

Supplementary Table 1. Area under the receiver operator characteristic curves (AUROC) in three models including either albuminuria or eGFR, or both albuminuria and eGFR parameters to predict depression severity defined as PHQ-9 scores  $\geq 5$  and 10

Renal parameter	PHQ-9 scores $\geq 5$			PHQ-9 scores $\geq 10$		
	AUROC	95% CI	P value*	AUROC	95% CI	P value*
<b>Albuminuria</b>	0.574	0.546 – 0.601	-	0.573	0.532 – 0.614	-
<b>eGFR</b>	0.518	0.489 – 0.546	<0.001	0.510	0.467 – 0.554	0.001
<b>Albuminuria and eGFR</b>	0.580	0.552 – 0.610	0.262	0.573	0.531 – 0.614	0.989

Abbreviations: PHQ-9: Patient Health Questionnaire-9, AUROC: Area under the receiver operator characteristic curves, eGFR: estimated glomerular filtration ratio