

**Table S8 Diagnostic accuracy of median latency at Digit II, All cutoff values, (male participants)**

Age group	ROC	Sensitivity	Specificity	PPV	NPV
Cut off	3.5 (ms)				
Whole cohort	.737( .672-.802)	77.9% (66.2%-87.1%)	69.5%( 60.3%-77.6%)	59.6%( 48.6%-69.8%)	84.5% (75.8%-91.1%)
Group1 < 30 years	.489 .207 .77	25%( .631%-80.6%)	72.7%( 39%-94%)	25% (.631%-80.6%)	72.7%( 39%-94%)
Group2 30-39 years	.89 (.741- 1)	85.7%( 42.1%-99.6%)	92.3% (74.9%-99.1%)	75% (34.9%-96.8%)	96% (79.6%-99.9%)
Group3 40-49 years	.757 (.601-.913)	80% (44.4%-97.5%)	71.4%( 51.3%-86.8%)	50% (24.7%-75.3%)	90.9%( 70.8%-98.9%)
Group4 50-59 years	.688( .562-.814)	71% (52%-85.8%)	66.7%( 44.7%-84.4%)	73.3%( 54.1%-87.7%)	64% (42.5%-82%)
Group4 >60 years	.741( .649-.834)	100% (79.4%-100%)	48.3% (29.4%-67.5%)	51.6%( 33.1%-69.8%)	100%( 76.8%-100%)
Cut off	3.6 (ms)				
Whole cohort	.72 (.652-.788)	67.6% (55.2%-78.5%)	76.3%( 67.6%-83.6%)	62.2% (50.1%-73.2%)	80.4%( 71.8%-87.3%)
Group1 < 30 years	.534 (.261-.807)	25% (.631%-80.6%)	81.8%( 48.2%-97.7%)	33.3%( .84%-90.6%)	75% (42.8%-94.5%)
Group2 30-39 years	.909 (.764 - 1)	85.7%( 42.1%-99.6%)	96.2%( 80.4%-99.9%)	85.7%( 42.1%-99.6%)	96.2% (80.4%-99.9%)
Group3 40-49 years	.675 (.495-.855)	60%( 26.2%-87.8%)	75% (55.1%-89.3%)	46.2% (19.2%-74.9%)	84% (63.9%-95.5%)
Group4 50-59 years	.681 (.557-.806)	61.3%( 42.2%-78.2%)	75% (53.3%-90.2%)	76% (54.9%-90.6%)	60% (40.6%-77.3%)
Group4 >60 years	.731 (.607-.854)	87.5% (61.7%-98.4%)	58.6%( 38.9%-76.5%)	53.8% (33.4%-73.4%)	89.5%( 66.9%-98.7%)
Cut off	3.7 (ms)				
Whole cohort	.731 (.664-.798)	63.2%( 50.7%-74.6%)	83.1%( 75%-89.3%)	68.3%( 55.3%-79.4%)	79.7%( 71.5%-86.4%)
Group1 < 30 years	.534 (.261-.807)	25%( .631%-80.6%)	81.8%( 48.2%-97.7%)	33.3%( .84%-90.6%)	75% (42.8%-94.5%)
Group2 30-39 years	.929 (.789- 1)	85.7%( 42.1%-99.6%)	100%( 86.8%-100%)	100% (54.1%-100%)	96.3%( 81%-99.9%)
Group3 40-49 years	.593 (.415-.771)	40% (12.2%-73.8%)	78.6% (59%-91.7%)	40% (12.2%-73.8%)	78.6%( 59%-91.7%)
Group4 50-59 years	.723 (.607-.839)	61.3%( 42.2%-78.2%)	83.3%( 62.6%-95.3%)	82.6%( 61.2%-95%)	62.5%( 43.7%-78.9%)

Group4 >60 years	.768 (.639-.897)	81.3%( 54.4%-96%)	72.4% (52.8%-87.3%)	61.9% (38.4%-81.9%)	87.5% (67.6%-97.3%)
Cut off	3.8				
Whole cohort	.729( .663-.796)	60.3% (47.7%-72%)	85.6%( 77.9%-91.4%)	70.7%( 57.3%-81.9%)	78.9% (70.8%-85.6%)
