



**Supplementary Figure 2.** Cumulative incidence function curve (sensitivity analysis). Comparison of regular time-to-event analysis vs. Fine-Gray analysis. In the regular time-to-event analysis (without competing risks) the subhazard ratio for respiratory-rate oxygenation index (ROX) was 0.18 (95% confidence interval, 0.12–0.27;  $P < 0.001$ ) which is an overestimation, given the results of the Fine-Gray analysis.