

Figure S1. Distribution of CO-RADS scores separated into the different pneumonia forms.

Table S1. Mean CO-RADS scores separated into the different pneumonia forms.

	COVID-19	Bacterial pneumonia	Fungal pneumonia	No pneumonia
Mean CO-RADS Score \pm SD	4 \pm	2 \pm 1	2 \pm 1	1 \pm 0

While neglecting the individual entities of bacterial, fungal and COVID-19 pneumonia, an overall positive correlation between CO-RADS Score and Total Opacity Score ($r = .83$, $p < 0.001$) was registered, as can be seen in the next figure. Furthermore, a significant correlation between Percentage of Opacity ($r = .83$, $p < .001$) and Percentage of High Opacity ($r = .78$, $p < 0.001$) and CO-RADS classification was present. Including patients with COVID-19 pneumonia only, the correlation between CO-RADS Score and Total Opacity Score were $r = .51$, $p < .001$, $r = 0.56$, $p < 0.001$ for Percentage of Opacity and $r = .5$, $p < 0.001$ for Percentage of High Opacity, respectively. Radiological scoring does not correlate with the value of COVID-19 probability calculated by CT Pneumonia Analysis (spearman correlation coefficient is $r = .18$, $p = 0.16$.)

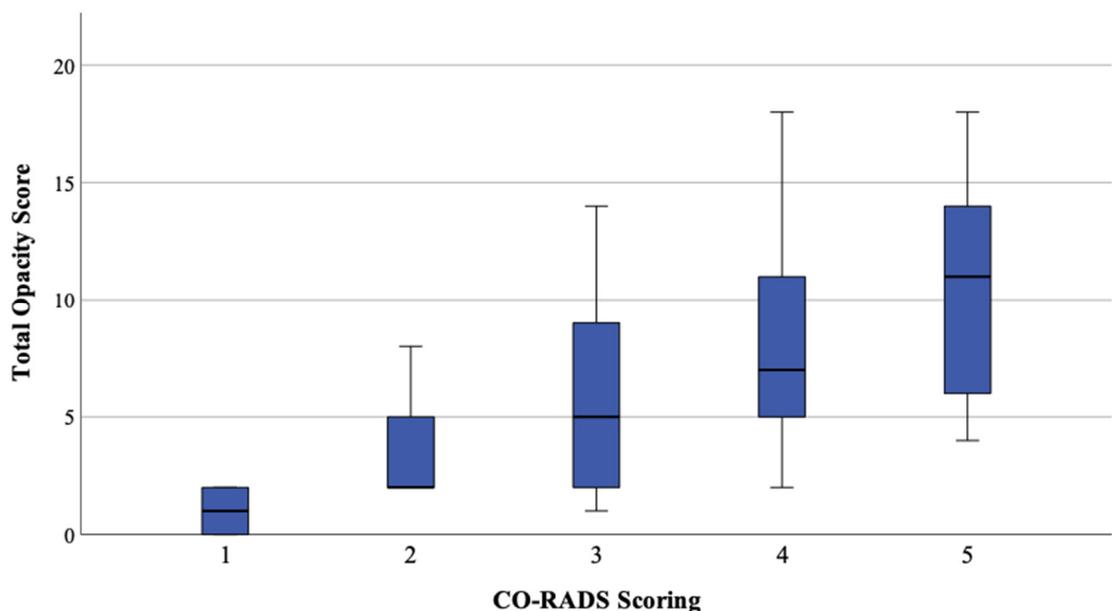


Figure S2. Distribution of mean total opacity score in different CO-RADS subgroups.

