242249229.43	3.29	554293.00
		2	9370.31	-3894.97	22635.60	1565.32	360340.36	129845171960.02	7.92	19192600.00
		Non-Severe	4.10	3.73	4.47	1.19	5.97	35.64	0.04	58.18
C-reactive protein		2	5.34	4.94	5.75	2.09	6.58	43.30	0.04	44.73
		Severe	7.74	7.54	7.94	5.14	7.87	61.91	0.04	58.40
		2	8.23	8.06	8.39	6.21	7.38	54.44	0.04	63.79
		Non-Severe	70.06	51.37	88.76	54	129.57	16787.80	9	1743
Amylase		2	83.04	62.63	103.45	58.50	131.54	17302.14	11	1291
		Severe	91.46	71.26	111.67	49.00	159.57	25463.69	3	1495
		2	203.26	39.74	366.78	59	1451.21	2106019.53	4	24152
		Non-Severe	58.25	14.76	101.74	24.00	307.12	94322.97	3	4243
Lipase		2	62.90	29.73	96.06	26.00	209.68	43967.33	3	1907
		Severe	107.31	73.75	140.86	35	269.91	72850.92	3	2357
		2	404.94	-47.49	857.36	34.00	4021.90	16175712.81	3	60000
		Non-Severe	165.64	48.27	283.02	10.00	1001.32	1002634.66	1.30	11731.80
Troponin		2	1677.44	-1431.45	4786.33	10.00	26805.19	718518057.90	1.30	454946.00
		Severe	736.45	496.67	976.23	18.85	4049.35	16397266.18	1.30	63899.50
		2	2781.84	1065.93	4497.74	26.00	35643.68	1270471952.30	1.30	1312660.00
		Non-Severe	36.11	29.26	42.97	32.70	7.42	55.00	28.80	44.20
pCO2		2	38.35	13.96	62.74	36.55	23.24	539.93	0.00	69.40
		Severe	46.84	42.77	50.91	42.00	20.52	421.04	16.30	185.90
		2	46.31	43.66	48.95	43.50	16.89	285.31	0.00	149.30
		Non-Severe	84.56	49.39	119.72	88.10	38.03	1445.94	36.80	155.60
pO2		2	36.17	9.96	62.37	32.15	24.97	623.41	0.00	68.50
		Severe	82.95	76.02	89.88	73.70	34.74	1206.69	27.00	287.70
		2	79.16	74.19	84.13	73.20	31.53	993.93	0.00	181.40
		Non-Severe	89.89	76.04	103.73	97.00	14.97	224.01	57.20	99.10
sO2		2	56.47	21.26	91.67	57.45	33.54	1125.23	0.00	91.90
		Severe	91.95	90.07	93.83	94.30	9.36	87.70	43.20	99.60
		2	89.58	87.32	91.83	93.75	14.26	203.33	0.00	99.30
		Non-Severe								

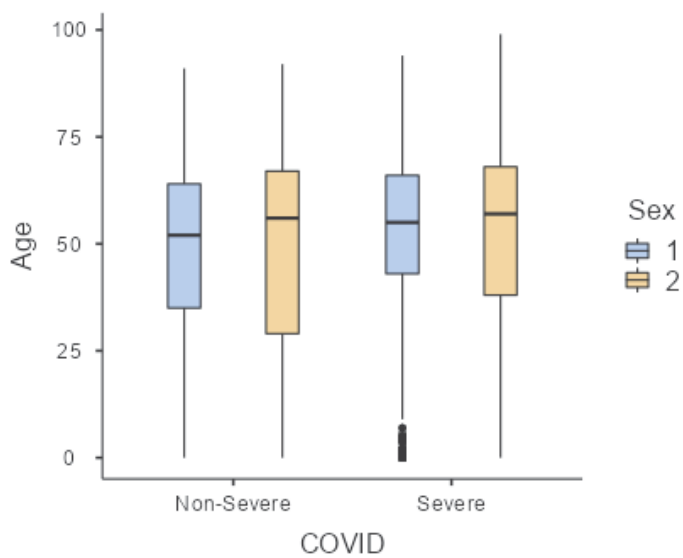
Note. The CI of the mean assumes sample means follow a t-distribution with N - 1 degrees of freedom

			95% Confidence Interval			Median	SD	Variance	Minimum	Maximum
	COVID	Sex	Mean	Lower	Upper					
pH	Non-Severe	1	4703.55	2201.24	7205.86	7359.00	3724.73	13873635.67	6.00	7472.00
		2	3664.67	393.36	6935.99	3572.18	3912.96	15311241.05	0.00	7434.00
	Severe	1	6183.12	5674.26	6691.97	7360.00	2717.66	7385657.03	5.50	7787.00
		2	6003.46	5589.11	6417.81	7307.00	2832.98	8025765.65	0.00	7747.00
HCO3 (standard)	Non-Severe	1	21.12	16.43	25.81	22.30	3.78	14.27	14.60	24.20
		2	17.87	8.44	27.30	20.70	8.98	80.73	0.00	23.80
	Severe	1	23.43	22.74	24.13	23.45	3.30	10.87	16.30	31.70
		2	21.78	20.90	22.66	22.00	5.41	29.30	0.00	41.10
HCO3 (actual)	Non-Severe	1	21.06	18.25	23.86	20.90	3.04	9.21	16.20	25.40
		2	19.20	9.06	29.34	22.20	9.67	93.42	0.00	27.20
	Severe	1	24.42	23.50	25.35	23.45	4.66	21.70	15.90	38.90
		2	22.86	21.95	23.77	22.70	5.79	33.56	0.00	43.20
BE(ECF)	Non-Severe	1	-4.40	-10.29	1.49	-3.50	4.75	22.54	-12.10	0.20
		2	-2.37	-5.22	0.48	-2.55	2.71	7.37	-6.10	1.10
	Severe	1	-1.08	-1.99	-0.18	-1.45	4.55	20.74	-9.60	12.00
		2	-3.10	-4.12	-2.08	-3.10	6.49	42.10	-24.40	18.70
BE(B)	Non-Severe	1	-3.24	-6.90	0.41	-2.00	3.95	15.61	-11.80	0.00
		2	-2.52	-5.54	0.51	-2.00	2.89	8.33	-7.40	0.10
	Severe	1	-1.08	-1.86	-0.31	-1.10	3.91	15.29	-10.40	9.50
		2	-3.05	-4.00	-2.09	-2.30	6.08	36.96	-22.50	17.60
CTCO2	Non-Severe	1	22.32	17.70	26.94	21.90	3.72	13.86	17.60	26.70
		2	20.38	9.60	31.17	23.35	10.28	105.66	0.00	28.80
	Severe	1	25.86	24.86	26.87	24.60	5.08	25.83	16.70	42.50
		2	24.26	23.31	25.22	24.05	6.07	36.89	0.00	45.30
Procalcitonin	Non-Severe	1	0.27	0.11	0.42	0.07	0.41	0.17	0.01	1.63
		2	0.63	0.22	1.03	0.11	1.19	1.41	0.03	4.17
	Severe	1	2.72	1.79	3.65	0.24	13.29	176.56	0.01	233.95
		2	4.98	2.59	7.38	0.44	39.97	1597.33	0.01	1000.00

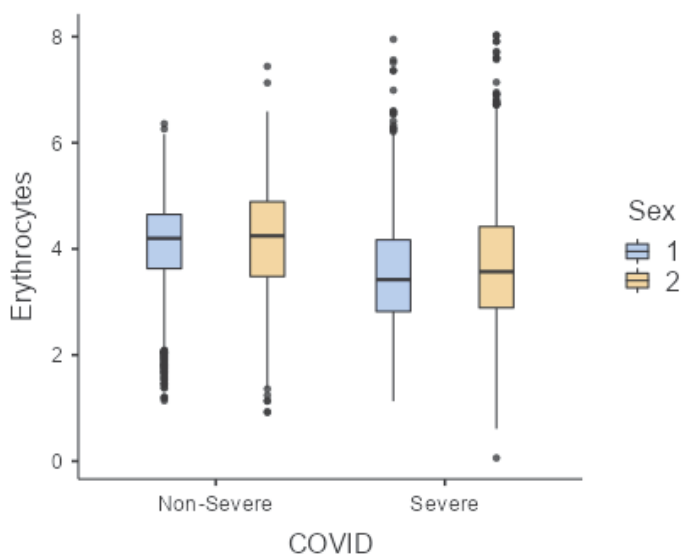
Note. The CI of the mean assumes sample means follow a t-distribution with N - 1 degrees of freedom

