

SUPPLEMENTARY DATA

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SUPPLEMENTARY DATA

Supplementary Table A-1. Sensitivity (SENS), specificity (SPEC), and positive likelihood ratio (PLR) for select baseline HbA1c cutoffs overall, by gender, by race-ethnicity, and by the interaction of gender with race-ethnicity. Values maximizing the Youden index are highlighted in green.

Baseline HbA1c cut-off	Overall			Female			Male		
	SENS	SPEC	PLR	SENS	SPEC	PLR	SENS	SPEC	PLR
5.5	88.9	38.4	1.44	88.1	33.3	1.32	90.2	47.5	1.72
5.6	85.6	48.3	1.65	84.5	42.3	1.46	87.5	59.0	2.14
5.7	81.3	51.2	1.66	80.8	45.0	1.47	82.1	62.3	2.18
5.8	77.0	58.7	1.87	77.2	54.1	1.68	76.8	67.2	2.34
5.9	72.5	64.5	2.04	72.5	61.3	1.87	72.3	70.5	2.45
6.0	68.5	69.8	2.27	68.4	68.5	2.17	68.8	72.1	2.47
6.1	63.6	75.0	2.54	64.8	74.8	2.57	61.6	75.4	2.51
6.2	58.7	80.2	2.97	62.2	80.2	3.14	52.7	80.3	2.68
6.3	53.8	85.5	3.70	59.1	86.5	4.37	44.6	83.6	2.72
6.4	48.5	89.0	4.39	53.9	90.1	5.44	39.3	86.9	3.00
6.5	43.3	91.3	4.96	48.2	92.8	6.69	34.8	88.5	3.03
6.6	37.4	93.6	5.84	41.5	94.6	7.67	30.4	91.8	3.70

Baseline HbA1c cut-off	Non-Hispanic Black			Hispanic			Non-Hispanic White		
	SENS	SPEC	PLR	SENS	SPEC	PLR	SENS	SPEC	PLR
5.5	94.0	34.0	1.43	85.7	41.4	1.46	87.5	37.2	1.39
5.6	91.5	44.7	1.65	83.2	47.1	1.57	81.3	51.2	1.66
5.7	86.3	48.9	1.69	78.2	51.4	1.61	79.2	51.2	1.62
5.8	85.5	55.3	1.91	73.9	58.6	1.78	70.8	60.5	1.79
5.9	84.6	59.6	2.09	63.9	65.7	1.86	70.8	65.1	2.03
6.0	81.2	68.1	2.54	60.5	71.4	2.12	66.7	65.1	1.91
6.1	75.2	72.3	2.72	56.3	78.6	2.63	60.4	69.8	2.00
6.2	69.2	76.6	2.96	52.9	81.4	2.85	52.1	76.7	2.24
6.3	64.1	87.2	5.02	47.1	84.3	2.99	50.0	81.4	2.69
6.4	55.6	93.6	8.70	43.7	87.1	3.40	45.8	83.7	2.82
6.5	50.4	93.6	7.90	39.5	90.0	3.95	37.5	88.4	3.23
6.6	41.0	95.7	9.64	34.5	91.4	4.02	37.5	93.0	5.37

SUPPLEMENTARY DATA

Baseline HbA1c cut-off	Female NHB			Female Hispanic			Female NHW		
	SENS	SPEC	PLR	SENS	SPEC	PLR	SENS	SPEC	PLR
5.5	93.8	32.3	1.38	84.1	30.2	1.20	89.7	37.0	1.42
5.6	91.3	41.9	1.57	81.2	34.9	1.25	82.8	48.1	1.60
5.7	85.0	48.4	1.65	78.3	37.2	1.25	82.8	48.1	1.60
5.8	83.8	54.8	1.85	75.4	48.8	1.47	79.3	55.6	1.78
5.9	83.8	61.3	2.16	62.3	55.8	1.41	79.3	63.0	2.14
6.0	81.3	71.0	2.80	56.5	65.1	1.62	75.9	63.0	2.05
6.1	77.5	77.4	3.43	52.2	74.4	2.04	72.4	66.7	2.17
6.2	73.8	83.9	4.57	52.2	79.1	2.49	65.5	70.4	2.21
6.3	70.0	93.5	10.85	49.3	83.7	3.03	62.1	77.8	2.79
6.4	61.3	96.8	18.99	44.9	88.4	3.86	62.1	81.5	3.35
6.5	55.0	96.8	17.05	40.6	90.7	4.36	55.2	88.9	4.97
6.6	43.8	96.8	13.56	34.8	93.0	4.99	55.2	92.6	7.45

Baseline HbA1c cut-off	Male NHB			Male Hispanic			Male NHW		
	SENS	SPEC	PLR	SENS	SPEC	PLR	SENS	SPEC	PLR
5.5	94.6	37.5	1.51	88.0	59.3	2.16	84.2	37.5	1.35
5.6	91.9	50.0	1.84	86.0	66.7	2.58	78.9	56.3	1.80
5.7	89.2	50.0	1.78	78.0	74.1	3.01	73.7	56.3	1.68
5.8	89.2	56.3	2.04	72.0	74.1	2.78	57.9	68.8	1.85
5.9	86.5	56.3	1.98	66.0	81.5	3.56	57.9	68.8	1.85
6.0	81.1	62.5	2.16	66.0	81.5	3.56	52.6	68.8	1.68
6.1	70.3	62.5	1.87	62.0	85.2	4.19	42.1	75.0	1.68
6.2	59.5	62.5	1.59	54.0	85.2	3.65	31.6	87.5	2.53
6.3	51.4	75.0	2.05	44.0	85.2	2.97	31.6	87.5	2.53
6.4	43.2	87.5	3.46	42.0	85.2	2.84	21.1	87.5	1.68
6.5	40.5	87.5	3.24	38.0	88.9	3.42	10.5	87.5	0.84
6.6	35.1	93.8	5.62	34.0	88.9	3.06	10.5	93.8	1.68