

Table S6 Diagnostic accuracy of median latency at Digit II, All cutoff values, (participants with DM)

Age group	ROC	Sensitivity	Specificity	PPV	NPV
Cut off	3.5 (ms)				
Whole cohort	.668 (.587-.749)	84.6% (74.7%-91.8%)	49% (34.4%-63.7%)	72.5% (62.2%-81.4%)	66.7% (49%-81.4%)
Group1 < 30 years	.75 (0.0- 1)	50% (1.26%-98.7%)	100% (2.5%-100%)	100% (2.5%-100%)	50% (1.26%-98.7%)
Group2 30-39 years	.667 (0.0-1)	33.3% (.84%-90.6%)	100% (2.5%-100%)	100% (2.5%-100%)	33.3% (.84%-90.6%)
Group3 40-49 years	.564 (.287-.841)	72.7% (39%-94%)	40% (5.27%-85.3%)	72.7% (39%-94%)	40% (5.27%-85.3%)
Group4 50-59 years	.708 (.574-.841)	88.6% (73.3%-96.8%)	52.9% (27.8%-77%)	79.5% (63.5%-90.7%)	69.2% (38.6%-90.9%)
Group4 >60 years	.683 (.572-.794)	92.6% (75.7%-99.1%)	44% (24.4%-65.1%)	64.1% (47.2%-78.8%)	84.6% (54.6%-98.1%)
Cut off	3.6 (ms)				
Whole cohort	.64 (.555-.725)	76.9% (66%-85.7%)	51% (36.3%-65.6%)	71.4% (60.5%-80.8%)	58.1% (42.1%-73%)
Group1 < 30 years	.75 (-.1)	50% (1.26%-98.7%)	100% (2.5%-100%)	100% (2.5%-100%)	50% (1.26%-98.7%)
Group2 30-39 years	.667 (-.1)	33.3% (.84%-90.6%)	100% (2.5%-100%)	100% (2.5%-100%)	33.3% (.84%-90.6%)
Group3 40-49 years	.518 (.236-.801)	63.6% (30.8%-89.1%)	40% (5.27%-85.3%)	70% (34.8%-93.3%)	33.3% (4.33%-77.7%)
Group4 50-59 years	.65 (.509-.792)	77.1% (59.9%-89.6%)	52.9% (27.8%-77%)	77.1% (59.9%-89.6%)	52.9% (27.8%-77%)
Group4 >60 years	.684 (.568-.801)	88.9% (70.8%-97.6%)	48% (27.8%-68.7%)	64.9% (47.5%-79.8%)	80% (51.9%-95.7%)
Cut off	3.7 (ms)				
Whole cohort	.664 (.579-.749)	75.6% (64.6%-84.7%)	57.1% (42.2%-71.2%)	73.8% (62.7%-83%)	59.6% (44.3%-73.6%)
Group1 < 30 years	.75 (-.1)	50% (1.26%-98.7%)	100% (2.5%-100%)	100% (2.5%-100%)	50% (1.26%-98.7%)
Group2 30-39 years	.667 (-.1)	33.3% (.84%-90.6%)	100% (2.5%-100%)	100% (2.5%-100%)	33.3% (.84%-90.6%)
Group3 40-49 years	.618 (.336-.901)	63.6% (30.8%-89.1%)	60% (14.7%-94.7%)	77.8% (40%-97.2%)	42.9% (9.9%-81.6%)
Group4 50-59 years	.68 (.54-.82)	77.1% (59.9%-89.6%)	58.8% (32.9%-81.6%)	79.4% (62.1%-91.3%)	55.6% (30.8%-78.5%)

Group4 >60 years	.686 (.565-.807)	85.2% (66.3%-95.8%)	52% (31.3%-72.2%)	65.7% (47.8%-80.9%)	76.5% (50.1%-93.2%)
Cut off	3.9				
Whole cohort	.665 (.58-.75)	71.8% (60.5%-81.4%)	61.2% (46.2%-74.8%)	74.7% (63.3%-84%)	57.7% (43.2%-71.3%)
Group1 < 30 years	.75 (-.1)	50% (1.26%-98.7%)	100% (2.5%-100%)	100% (2.5%-100%)	50% (1.26%-98.7%)
Group2 30-39 years	.667 (-.1)	33.3% (.84%-90.6%)	100% (2.5%-100%)	100% (2.5%-100%)	33.3% (.84%-90.6%)
Group3 40-49 years	.718 (.472-.964)	63.6% (30.8%-89.1%)	80% (28.4%-99.5%)	87.5% (47.3%-99.7%)	50% (15.7%-84.3%)
Group4 50-59 years	.681 (.541-.82)	71.4% (53.7%-85.4%)	64.7% (38.3%-85.8%)	80.6% (62.5%-92.5%)	52.4% (29.8%-74.3%)
Group4 >60 years	.667 (.543-.792)	81.5% (61.9%-93.7%)	52% (31.3%-72.2%)	64.7% (46.5%-80.3%)	72.2% (46.5%-90.3%)
Cut off	4.0				
Whole cohort	.667 (.583-.752)	64.1% (52.4%-74.7%)	69.4% (54.6%-81.7%)	76.9% (64.8%-86.5%)	54.8% (41.7%-67.5%)
Group1 < 30 years	.75 (-.1)	50% (1.26%-98.7%)	100% (2.5%-100%)	100% (2.5%-100%)	50% (1.26%-98.7%)
Group2 30-39 years	.667 (-.1)	33.3% (.84%-90.6%)	100% (2.5%-100%)	100% (2.5%-100%)	33.3% (.84%-90.6%)
Group3 40-49 years	.673 (.423-.922)	54.5% (23.4%-83.3%)	80% (28.4%-99.5%)	85.7% (42.1%-99.6%)	44.4% (13.7%-78.8%)
Group4 50-59 years	.711 (.58-.842)	65.7% (47.8%-80.9%)	76.5% (50.1%-93.2%)	85.2% (66.3%-95.8%)	52% (31.3%-72.2%)
Group4 >60 years	.652 (.52-.783)	70.4% (49.8%-86.2%)	60% (38.7%-78.9%)	65.5% (45.7%-82.1%)	65.2% (42.7%-83.6%)
Cut off	4.1				
Whole cohort	.679 (.597-.761)	60.3% (48.5%-71.2%)	75.5% (61.1%-86.7%)	79.7% (67.2%-89%)	54.4% (41.9%-66.5%)
Group1 < 30 years					
Group2 30-39 years	.667 (-.1)	33.3% (.84%-90.6%)	100% (2.5%-100%)	100% (2.5%-100%)	33.3% (.84%-90.6%)
Group3 40-49 years	.773 (.618-.927)	54.5% (23.4%-83.3%)	100% (47.8%-100%)	100% (54.1%-100%)	50% (18.7%-81.3%)
Group4 50-59 years	.697 (.565-.829)	62.9% (44.9%-78.5%)	76.5% (50.1%-93.2%)	84.6% (65.1%-95.6%)	50% (29.9%-70.1%)
Group4 >60 years	.673 (.543-.803)	66.7% (46%-83.5%)	68% (46.5%-85.1%)	69.2% (48.2%-85.7%)	65.4% (44.3%-82.8%)
Cut off	4.2				

