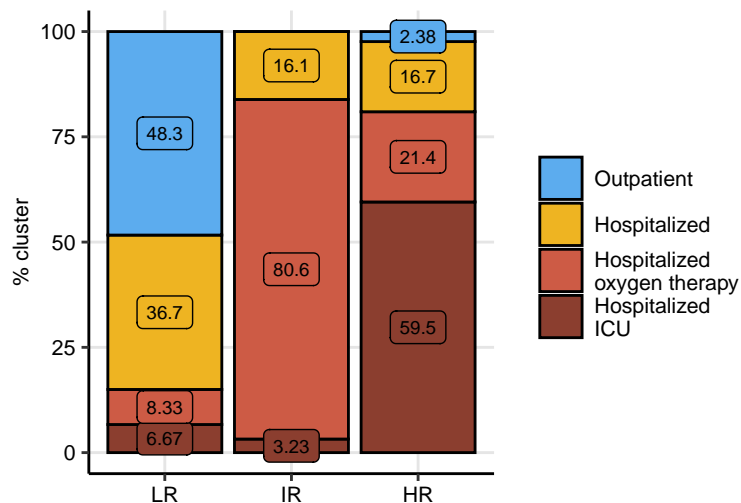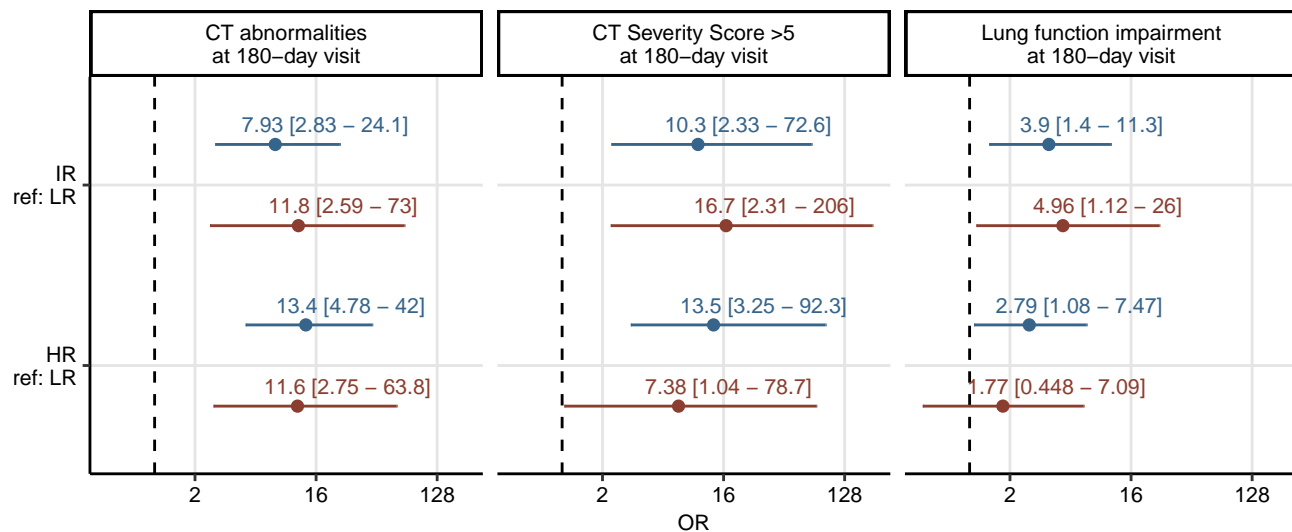**A**

Acute COVID−19 severity

p = 7.1e−21

LR : n = 60, IR : n = 31, HR : n = 42

B

Participant clustering and CT abnormality risk

Model type — severity−adjusted — unadjusted

complete: CT: n = 109, lung function: n = 111
CT abnormalities: n = 49, CT Severity Score > 5: n = 21, Lung function impaired: n = 21
LR : n = 60, IR : n = 31, HR : n = 42
Outpatient: n = 27, Hospitalized: n = 31, Hospitalized oxygen therapy: n = 33, Hospitalized ICU: n = 18