S4 Table. Performance of candidate PRS-GC in the validation set (KoGES cohort)

PRS methods	PRS_{All}	$PRS_{Sex\text{-}specific}$
CT	0.766	0.767
LASSOsum	0.768	0.770
LDpred (ρ=0.01)	0.768	0.767
LDpred (ρ=0.03)	0.765	0.766
LDpred (ρ=0.1)	0.763	0.764
LDpred (ρ=0.3)	0.762	0.761
LDpred (ρ=1)	0.763	0.762
PRS-CS	0.761	0.765

AUC was calculated for the logistic regression model including age, sex, and top four PCs.
AUC, area under the curve; GC, gastric cancer; KoGES, Korean Genome and Epidemiology Study; PCs, principal components; PRS, polygenic risk score; PRS-CS, PRS-continuous shrinkage.