

Table S3. Proportion with acidosis and mean value of serum bicarbonate, by cohort

Study	N	% Acidosis	Bicarbonate, mean (SD)
CKD Cohorts			
AASK	984	100 (10%)	25 (3)
BC CKD	11162	1300 (12%)	26 (4)
CanPREDDICT	1822	260 (14%)	25 (4)
CCF	16218	1665 (10%)	26 (3)
CRIB	324	151 (47%)	24 (4)
Geisinger CKD†	24358	1302 (5%)	27 (3)
MASTERPLAN	668	124 (19%)	25 (4)
MDRD	1725	549 (32%)	23 (4)
Mt Sinai BioMe CKD†	3520	591 (17%)	25 (4)
PSP-CKD	228	36 (16%)	26 (4)
RCAV	119959	6908 (6%)	27 (3)
SCREAM CKD†	7011	1366 (19%)	24 (4)
SRR-CKD	1613	469 (29%)	23 (3)
Sunnybrook	2748	264 (10%)	26 (4)
Subtotal	192340	15086 (8%)	26 (4)
General Population			
NHANES	41359	3654 (9%)	25 (2)
High Risk Cohorts			
Geisinger	64341	1896 (3%)	27 (3)
Mt Sinai BioMe	8047	794 (10%)	26 (3)
SCREAM	12001	1494 (12%)	25 (3)
General population/ high risk subtotal	125748	7840 (6%)	26 (3)
Total†	283199		
Acidosis: Bicarbonate <22 mmol/L			
† CKD population from three administrative high risk cohorts, not included in the total N			