

Table 2. Pooled diagnostic accuracy of HbA_{1c} at different cut-offs against the OGTT as standard

Cut point	Studies	Participants	T2D Prevalence (%)	I ²	Sensitivity	Specificity	Positive likelihood ratio	Negative likelihood ratio	Diagnostic Odds ratio	Area under the curve
6.0 %	4	4289	9.1	92.7	74.9 (41.9 – 92.5)	71.8 (39.1 – 91.0)	2.7 (0.7 – 10.5)	0.4 (0.1 – 1.5)	7.6 (1.1 – 54.8)	0.73 (0.51 – 0.88)
6.1 %	5	5108	10.4	90.4	71.5 (54.1 – 84.2)	79.0 (62.5 – 89.5)	3.4 (1.5 – 7.7)	0.4 (0.2 – 0.8)	9.4 (3.1 – 28.5)	0.75 (0.64 – 0.84)
6.5 %	6	6183	13	91.8	57.7 (43.4– 70.9)	92.3 (83.9 – 96.5)	7.5 (3.2 – 17.6)	0.5 (0.3 – 0.8)	16.3 (5.9 - 44.7)	0.80 (0.71 – 0.87)
7.0 %	3	1540	7.6	93.0	49.7 (11.9 – 87.9)	97.1 (57.3 – 99.9)	17.1 (0.6 – 517.0)	0.5 (0.1 – 2.7)	33.0 (0.8 – 1452.8)	0.85 (0.46 – 0.97)

All pooled estimates are from the SCS model. Findings were not pooled for cut-offs that had less than 3 studies.

*Conversion to IFCC units; 6.0% = 42mmol/mol, 6.1% = 43mmol/mol, 6.5%=48mmol/mol, 7.0%=53mmol/mol