Plots

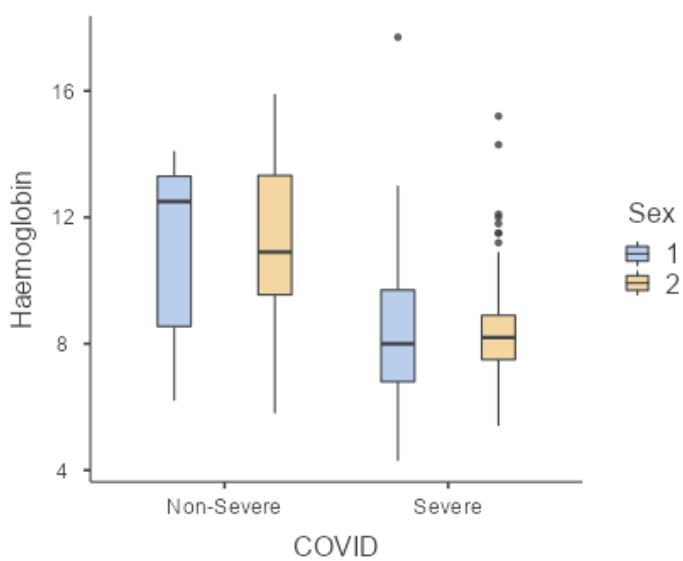
Age



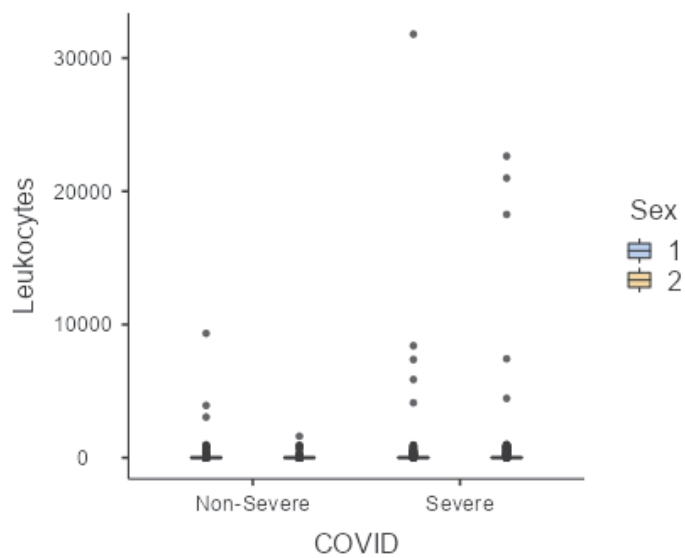
### Erythrocytes



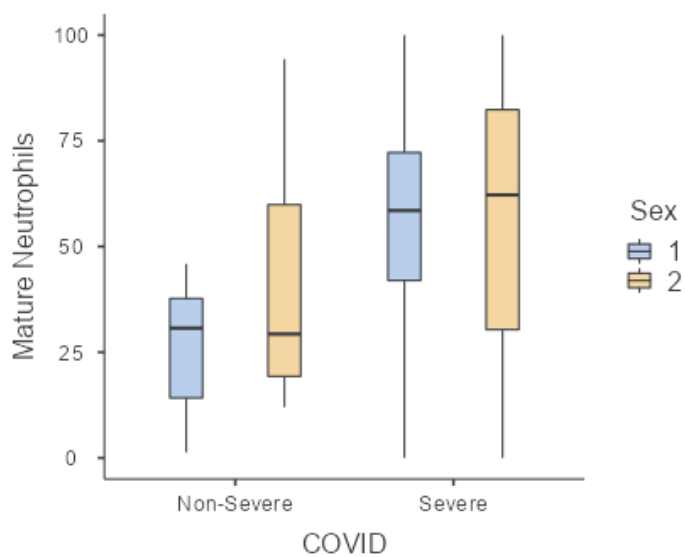
### Haemoglobin



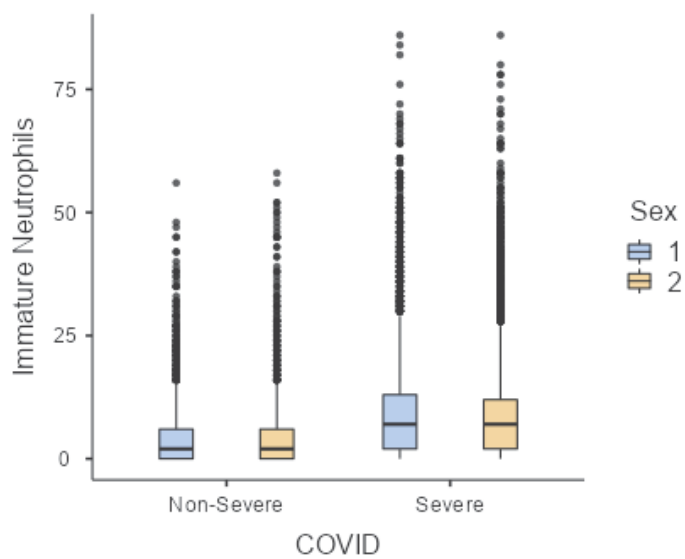
### Leukocytes



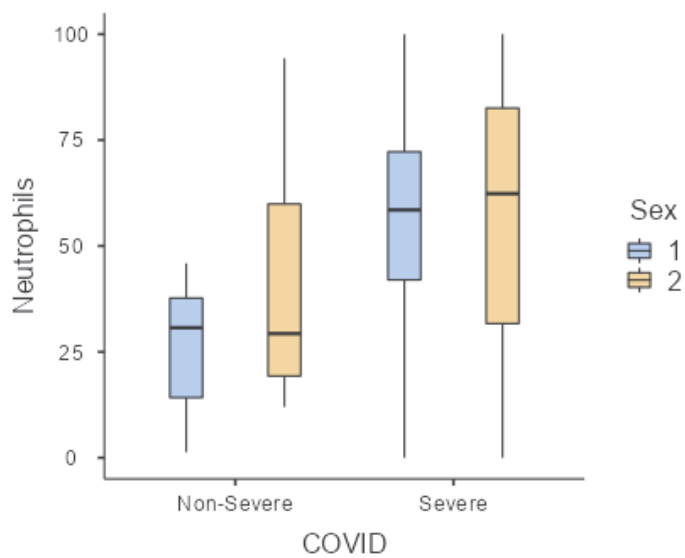
### Mature Neutrophils



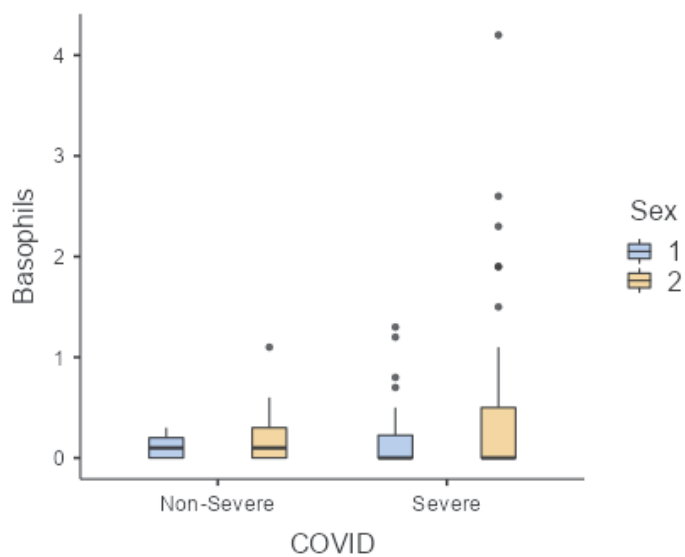
### Immature Neutrophils



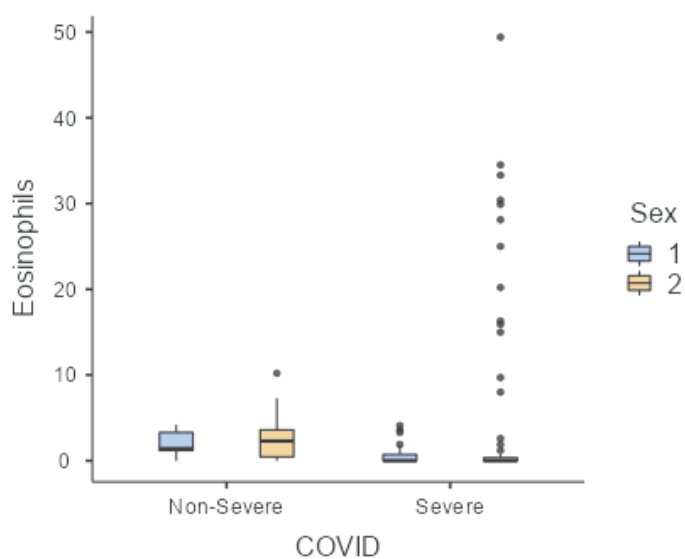
