

SUPPLEMENTARY TABLE S4. SENSITIVITY AND SPECIFICITY, AND RECLASSIFICATION ACCORDING TO DIFFERENT HbA1c CUTOFFS FOR DIABETES (FPG  $\geq$  126 mg/dL AND/OR 2-HR GLUCOSE  $\geq$  200 mg/dL)

	<i>HbA1c</i>	<i>Test characteristics</i>					<i>Reclassified (%)</i>	
		<i>Sensitivity</i>	<i>Specificity</i>	<i>J value</i>	<i>PPV</i>	<i>NPV</i>	<i>Diabetes*</i>	<i>No diabetes†</i>
All	6.2	0.400	0.973	0.373	0.594	0.942	5.4	2.5
	6.3	0.355	0.985	0.340	0.707	0.939	5.9	1.3
	6.4	0.290	0.990	0.280	0.751	0.933	6.5	0.9
	6.5	0.249	0.995	0.243	0.819	0.930	6.8	0.5
	6.6	0.212	0.996	0.208	0.846	0.927	7.2	0.4
Male	6.2	0.423	0.971	0.394	0.614	0.938	2.9	1.3
	6.3	0.382	0.984	0.366	0.723	0.935	3.1	0.7
	6.4	0.311	0.988	0.299	0.741	0.928	3.4	0.5
	6.5	0.281	0.993	0.274	0.824	0.926	3.6	0.3
	6.6	0.251	0.995	0.246	0.859	0.923	3.7	0.2
Female	6.2	0.372	0.975	0.347	0.568	0.945	2.6	1.2
	6.3	0.323	0.987	0.310	0.686	0.942	2.8	0.6
	6.4	0.265	0.993	0.257	0.766	0.938	3.0	0.3
	6.5	0.211	0.996	0.206	0.810	0.934	3.3	0.2
	6.6	0.166	0.997	0.163	0.822	0.930	3.4	0.1
NHW	6.2	0.331	0.984	0.315	0.692	0.930	3.4	0.7
	6.3	0.301	0.993	0.294	0.820	0.928	3.5	0.3
	6.4	0.239	0.995	0.234	0.844	0.922	3.8	0.2
	6.5	0.210	0.998	0.207	0.905	0.919	4.0	0.1
	6.6	0.158	0.998	0.156	0.915	0.915	4.2	0.1
NHB	6.2	0.610	0.939	0.549	0.400	0.973	0.4	1.0
	6.3	0.525	0.963	0.488	0.484	0.968	0.5	0.6
	6.4	0.441	0.973	0.414	0.520	0.963	0.6	0.4
	6.5	0.407	0.982	0.389	0.600	0.961	0.6	0.3
	6.6	0.339	0.988	0.327	0.645	0.957	0.7	0.2
MEX	6.2	0.414	0.979	0.393	0.683	0.938	1.1	0.4
	6.3	0.364	0.987	0.350	0.750	0.934	1.2	0.2
	6.4	0.313	0.993	0.306	0.838	0.929	1.3	0.1
	6.6	0.273	0.997	0.269	0.900	0.926	1.3	0.1
	20–39 years	6.2	0.431	0.994	0.425	0.667	0.984	0.5
6.3		0.353	0.999	0.352	0.947	0.982	0.6	0.0
6.4		0.333	0.999	0.333	0.944	0.982	0.6	0.0
6.5		0.314	1.000	0.314	1.000	0.981	0.6	0.0
6.6		0.275	1.000	0.275	1.000	0.980	0.7	0.0
40–59 years	6.2	0.447	0.975	0.422	0.573	0.959	1.4	0.8
	6.3	0.409	0.985	0.394	0.675	0.957	1.4	0.5
	6.4	0.341	0.991	0.332	0.750	0.952	1.6	0.3
	6.5	0.288	0.995	0.283	0.809	0.949	1.7	0.2
	6.6	0.258	0.997	0.255	0.872	0.947	1.8	0.1
60–79 years	6.2	0.375	0.941	0.315	0.593	0.867	3.6	1.5
	6.3	0.332	0.966	0.298	0.694	0.863	3.8	0.8
	6.4	0.261	0.977	0.237	0.721	0.851	4.2	0.6
	6.5	0.222	0.986	0.208	0.791	0.846	4.4	0.3
	6.6	0.182	0.989	0.172	0.800	0.840	4.7	0.3

\*False negative, diabetic people reclassified as not having diabetes based on HbA1c cutoff.

†False positive, nondiabetic people reclassified as having diabetes based on HbA1c cutoff.

HbA1c, glycated hemoglobin; FPG, fasting plasma glucose; PPV, positive predict value; NPV, negative predict value; J value = Sensitivity + Specificity – 1; NHW, non-Hispanic white; NHB, non-Hispanic black; MEX, Mexican American.