Whole cohort	.663 (.582-.744)	55.1% (43.4%-66.4%)	77.6% (63.4%-88.2%)	79.6% (66.5%-89.4%)	52.1% (40%-63.9%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.773 (.618-.927)	54.5% (23.4%-83.3%)	100% (47.8%-100%)	100% (54.1%-100%)	50% (18.7%-81.3%)
Group4 50-59 years	.682 (.55-.815)	60% (42.1%-76.1%)	76.5% (50.1%-93.2%)	84% (63.9%-95.5%)	48.1% (28.7%-68.1%)
Group4 >60 years	.656 (.526-.787)	59.3% (38.8%-77.6%)	72% (50.6%-87.9%)	69.6% (47.1%-86.8%)	62.1% (42.3%-79.3%)
Cut off	4.3				
Whole cohort	.691 (.617-.766)	52.6% (40.9%-64%)	85.7% (72.8%-94.1%)	85.4% (72.2%-93.9%)	53.2% (41.6%-64.5%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.727 (.573-.882)	45.5% (16.7%-76.6%)	100% (47.8%-100%)	100% (47.8%-100%)	45.5% (16.7%-76.6%)
Group4 50-59 years	.697 (.572-.823)	57.1% (39.4%-73.7%)	82.4% (56.6%-96.2%)	87% (66.4%-97.2%)	48.3% (29.4%-67.5%)
Group4 >60 years	.716 (.597-.836)	59.3% (38.8%-77.6%)	84% (63.9%-95.5%)	80% (56.3%-94.3%)	65.6% (46.8%-81.4%)
Cut off	4.4				
Whole cohort	.689 (.616-.761)	50% (38.5%-61.5%)	87.8% (75.2%-95.4%)	86.7% (73.2%-94.9%)	52.4% (41.1%-63.6%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.727 (.573-.882)	45.5% (16.7%-76.6%)	100% (47.8%-100%)	100% (47.8%-100%)	45.5% (16.7%-76.6%)
Group4 50-59 years	.727 (.612-.842)	57.1% (39.4%-73.7%)	88.2% (63.6%-98.5%)	90.9% (70.8%-98.9%)	50% (31.3%-68.7%)
Group4 >60 years	.679 (.558-.8)	51.9% (31.9%-71.3%)	84% (63.9%-95.5%)	77.8% (52.4%-93.6%)	61.8% (43.6%-77.8%)
Cut off	4.5				
Whole cohort	.68 (.61-.75)	46.2% (34.8%-57.8%)	89.8% (77.8%-96.6%)	87.8% (73.8%-95.9%)	51.2% (40.1%-62.1%)
Group1 < 30 years					

Group2 30-39 years					
Group3 40-49 years	.727 (.573-.882)	45.5% (16.7%-76.6%)	100% (47.8%-100%)	100% (47.8%-100%)	45.5% (16.7%-76.6%)
Group4 50-59 years	.698 (.583-.814)	51.4% (34%-68.6%)	88.2% (63.6%-98.5%)	90% (68.3%-98.8%)	46.9% (29.1%-65.3%)
Group4 >60 years	.681 (.565-.797)	48.1% (28.7%-68.1%)	88% (68.8%-97.5%)	81.3% (54.4%-96%)	61.1% (43.5%-76.9%)

*****Palmdiff*****

Diagnostic accuracy of palmdiff, All cutoff values, (participants with DM).

Age group	ROC	Sensitivity	Specificity	PPV	NPV
Cut off	0.5				
Whole cohort	.683(.593-.773)	74.6% (62.9% - 84.2%)	61.9%(45.6%-76.4%)	76.8% (65.1%-86.1%)	59.1%(43.2%-73.7%)
Group1 < 30 years	.75(. 1-	50% (1.26%-98.7%)	100%(2.5%-100%)	100%(2.5%-100%)	50%(1.26%-98.7%)
Group2 30-39 years	.833(. 1-	66.7% (9.43%-99.2%)	100% (2.5%-100%)	100% (15.8%-100%)	50% (1.26%-98.7%)
Group3 40-49 years	.929 (.833- 1)	85.7% (57.2%-98.2%)	100% (39.8%-100%)	100%(73.5% -100%)	66.7% (22.3%-95.7%)
Group4 50-59 years	.593(.429-.756)	72.4% (52.8%-87.3%)	46.2% (19.2%-74.9%)	75% (55.1%-89.3%)	42.9%(17.7%-71.1%)
Group4 >60 years	.674 (.537-.811)	73.9% (51.6%-89.8%)	60.9%(38.5%-80.3%)	65.4%(44.3%-82.8%)	70% (45.7%-88.1%)
Cut off	0.6				
Whole cohort	.709 (.622-.797)	70.4%(58.4%-80.7%)	71.4% (55.4%-84.3%)	80.6% (68.6%-89.6%)	58.8% (44.2%-72.4%)
Group1 < 30 years	.75(. 1-	50% (1.26%-98.7%)	100%(2.5%-100%)	100% (2.5%-100%)	50%(1.26%-98.7%)
Group2 30-39 years	.667 (. 1-	33.3% (.84%-90.6%)	100%(2.5%-100%)	100%(2.5%-100%)	33.3% (.84%-90.6%)
Group3 40-49 years	.929(.833- 1)	85.7% (57.2%-98.2%)	100% (39.8%-100%)	100% (73.5%-100%)	66.7% (22.3%-95.7%)
Group4 50-59 years	.597 (.431-.763)	65.5%(45.7%-82.1%)	53.8% (25.1%-80.8%)	76% (54.9%-90.6%)	41.2% (18.4%-67.1%)
Group4 >60 years	.739(.609-.869)	73.9% (51.6%-89.8%)	73.9% (51.6%-89.8%)	73.9% (51.6%-89.8%)	73.9%(51.6%-89.8%)
Cut off	0.7				
Whole cohort	.707(.62-.794)	67.6% (55.5%-78.2%)	73.8%(58%-86.1%)	81.4%(69.1%-90.3%)	57.4%(43.2%-70.8%)
Group1 < 30 years	.75(. 1-	50% (1.26%-98.7%)	100%(2.5%-100%)	100%(2.5%-100%)	50% (1.26%-98.7%)
Group2 30-39 years					
Group3 40-49 years	.893(.781- 1)	78.6% (49.2%-95.3%)	100% (39.8%-100%)	100% (71.5%-100%)	57.1% (18.4%-90.1%)
Group4 50-59 years	.635(.472-.799)	65.5% (45.7%-82.1%)	61.5% (31.6%-86.1%)	79.2%(57.8%-92.9%)	44.4%(21.5%-69.2%)
Group4 >60 years	.739(.609-.869)	73.9% (51.6%-89.8%)	73.9% (51.6%-89.8%)	73.9%(51.6%-89.8%)	73.9%(51.6%-89.8%)

