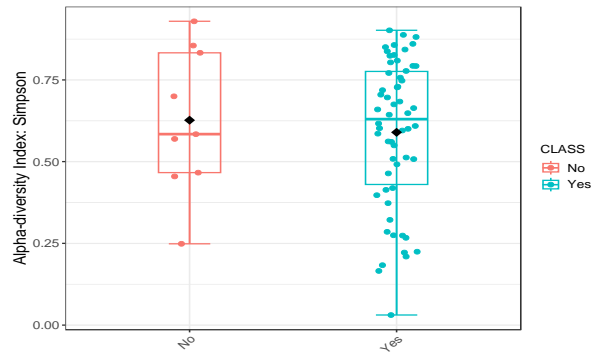
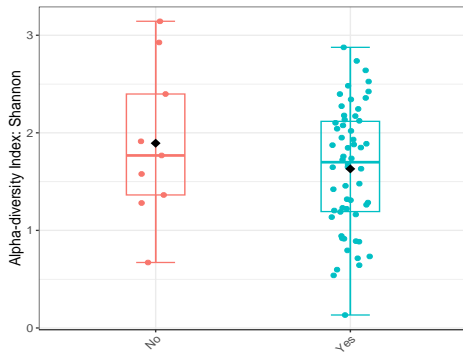


$p = 0.3033$

a. Mortality

$p = 0.5913$



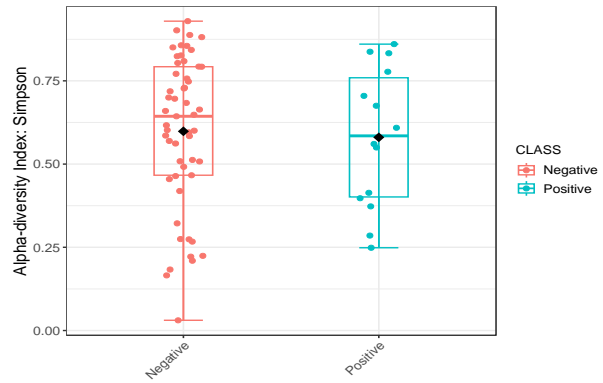
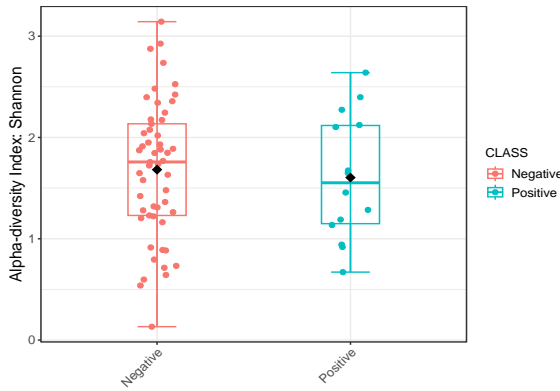
$p = 0.6391$

$p = 0.3627$

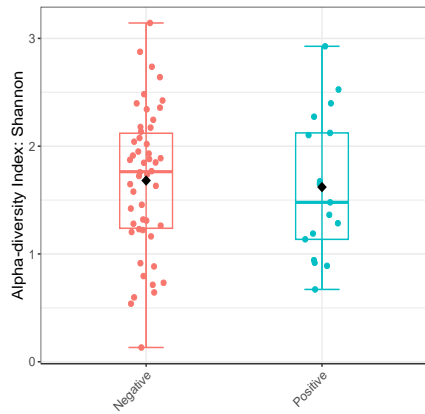
b. Patients ventilated on 7th day

$p = 0.47495$

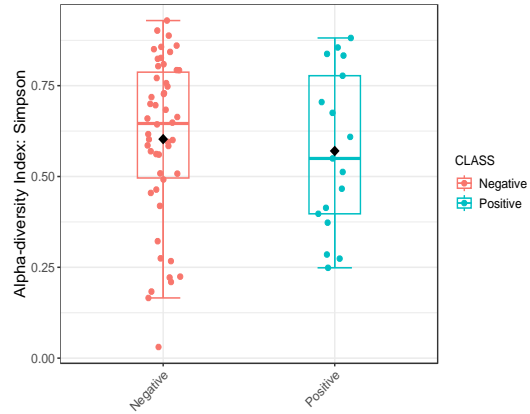
$p = 0.49373$



c. Cultures



p = 0.8457



p = 0.7349

d. FA-PNEUM

Supplementary figure 4. Alpha diversity (Shanon and Simpson Indices) in each of the four variables: mortality (a), mechanical ventilation on day 7 (b), cultures (c) and FA-PNEU (d) in the 67 lung samples of the 67 patients with severe COVID-19 pneumonia admitted to Intensive Care Units in Colombia.

There are no differences in α diversity between the four variables.

Abbreviations: p: p value by Mann Whitney test; CLASS: category; FA-PNEUM: Biofire® FilmArray® Pneumonia Panel.