

Supplementary Fig. 3. Kernel density estimation of patient distribution A; gender, B; age (≥65, 65>), C; BMI (≥25, 25>). The borderline to classify patients with HFNC and ventilatory management was (LIV)= 4.51×(ROX index) +1.75. ROX index and LIV were significant in multiple logistic regression analyses. BMI, body mass index; HFNC, High flow nasal cannula; LIV, lung infiltration volume; MV, mechanical ventilation; ROX index, the ratio of oxygen saturation index.