

Table 1 Sensitivity, specificity, and accuracy of extracted comorbidity data from medical records for CCI/ECI comorbidities, diabetes, and hypertension, Islamic Republic of Iran

	TP	FP	FN	TN	Sensitivity, % (95% CI)	Specificity, % (95% CI)	Accuracy, % (95% CI)
CCI	41	16	3	37	93.2 (81.3–98.6)	69.8 (55.7–81.7)	80.4 (71.1–87.8)
ECI	53	20	8	16	86.9 (75.8–94.2)	44.4 (27.9–61.9)	71.1 (61.1–79.9)
Diabetes	37	17	0	43	100.0 (90.5–100.0)	71.7 (58.6–82.6)	82.5 (74.4–89.5)
Hypertension	13	31	2	51	86.7 (59.5–98.3)	62.2 (50.8–72.7)	65.9 (55.7–75.3)

Sensitivity, specificity, and accuracy of medical records data for detecting any comorbidity versus non-comorbidity were calculated for CCI and ECI. CCI = Charlson Comorbidity Index; CI = confidence interval; ECI = Elixhauser Comorbidity Index; FN = false negative; FP = false positive; TN = true negative; TP = true positive.