Group1 < 30 years	.58 (.319-.84)	25% (.631%-80.6%)	90.9% (58.7%-99.8%)	50% (1.26%-98.7%)	76.9%( 46.2%-95%)
Group2 30-39 years	.857 (.676-1)	71.4% (29%-96.3%)	100% (86.8%-100%)	100% (47.8%-100%)	92.9%( 76.5%-99.1%)
Group3 40-49 years	.629( .455-.802)	40% (12.2%-73.8%)	85.7% (67.3%-96%)	50% (15.7%-84.3%)	80% (61.4%-92.3%)
Group4 50-59 years	.707 (.59-.824)	58.1%( 39.1%-75.5%)	83.3% (62.6%-95.3%)	81.8% (59.7%-94.8%)	60.6%( 42.1%-77.1%)
Group4 >60 years	.768( .639-.897)	81.3% (54.4%-96%)	72.4%( 52.8%-87.3%)	61.9% (38.4%-81.9%)	87.5% (67.6%-97.3%)
Cut off	3.9				
Whole cohort	.729 (.663-.796)	60.3% (47.7%-72%)	85.6%( 77.9%-91.4%)	70.7%( 57.3%-81.9%)	78.9%( 70.8%-85.6%)
Group1 < 30 years	.58 (.319-.84)	25% (.631%-80.6%)	90.9%( 58.7%-99.8%)	50% (1.26%-98.7%)	76.9%( 46.2%-95%)
Group2 30-39 years	.857 (.676-1)	71.4%( 29%-96.3%)	100% (86.8%-100%)	100%( 47.8%-100%)	92.9% (76.5%-99.1%)
Group3 40-49 years	.629 (.455-.802)	40% (12.2%-73.8%)	85.7%( 67.3%-96%)	50% (15.7%-84.3%)	80% (61.4%-92.3%)
Group4 50-59 years	.707 (.59-.824)	58.1%( 39.1%-75.5%)	83.3%( 62.6%-95.3%)	81.8%( 59.7%-94.8%)	60.6%( 42.1%-77.1%)
Group4 >60 years	.768 (.639-.897)	81.3% (54.4%-96%)	72.4%( 52.8%-87.3%)	61.9%( 38.4%-81.9%)	87.5% (67.6%-97.3%)
Cut off	4.0				
Whole cohort	.729 (.663-.794)	55.9%( 43.3%-67.9%)	89.8%( 82.9%-94.6%)	76% (61.8%-86.9%)	77.9%( 70%-84.6%)
Group1 < 30 years	.58 (.319-.84)	25%( .631%-80.6%)	90.9% (58.7%-99.8%)	50% (1.26%-98.7%)	76.9% (46.2%-95%)
Group2 30-39 years	.857( .676-1)	71.4% (29%-96.3%)	100% (86.8%-100%)	100%( 47.8%-100%)	92.9% (76.5%-99.1%)
Group3 40-49 years	.614 (.457-.772)	30% (6.67%-65.2%)	92.9%( 76.5%-99.1%)	60% (14.7%-94.7%)	78.8%( 61.1%-91%)
Group4 50-59 years	.728 (.617-.839)	58.1%( 39.1%-75.5%)	87.5% (67.6%-97.3%)	85.7%( 63.7%-97%)	61.8%( 43.6%-77.8%)
Group4 >60 years	.74 (.601-.88)	68.8%( 41.3%-89%)	79.3%( 60.3%-92%)	64.7%( 38.3%-85.8%)	82.1% (63.1%-93.9%)
Cut off	4.1				

Whole cohort	.712( .647-.776)	50% (37.6%-62.4%)	92.4%( 86%-96.5%)	79.1%( 64%-90%)	76.2%( 68.4%-82.9%)
Group1 < 30 years					
Group2 30-39 years	.786 (.588-.984)	57.1%( 18.4%-90.1%)	100% (86.8%-100%)	100% (39.8%-100%)	89.7%( 72.6%-97.8%)
Group3 40-49 years	.582 (.447-.717)	20% (2.52%-55.6%)	96.4%( 81.7%-99.9%)	66.7%( 9.43%-99.2%)	77.1% (59.9%-89.6%)
Group4 50-59 years	.712 (.6 - .823)	54.8% (36%-72.7%)	87.5%( 67.6%-97.3%)	85% (62.1%-96.8%)	60% (42.1%-76.1%)
