

Table 2a: Association of IL-6, IL-10, IL-8, and IL-1 α levels with the comorbidities of SARS-CoV-2 patients (N=100).

	IL-6		IL-10		IL-8		IL-1 α		
	Mild	Moderate	High	Normal	Elevated	Normal	Elevated	Normal	Elevated
Comorbidities									
HTN									
NO	35.4	40.9	63.6	40.0	45.6	48.1	37.7	42.3	41.1
YES	64.5	59.0	36.3	60.0	54.3	51.8	62.2	57.6	58.8
p-value	0.2		0.4		0.3		0.9		
Diabetes									
NO	51.6	54.5	63.6	48.0	60.7	59.2	54.7	53.8	55.8
YES	48.3	45.4	36.3	52.0	39.1	40.7	45.2	46.1	44.1
p-value	0.7		0.2		0.6		0.8		
COPD									
NO	83.8	90.9	81.8	92.0	89.1	88.8	88.6	84.6	91.1
YES	16.13	9.0	18.1	8.0	10.8	11.0	11.3	15.3	8.8
p-value	0.5		0.5		0.9		0.3		
Hypothyroidism									
NO	87.1	86.3	90.9	88	86.9	92.5	83.0	86.5	88.2
YES	12.9	13.6	9.0	12.0	13.0	7.4	16.9	13.4	11.7
p-value	0.9		0.6		0.2		0.8		

*Values considered significant when $p \leq 0.05$.

- IL-6 viz: mild: 0–<10 pg/mL, moderate: ≥ 10 –<80 pg/mL, and high: ≥ 80 pg/mL
- IL-10 viz: normal: 6.0–28.2 pg/mL and elevated: >28.2 pg/mL
- IL-8 viz: normal: 79.1–87.9 pg/mL and elevated: >87.9 pg/mL
- IL-1 α viz: normal: 36.2–49.4 pg/mL and elevated: >49.4 pg/mL

COPD: chronic pulmonary obstructive disorder; HTN: hypertension; VEGF: vascular endothelial growth factor.

Table 2b: Association of VEGF, TNF- α , and ferritin levels with the comorbidities of patients with SARS-CoV-2 (N=100).

	VEGF			TNF- α		Ferritin		
	Low	Normal	Elevated	Normal	Elevated	Mild	Moderate	High
Comorbidities								
HTN								
NO	14.2	43.5	47.0	34.3	46.6	48.8	29.0	46.1
YES	85.7	56.4	52.9	65.6	53.3	51.1	70.9	53.8
p-value	0.20			0.30		0.20		
Diabetes								
NO	71.4	50	64.7	53.1	60.0	67.4	38.7	53.8
YES	28.5	50	35.2	46.8	40.0	32.5	61.2	46.1
p-value	0.30			0.50		0.04*		
COPD								
NO	85.7	85.4	94.1	87.5	90.0	88.3	83.8	92.3
YES	14.2	14.5	5.8	12.0	10.0	11.6	16.1	7.6
p-value	0.60			0.70		0.70		
Hypothyroidism								
NO	100	87.1	82.3	93.7	80.0	86.0	90.3	84.6
YES	0	12.9	17.6	6.2	20.0	13.9	9.6	15.3
p-value	0.50			0.10		0.80		

*Values considered significant when $p \leq 0.05$.

- VEGF viz low: <594.8 ng/mL, normal: 594.5–925.8 ng/mL, and elevated: >925.8 ng/mL
- TNF- α viz normal: 23–225 pg/mL and elevated: >225 pg/mL
- Ferritin viz mild: <500 ng/mL, moderate: ≥ 500 –<1500 ng/mL, and high: ≥ 1500 ng/mL

COPD: chronic pulmonary obstructive disorder; HTN: hypertension; VEGF: vascular endothelial growth factor.