

Supplemental table 3. Association between the 1st principal component and the likelihood of DR with adjusting for diabetes medications

The 1 st principal component	OR (95% CI) in the basic model	OR (95% CI) in the adjusted models					
		Insulin	Metformin	Gliclazide	Acarbose	Pioglitazone	Others
Training set	0.62 (0.43,0.87)	0.62 (0.44,0.89)	0.64 (0.44,0.93)	0.61(0.42,0.87)	0.62(0.43,0.88)	0.62(0.44,0.89)	0.62(0.43,0.87)
Testing set	0.23 (0.04,1.31)	0.23 (0.04,1.31)	0.07(0.00,2.69)	0.18(0.02,1.88)	0.19(0.03,1.38)	0.24(0.04,1.34)	0.23(0.04,1.31)

OR: odds ratio, CI: confidence interval, DR: diabetic retinopathy.

Basic model: the 1st and 2nd principal components + systolic blood pressure + diabetes duration.

Adjusted model: basic model + an individual medication per time.