Cut off	0.8				
Whole cohort	.691(.604-.777)	62%(49.7%-73.2%)	76.2%(60.5%-87.9%)	81.5%(68.6%-90.7%)	54.2%(40.8%-67.3%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.857 (.734-.98)	71.4%(41.9%-91.6%)	100%(39.8%-100%)	100%(69.2% -100%)	50%(15.7%-84.3%)
Group4 50-59 years	.635(.472-.799)	65.5%(45.7%-82.1%)	61.5%(31.6%-86.1%)	79.2%(57.8%-92.9%)	44.4%(21.5%-69.2%)
Group4 >60 years	.717(.586-.849)	65.2%(42.7%-83.6%)	78.3%(56.3%-92.5%)	75%(50.9%-91.3%)	69.2%(48.2%-85.7%)
Cut off	0.9				
Whole cohort	.71(.631-.789)	56.3%(44%-68.1%)	85.7%(71.5%-94.6%)	87%(73.7%-95.1%)	53.7%(41.1%-66%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.857 (.734-.98)	71.4%(41.9%-91.6%)	100%(39.8%-100%)	100%(69.2%-100%)	50%(15.7%-84.3%)
Group4 50-59 years	.699 (.561-.836)	55.2%(35.7%-73.6%)	84.6%(54.6%-98.1%)	88.9%(65.3%-98.6%)	45.8%(25.6%-67.2%)
Group4 >60 years	.717 (.588-.846)	60.9%(38.5%-80.3%)	82.6%(61.2%-95%)	77.8%(52.4%-93.6%)	67.9%(47.6%-84.1%)
Cut off	1.0				
Whole cohort	.701 (.624-.778)	52.1%(39.9%-64.1%)	88.1%(74.4%-96%)	88.1%(74.4%-96%)	52.1%(39.9%-64.1%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.857 (.734-.98)	71.4%(41.9%-91.6%)	100%(39.8%-100%)	100%(69.2%-100%)	50%(15.7%-84.3%)
Group4 50-59 years	.664(.527-.802)	48.3%(29.4%-67.5%)	84.6%(54.6%-98.1%)	87.5%(61.7%-98.4%)	42.3%(23.4%-63.1%)
Group 2+3+4					
Group4 >60 years	.717 (.592-.843)	56.5%(34.5% -76.8%)	87%(66.4%-97.2%)	81.3%(54.4%-96%)	66.7%(47.2%-82.7%)
Cut off	1.1				
Whole cohort	.687(.61 - .764)	49.3%(37.2%-61.4%)	88.1%(74.4%-96%)	87.5%(73.2%-95.8%)	50.7%(38.7%-62.6%)

Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.857(.734-.98)	71.4% (41.9%-91.6%)	100% (39.8%-100%)	100%(69.2%-100%)	50% (15.7%-84.3%)
Group4 50-59 years	.664 (.527-.802)	48.3% (29.4% -67.5%)	84.6% (54.6%-98.1%)	87.5% (61.7%-98.4%)	42.3% (23.4%-63.1%)
Group4 >60 years	.674 (.548-.8)	47.8% (26.8%-69.4%)	87%(66.4%-97.2%)	78.6%(49.2%-95.3%)	62.5% (43.7%-78.9%)
Cut off	1.2				
Whole cohort	.69(.619-.76)	45.1% (33.2%-57.3%)	92.9% (80.5%-98.5%)	91.4% (76.9%-98.2%)	50% (38.5%-61.5%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.821 (.691-.952)	64.3%(35.1%-87.2%)	100%(39.8%-100%)	100%(66.4%-100%)	44.4%(13.7%-78.8%)
Group4 50-59 years	.703(.584-.822)	48.3% (29.4%-67.5%)	92.3%(64% -99.8%)	93.3%(68.1%-99.8%)	44.4% (25.5%-64.7%)
Group4 >60 years	.652(.534-.77)	39.1% (19.7%-61.5%)	91.3%(72%-98.9%)	81.8%(48.2%-97.7%)	60% (42.1%-76.1%)
Cut off	1.3				
Whole cohort	.683(.612-.753)	43.7% (31.9%-56%)	92.9%(80.5%-98.5%)	91.2%(76.3%-98.1%)	49.4%(37.9%-60.9%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.821(.691-.952)	64.3% (35.1%-87.2%)	100%(39.8%-100%)	100% (66.4%-100%)	44.4% (13.7%-78.8%)
Group4 50-59 years	.686 (.567-.805)	44.8%(26.4% -64.3%)	92.3%(64%-99.8%)	92.9%(66.1%-99.8%)	42.9% (24.5%-62.8%)
Group4 >60 years	.652(.534-.77)	39.1% (19.7%-61.5%)	91.3%(72%-98.9%)	81.8% (48.2%-97.7%)	60%(42.1%-76.1%)
Cut off	1.4				
Whole cohort	.652 (.588-.717)	35.2% (24.2%-47.5%)	95.2% (83.8%-99.4%)	92.6%(75.7%-99.1%)	46.5% (35.7%-57.6%)
Group1 < 30 years					
Group2 30-39 years					

Group3 40-49 years	.786(.651-.92)	57.1% (28.9%-82.3%)	100%(39.8%-100%)	100%(63.1%-100%)	40% (12.2%-73.8%)
Group4 50-59 years	.617(.503-.731)	31% (15.3%-50.8%)	92.3% (64%-99.8%)	90% (55.5%-99.7%)	37.5%(21.1%-56.3%)
Group4 >60 years	.652(.544-.76)	34.8% (16.4%-57.3%)	95.7% (78.1%-99.9%)	88.9% (51.8%-99.7%)	59.5%(42.1%-75.2%)
Cut off	1.5				
Whole cohort	.645(.581-.709)	33.8% (23% -46%)	95.2% (83.8%-99.4%)	92.3%(74.9%-99.1%)	46%(35.2%-57%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.786(.651-.92)	57.1%(28.9%-82.3%)	100% (39.8%-100%)	100% (63.1%-100%)	40% (12.2%-73.8%)
Group4 50-59 years	.617 (.503-.731)	31% (15.3%-50.8%)	92.3%(64%-99.8%)	90% (55.5%-99.7%)	37.5%(21.1%-56.3%)
Group4 >60 years	.63 (.525-.736)	30.4% (13.2%-52.9%)	95.7% (78.1%-99.9%)	87.5% (47.3%-99.7%)	57.9%(40.8%-73.7%)
Cut off	1.6				
Whole cohort	.624(.561-.687)	29.6%(19.3%-41.6%)	95.2%(83.8%-99.4%)	91.3% (72%-98.9%)	44.4%(34%-55.3%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.786 (.651-.92)	57.1%(28.9%-82.3%)	100% (39.8%-100%)	100%(63.1%-100%)	40% (12.2%-73.8%)
Group4 50-59 years	.599(.488-.711)	27.6%(12.7%-47.2%)	92.3%(64%-99.8%)	88.9%(51.8%-99.7%)	36.4% (20.4%-54.9%)
Group4 >60 years	.587(.491-.683)	21.7% (7.46%-43.7%)	95.7%(78.1%-99.9%)	83.3%(35.9%-99.6%)	55% (38.5%-70.7%)
Cut off	1.7				
Whole cohort	.608 (.553-.663)	23.9%(14.6%-35.5%)	97.6% (87.4%-99.9%)	94.4%(72.7%-99.9%)	43.2% (33%-53.7%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.714 (.58-.849)	42.9% (17.7%-71.1%)	100% (39.8%-100%)	100%(54.1%-100%)	33.3% (9.92%-65.1%)

Group4 50-59 years	.621(.541-.7)	24.1%(10.3%-43.5%)	100% (75.3%-100%)	100% (59%-100%)	37.1% (21.5%-55.1%)
Group4 >60 years	.565 (.475-.655)	17.4%(4.95%-38.8%)	95.7%(78.1%-99.9%)	80% (28.4%-99.5%)	53.7%(37.4%-69.3%)

*****Thumbdiff*****

Diagnostic accuracy of thumbdiff, All cutoff values, (participants with DM).

