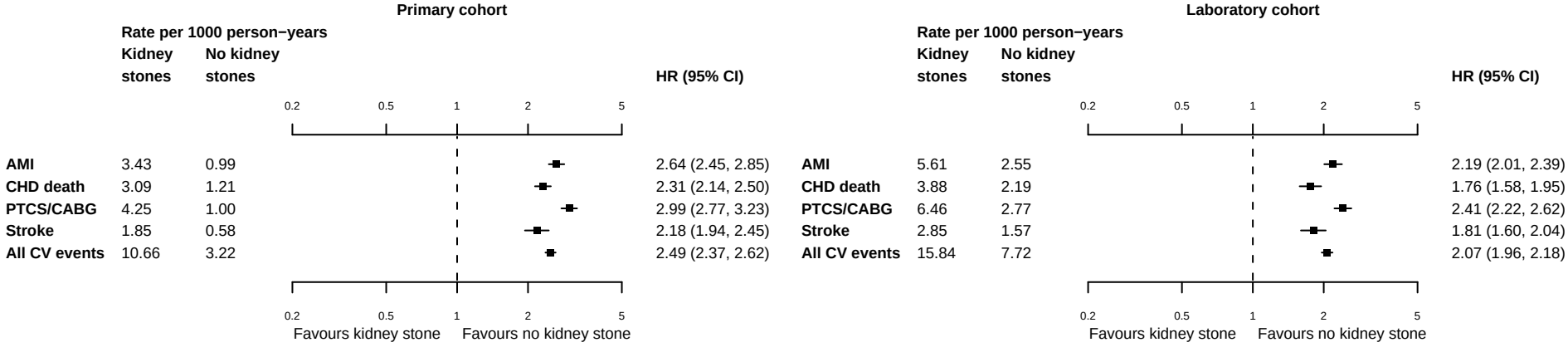
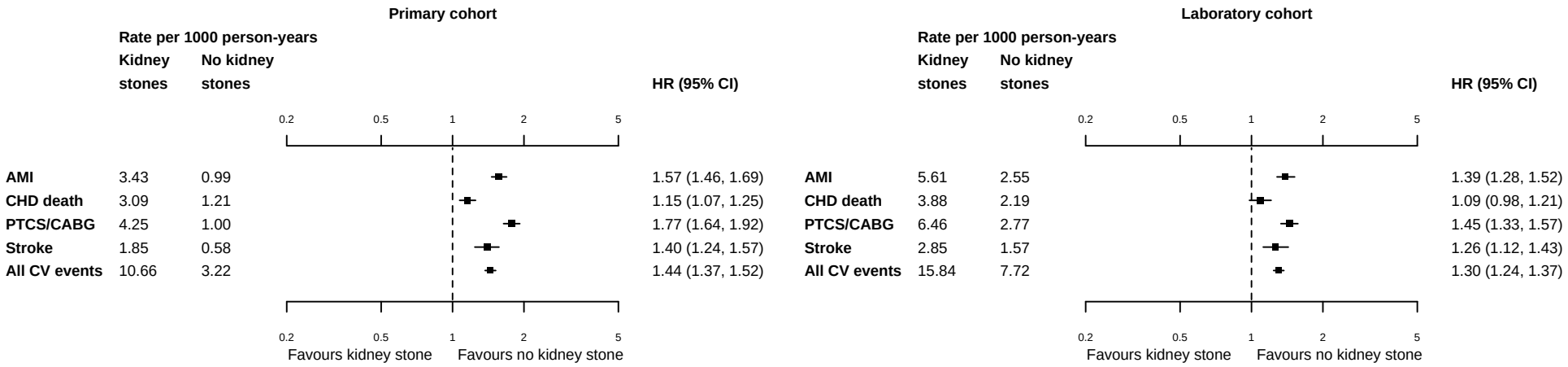
Appendix Table: Algorithms used to define clinical outcomes

	ICD-9-CM	ICD-9-CM Procedure	ICD-10-CA	CCI
Acute myocardial infarction	410		I21, I22	-
Death with coronary heart disease	410-414, 429.2		I20.0, I20.1, I20.8-I21.4, I21,9-I22.1, I22.8-I23.6, I23.8, I24.0, I24.1, I24.8-I25.6, I25.8, I25.9	-
Percutaneous transluminal coronary angioplasty	-	36.01, 36.02, 36.05, 36.06	-	1.IJ.50, 1.IJ.57.GQ, 1.IL.35
Coronary artery bypass graft	-	36.1, 36.2	-	1.IJ.76
Stroke	362.3, 431, 430, 433.X1, 434.X1, 436		H34.1, I60, I61, I63, I64	-


Primary cohort
Rate per 1000 person−years
Kidney stones
No kidney stones
HR (95% CI)
AMI 3.43 0.99 2.64 (2.45, 2.85)
CHD death 3.09 1.21 2.31 (2.14, 2.50)
PTCS/CABG 4.25 1.00 2.99 (2.77, 3.23)
Stroke 1.85 0.58 2.18 (1.94, 2.45)
All CV events 10.66 3.22 2.49 (2.37, 2.62)
0.2
0.5
1
2
5
Favours kidney stone
Favours no kidney stone
Laboratory cohort
Rate per 1000 person−years
Kidney stones
No kidney stones
HR (95% CI)
AMI 5.61 2.55 2.19 (2.01, 2.39)
CHD death 3.88 2.19 1.76 (1.58, 1.95)
PTCS/CABG 6.46 2.77 2.41 (2.22, 2.62)
Stroke 2.85 1.57 1.81 (1.60, 2.04)
All CV events 15.84 7.72 2.07 (1.96, 2.18)
0.2
0.5
1
2
5
Favours kidney stone
Favours no kidney stone


Primary cohort
Rate per 1000 person-years
Kidney stones
No kidney stones
HR (95% CI)
AMI 3.43 0.99 1.57 (1.46, 1.69)
CHD death 3.09 1.21 1.15 (1.07, 1.25)
PTCS/CABG 4.25 1.00 1.77 (1.64, 1.92)
Stroke 1.85 0.58 1.40 (1.24, 1.57)
All CV events 10.66 3.22 1.44 (1.37, 1.52)
0.2
0.5
1
2
5
Favours kidney stone
Favours no kidney stone
Laboratory cohort
Rate per 1000 person-years
Kidney stones
No kidney stones
HR (95% CI)
AMI 5.61 2.55 1.39 (1.28, 1.52)
CHD death 3.88 2.19 1.09 (0.98, 1.21)
PTCS/CABG 6.46 2.77 1.45 (1.33, 1.57)
Stroke 2.85 1.57 1.26 (1.12, 1.43)
All CV events 15.84 7.72 1.30 (1.24, 1.37)
0.2
0.5
1
2
5
Favours kidney stone
Favours no kidney stone