**Supplemental table 1: Determinants of overhydration as determined by multiple linear regression analysis – display of full models.**

| covariate | model 1 | | model 2 | | model 3 | |
|---|---|---|---|---|---|---|
| | adjusted $r^2 = 0.48$ $p < 0.0001$ | | adjusted $r^2 = 0.48$ $p < 0.0001$ | | adjusted $r^2 = 0.48$ $p < 0.0001$ | |
| | estimate (lower95%-upper95%) | p-value | estimate (lower95%-upper95%) | p-value | estimate (lower95%-upper95%) | p-value |
| y-intercept | 3.76 (0.55-6.97) | 0.03 | 4.98 (1.88-8.07) | < 0.0001 | 5.63 (2.47-8.79) | < 0.0001 |
| proteinuria, log mg/g crea | 0.58 (0.30-0.85) | < 0.0001 | - | - | - | - |
| urinary plasmin(ogen), log µg/g crea | - | - | 0.23 (0.11-0.34) | < 0.0001 | - | - |
| urinary plasmin activity, log RU/g crea | - | - | - | - | 0.21 (0.04-0.37) | 0.01 |
| corrected plasma NT-pro-BNP concentration, log pg/ml | 0.65 (0.36-0.94) | < 0.0001 | 0.64 (0.35-0.92) | < 0.0001 | 0.74 (0.45-1.03) | < 0.0001 |
| edema (1=present) | 0.48 (0.29-0.67) | < 0.0001 | 0.48 (0.29-0.68) | < 0.0001 | 0.55 (0.35-0.74) | < 0.0001 |
| BMI, log $kg/m^2$ | -4.14 (-6.15--2.13) | 0.0001 | -4.10 (-6.12--2.08) | < 0.0001 | -4.40 (-6.57--2.33) | 0.0001 |
| plasma renin activity, log ng Ang l/ml/h | -0.20 (-0.47-0.07) | 0.09 | -0.18 (-0.45-0.09) | 0.20 | -0.18 (-0.46-0.11) | 0.22 |