

# **Educational Status and COVID-19 Related Outcomes in India: Hospital Based Cross Sectional Study**

## **Supplementary Data**

**Supplementary Table 1: Demographic and clinical characteristics of men and women in the study cohort**

Variables	Men (n=3386)	Women (N=1259)	P value
<b>Age (mean, yr)</b>	45.5±17.8	47.1±18.5	0.226
<b>Age groups</b>			0.008
<30	838[24.7]	287[22.8]	
30-49	1052[31.1]	345[27.4]	
50-69	1161[34.3]	489[38.8]	
70+	335[9.9]	138[11.0]	
<b>Family members/house</b>			0.834
1-4	656[51.7]	1739[51.1]	
5-9	535[42.1]	1465[43.0]	
≥10	79[6.2]	202[5.9]	
<b>Educational status *</b>			<0.001
Illiterate or Primary	980[28.8]	444[35.0]	
Secondary school/ Higher secondary	1061[31.2]	477[35.0]	
Graduate	1339[39.3]	328[25.8]	
<b>Tobacco or smoking (ever)</b>	1045[30.9]	324[25.7]	0.001
<b>Medical co-morbidities</b>	1020[29.9]	315[24.8]	0.001
Hypertension	658[19.3]	173[13.6]	<0.001
Pulmonary disease	135[4.0]	58[4.6]	0.364
Type 2 Diabetes	666[19.6]	111[8.7]	<0.001
Thyroid disease	27[0.8]	11[0.9]	0.855
Heart disease	51[1.5]	24[1.9]	0.360
Neurological disease	6[0.2]	9[0.7]	0.008
Current or past tuberculosis	78[2.3]	28[2.3]	0.874
Other	55[1.6]	57[4.5]	<0.001
<b>Clinical findings</b>			
Pulse rate /min	83.91±11.2	84.1±11.8	0.715
Systolic BP mmHg	125.12±11.9	126.0±12.9	0.028
Diastolic BP mmHg	82.71±7.9	83.1±8.4	0.155
Respiratory rate/min	19.0±3.7	19.1±3.9	0.313
<b>SpO<sub>2</sub> at admission</b>			0.601
≥95%	1554[70.5]	590[68.7]	
90-94%	397[18.0]	164[19.1]	
<90%	252[11.4]	105[12.2]	
<b>Laboratory Investigations (Biochemistry n=867; Hematology n=4456)</b>			
Creatinine, mg/dl	0.94±0.47	0.97±0.56	0.378
SGOT, IU	45.0±108.9	44.8±44.5	0.531
SGPT, IU	42.7±59.7	45.6± 44.2	0.096
Sodium, mEq/L	136.6±9.4	134.8±17.8	0.144
Potassium, mEq/L	5.1±8.9	5.9±12.6	0.112
Hb (gm/dl)	12.7±2.3	12.6±2.2	0.411
White cells (10 <sup>9</sup> cells/L)	7585±3894	7370±3651	0.099
Lymphocytes (10 <sup>9</sup> cells/L)	1607±1355	1534±1225	0.089
Lymphocyte/Neutrophil ratio	0.36±0.27	0.35±0.46	0.346
<b>Outcome measures</b>			
Mean duration of hospital stay[days]	6.9±3.8	6.5±3.6	0.004
Oxygen requirement	600[17.6]	261[20.6]	0.022

High flow O <sub>2</sub> /non-invasive ventilation	236[6.9]	98[7.7]	0.371
Mechanical ventilation	123[3.6]	46[3.6]	1.000
Recovered	3020[88.7]	1197[94.3]	<0.001
Referred	104[3.0]	15[1.2]	<0.001
Deaths	282[8.3]	58[4.6]	<0.001
Numbers $\pm$ indicate 1 SD; Numbers in parentheses are percent; BP blood pressure; SpO <sub>2</sub> saturation of peripheral oxygen; SGOT serum glutamic oxalate transferase; SGPT serum glutamic pyruvate transferase			