Age group	ROC	Sensitivity	Specificity	PPV	NPV
Cut off	0.8				
Whole cohort	.717 (.632-.803)	78.3%(66.7%-87.3%)	65.2%(49.8%-78.6%)	77.1%(65.6%-86.3%)	66.7% (51%-80%)
Group1 < 30 years	1(. 1-	100% (15.8%-100%)	100%(2.5%-100%)	100%(15.8%-100%)	100%(2.5%-100%)
Group2 30-39 years	.833 (. 1-	66.7%(9.43%-99.2%)	100%(2.5%-100%)	100% (15.8%-100%)	50%(1.26%-98.7%)
Group3 40-49 years	.685 (.417-.953)	76.9%(46.2%-95%)	60% (14.7%-94.7%)	83.3%(51.6%-97.9%)	50%(11.8%-88.2%)
Group4 50-59 years	.777(.641-.914)	82.1% (63.1%-93.9%)	73.3%(44.9%-92.2%)	85.2% (66.3%-95.8%)	68.8% (41.3%-89%)
Group4 >60 years	.661 (.525-.797)	73.9% (51.6%-89.8%)	58.3% (36.6%-77.9%)	63% (42.4%-80.6%)	70% (45.7%-88.1%)
Cut off	0.9				
Whole cohort	.721(.636-.806)	76.8% (65.1%-86.1%)	67.4% (52%-80.5%)	77.9% (66.2%-87.1%)	66% (50.7%-79.1%)
Group1 < 30 years	1(. 1-	100%(15.8%-100%)	100%(2.5%-100%)	100% (15.8%-100%)	100%(2.5%-100%)
Group2 30-39 years	.833(. 1-	66.7% (9.43%-99.2%)	100%(2.5%-100%)	100% (15.8%-100%)	50% (1.26%-98.7%)
Group3 40-49 years	.685 (.417-.953)	76.9%(46.2% -95%)	60% (14.7%-94.7%)	83.3% (51.6%-97.9%)	50% (11.8%-88.2%)
Group4 50-59 years	.76 (.62 - .899)	78.6% (59% -91.7%)	73.3% (44.9%-92.2%)	84.6%(65.1%-95.6%)	64.7% (38.3%-85.8%)
Group4 >60 years	.682(.547-.817)	73.9%(51.6%-89.8%)	62.5% (40.6%-81.2%)	65.4% (44.3%-82.8%)	71.4%(47.8%-88.7%)
Cut off	1.0				
Whole cohort	.725(.641-.808)	71% (58.8%-81.3%)	73.9%(58.9%-85.7%)	80.3%(68.2%-89.4%)	63%(48.7%-75.7%)
Group1 < 30 years	1 (. 1-	100%(15.8%-100%)	100% (2.5%-100%)	100%(15.8%-100%)	100%(2.5%-100%)
Group2 30-39 years	.667(. -1-)	33.3% (.84%-90.6%)	100% (2.5%-100%)	100% (2.5%-100%)	33.3%(.84%-90.6%)
Group3 40-49 years	.785(.555-1)	76.9%(46.2%-95%)	80% (28.4%-99.5%)	90.9%(58.7%-99.8%)	57.1% (18.4%-90.1%)
Group4 50-59 years	.757(.622-.892)	71.4%(51.3%-86.8%)	80% (51.9%-95.7%)	87% (66.4%-97.2%)	60% (36.1%-80.9%)
Group4 >60 years	.681(.545-.817)	69.6% (47.1%-86.8%)	66.7% (44.7%-84.4%)	66.7%(44.7%-84.4%)	69.6%(47.1%-86.8%)

Cut off	1.1				
Whole cohort	.739(.658-.82)	69.6%(57.3%-80.1%)	78.3% (63.6%-89.1%)	82.8%(70.6% -91.4%)	63.2% (49.3%-75.6%)
Group1 < 30 years	1 (. -1-)	100% (15.8%-100%)	100% (2.5%-100%)	100% (15.8%-100%)	100%(2.5%-100%)
Group2 30-39 years	.667(. -1)	33.3%(.84%-90.6%)	100% (2.5%-100%)	100%(2.5%-100%)	33.3%(.84%-90.6%)
Group3 40-49 years	.746 (.511-.982)	69.2% (38.6%-90.9%)	80% (28.4%-99.5%)	90% (55.5%-99.7%)	50% (15.7%-84.3%)
Group4 50-59 years	.757 (.622-.892)	71.4% (51.3% -86.8%)	80% (51.9%-95.7%)	87%(66.4%-97.2%)	60% (36.1%-80.9%)
Group4 >60 years	.723(.592-.853)	69.6% (47.1%-86.8%)	75%(53.3%-90.2%)	72.7% (49.8%-89.3%)	72%(50.6%-87.9%)
Cut off	1.2				
Whole cohort	.736(.658-.813)	62.3% (49.8%-73.7%)	84.8% (71.1%-93.7%)	86% (73.3%-94.2%)	60% (47.1%-72%)
Group1 < 30 years	.75(. -1)	50% (1.26%-98.7%)	100%(2.5%-100%)	100% (2.5%-100%)	50% (1.26% -98.7%)
Group2 30-39 years	.667(. -1)	33.3%(.84%-90.6%)	100% (2.5%-100%)	100% (2.5%-100%)	33.3% (.84%-90.6%)
Group3 40-49 years	.808(.67-.945)	61.5% (31.6%-86.1%)	100%(47.8% -100%	100% (63.1%-100%)	50% (18.7%-81.3%)
Group4 50-59 years	.755 (.628-.882)	64.3% (44.1%-81.4%)	86.7% (59.5%-98.3%)	90% (68.3%-98.8%)	56.5% (34.5%-76.8%)
Group4 >60 years	.722(.592-.851)	65.2% (42.7%-83.6%)	79.2% (57.8%-92.9%)	75% (50.9%-91.3%)	70.4%(49.8%-86.2%)
Cut off	1.3				
Whole cohort	.721(.646-.796)	55.1% (42.6%-67.1%)	89.1% (76.4%-96.4%)	88.4% (74.9%-96.1%)	56.9%(44.7%-68.6%)
Group1 < 30 years					
Group2 30-39 years	.667(. -1)	33.3%(.84%-90.6%)	100%(2.5%-100%)	100% (2.5%-100%)	33.3% (.84%-90.6%)
Group3 40-49 years	.808(.67-.945)	61.5% (31.6%-86.1%)	100%(47.8%-100%)	100%(63.1%-100%)	50% (18.7%-81.3%)
Group4 50-59 years	.735(.62-.849)	53.6% (33.9%-72.5%)	93.3% (68.1%-99.8%)	93.8%(69.8%-99.8%)	51.9%(31.9%-71.3%)
Group 2+3+4					
Group4 >60 years	.721(.594-.848)	60.9% (38.5%-80.3%)	83.3%(62.6%-95.3%)	77.8%(52.4%-93.6%)	69%(49.2%-84.7%)
Cut off	1.4				
Whole cohort	.732(.66-.804)	55.1% (42.6%-67.1%)	91.3% (79.2%-97.6%)	90.5% (77.4%-97.3%)	57.5%(45.4%-69%)

