**Additional file 2: Influence of baseline values**

We checked differential baseline values across the survivors / non-survivors in each subcohort, compared to all survivors and non-survivors. Systematic differential expressions in a subcohort compared to all MV patients are given in table 1.

Table S1: Baseline values, which are increased / decreased within the respective subcohort

|  |  |  |
| --- | --- | --- |
| Bilirubin | Decreased (p < 0.05) | Survivors [Low BMI/high age] |
| I:E | Increased (p < 0.05) | Survivors [Low BMI/high age] |
| Creatinine | Increased (p < 0.05) | Survivors [Low BMI/high age] |
| Tidal volume | Increased (p < 0.05) | Survivors [High BMI/high age] |
| SpO2 | Increased (p < 0.05) | Non-Survivors  [Intermediate BMI/low age] |

Surprisingly, the only significant difference in subcohort 3 is SpO2 for Non-Survivors despite the significant deviation in mortality.