Group4 >60 years	.758 (.621-.894)	68.8% (41.3%-89%)	82.8%( 64.2%-94.2%)	68.8%( 41.3%-89%)	82.8% (64.2%-94.2%)
Cut off	4.2				
Whole cohort	.701 (.637-.765)	47.1% (34.8%-59.6%)	93.2% (87.1%-97%)	80% (64.4%-90.9%)	75.3%( 67.5%-82.1%)
Group1 < 30 years					
Group2 30-39 years	.714 (.516-.912)	42.9%( 9.9%-81.6%)	100% (86.8%-100%)	100% (29.2%-100%)	86.7%( 69.3%-96.2%)
Group3 40-49 years	.582 (.447-.717)	20% (2.52%-55.6%)	96.4%( 81.7%-99.9%)	66.7%( 9.43%-99.2%)	77.1%( 59.9%-89.6%)
Group4 50-59 years	.712 (.6 - .823)	54.8% (36%-72.7%)	87.5%( 67.6%-97.3%)	85% (62.1%-96.8%)	60% (42.1%-76.1%)
Group4 >60 years	.744 (.605-.882)	62.5% (35.4%-84.8%)	86.2%( 68.3%-96.1%)	71.4%( 41.9%-91.6%)	80.6%( 62.5%-92.5%)
Cut off	4.3				
Whole cohort	.703 (.64-.765)	45.6% (33.5%-58.1%)	94.9% (89.3%-98.1%)	83.8%( 68%-93.8%)	75.2%( 67.4%-81.9%)
Group1 < 30 years					
Group2 30-39 years	.714 (.516-.912)	42.9%( 9.9%-81.6%)	100% (86.8%-100%)	100%( 29.2%-100%)	86.7%( 69.3%-96.2%)
Group3 40-49 years	.582 (.447-.717)	20% (2.52%-55.6%)	96.4% (81.7%-99.9%)	66.7%( 9.43%-99.2%)	77.1%( 59.9%-89.6%)
Group4 50-59 years	.716 (.611-.822)	51.6%( 33.1%-69.8%)	91.7%( 73%-99%)	88.9%( 65.3%-98.6%)	59.5% (42.1%-75.2%)
Group4 >60 years	.761 (.626-.896)	62.5% (35.4%-84.8%)	89.7%( 72.6%-97.8%)	76.9%( 46.2%-95%)	81.3%( 63.6%-92.8%)
Cut off	4.4				
Whole cohort	.707 (.644-.769)	45.6% (33.5%-58.1%)	95.8% (90.4%-98.6%)	86.1% (70.5%-95.3%)	75.3%( 67.6%-82%)
Group1 < 30 years					

Group2 30-39 years	.714 (.516-.912)	42.9% (9.9%-81.6%)	100%( 86.8%-100%)	100%(29.2%-100%)	86.7%( 69.3%-96.2%)
Group3 40-49 years	.582 (.447-.717)	20% (2.52%-55.6%)	96.4%( 81.7%-99.9%)	66.7% (9.43%-99.2%)	77.1%( 59.9%-89.6%)
Group4 50-59 years	.737 (.639-.836)	51.6%( 33.1%-69.8%)	95.8% (78.9%-99.9%)	94.1% (71.3%-99.9%)	60.5% (43.4%-76%)
Group4 >60 years	.761 (.626-.896)	62.5%( 35.4%-84.8%)	89.7%( 72.6%-97.8%)	76.9% (46.2%-95%)	81.3%( 63.6%-92.8%)
Cut off	4.5				
Whole cohort	.689( .628-.75)	41.2%( 29.4%-53.8%)	96.6% (91.5%-99.1%)	87.5%( 71%-96.5%)	74% (66.4%-80.8%)
Group1 < 30 years					
Group2 30-39 years	.714 (.516-.912)	42.9%( 9.9%-81.6%)	100%( 86.8%-100%)	100% (29.2%-100%)	86.7%( 69.3%-96.2%)
Group3 40-49 years	.582 (.447-.717)	20% (2.52%-55.6%)	96.4%( 81.7%-99.9%)	66.7% (9.43%-99.2%)	77.1%( 59.9%-89.6%)
Group4 50-59 years	.721 (.623-.819)	48.4%( 30.2%-66.9%)	95.8%( 78.9%-99.9%)	93.8%( 69.8%-99.8%)	59% (42.1%-74.4%)