Group1 < 30 years					
Group2 30-39 years	.667(.- 1)	33.3% (.84% - 90.6%)	100%(2.5% - 100%)	100%(2.5%- 100%)	33.3% (.84%- 90.6%)
Group3 40-49 years	.808 (.67 - .945)	61.5% (31.6%- 86.1%)	100%(47.8%- 100%)	100%(63.1%- 100%)	50% (18.7%- 81.3%)
Group4 50-59 years	.735(.62- .849)	53.6% (33.9%- 72.5%)	93.3%(68.1%- 99.8%)	93.8% (69.8% - 99.8%)	51.9% (31.9%- 71.3%)
Group4 >60 years	.742(.62- .864)	60.9% (38.5%- 80.3%)	87.5%(67.6%- 97.3%)	82.4% (56.6%- 96.2%)	70% (50.6%- 85.3%)
Cut off	1.5				
Whole cohort	.721(.652- .791)	50.7% (38.4%- 63%)	93.5% (82.1%- 98.6%)	92.1%(78.6%- 98.3%)	55.8%(44.1%- 67.2%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.769(.628- .91)	53.8%(25.1%- 80.8%)	100%(47.8%- 100%)	100%(59%- 100%)	45.5% (16.7%- 76.6%)
Group4 50-59 years	.735 (.62- .849)	53.6% (33.9%- 72.5%)	93.3%(68.1%- 99.8%)	93.8%(69.8%- 99.8%)	51.9% (31.9%- 71.3%)
Group4 >60 years	.741(.623- .859)	56.5% (34.5%- 76.8%)	91.7% (73%- 99%)	86.7% (59.5%- 98.3%)	68.8% (50% - 83.9%)
Cut off	1.6				
Whole cohort	.692(.623- .761)	44.9%(32.9%- 57.4%)	93.5% (82.1%- 98.6%)	91.2% (76.3%- 98.1%)	53.1% (41.7%- 64.3%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.769(.628- .91)	53.8%(25.1%- 80.8%)	100%(47.8%- 100%)	100%(59% - 100%)	45.5% (16.7%- 76.6%)
Group4 50-59 years	.699(.584- .813)	46.4% (27.5%- 66.1%)	93.3% 68.1% 99.8%	92.9%(66.1%- 99.8%)	48.3%(29.4%- 67.5%)
Group4 >60 years	.697 (.579- .816)	47.8% (26.8%- 69.4%)	91.7%(73%- 99%)	84.6%(54.6%- 98.1%)	64.7%(46.5%- 80.3%)
Cut off	1.7				
Whole cohort	.678(.609- .746)	42% (30.2%- 54.5%)	93.5% (82.1%- 98.6%)	90.6%(75%- 98%)	51.8%(40.6%- 62.9%)
Group1 < 30 years					
Group2 30-39 years					

Group3 40-49 years	.731(.59-.872)	46.2% (19.2%-74.9%)	100%(47.8%-100%)	100%(54.1%-100%)	41.7% (15.2%-72.3%)
Group4 50-59 years	.699(.584-.813)	46.4% (27.5%-66.1%)	93.3%(68.1%-99.8%)	92.9% (66.1%-99.8%)	48.3%(29.4%-67.5%)
Group4 >60 years	.676 (.558-.794)	43.5% (23.2%-65.5%)	91.7%(73%-99%)	83.3%(51.6%-97.9%)	62.9%(44.9%-78.5%)
Cut off	1.8				
Whole cohort	.667(.602-.732)	37.7%(26.3%-50.2%)	95.7%(85.2%-99.5%)	92.9% (76.5%-99.1%)	50.6%(39.6%-61.5%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.692(.555-.83)	38.5%(13.9%-68.4%)	100%(47.8%-100%)	100% (47.8%-100%)	38.5% (13.9%-68.4%)
Group4 50-59 years	.681(.567-.795)	42.9% (24.5%-62.8%)	93.3%(68.1%-99.8%)	92.3% (64% -99.8%)	46.7%(28.3%-65.7%)
Group4 >60 years	.675 (.565-.785)	39.1% (19.7%-61.5%)	95.8% (78.9%-99.9%)	90% (55.5%-99.7%)	62.2%(44.8%-77.5%)
Cut off	1.9				
Whole cohort	.667(.602-.732)	37.7% (26.3%-50.2%)	95.7%(85.2%-99.5%)	92.9% (76.5%-99.1%)	92.9% (76.5%-99.1%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.692 (.555-.83)	38.5% (13.9%-68.4%)	100%(47.8%-100%)	100% (47.8%-100%)	38.5% (13.9%-68.4%)
Group4 50-59 years	.681(.567-.795)	42.9%(24.5%-62.8%)	93.3%(68.1%-99.8%)	92.3%(64%-99.8%)	46.7% (28.3%-65.7%)
Group4 >60 years	.675(.565-.785)	39.1% (19.7%-61.5%)	95.8% (78.9%-99.9%)	90% (55.5%-99.7%)	62.2%(44.8%-77.5%)
Cut off	2.0				
Whole cohort	.652 (.588-.716)	34.8%(23.7%-47.2%)	95.7%(85.2%-99.5%)	92.3% (74.9%-99.1%)	49.4% (38.7%-60.2%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.692(.555-.83)	38.5% (13.9%-68.4%)	100% (47.8%-100%)	100%(47.8%-100%)	38.5%(13.9%-68.4%)
Group4 50-59 years					
Group4 >60 years					

*****Ringdiff*****

Diagnostic accuracy of ringdiff, All cutoff values, (participants with DM).

Age group	ROC	Sensitivity	Specificity	PPV	NPV
Cut off	0.5				
Whole cohort	.675(.581-.769)	74.5% (61%-85.3%)	60.5%(44.4%-75%)	70.7% (57.3%-81.9%)	65% (48.3%-79.4%)
Group1 < 30 years	.75(. -1)	50% (1.26%-98.7%)	100% (2.5%-100%)	100% (2.5%-100%)	50% (1.26%-98.7%)
Group2 30-39 years	.667(. -1)	33.3% (.84%-90.6%)	100%(2.5%-100%)	100% (2.5%-100%)	33.3% (.84%-90.6%)
Group3 40-49 years	.875(.715-1)	75% (34.9%-96.8%)	100% (29.2%-100%)	100%(54.1%-100%)	60% (14.7%-94.7%)
Group4 50-59 years	.685(.538-.832)	80.8%(60.6%-93.4%)	56.3%(29.9%-80.2%)	75%(55.1%-89.3%)	64.3% (35.1%-87.2%)
Group4 >60 years	.648 (.495-.801)	75% (47.6%-92.7%)	54.5% (32.2%-75.6%)	54.5% (32.2%-75.6%)	75%(47.6%-92.7%)
Cut off	0.6				
Whole cohort	.668 (.574-.763)	70.9%(57.1%-82.4%)	62.8% (46.7%-77%)	70.9% (57.1%-82.4%)	62.8%(46.7%-77%)
Group1 < 30 years	.75(. -1)	50%(1.26%-98.7%)	100% (2.5%-100%)	100%(2.5%-100%)	50% (1.26%-98.7%)
Group2 30-39 years	.667(. -1)	33.3% (.84%-90.6%)	100% (2.5% -100%)	100%(2.5%-100%)	33.3%(.84%-90.6%)
Group3 40-49 years	.875(.715-1)	75% (34.9%-96.8%)	100% (29.2%-100%)	100% (54.1%-100%)	60% (14.7%-94.7%)
Group4 50-59 years	.647(.494-.799)	73.1% (52.2%-88.4%)	56.3% (29.9%-80.2%)	73.1%(52.2%-88.4%)	56.3%(29.9%-80.2%)
Group4 >60 years	.67 (.519-.822)	75%(47.6%-92.7%)	59.1%(36.4%-79.3%)	57.1%(34%-78.2%)	76.5% (50.1%-93.2%)
Cut off	0.7				
Whole cohort	.644(.547-.74)	63.6%(49.6%-76.2%)	65.1% (49.1%-79%)	70%(55.4%-82.1%)	58.3%(43.2%-72.4%)
Group1 < 30 years	.75(. -1)	50%(1.26%-98.7%)	100%(2.5%-100%)	100% (2.5%-100%)	50%(1.26%-98.7%)
Group2 30-39 years					
Group3 40-49 years	.75(.565-.935)	50% (15.7%-84.3%)	100% (29.2%-100%)	100%(39.8%-100%)	42.9%(9.9%-81.6%)
Group4 50-59 years	.627(.473-.782)	69.2% (48.2%-85.7%)	56.3% (29.9%-80.2%)	72%(50.6%-87.9%)	52.9% (27.8%-77%)

