

## Supplementary File

### Appendix 1. eGFR equations

<b>Based on Serum Creatinine</b>		
Ab-MDRD	$186 \times (\text{cr}(\text{mg/dl}))^{-1.154} \times (\text{age})^{-0.203} \times 0.742(\text{if female}) \times 1.212(\text{if Black})$	
CG	$[(140-\text{age}(\text{year})) \times \text{body weight}(\text{Kg})] / (\text{Cr}(\text{mg/dl}) \times 72) \times 0.85(\text{if female})$	
CKD-EPI	If female with Cr<62 (μmol/L)	$144 \times (\text{cr}/61.6)^{-0.329} \times (0.993)^{\text{age}}$
	If female with Cr>62 (μmol/L)	$144 \times (\text{cr}/61.6)^{-1.209} \times (0.993)^{\text{age}}$
	If male with Cr<80 (μmol/L)	$141 \times (\text{cr}/79.2)^{-0.411} \times (0.993)^{\text{age}}$
	If female with Cr>80 (μmol/L)	$141 \times (\text{cr}/79.2)^{-1.209} \times (0.993)^{\text{age}}$
<b>Based on serum cystatin c</b>		
CKD-EPI	cysc ≤ 0.8(mg/L)	$133 \times (\text{cysc}/0.8)^{-0.499} \times (0.996)^{\text{age}} \times 0.932(\text{if female})$
	cysc > 0.8(mg/L)	$133 \times (\text{cysc}/0.8)^{-1.328} \times (0.996)^{\text{age}} \times 0.932(\text{if female})$
Filler and Lepage		$\text{Log}(\text{eGFR}) = 1.962 + [1.123 \times \text{Log}(1/\text{cysc})]$
Le Bricon		$[78 \times (1/\text{cysc})] + 4$
Hoek		$-4.32 + [80.35/\text{cysc}]$
Rule (renal transplant recipient)		$76.6 \times (\text{cysc})^{-1.16}$

eGFR: estimated glomerular filtration rate; Ab-MDRD: Abbreviated-Modification of Diet in Renal Disease; cr: serum creatinine; CG: Cockcroft-Gault; CKD-EPI: Chronic Kidney Disease Epidemiology Collaboration; cysc: cystatin c