### Neutrophils



### Basophils

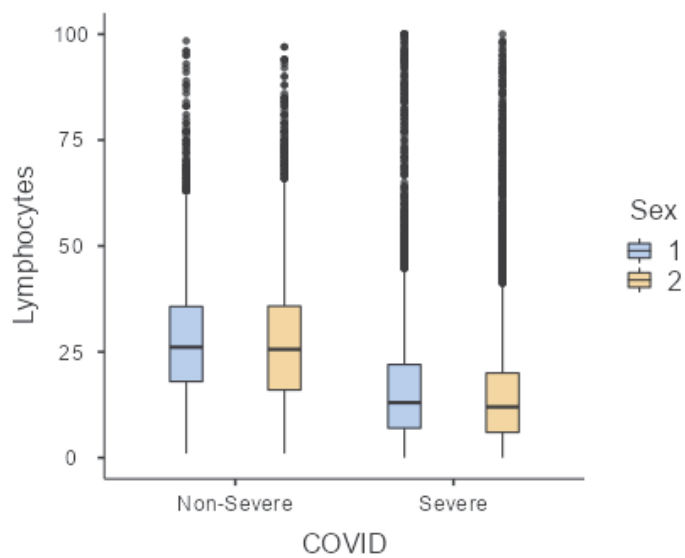


### Eosinophils

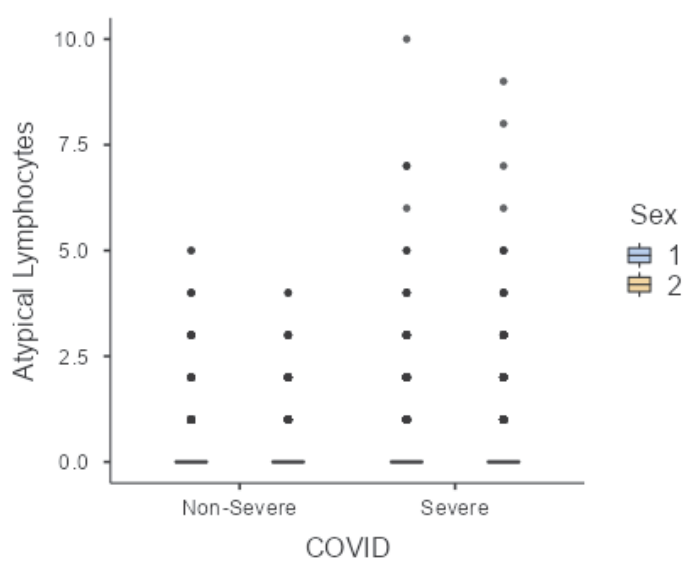


### Lymphocytes

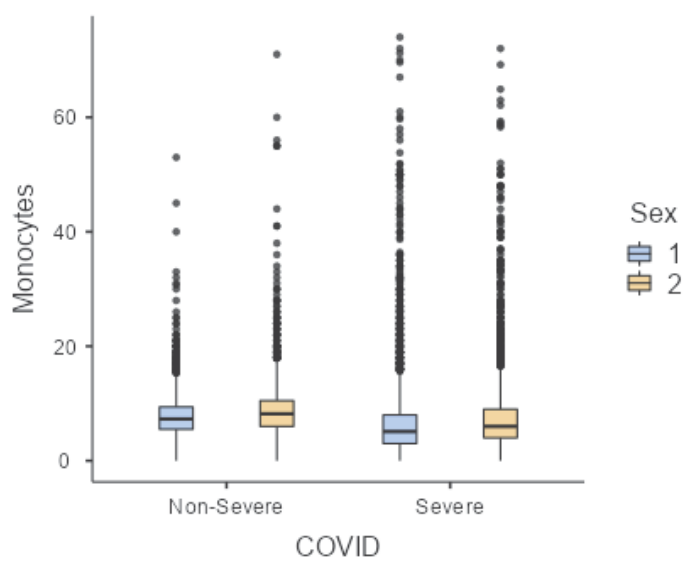




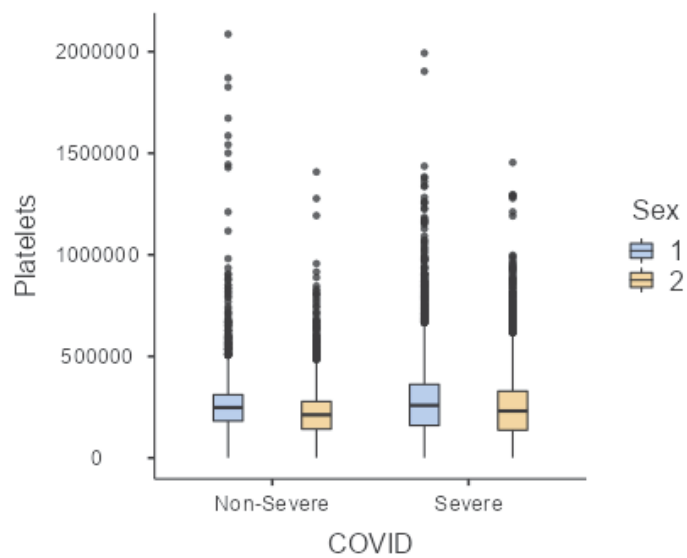
### Atypical Lymphocytes



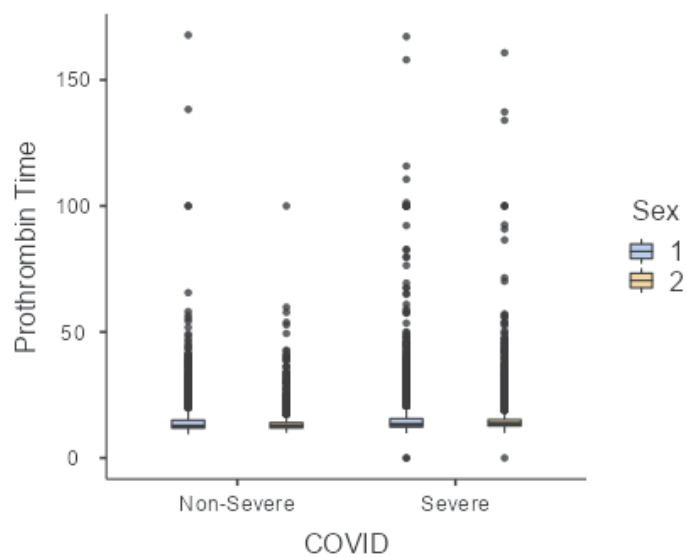
### Monocytes



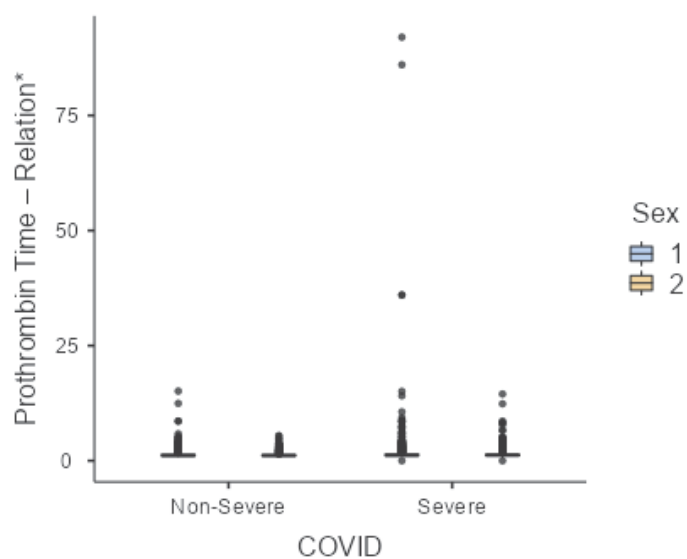