Group4 >60 years	.716 (.581-.85)	50% (24.7%-75.3%)	93.1%( 77.2%-99.2%)	80% (44.4%-97.5%)	77.1%( 59.9%-89.6%)
Cut off	4.6				
Whole cohort	.674 (.614-.735)	38.2% (26.7%-50.8%)	96.6%( 91.5%-99.1%)	86.7% (69.3%-96.2%)	73.1%( 65.4%-79.9%)
Group1 < 30 years					
Group2 30-39 years	.643 (.462-.824)	28.6% (3.67%-71%)	100% (86.8%-100%)	100% (15.8%-100%)	83.9%( 66.3%-94.5%)
Group3 40-49 years	.582 (.447-.717)	20% (2.52%-55.6%)	96.4%( 81.7%-99.9%)	66.7%( 9.43%-99.2%)	77.1% (59.9%-89.6%)
Group4 50-59 years	.705( .607-.803)	45.2% 27.3%-64%)	95.8%( 78.9%-99.9%)	93.3% (68.1%-99.8%)	57.5% (40.9%-73%)
Group4 >60 years	.716 (.581-.85)	50% (24.7%-75.3%)	93.1% (77.2%-99.2%)	80% (44.4%-97.5%)	77.1% (59.9%-89.6%)
Cut off	4.7				
Whole cohort	.652( .593-.711)	33.8%( 22.8%-46.3%)	96.6% (91.5%-99.1%)	85.2%( 66.3%-95.8%)	71.7%( 64%-78.5%)
Group1 < 30 years					
Group2 30-39 years	.571 (.431-.711)	14.3% (.361%-57.9%)	100%( 86.8%-100%)	100% (2.5%-100%)	81.3% (63.6%-92.8%)
Group3 40-49 years	.582 (.447-.717)	20% (2.52%-55.6%)	96.4% (81.7%-99.9%)	66.7% (9.43%-99.2%)	77.1% (59.9%-89.6%)

Group4 50-59 years	.689 (.592-.786)	41.9%( 24.5%-60.9%)	95.8%( 78.9%-99.9%)	92.9% (66.1%-99.8%)	56.1% (39.7%-71.5%)
Group4 >60 years	.684 (.55-.818)	43.8%( 19.8%-70.1%)	93.1%( 77.2%-99.2%)	77.8%( 40%-97.2%)	75% (57.8%-87.9%)
Cut off	4.8				
Whole cohort	.656 (.598-.715)	33.8% (22.8%-46.3%)	97.5% (92.7%-99.5%)	88.5%( 69.8%-97.6%)	71.9% (64.2%-78.7%)
Group1 < 30 years					
Group2 30-39 years	.571 (.431-.711)	14.3%( .361%-57.9%)	100% (86.8%-100%)	100% (2.5%-100%)	81.3%( 63.6%-92.8%)
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100% (87.7%-100%)	100% (15.8%-100%)	77.8% (60.8%-89.9%)
Group4 50-59 years	.689 (.592-.786)	41.9% (24.5%-60.9%)	95.8%( 78.9%-99.9%)	92.9%( 66.1%-99.8%)	56.1%( 39.7%-71.5%)
Group4 >60 years	.684 (.55-.818)	43.8%( 19.8%-70.1%)	93.1%( 77.2%-99.2%)	77.8%( 40%-97.2%)	75% (57.8%-87.9%)
Cut off	4.9				
Whole cohort	.665( .608-.722)	33.8% (22.8%-46.3%)	99.2%( 95.4%-100%)	95.8%( 78.9%-99.9%)	72.2%( 64.7%-79%)
Group1 < 30 years					
Group2 30-39 years	.571 (.431-.711)	14.3%( .361%-57.9%)	100% (86.8%-100%)	100% (2.5%-100%)	81.3% (63.6%-92.8%)
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100%( 87.7%-100%)	100%( 15.8%-100%)	77.8%( 60.8%-89.9%)
