

Table 2. Concordance analysis for diabetes for study participants

Diabetes	Status from clinical diagnoses recorded data							$\kappa$	<i>P</i> value of $\kappa$	BI	PI	PABAK
	N (%)	No		Yes		Total						
		n	%	n	%	n	%	0.76	<0.001	0.10	0.10	0.76
Self-reported status	No	234	48.95	52	10.88	286	59.83					
	Yes	5	1.05	187	39.12	192	40.17					
	Total	239	50.00	239	50.00	478	100					

Table 3. Concordance analysis for pre-diabetes for study participants without diabetes

Pre-diabetes	Status from clinical diagnoses recorded data							$\kappa$	<i>P</i> value of $\kappa$	BI	PI	PABAK
	N (%)	No		Yes		Total						
		n	%	n	%	n	%	0.36	<0.001	0.09	0.62	0.60
Self-reported status	No	169	70.71	35	14.64	204	85.36					
	Yes	13	5.44	22	9.21	35	14.64					
	Total	182	76.15	57	23.85	239	100					

$\kappa$ : kappa; BI: Bias Index; PI: Prevalence Index; PABAK: prevalence-adjusted bias-adjusted kappa

$PABAK = \kappa + (1 - \kappa) PI^2 + (\kappa - 1) BI^2$

Refer to online Supplementary Material S3 for more details