

**Supplementary Table 1. Sex-specific difference between current and new eGFR equations**

eGFR	Sex	CKD stage					
		G1	G2 <sup>a</sup>	G3a <sup>a</sup>	G3b <sup>a</sup>	G4 <sup>a</sup>	G5 <sup>a</sup>
Based on current creatinine-based equation							
eGFR <sub>cr</sub> (mL/min/1.73 m <sup>2</sup> )	Male	105.2 ± 10.8	72.9 ± 8.5	52.7 ± 4.2	37.4 ± 4.4	22.8 ± 4.1	11.3 ± 2.8
	Female	109.0 ± 11.0	73.3 ± 8.8	51.7 ± 4.4	36.9 ± 4.4	23.0 ± 4.7	12.0 ± 1.9
eGFR <sub>cr</sub> (NEW) (mL/min/1.73 m <sup>2</sup> )	Male	109.6 ± 9.5	77.5 ± 8.9	56.4 ± 4.5	40.2 ± 4.7	24.6 ± 4.4	12.3 ± 3.1
	Female	111.7 ± 9.3	76.9 ± 9.3	54.5 ± 4.7	39.1 ± 4.7	24.4 ± 5.0	12.8 ± 2.1
eGFR <sub>cr</sub> difference (mL/min/1.73 m <sup>2</sup> )	Male	4.3 ± 1.5	4.5 ± 1.0	3.7 ± 0.7	2.8 ± 0.5	1.8 ± 0.4	0.9 ± 0.3
	Female	2.7 ± 1.8	3.6 ± 0.8	2.8 ± 0.6	2.1 ± 0.5	1.5 ± 0.4	0.8 ± 0.2
Based on current creatinine and cystatin C-based equation							
eGFR <sub>cr-cys</sub> (mL/min/1.73 m <sup>2</sup> )	Male	108.3 ± 12.1	73.3 ± 9.1	52.4 ± 4.3	37.1 ± 4.3	22.5 ± 4.2	11.8 ± 2.5
	Female	111.4 ± 13.1	73.0 ± 8.3	52.1 ± 4.1	37.1 ± 4.6	22.8 ± 4.3	12.2 ± 1.9
eGFR <sub>cr-cys</sub> (NEW) (mL/min/1.73 m <sup>2</sup> )	Male	111.8 ± 11.2	76.8 ± 9.5	55.0 ± 4.5	38.9 ± 4.6	23.5 ± 4.4	12.3 ± 2.6
	Female	115.0 ± 12.0	76.6 ± 8.8	54.9 ± 4.4	39.0 ± 4.8	23.9 ± 4.5	12.8 ± 2.0
eGFR <sub>cr-cys</sub> difference (mL/min/1.73 m <sup>2</sup> )	Male	3.6 ± 1.5	3.5 ± 1.1	2.5 ± 0.8	1.8 ± 0.6	1.0 ± 0.4	0.5 ± 0.2
	Female	3.6 ± 1.5	3.7 ± 1.1	2.7 ± 0.8	1.8 ± 0.6	1.1 ± 0.4	0.7 ± 0.2

Data are expressed as mean ± standard deviation.

CKD, chronic kidney disease; eGFR, estimated glomerular filtration rate; eGFR<sub>cr</sub>, eGFR based on creatinine with current equation; eGFR<sub>cr</sub> (NEW), eGFR based on creatinine with new equation; eGFR<sub>cr-cys</sub>, eGFR based on creatinine and cystatin C with current equation; eGFR<sub>cr-cys</sub> (NEW), eGFR based on creatinine and cystatin C with new equation.

<sup>a</sup>eGFR difference between sexes is significant (p < 0.05).