### Platelets



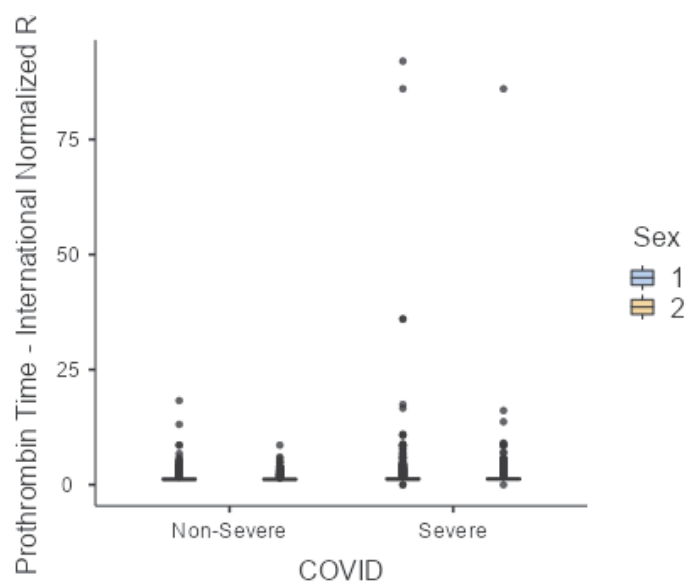
### Prothrombin Time



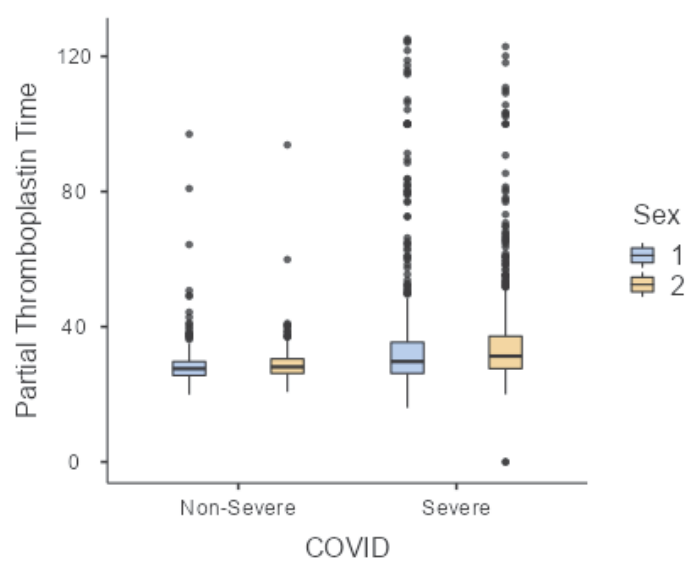
### Prothrombin Time – Relation\*



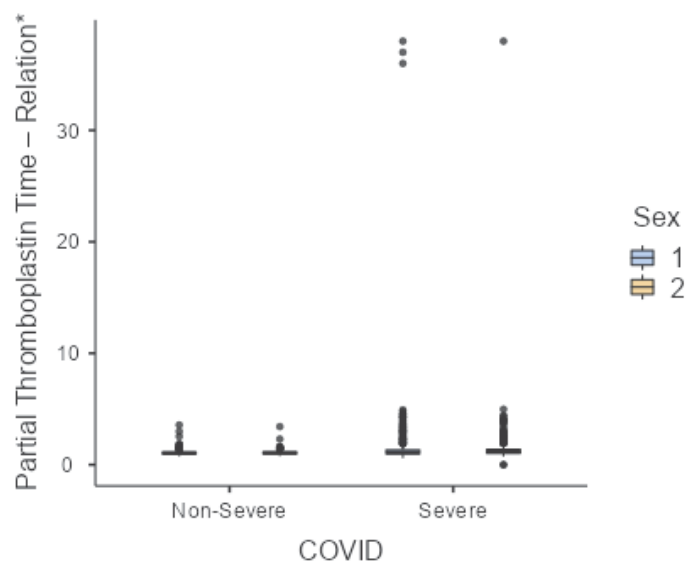
### Prothrombin Time - International Normalized Ratio



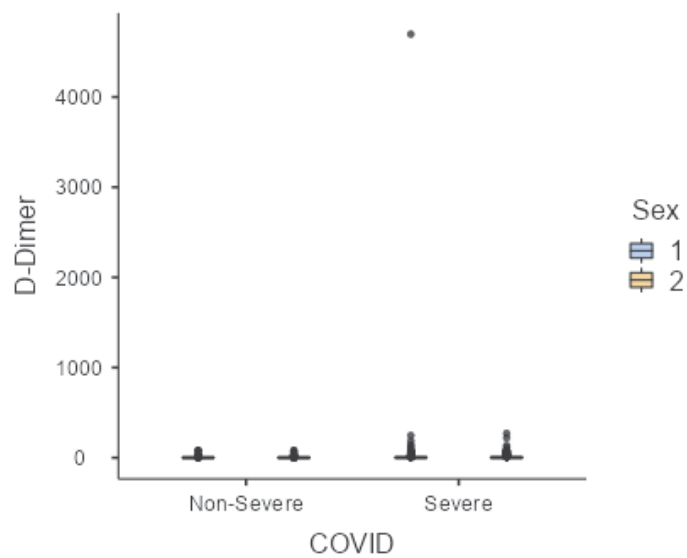
### Partial Thromboplastin Time



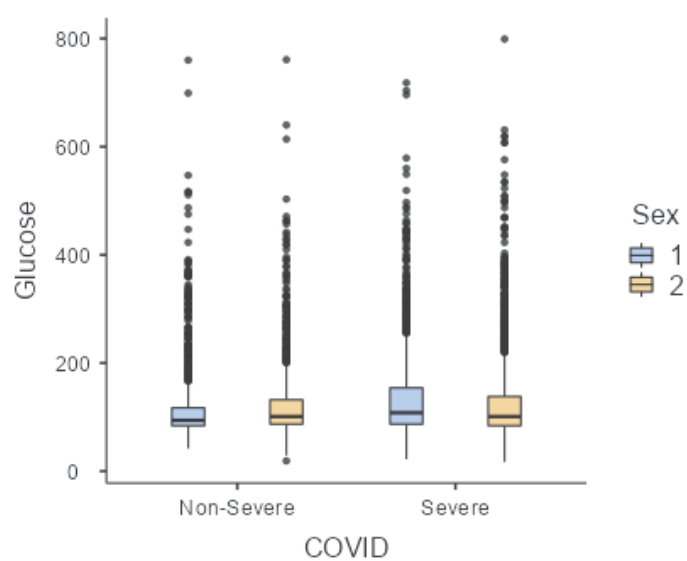
### Partial Thromboplastin Time – Relation\*



