

S3 Table. Minimal detectable HR per unit reduction of Na⁺ and for the presence of hyponatremia

Variable	Power (%)	Hazard ratio*			
		AECOPD Derivation N= 83	AECOPD Validation N=99	AECOPD Derivation + validation N=182	Acute HF N=143
<i>Na⁺ (per mmol/L decrease)</i>	50	1.070	1.059	1.044	1.061
	60	1.080	1.067	1.050	1.069
	70	1.090	1.076	1.056	1.078
	80	1.102	1.086	1.064	1.088
	90	1.119	1.100	1.074	1.102
<i>Na⁺ < 137 mmol/L</i>	50	1.942	1.678	1.502	1.621
	60	2.116	1.794	1.583	1.726
	70	2.320	1.927	1.675	1.845
	80	2.583	2.095	1.789	1.995
	90	2.998	2.353	1.960	2.224

*Calculated Hazard ratios are based on actual sample size, mortality rate, and standard deviation for each cohort, and a two-sided significance level of $\alpha=0.05$