ESM Table 2 ORs and province- and community-level variance for diabetes prevalence according to HbA$_{1c}$ diagnostic criterion across levels of total urbanisation and its components[a,b]

Urbanisation level or component	Men						Women					
			Province		Community				Province		Community	
	OR (95%CI)	p value	Variance (SE)	ICC	Variance (SE)	ICC	OR (95%CI)	p value	Variance (SE)	ICC	Variance (SE)	ICC
Total Urbanisation Level[c]												
Low	1		0.28 (0.16)	0.07	0.27 (0.12)	0.07	1		0.27 (0.15)	0.07	0.19 (0.10)	0.05
Medium	1.33 (0.89, 1.99)	0.17					2.08 (1.42, 3.06)	<0.001				
High	1.71 (1.16, 2.54)	0.007					2.11 (1.44, 3.10)	<0.001				
12 Urbanisation Index Components[d]												
Population Density	1.09 (0.88, 1.36)	0.41	0.27 (0.15)	0.07	0.30 (0.12)	0.08	1.17 (0.96, 1.44)	0.12	0.28 (0.16)	0.07	0.27 (0.11)	0.08
Social Services	0.97 (0.81, 1.17)	0.77	0.27 (0.16)	0.07	0.31 (0.12)	0.08	1.22 (1.03, 1.43)	0.02	0.26 (0.15)	0.07	0.24 (0.10)	0.08
Health Infrastructure	1.51 (1.10, 2.08)	0.01	0.25 (0.14)	0.07	0.29 (0.12)	0.08	1.20 (0.89, 1.64)	0.24	0.27 (0.15)	0.07	0.28 (0.11)	0.08
Modern Markets	1.52 (1.11, 2.06)	0.008	0.31 (0.17)	0.07	0.27 (0.11)	0.08	1.46 (1.09, 1.98)	0.01	0.29 (0.16)	0.07	0.25 (0.10)	0.08
Traditional Markets	1.36 (1.02, 1.81)	0.04	0.31 (0.17)	0.07	0.28 (0.12)	0.08	1.57 (1.19, 2.08)[e]	0.001	0.31 (0.17)	0.07	0.23 (0.10)	0.08
Transportation Infrastructure	1.00 (0.88, 1.12)	0.96	0.27 (0.16)	0.07	0.31 (0.12)	0.08	1.12 (1.00, 1.26)	0.05	0.29 (0.17)	0.07	0.26 (0.11)	0.08
Communications	1.47 (1.15, 1.87)[e]	0.002	0.24 (0.14)	0.07	0.26 (0.12)	0.08	1.53 (1.22, 1.92)[e]	<0.001	0.22 (0.13)	0.07	0.22 (0.10)	0.08
Housing Infrastructure	1.49 (1.11, 1.99)	0.008	0.31 (0.17)	0.07	0.27 (0.12)	0.08	1.45 (1.10, 1.93)	0.009	0.31 (0.17)	0.07	0.24 (0.10)	0.08
Sanitation	1.72 (1.25, 2.38)[e]	0.001	0.27 (0.15)	0.07	0.26 (0.11)	0.08	1.57 (1.16, 2.13)	0.004	0.26 (0.15)	0.07	0.23 (0.10)	0.08
Economic Activity	1.52 (1.14, 2.02)	0.004	0.27 (0.15)	0.07	0.27 (0.12)	0.08	1.32 (1.00, 1.74)	0.05	0.27 (0.16)	0.07	0.26 (0.10)	0.08
Education	1.33 (1.14, 1.54)[e]	<0.001	0.26 (0.15)	0.07	0.24 (0.11)	0.08	1.15 (0.98, 1.34)	0.09	0.27 (0.15)	0.07	0.26 (0.11)	0.08
Education and Income Diversity	1.52 (1.14, 2.02)	0.004	0.27 (0.15)	0.07	0.27 (0.12)	0.08	1.20 (0.98, 1.47)	0.08	0.27 (0.16)	0.07	0.26 (0.10)	0.08

[a] 26 separate sex-stratified multilevel models for total urbanisation and its components

[b] Diabetes defined as an HbA$_{1c}$≥6.5% (48 mmol/mol) or doctor diagnosis of diabetes

[c] ORs for diabetes prevalence presented for medium (59.0-82.2) and high (≥82.3) (range 30.4-106.6) relative to low urbanisation level (<59.0)

[d] ORs for diabetes prevalence presented for the 75th (high) relative to the 25th (low) percentile of each of the 12 urbanisation index components

[e] OR statistically significant at bonferroni-corrected p<0.002 (type 1 error rate=0.05 across 24 models) by two-tailed z test