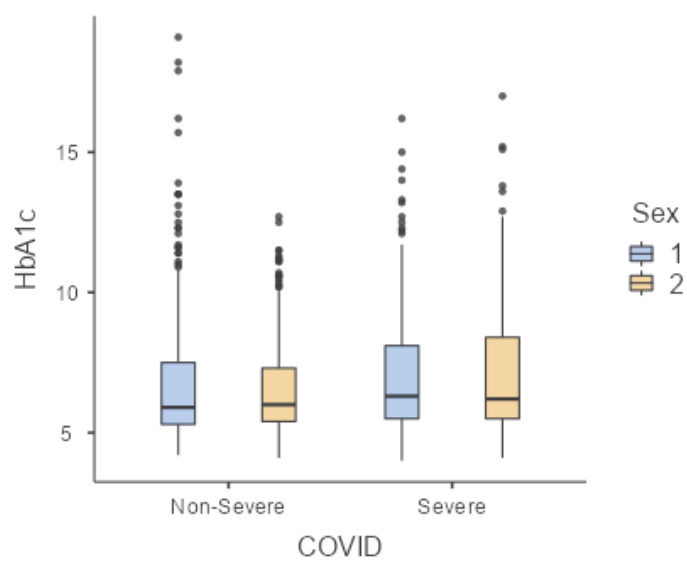
### D-Dimer



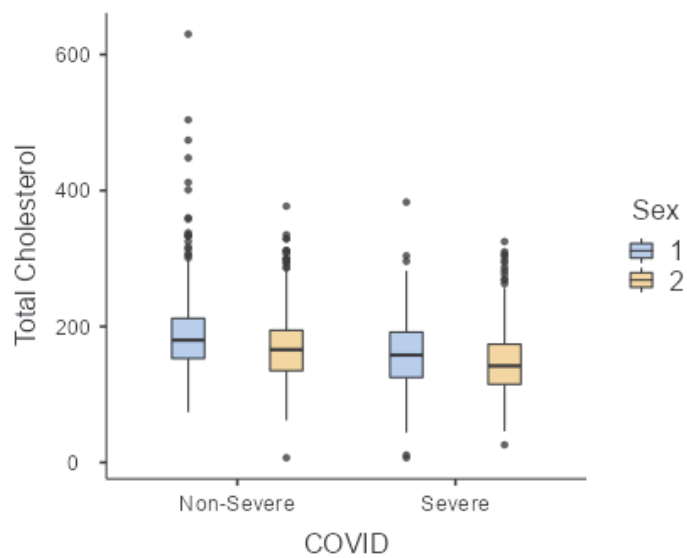
### Glucose



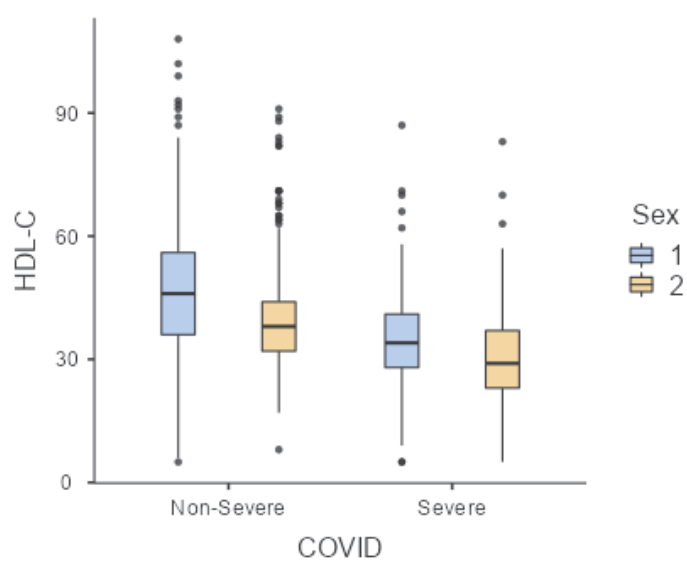
### HbA1c



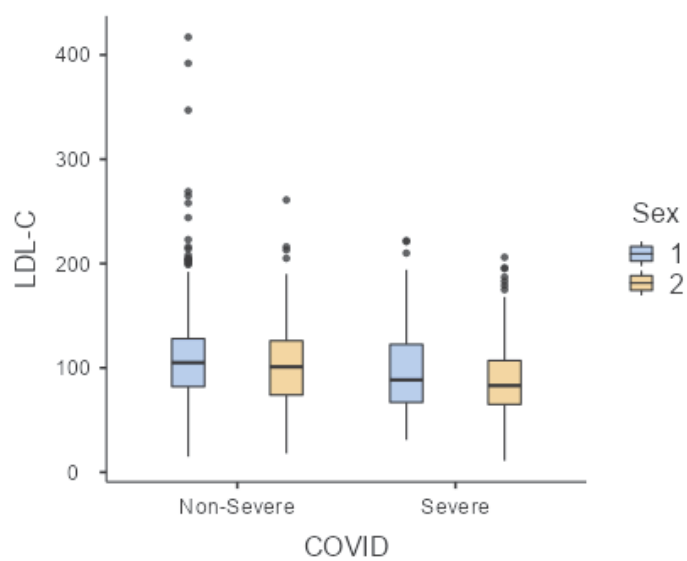
### Total Cholesterol



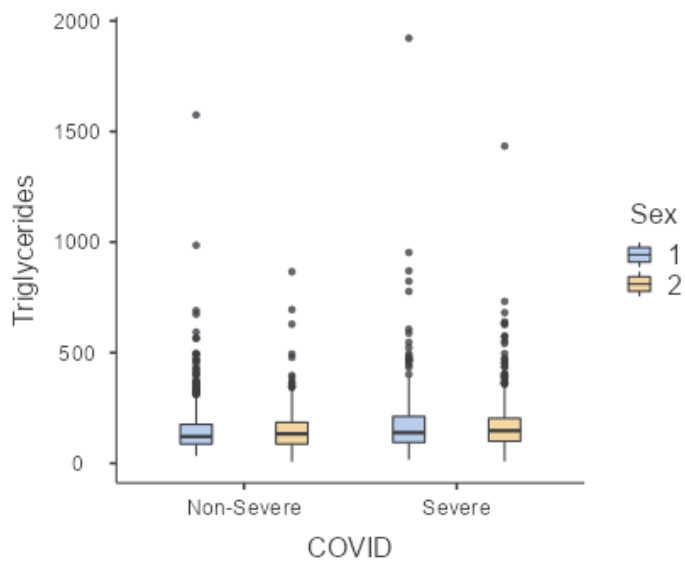
### HDL-C



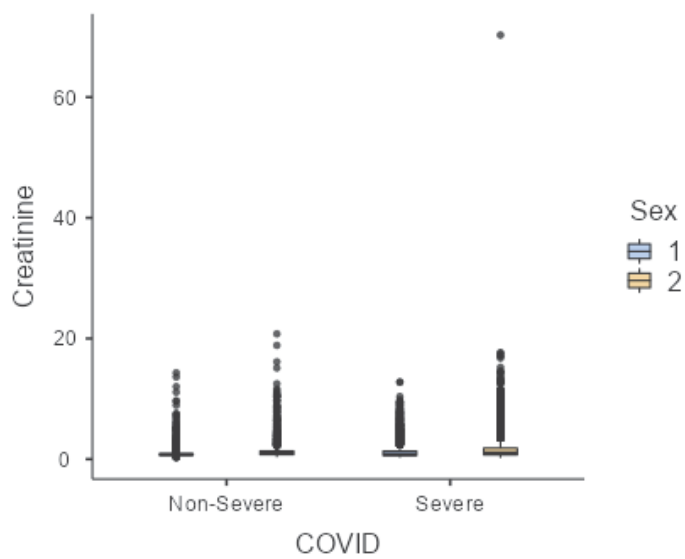
### LDL-C



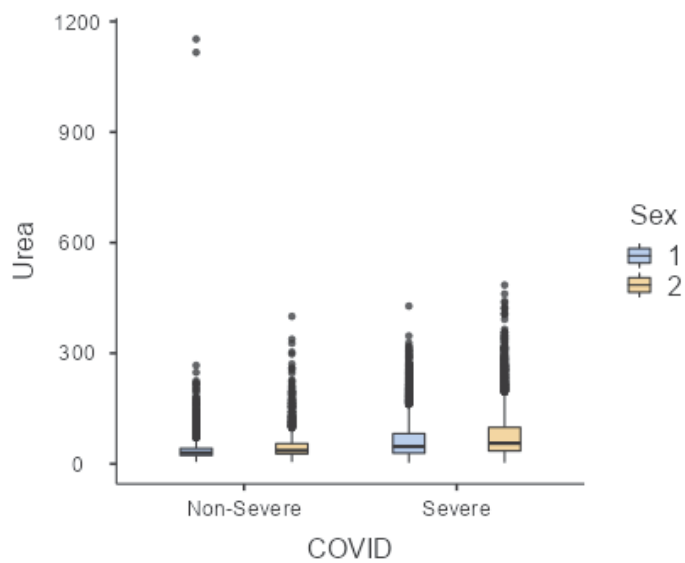
### Triglycerides



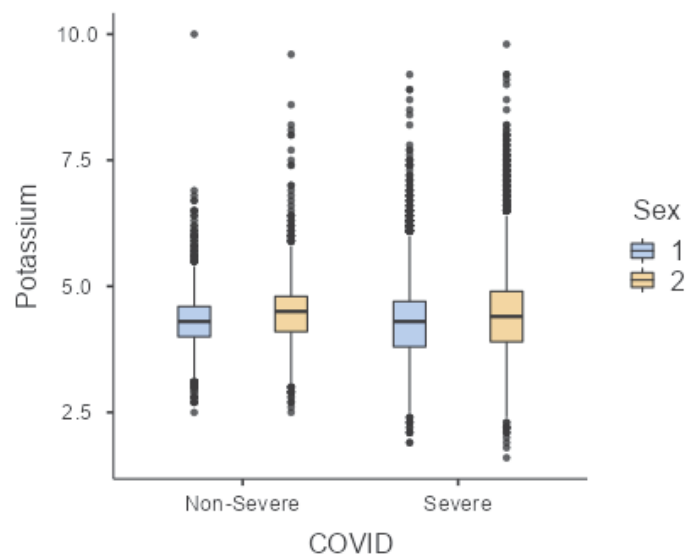
