

ESM Table 2

Harrell's C statistic, Net Reclassification Index (NRI) and Integrated Improvement Index (IDI) for amino acid combinations and conventional risk factors in the prediction of incident diabetes

	European men	South Asian men
Model 1: adjusted for age, waist:hip ratio, truncal skinfold thickness, Matsuda IR, HDL cholesterol, current smoking		
C statistic	0.732	0.738
Model 1 plus tyrosine		
C statistic	0.731, p=0.7 <sup>b</sup>	0.752, p=0.092 <sup>b</sup>
IDI	0.0008, p=0.4 <sup>b</sup>	0.023, p<0.0001 <sup>b</sup>
NRI <sup>a</sup>	0.028, p=0.2 <sup>b</sup>	0.098, p=0.0014 <sup>b</sup>
Model 1 plus isoleucine, phenylalanine, tyrosine		
C statistic	0.732, p=1.0 <sup>b</sup>	0.745, p=0.5 <sup>b</sup>
IDI	0.0001, p=0.6 <sup>b</sup>	0.019, p=0.0007 <sup>b</sup>
NRI <sup>a</sup>	0.011, p=0.7 <sup>b</sup>	-0.005, p=0.9 <sup>b</sup>
Model 1 plus isoleucine, leucine, valine, phenylalanine, tyrosine		
C statistic	0.731, p=0.8 <sup>b</sup>	0.743, p=0.4 <sup>b</sup>
IDI	0.0004, p=0.5 <sup>b</sup>	0.023, p=0.0002 <sup>b</sup>
NRI <sup>a</sup>	0.008, p=0.8 <sup>b</sup>	-0.022, p=0.5 <sup>b</sup>

<sup>a</sup>NRI: Cutpoints for diabetes risk:15%/30%

<sup>b</sup>p value for comparison with model 1