

S2 Table. Hyponatremia sensitivity and specificity for predicting death at different Na⁺ cut-offs and corresponding hazard ratios in acute exacerbation of COPD (ACE 2 Study)

| Na⁺ cut-off | <i>Sensitivity (%)</i> | <i>Specificity (%)</i> | <i>Correctly classified (%)</i> | <i>Youden's index</i> | <i>Hazard ratio[†] (95% CI)</i> | <i>P</i> |
|-------------------------------|-------------------------------|-------------------------------|--|------------------------------|---|-----------------|
| Na ⁺ < 138 mmol/L | 40.0 | 60.4 | 51.8 | 0.04 | 1.02 (0.52-2.03) | 0.95 |
| Na ⁺ < 137 mmol/L | 25.7 | 72.9 | 53.0 | -0.01 | 1.00 (0.47-2.15) | 1.00 |
| Na ⁺ < 136 mmol/L | 25.7 | 77.1 | 55.4 | 0.03 | 1.16 (0.54-2.48) | 0.71 |
| Na ⁺ < 135 mmol/L | 25.7 | 83.3 | 59.2 | 0.09 | 1.52 (0.71-3.26) | 0.62 |
| Na ⁺ < 134 mmol/L | 22.9 | 87.5 | 60.2 | 0.10 | 1.58 (0.71-3.50) | 0.26 |
| Na ⁺ < 133 mmol/L | 14.3 | 91.7 | 59.0 | 0.06 | 1.29 (0.50-3.34) | 0.56 |
| Na ⁺ < 132 mmol/L | 8.6 | 93.8 | 57.8 | 0.02 | 1.11 (0.34-3.66) | 0.86 |
| Na ⁺ < 131 mmol/L* | 8.6 | 93.8 | 57.8 | 0.02 | 1.11 (0.34-3.66) | 0.86 |
| Na ⁺ < 130 mmol/L | 8.6 | 95.8 | 59.0 | 0.04 | 1.48 (0.45-4.87) | 0.52 |

* None of the subjects had Na⁺ = 131 mmol/L, thus the results are the same as for 132 mmol/L; [†] Hazard ratio by Cox regression analysis