### Creatinine



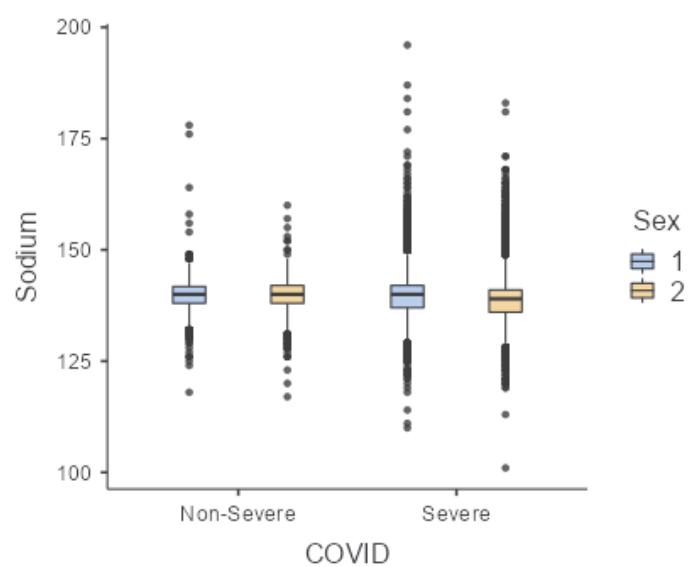
### Urea



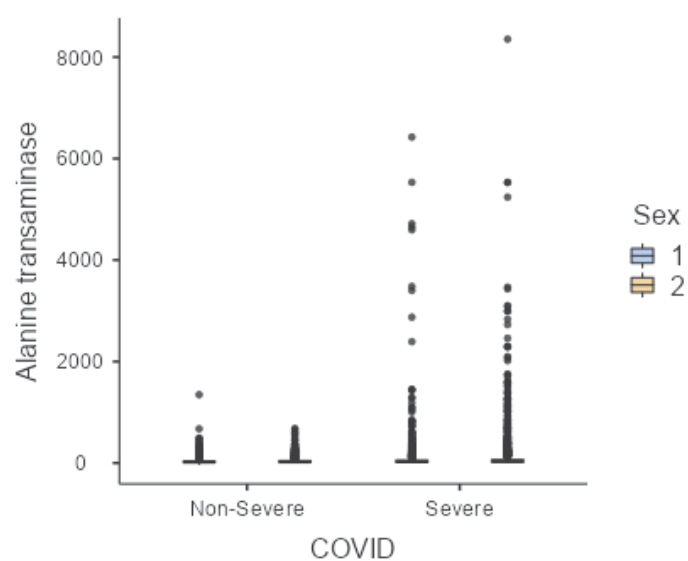
### Potassium



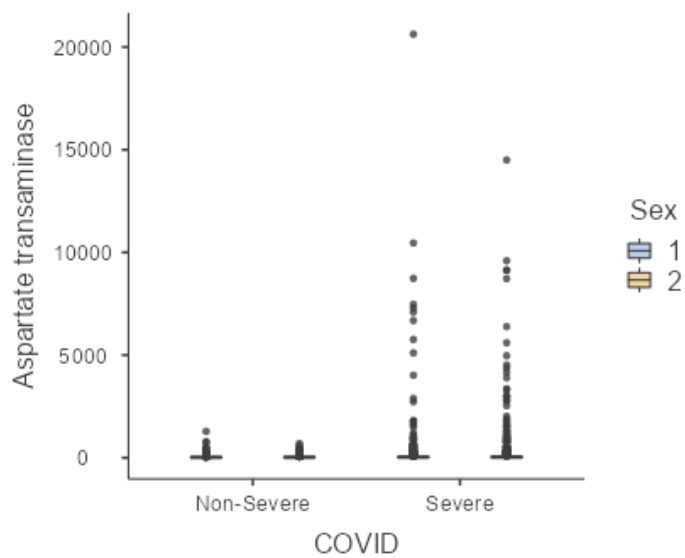
#### Sodium



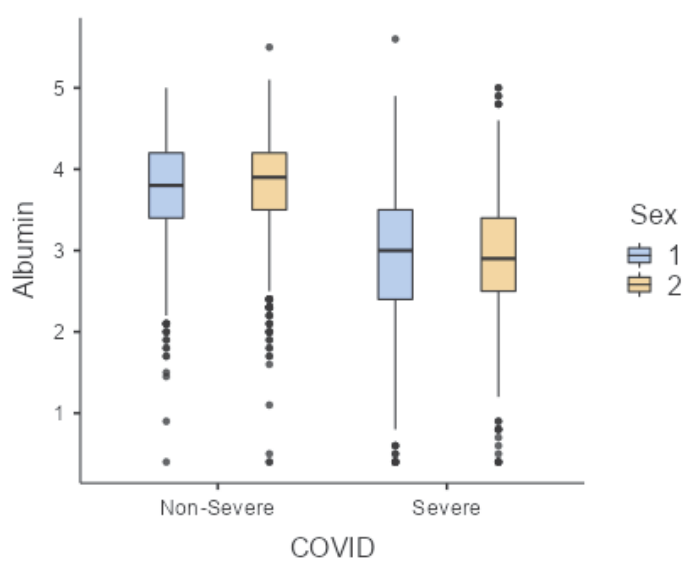
#### Alanine transaminase



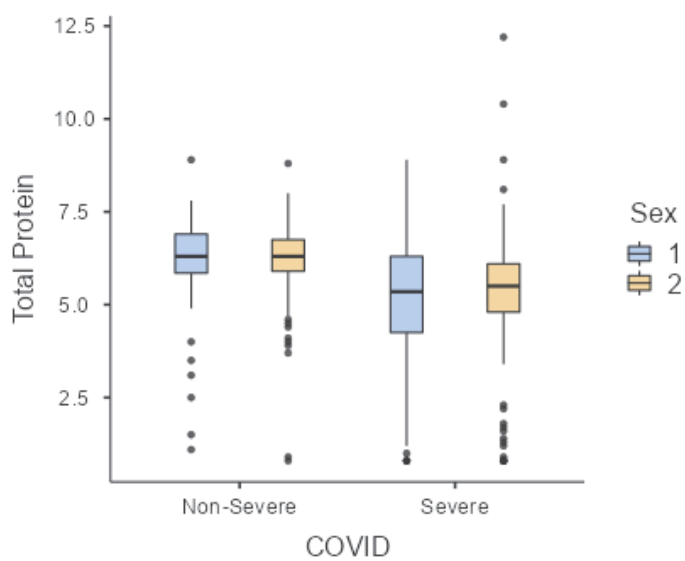
#### Aspartate transaminase



### Albumin

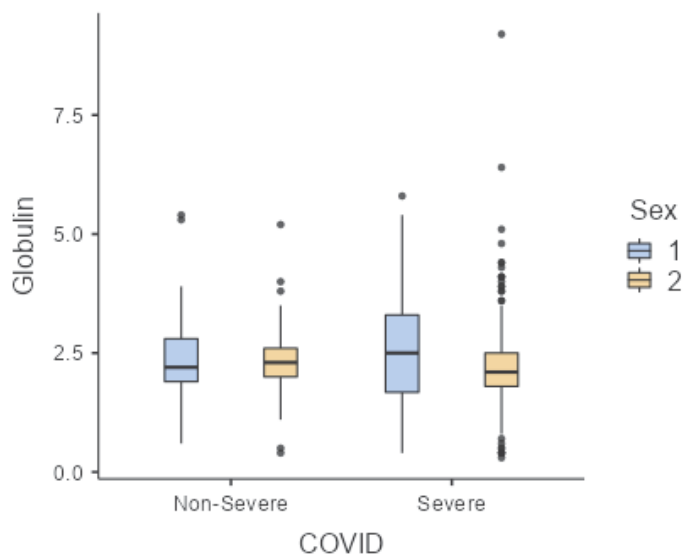