Group4 50-59 years	.689 (.592-.786)	41.9%( 24.5%-60.9%)	95.8% (78.9%-99.9%)	92.9%( 66.1%-99.8%)	56.1% (39.7%-71.5%)
Group4 >60 years	.719 (.593-.844)	43.8%( 19.8%-70.1%)	100% (88.1%-100%)	100% (59%-100%)	76.3% (59.8%-88.6%)
Cut off	5.0				
Whole cohort	.662( .606-.718)	32.4% (21.5%-44.8%)	100% (96.9%-100%)	100%( 84.6%-100%)	72% (64.4%-78.7%)
Group1 < 30 years					
Group2 30-39 years	.571 .431 .711	14.3% (.361%-57.9%)	100% (86.8%-100%)	100% (2.5%-100%)	81.3% (63.6%-92.8%)
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100%( 87.7%-100%)	100% (15.8%-100%)	77.8% (60.8%-89.9%)
Group4 50-59 years	.694 (.606-.781)	38.7%( 21.8%-57.8%)	100% (85.8%-100%)	100%( 73.5%-100%)	55.8%( 39.9%-70.9%)
Group4 >60 years	.719 (.593-.844)	43.8% (19.8%-70.1%)	100% (88.1%-100%)	100%( 59%-100%)	76.3% (59.8%-88.6%)

\*\*\*\*\*Palmdiff\*\*\*\*\*

**Diagnostic accuracy of palmdiff, All cutoff values, (male participants).**

Age group	ROC	Sensitivity	Specificity	PPV	NPV
Cut off	0.4				
Whole cohort	.81 (.75 -.87)	83.1% (71.7%-91.2%)	78.9%( 70%-86.1%)	70.1% (58.6%-80%)	88.7%( 80.6%-94.2%)
Group1 < 30 years	.705 (.408- 1)	50% (6.76%-93.2%)	90.9% (58.7%-99.8%)	66.7%( 9.43%-99.2%)	83.3% (51.6%-97.9%)
Group2 30-39 years	.938 (.87- 1)	100% (63.1%-100%)	87.5%( 67.6%-97.3%)	72.7%( 39%-94%)	100% (83.9%-100%)
Group3 40-49 years	.764 (.604-.923)	72.7% (39%- 94%)	80% (59.3%-93.2%)	61.5%( 31.6%-86.1%)	87% (66.4%-97.2%)
Group4 50-59 years	.752 (.628-.875)	80.8% (60.6%-93.4%)	69.6% (47.1%-86.8%)	75% (55.1%-)89.3%)	76.2% (52.8%-91.8%)
Group4 >60 years	.834 (.728-.94)	93.8%( 69.8%-99.8%)	73.1% (52.2%-88.4%)	68.2% (45.1%-86.1%)	95% (75.1%-99.9%)
Cut off	0.5				
Whole cohort	.762 (.696-.828)	66.2% (53.4%-77.4%)	86.2% (78.3%-92.1%)	74.1%( 61%-84.7%)	81% (72.7%-87.7%)
Group1 < 30 years	0.75 (0.467- 1)	50% (6.76%- 93.2%)	100% (71.5%- 100%)	100% (15.8%- 100%)	84.6% (54.6%-98.1%)
Group2 30-39 years	.813 (0.633-0.992)	62.5% (24.5%- 91.5%)	100% (85.8%- 100%)	100% (47.8%- 100%)	88.9% (70.8%-97.6%)
Group3 40-49 years	.784 (.627-.94)	72.7% (39%-94%)	84% (63.9%-95.5%)	66.7% (34.9%-90.1%)	87.5% (67.6%-97.3%)
Group4 50-59 years	.68 (.55 -.809)	57.7% (36.9%-76.6%)	57.7% (36.9%-76.6%)	75% (50.9%-91.3%)	62.1%( 42.3%-79.3%)
Group4 >60 years	.791 (.662-.92)	81.3% (54.4%-96%)	76.9% (56.4%-91%)	68.4%( 43.4%-87.4%)	87% (66.4%-97.2%)
Cut off	0.6				
Whole cohort	.759 (.693-.824)	60% (47.1%- 72%)	91.7%( 84.9%-96.2%)	81.3% (67.4%-91.1%)	79.4%( 71.2%-86.1%)