Group4 >60 years	.693 (.543 - .843)	75% (47.6%-92.7%)	63.6%(40.7%-82.8%)	60% (36.1% - 80.9%)	77.8% (52.4%-93.6%)
Cut off	0.8				
Whole cohort	.637(.541-.734)	60%(45.9%- 73%)	67.4% (51.5%-80.9%)	70.2% (55.1%-82.7%)	56.9%(42.2%-70.7%)
Group1 < 30 years	.75(.- 1)	50% (1.26%-98.7%)	100%(2.5%-100%)	100%(2.5%-100%)	50% (1.26%-98.7%)
Group2 30-39 years					
Group3 40-49 years	.688(.508-.867)	37.5%(8.52%-75.5%)	100% (29.2%-100%)	100%(29.2%-100%)	37.5%(8.52%-75.5%)
Group4 50-59 years	.639 (.485-.793)	65.4% (44.3%-82.8%)	62.5%(35.4%-84.8%)	73.9% (51.6%-89.8%)	52.6%(28.9%-75.6%)
Group4 >60 years	.693(.543-.843)	75%(47.6%-92.7%)	63.6% (40.7%-82.8%)	60% (36.1%-80.9%)	77.8% (52.4%-93.6%)
Cut off	0.9				
Whole cohort	.642(.548-.737)	56.4% (42.3%-69.7%)	72.1% (56.3%-84.7%)	72.1% (56.3%-84.7%)	56.4%(42.3%-69.7%)
Group1 < 30 years	.75(.- 1)	50% (1.26%-98.7%)	100% (2.5%-100%)	100% (2.5%-100%)	50%(1.26%-98.7%)
Group2 30-39 years					
Group3 40-49 years	.688(.508-.867)	37.5%(8.52%-75.5%)	100% (29.2%-100%)	100%(29.2%-100%)	37.5%(8.52%-75.5%)
Group4 50-59 years	.651(.5-.803)	61.5%(40.6%-79.8%)	68.8% (41.3%-89%)	76.2% (52.8%-91.8%)	52.4% (29.8%-74.3%)
Group4 >60 years	.685 (.531-.839)	68.8% (41.3%-89%)	68.2%(45.1%-86.1%)	61.1%(35.7%-82.7%)	75%(50.9%-91.3%)
Cut off	1.0				
Whole cohort	.645 (.551-.738)	54.5% (40.6%-68%)	74.4% (58.8%-86.5%)	73.2%(57.1%-85.8%)	56.1% (42.4%-69.3%)
Group1 < 30 years	.75(.- 1)	50% (1.26%-98.7%)	100%(2.5%-100%)	100%(2.5%-100%)	50%(1.26%-98.7%)
Group2 30-39 years					
Group3 40-49 years	.688(.508-.867)	37.5% (8.52%-75.5%)	100%(29.2%-100%)	100%(29.2%-100%)	37.5% (8.52%-75.5%)
Group4 50-59 years	.663(.517-.81)	57.7%(36.9%-76.6%)	75% (47.6%-92.7%)	78.9% (54.4%-93.9%)	52.2%(30.6%-73.2%)
Group4 >60 years	.685(.531-.839)	68.8%(41.3%-89%)	68.2% (45.1%-86.1%)	61.1% (35.7%-82.7%)	75% (50.9%-91.3%)
Cut off	1.1				

Whole cohort	.641 (.55-.732)	49.1% (35.4%-62.9%)	79.1%(64%-90%)	75% (57.8%-87.9%)	54.8% (41.7%-67.5%)
Group1 < 30 years	.75(.- 1)	50% (1.26%-98.7%)	100%(2.5%-100%)	100%(2.5%-100%)	50% (1.26%-98.7%)
Group2 30-39 years					
Group3 40-49 years	.688 (.508-.867)	37.5%(8.52%-75.5%)	100% (29.2%-100%)	100%(29.2%-100%)	37.5%(8.52%-75.5%)
Group4 50-59 years	.675 (.537-.814)	53.8%(33.4%-73.4%)	81.3%(54.4%-96%)	82.4% (56.6%-96.2%)	52% (31.3%-72.2%)
Group4 >60 years	.645 (.487-.802)	56.3%(29.9%-80.2%)	72.7% (49.8%-89.3%)	60% (32.3%-83.7%)	69.6%(47.1%-86.8%)
Cut off	1.2				
Whole cohort	.667(.582-.751)	47.3%(33.7%-61.2%)	86% (72.1%-94.7%)	81.3%(63.6%-92.8%)	56.1%(43.3%-68.3%)
Group1 < 30 years	.75(.- 1)	50%(1.26%-98.7%)	100% (2.5%-100%)	100% (2.5%-100%)	50%(1.26%-98.7%)
Group2 30-39 years					
Group3 40-49 years	.688 (.508-.867)	37.5%(8.52%-75.5%)	100% (29.2%-100%)	100% (29.2%-100%)	37.5%(8.52%-75.5%)
Group4 50-59 years	.675 (.537-.814)	53.8%(33.4%-73.4%)	81.3%(54.4%-96%)	82.4% (56.6%-96.2%)	52% (31.3%-72.2%)
Group4 >60 years	.682(.536-.828)	50%(24.7%-75.3%)	86.4%(65.1%-97.1%)	72.7% (39%-94%)	70.4%(49.8%-86.2%)
Cut off	1.3				
Whole cohort	.669(.587-.751)	45.5%(32%-59.4%)	88.4% (74.9%-96.1%)	83.3%(65.3%-94.4%)	55.9% (43.3%-67.9%)
Group1 < 30 years	.75(.- 1)	50% (1.26%-98.7%)	100%(2.5%-100%)	100(2.5%-100%)	50%(1.26%-98.7%)
Group2 30-39 years					
Group3 40-49 years	.688(.508-.867)	37.5%(8.52%-75.5%)	100% (29.2%-100%)	100% (29.2%-100%)	37.5% (8.52%-75.5%)
Group4 50-59 years	.675(.537-.814)	53.8% (33.4%-73.4%)	81.3%(54.4%-96%)	82.4% (56.6%-96.2%)	52% (31.3%-72.2%)
Group4 >60 years	.673 (.534-.813)	43.8% (19.8%-70.1%)	90.9% (70.8%-98.9%)	77.8% (40%-97.2%)	69%(49.2%-84.7%)
Cut off	1.4				
Whole cohort	.642(.561-.723)	40% (27% -54.1%)	88.4%(74.9%-96.1%)	81.5%(61.9%-93.7%)	53.5%(41.3%-65.5%)
Group1 < 30 years	.75(.- 1)	50%(1.26%-98.7%)	100% (2.5%-100%)	100%(2.5%-100%)	50%(1.26%-98.7%)