### Total Protein

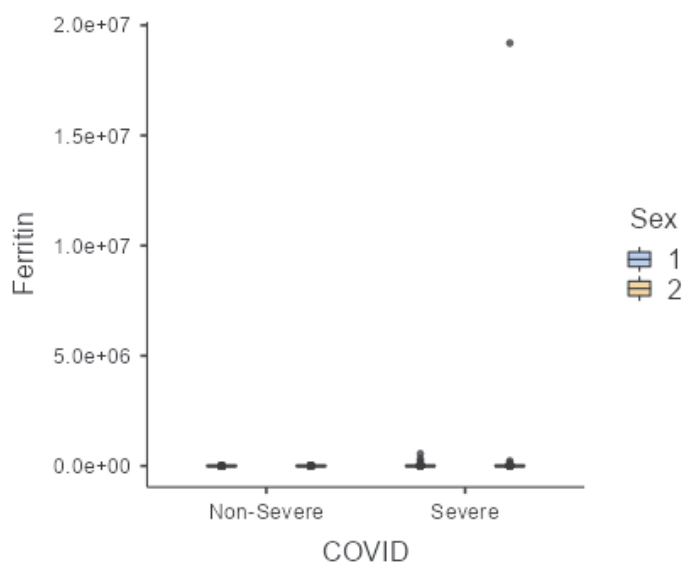


### Globulin

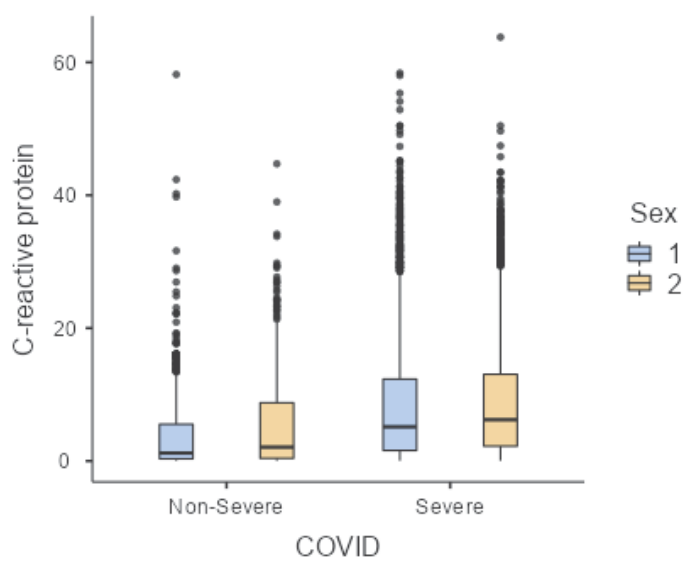




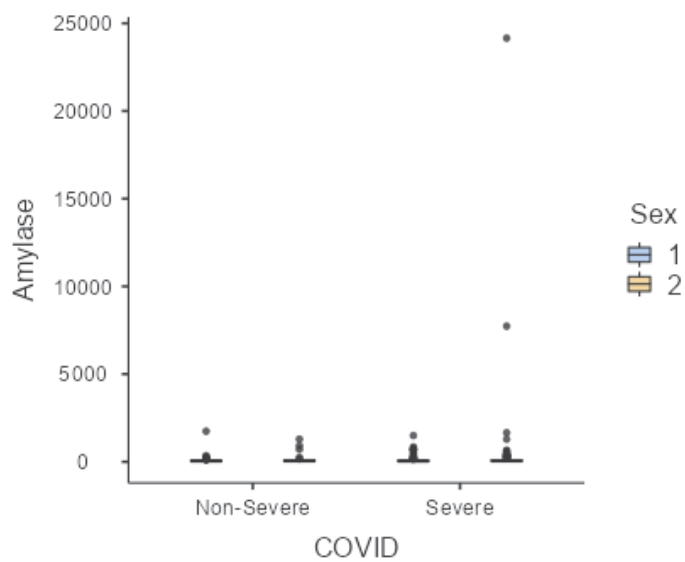
#### Ferritin



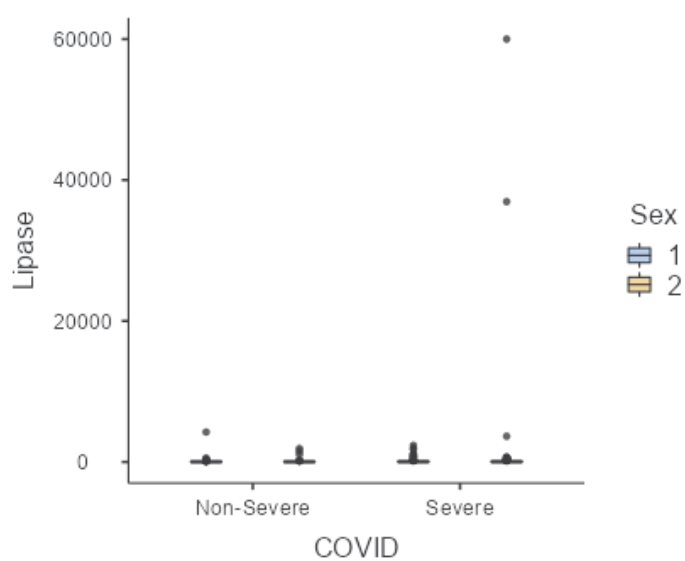
#### C-reactive protein



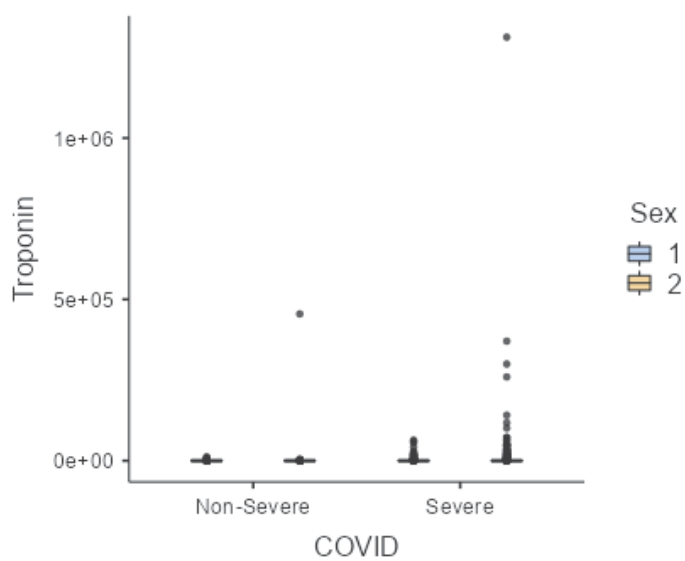
#### Amylase



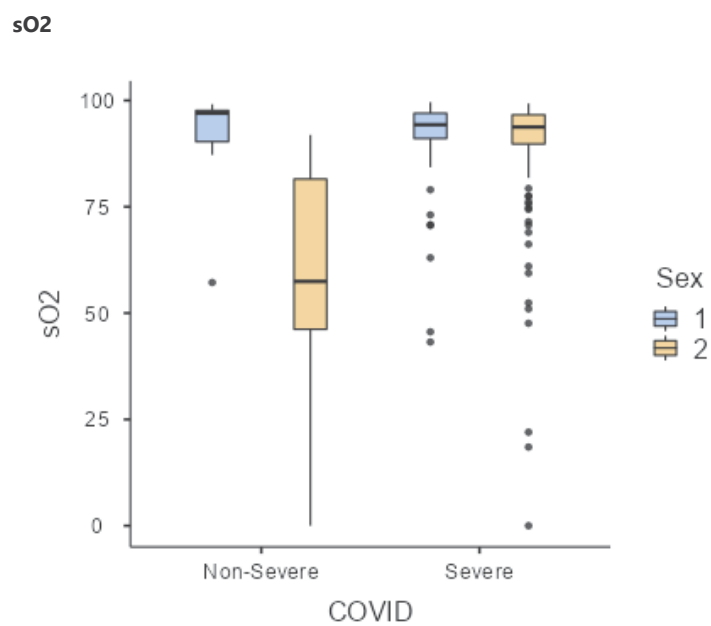
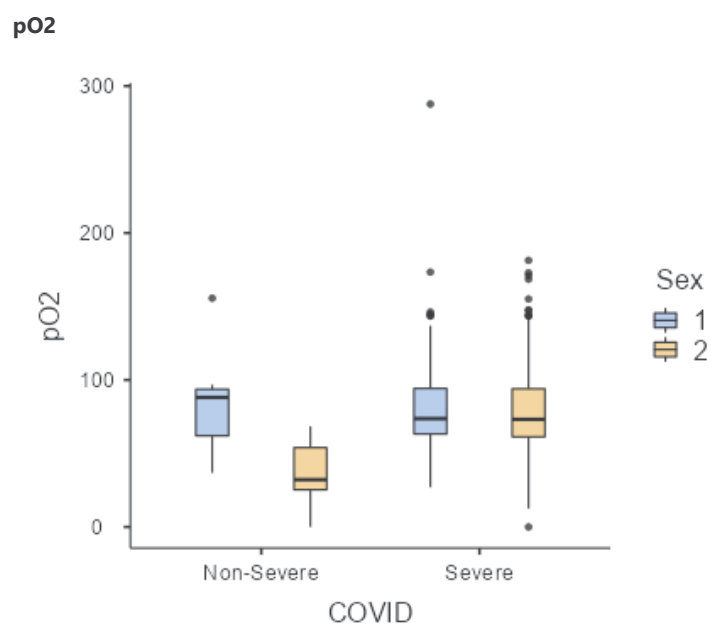
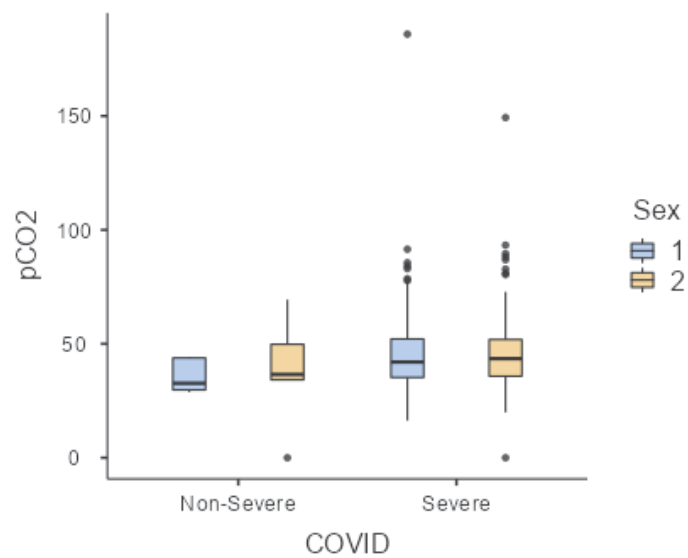
### Lipase



