## Α Top explanatory factors, DLCO < 80% and DLCO vertices: n = 24, edges: n = 74 endocrine/metabolic disease impaired physical performance, ECOG > 0 Kendall's τ physical performance, ECOG dyspnea rating, mMRC **--** 0.4 hypercholesterolemia - 0.6 8.0 anti-coagulants during COVID-19 cardiovascular illness **=** 1.0 body mass class age class anti-infectives during COVID-19 variable classifcation age at admission hospital stay BMI risk factors and CoV severity 4HO ordinal severity scale sex symptoms CT findings COVID-19 ser ICU stay time after CoV reticulation CTSS CT readouts and findings opacity, high opacity, Al bronchiectasis В **CTSS CTSS** Opacity, AI Opacity, Al r = 0.92, p < 0.001r = 0.87, p < 0.001r = 0.75, p < 0.001r = 0.78, p < 0.00140 40 20 20 30 30 15 15 $\infty$ 20 20 funl fo % of lung points points 10 10 0 5 5 0

no

n = 187

yes

n = 233

GGO

no

n = 213

reticulation

yes

n = 207

no

n = 187

yes

n = 233

GGO

no

n = 213

yes

n = 207

reticulation