**Supplementary Table 4.** Age-specific difference between current and new eGFR equations

| eGFR | Age (yr) | CKD stage[a] | | | | | |
|---|---|---|---|---|---|---|---|
| | | G1 | G2 | G3[a] | G3[b] | G4 | G5 |
| **Based on current creatinine-based equation** | | | | | | | |
| eGFR$_{cr}$ (mL/min/1.73 m$^2$) | <60 | 108.1 ± 10.9 | 73.1 ± 8.6 | 52.2 ± 4.2 | 37.2 ± 4.6 | 22.6 ± 4.4 | 11.5 ± 2.6 |
| | ≥60 | 96.2 ± 4.6 | 73.1 ± 8.7 | 52.4 ± 4.5 | 37.2 ± 4.2 | 23.2 ± 4.3 | 11.9 ± 2.2 |
| eGFR$_{cr}$ (NEW) (mL/min/1.73 m$^2$) | <60 | 111.5 ± 9.4 | 76.9 ± 8.9 | 55.2 ± 4.6 | 39.4 ± 4.9 | 24.0 ± 4.7 | 12.2 ± 2.8 |
| | ≥60 | 101.2 ± 3.5 | 78.4 ± 9.3 | 56.5 ± 4.8 | 40.2 ± 4.5 | 25.1 ± 4.6 | 12.9 ± 2.4 |
| eGFR$_{cr}$ difference (mL/min/1.73 m$^2$) | <60 | 3.4 ± 1.8 | 3.8 ± 0.8 | 3.0 ± 0.6 | 2.2 ± 0.5 | 1.4 ± 0.4 | 0.7 ± 0.2 |
| | ≥60 | 5.0 ± 1.3 | 5.3 ± 0.8 | 4.0 ± 0.5 | 3.0 ± 0.4 | 1.9 ± 0.4 | 1.0 ± 0.2 |
| **Based on current creatinine and cystatin C-based equation** | | | | | | | |
| eGFR$_{cr\text{-}cys}$ (mL/min/1.73 m$^2$) | <60 | 110.7 ± 12.7 | 73.7 ± 8.7 | 52.5 ± 4.1 | 36.9 ± 4.5 | 22.5 ± 4.2 | 11.7 ± 2.4 |
| | ≥60 | 100.1 ± 7.7 | 71.8 ± 9.0 | 52.1 ± 4.4 | 37.4 ± 4.3 | 22.7 ± 4.2 | 12.2 ± 2.1 |
| eGFR$_{cr\text{-}cys}$ (NEW) (mL/min/1.73 m$^2$) | <60 | 114.1 ± 11.7 | 77.0 ± 9.1 | 54.8 ± 4.3 | 38.4 ± 4.7 | 23.4 ± 4.4 | 12.2 ± 2.4 |
| | ≥60 | 105.5 ± 7.3 | 76.1 ± 9.5 | 55.2 ± 4.8 | 39.5 ± 4.6 | 23.9 ± 4.5 | 12.9 ± 2.3 |
| eGFR$_{cr\text{-}cys}$ difference (mL/min/1.73 m$^2$) | <60 | 3.4 ± 1.5 | 3.3 ± 1.1 | 2.3 ± 0.7 | 1.5 ± 0.5 | 0.9 ± 0.3 | 0.5 ± 0.2 |
| | ≥60 | 5.3 ± 0.9 | 4.2 ± 0.9 | 3.0 ± 0.7 | 2.1 ± 0.5 | 1.2 ± 0.3 | 0.7 ± 0.2 |

Data are expressed as mean ± standard deviation.

CKD, chronic kidney disease; eGFR, estimated glomerular filtration rate; eGFR$_{cr}$, eGFR based on creatinine with current equation; eGFR$_{cr}$ (NEW), eGFR based on creatinine with new equation; eGFR$_{cr\text{-}cys}$, eGFR based on creatinine and cystatin C with current equation; eGFR$_{cr\text{-}cys}$ (NEW), eGFR based on creatinine and cystatin C with new equation.

[a]eGFR difference between age groups is significant ($p < 0.05$).