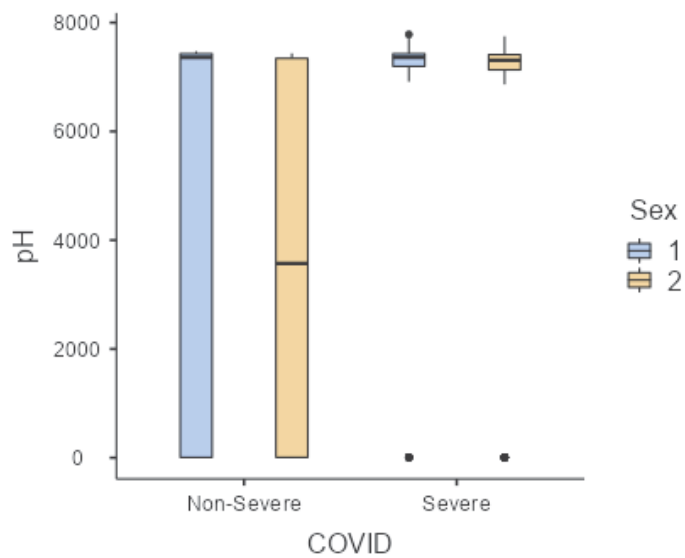
### Troponin



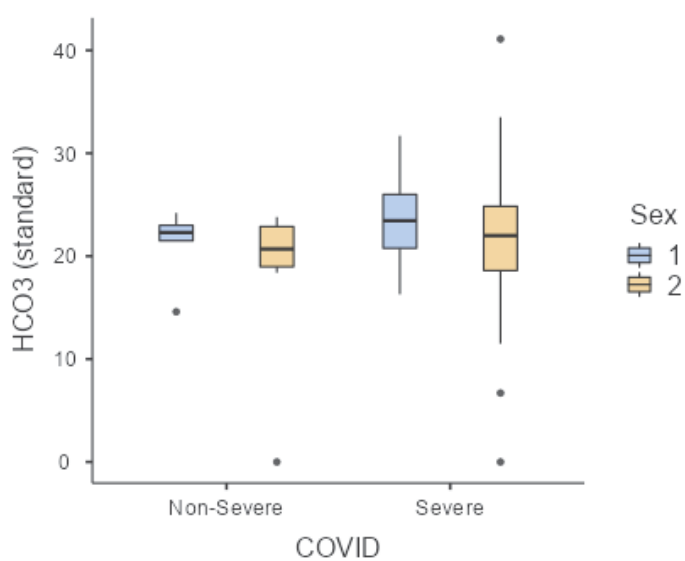
### pCO2



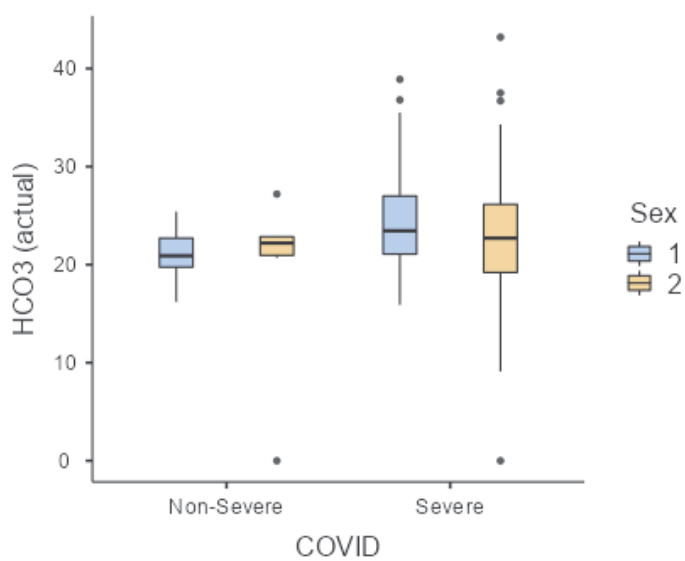
pH



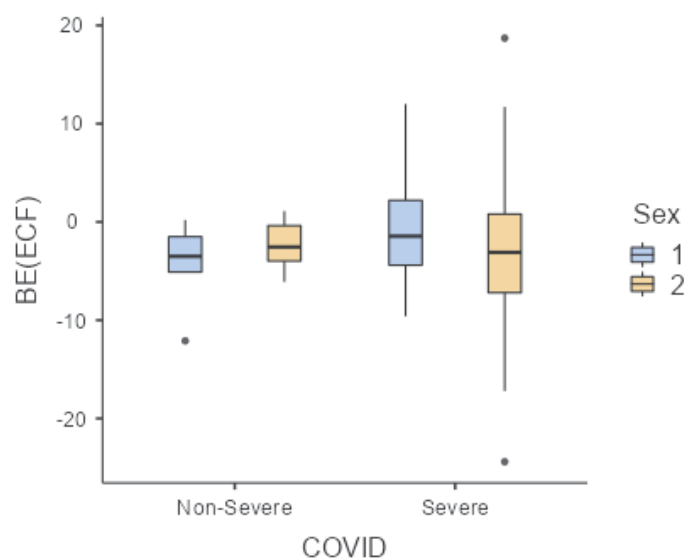
#### HCO3 (standard)



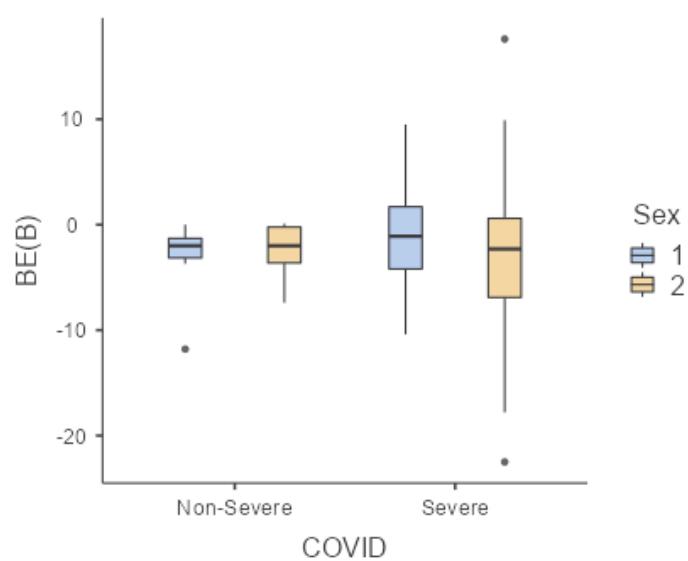
#### HCO3 (actual)



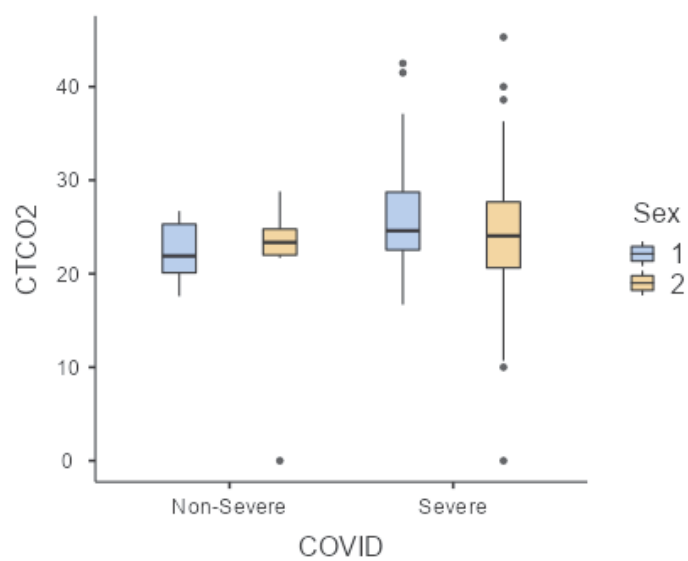
#### BE(ECF)



**BE(B)**



**CTCO2**



**Procalcitonin**