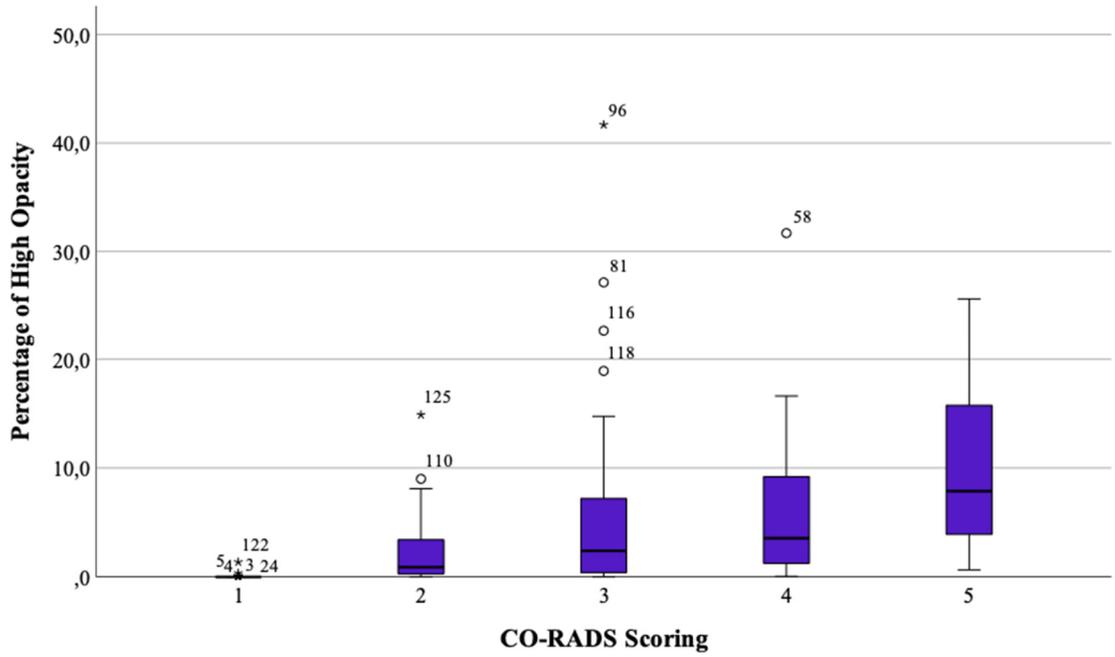


Figure S3. Percentage of High Opacity areas distributed to different CO-RADS subgroups/classification.

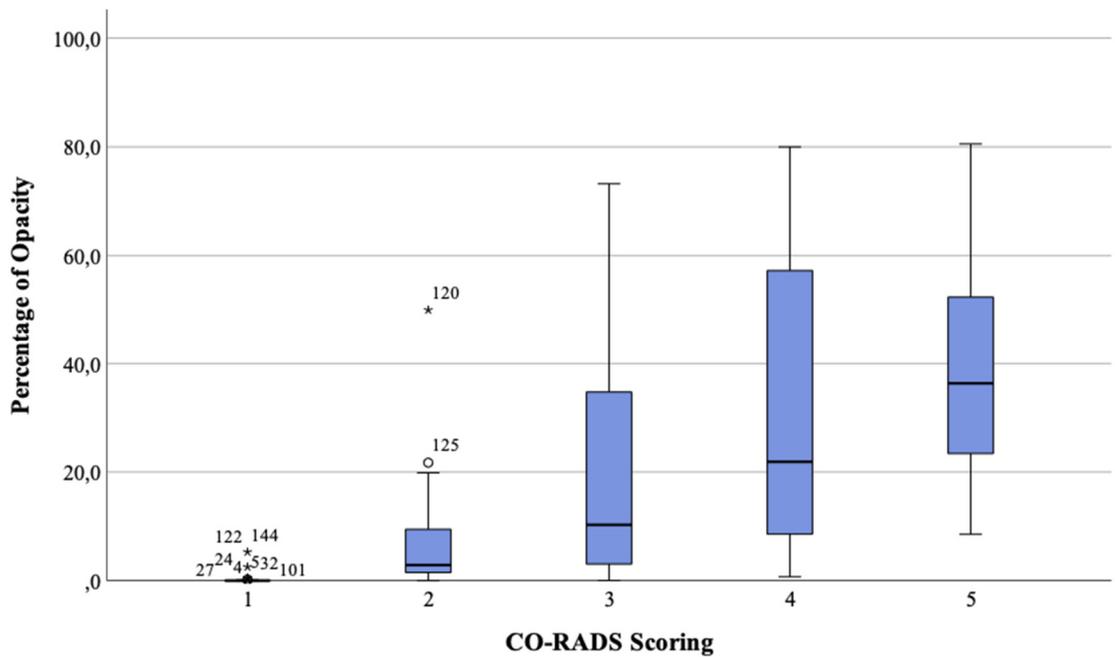


Figure S4. Percentage of Opacity areas distributed to different CO-RADS subgroups/classification.