

**S3 Table:** Number of patients with need of oxygen supplementation at admission to the ER department and the mean SpO<sub>2</sub>/FiO<sub>2</sub> according to the baseline chest X-ray findings.

		Chest X-ray (N=430)			p value
		Peripheral infiltrate (N=198)	Unilateral pneumonia (N=77)	Bilateral pneumonia (N=232)	
Baseline oxygen support to achieve SpO <sub>2</sub> >95%	None (0.21)	152 (76.8%)	62 (80.5%)	83 (53.5%)	<0.001
	0.24-0.34	36 (18.2%)	13 (16.9%)	30 (19.4%)	
	≥0.35	10 (5.1%)	2 (2.6%)	42 (27.1%)	
Mean SpO <sub>2</sub> /FiO <sub>2</sub> (SpFi)		424±75	438±54	347±139	<0.001