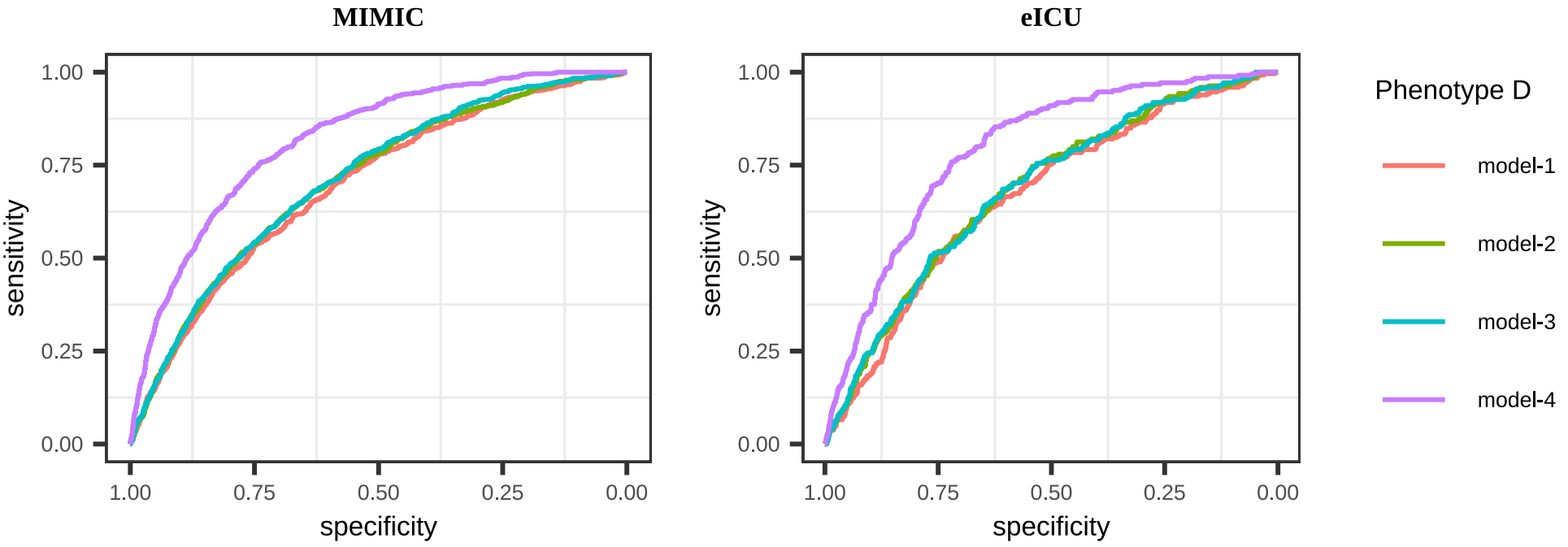

CCI	Features	AUC(MIMIC)	AUC(eICU)	P value
model-1	Clinicians(N=14)	0.69(0.67,0.71)	0.67(0.63,0.7)	Ref
model-2	Clinicians+Demographics(N=15)	0.71(0.69,0.73)	0.68(0.65,0.72)	<0.001
model-3	Clinicians+Demographics+Comorbidities(N=19)	0.71(0.69,0.73)	0.68(0.65,0.72)	<0.001
model-4	Clinicians+Demographics+Comorbidities+Treatment(N=35)	0.82(0.8,0.83)	0.79(0.77,0.82)	<0.001