Group2 30-39 years					
Group3 40-49 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100%(29.2%-100%)	100%(29.2%-100%)	37.5% (8.52%-75.5%)
Group4 50-59 years	.637 (.498-.776)	46.2% (26.6%-66.6%)	81.3% (54.4%-96%)	80% (51.9%-95.7%)	48.1%(28.7%-68.1%)
Group4 >60 years	.642(.505-.779)	37.5%(15.2%-64.6%)	90.9% (70.8%-98.9%)	75% (34.9%-96.8%)	66.7%(47.2%-82.7%)
Cut off	1.5				
Whole cohort	.629 (.555-.702)	32.7%(20.7%-46.7%)	93% (80.9%-98.5%)	85.7% (63.7%-97%)	51.9% (40.3%-63.5%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.688(.508-.867)	37.5% (8.52%-75.5%)	100%(29.2%-100%)	100% (29.2%-100%)	37.5%(8.52%-75.5%)
Group4 50-59 years	.649(.521-.777)	42.3% (23.4%-63.1%)	87.5%(61.7%-98.4%)	84.6%(54.6%-98.1%)	48.3% (29.4%-67.5%)
Group4 >60 years	.602(.484-.721)	25% (7.27%-52.4%)	95.5% (77.2%-99.9%)	80% (28.4%-99.5%)	63.6% (45.1%-79.6%)
Cut off	1.6				
Whole cohort	.629 (.555-.702)	32.7%(20.7%-46.7%)	93% (80.9%-98.5%)	85.7%(63.7%-97%)	51.9%(40.3%-63.5%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.688(.508-.867)	37.5% (8.52%-75.5%)	100% (29.2%-100%)	100% (29.2%-100%)	37.5%(8.52%-75.5%)
Group4 50-59 years	.649(.521-.777)	42.3%(23.4%-63.1%)	87.5% (61.7%-98.4%)	84.6%(54.6%-98.1%)	48.3%(29.4%-67.5%)
Group4 >60 years	.602 (.484-.721)	25% (7.27%-52.4%)	95.5%(77.2% -99.9%)	80%(28.4%-99.5%)	63.6% (45.1%-79.6%)
Cut off	1.7				
Whole cohort	.631 (.562-.701)	30.9% (19.1%-44.8%)	95.3%(84.2%-99.4%)	89.5% (66.9%-98.7%)	51.9%(40.4%-63.3%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100% (29.2%-100%)	100% (29.2%-100%)	37.5%(8.52%-75.5%)
Group4 50-59 years	.68 (.566-.795)	42.3% (23.4%-63.1%)	93.8%(69.8%-99.8%)	91.7%(61.5%-99.8%)	50%(31.3%-68.7%)
Group4 >60 years					

*****CSI*****

Diagnostic accuracy of combined sensory index, All cutoff values, (participants with DM).

Age group	ROC	Sensitivity	Specificity	PPV	NPV
Cut off	1.0				
Whole cohort	.663(.585-.74)	95.4% (87.1%-99%)	37.2%(23%-53.3%)	69.7% (59%-79%)	84.2% (60.4%-96.6%)
Group1 < 30 years	1(. - 1)	100% (15.8%-100%)	100%(2.5%-100%)	100% (15.8%-100%)	100% (2.5%-100%)
Group2 30-39 years	.833(. - 1)	66.7% (9.43%-99.2%)	100% (2.5%-100%)	100%(15.8%-100%)	50% (1.26%-98.7%)
Group3 40-49 years	.583(.325-.842)	91.7% (61.5%-99.8%)	25% (.631%-80.6%)	78.6% (49.2%-95.3%)	50% (1.26%-98.7%)
Group4 50-59 years	.635 (.499-.771)	96.2%(80.4%-99.9%)	30.8%(9.09%-61.4%)	73.5% (55.6%-87.1%)	80% (28.4%-99.5%)
Group4 >60 years	.688 (.589-.786)	100%(84.6%-100%)	37.5%(18.8%-59.4%)	59.5% (42.1%-75.2%)	100% (66.4%-100%)
Cut off	1.1				
Whole cohort	.69(.61 .- 771)	93.8% (85%-98.3%)	44.2%(29.1%-60.1%)	71.8%(61%-81%)	82.6%(61.2%-95%)
Group1 < 30 years	1(. - 1)	100% (15.8%-100%)	100% (2.5%-100%)	100% (15.8%-100%)	100%(2.5%-100%)
Group2 30-39 years	.833(. - 1)	66.7% (9.43%-99.2%)	100% (2.5%-100%)	100% (15.8%-100%)	50% (1.26%-98.7%)
Group3 40-49 years	.708 (.414-1)	91.7%(61.5%-99.8%)	50%(6.76%-93.2%)	84.6%(54.6%-98.1%)	66.7% (9.43%-99.2%)
Group4 50-59 years	.654(.507-.801)	92.3% (74.9%-99.1%)	38.5% (13.9%-68.4%)	75%(56.6%-88.5%)	71.4% (29%-96.3%)
Group4 >60 years	.708 (.608-.809)	100% (84.6%-100%)	41.7% (22.1%-63.4%)	61.1%(43.5%-76.9%)	100%(69.2%-100%)
Cut off	1.2				
Whole cohort	.717(.635-.8)	92.3%(83%-97.5%)	51.2%(35.5%-66.7%)	74.1% (63.1%-83.2%)	81.5%(61.9%-93.7%)
Group1 < 30 years	1(. - 1)	100% (15.8%-100)	100%(2.5%-100%)	100%(15.8%-100%)	100%(2.5%-100%)
Group2 30-39 years	.833 (.- 1)	66.7% (9.43%-99.2%)	100% (2.5%-100%)	100% (15.8%-100%)	50%(1.26%-98.7%)
Group3 40-49 years	.833(.575-1)	91.7%(61.5%-99.8%)	75% (19.4%-99.4%)	91.7%(61.5%-99.8%)	75% (19.4%-99.4%)

Group4 50-59 years	.692(.542-.843)	92.3%(74.9%-99.1%)	46.2% (19.2%-74.9%)	77.4% (58.9%-90.4%)	75% (34.9%-96.8%)
Group4 >60 years	.706(.595-.818)	95.5%(77.2%-99.9%)	45.8% (25.6%-67.2%)	61.8%(43.6%-77.8%)	91.7% (61.5%-99.8%)
Cut off	1.3				
Whole cohort	.741 (.659-.822)	92.3% (83%-97.5%)	55.8%(39.9%-70.9%)	75.9%(65%-84.9%)	82.8% (64.2%-94.2%)
Group1 < 30 years	1(. - 1)	100% (15.8%-100%)	100% (2.5%-100%)	100% (15.8%-100%)	100% (2.5%-100%)
Group2 30-39 years	.833(. - 1)	66.7%(9.43%-99.2%)	100% (2.5%-100%)	100% (15.8%-100%)	50% (1.26%-98.7%)
Group3 40-49 years	.958(.877-1)	91.7%(61.5%-99.8%)	100% (39.8%-100%)	100% (71.5%-100%)	80% (28.4%-99.5%)
Group4 50-59 years	.692(.542-.843)	92.3%(74.9%-99.1%)	46.2% (19.2%-74.9%)	77.4%(58.9%-90.4%)	75% 34.9% 96.8%
Group4 >60 years	.727 (.616-.839)	95.5% (77.2%-99.9%)	50% (29.1%-70.9%)	63.6% (45.1%-79.6%)	92.3%(64%-99.8%)
Cut off	1.4				
Whole cohort	.737(.653-.821)	89.2% (79.1%-95.6%)	58.1% (42.1%-73%)	76.3% (65.2%-85.3%)	78.1%(60%-90.7%)
Group1 < 30 years	1(. - 1)	100% (15.8%-100%)	100%(2.5%-100%)	100%(15.8%-100%)	100% (2.5%-100%)
Group2 30-39 years	.833(. - 1)	66.7%(9.43%-99.2%)	100%(2.5%-100%)	100% (15.8%-100%)	50% (1.26%-98.7%)
Group3 40-49 years	.958(.877-1)	91.7% (61.5%-99.8%)	100% (39.8%-100%)	100% (71.5%-100%)	80% (28.4%-99.5%)
Group4 50-59 years	.712 (.557-.866)	88.5% (69.8%-97.6%)	53.8% (25.1%-80.8%)	79.3% (60.3%-92%)	70% (34.8%-93.3%)
Group4 >60 years	.705 (.585-.824)	90.9% (70.8%-98.9%)	50% (29.1%-70.9%)	62.5% (43.7%-78.9%)	85.7%(57.2%-98.2%)
Cut off	1.5				
Whole cohort	.737 (.653-.821)	89.2% (79.1%-95.6%)	58.1% (42.1%-73%)	76.3% (65.2%-85.3%)	78.1% (60%-90.7%)
Group1 < 30 years	1(. - 1)	100% (15.8%-100%)	100%(2.5%-100%)	100% (15.8%-100%)	100% (2.5%-100%)
Group2 30-39 years	.833(. - 1)	66.7% (9.43%-99.2%)	100% (2.5%-100%)	100% (15.8%-100%)	50% (1.26%-98.7%)
Group3 40-49 years	.958 (.877-1)	91.7% (61.5%-99.8%)	100% (39.8%-100%)	100% (71.5%-100%)	80% (28.4%-99.5%)
Group4 50-59 years	.712 (.557-.866)	88.5% (69.8%-97.6%)	53.8%(25.1%-80.8%)	79.3%(60.3%-92%)	70% (34.8%-93.3%)
Group4 >60 years	.705 (.585-.824)	90.9% (70.8%-98.9%)	50% (29.1%-70.9%)	62.5% (43.7%-78.9%)	85.7%(57.2%-98.2%)

Cut off	1.6				
Whole cohort	.714 (.627-.8)	84.6% (73.5%-92.4%)	58.1% (42.1%-73%)	75.3% (63.9%-84.7%)	71.4% (53.7%-85.4%)
Group1 < 30 years	.75 (. -1)	50% (1.26%-98.7%)	100% (2.5%-100%)	100% (2.5%-100%)	50%(1.26%-98.7%)
Group2 30-39 years	.833(. -1)	66.7%(9.43%-99.2%)	100% (2.5%-100%)	100% (15.8%-100%)	50% (1.26%-98.7%)
Group3 40-49 years	.917 (.807-1)	83.3%(51.6%-97.9%)	100% (39.8%-100%)	100% (69.2%-100%)	66.7% (22.3%-95.7%)
Group4 50-59 years	.712 (.557-.866)	88.5% (69.8%-97.6%)	53.8% (25.1%-80.8%)	79.3% (60.3%-92%)	70%(34.8%-93.3%)
Group4 >60 years	.682 (.556-.808)	86.4% (65.1% -97.1%)	50% (29.1%-70.9%)	61.3%(42.2%-78.2%)	80% (51.9%-95.7%)
Cut off	1.7				
Whole cohort	.741(.656-.826)	83.1% (71.7%-91.2%)	65.1% (49.1%-79%)	78.3%(66.7%-87.3%)	71.8% (55.1%-85%)
Group1 < 30 years	.75(. -1)	50% (1.26%-98.7%)	100% (2.5%-100%)	100% (2.5% -100%)	50%(1.26%-98.7%)
Group2 30-39 years	.833(. -1)	66.7% (9.43%-99.2%)	100% (2.5%-100%)	100%(15.8%-100%)	50% (1.26%-98.7%)
Group3 40-49 years	.917 (.807-1)	83.3% (51.6%-97.9%)	100% (39.8%-100%)	100%(69.2%-100%)	66.7% (22.3%-95.7%)
Group4 50-59 years	.692(.535-.85)	84.6% (65.1%-95.6%)	53.8% (25.1%-80.8%)	78.6% (59%-91.7%)	63.6% (30.8%-89.1%)
Group4 >60 years	.744(.621-.867)	86.4% (65.1%-97.1%)	62.5% (40.6%-81.2%)	67.9% (47.6%-84.1%)	83.3(58.6%-96.4%)
Cut off	2.0				
Whole cohort	.737(.651-.823)	80%(68.2%-88.9%)	67.4% (51.5%-80.9%)	78.8%(67%-87.9%)	69% (52.9%-82.4%)
Group1 < 30 years	.75(. -1)	50% (1.26%-98.7%)	100%(2.5%-100%)	100% (2.5%-100%)	50%(1.26%-98.7%)
Group2 30-39 years	.667(. -1)	33.3%(.84%-90.6%)	100%(2.5%-100%)	100%(2.5%-100%)	33.3%(.84%-90.6%)
Group3 40-49 years	.917(.807-1)	83.3% (51.6%-97.9%)	100% (39.8%-100%)	100%(69.2%-100%)	66.7% (22.3%-95.7%)
Group4 50-59 years	.731(.576-.886)	84.6%(65.1%-95.6%)	61.5% (31.6%-86.1%)	81.5%(61.9%-93.7%)	66.7% (34.9%-90.1%)
Group4 >60 years	.722 (.593-.85)	81.8% (59.7%-94.8%)	62.5%(40.6%-81.2%)	66.7% (46%-83.5%)	78.9% (54.4%-93.9%)
Cut off	2.5				
Whole cohort	.711 (.623-.798)	67.7% (54.9%-78.8%)	74.4% (58.8%-86.5%)	80% (67%-89.6%)	60.4% (46%-73.5%)
Group1 < 30 years	.75(. -1)	50%(1.26% -98.7%)	100%(2.5%-100%)	100% (2.5%-100%)	50% (1.26%-98.7%)

Group2 30-39 years					
Group3 40-49 years	.833(.694-.973)	66.7% (34.9%-90.1%)	100% (39.8%-100%)	100%(63.1%-100%)	50% (15.7%-84.3%)
Group4 50-59 years	.731 (.576-.885)	76.9% (56.4%-91%)	69.2% (38.6%-90.9%)	83.3% (62.6%-95.3%)	60% (32.3%-83.7%)
Group4 >60 years	.695 (.559-.831)	68.2% (45.1%-86.1%)	70.8%(48.9%-87.4%)	68.2% (45.1%-86.1%)	70.8% (48.9%-87.4%)
Cut off	3.0				
Whole cohort	.719(.637-.801)	60% (47.1%- 72%)	83.7% (69.3%-93.2%)	84.8% (71.1%-93.7%)	58.1%(44.8%-70.5%)
Group1 < 30 years	.75(. -1)	50% (1.26%-98.7%)	100%(2.5%-100%)	100%(2.5%-100%)	50% (1.26%-98.7%)
Group2 30-39 years					
Group3 40-49 years	.792 (.646-.937)	58.3%(27.7%-84.8%)	100%(39.8%-100%)	100% (59%-100%)	44.4% (13.7%-78.8%)
Group4 50-59 years	.788(.669-.908)	65.4% (44.3%-82.8%)	92.3%(64%-99.8%)	94.4% (72.7%-99.9%)	57.1%(34%-78.2%)
Group4 >60 years	.693 (.557-.829)	63.6%(40.7%-82.8%)	75% (53.3%-90.2%)	70% (45.7%-88.1%)	69.2%(48.2%-85.7%)

Cut off	3.5				
Whole cohort	.707(.632 - .783)	50.8% (38.1%-63.4%)	90.7%(77.9%-97.4%)	89.2% (74.6%-97%)	54.9%(42.7%-66.8%)
Group1 < 30 years					
Group2 30-39 years					
Group3 40-49 years					
Group4 50-59 years					
Group4 >60 years	.71 (.584-.836)	54.5% (32.2%-75.6%)	87.5% (67.6%-97.3%)	80%(51.9%-95.7%)	67.7% (48.6%-83.3%)