Group1 < 30 years	.625 (.38 -.87)	25% (.631%-80.6%)	100% (71.5%-100%)	100%( 2.5%-100%)	78.6%( 49.2%-95.3%)
Group2 30-39 years	.75 (.565-.935)	50% (15.7%-84.3%)	100% (85.8%-100%)	100% (39.8%-100%)	85.7%( 67.3%-96%)
Group3 40-49 years	.804 (.651-.956)	72.7% (39%-94%)	88% (68.8%-97.5%)	72.7% (39%-94%)	88% (68.8%-97.5%)
Group4 50-59 years	.685 (.564-.805)	50% (29.9%-70.1%)	87% (66.4%-97.2%)	81.3% (54.4%-96%)	60.6% (42.1%-77.1%)
Group4 >60 years	.849( .732-.965)	81.3% (54.4%-96%)	88.5% (69.8%-97.6%)	81.3% (54.4%-96%)	88.5% (69.8%-97.6%)

Cut off	0.7				
Whole cohort	.733 (.667 - .798)	53.8% (41%-66.3%)	92.7% (86%-96.8%)	81.4% (66.6%-91.6%)	77.1% (68.9%-84%)
Group1 < 30 years	.625 (.38 - .87)	25% (.631%-80.6%)	100% (71.5%-100%)	100% (2.5%-100%)	78.6% (49.2%-95.3%)
Group2 30-39 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100% (85.8%-100%)	100% (29.2%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.733 (.569-.896)	54.5% (23.4% - 83.3%)	92% (74% 99%-)	75% (34.9%-96.8%)	82.1% (63.1%-93.9%)
Group4 50-59 years	.666 (.545-.786)	46.2% (26.6%-66.6%)	87% (66.4%-97.2%)	80% (51.9%-95.7%)	58.8% (40.7%-75.4%)
Group4 >60 years	.849 (.732-.965)	81.3% (54.4%-96%)	88.5% (69.8%-97.6%)	81.3% (54.4%-96%)	88.5% (69.8%-97.6%)
Cut off	0.8				
Whole cohort	.702 (.636-.768)	47.7% (35.1%-60.5%)	92.7% (86%-96.8%)	79.5% (63.5%-90.7%)	74.8% (66.6%-81.9%)
Group1 < 30 years					
Group2 30-39 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100% (85.8%-100%)	100% (29.2%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.687 (.524-.851)	45.5% (16.7%-76.6%)	92% (74% 99%-)	71.4% (29%-96.3%)	79.3% (60.3%-92%)
Group4 50-59 years	.646 (.527-.766)	42.3% (23.4%-63.1%)	87% (66.4%-97.2%)	78.6% (49.2%-95.3%)	57.1% (39.4%-73.7%)
Group4 >60 years	.817 (.691-.944)	75% (47.6%-92.7%)	88.5% (69.8% - 97.6%)	80% (51.9%-95.7%)	85.2% (66.3%-95.8%)
Cut off	0.9				
Whole cohort	.703 (.639-.768)	46.2% (33.7%-59%)	46.2% (33.7%-59%)	83.3% (67.2%-93.6%)	74.6% (66.5%-81.7%)
Group1 < 30 years					
Group2 30-39 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100% (85.8%-100%)	100% (29.2%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.642 (.483-.8)	36.4% (10.9%-69.2%)	92% (74%-99%)	66.7% (22.3%-95.7%)	76.7% (57.7%-90.1%)
Group4 50-59 years	.668 (.555-.781)	42.3% (23.4%-63.1%)	91.3% (72% - 98.9%)	84.6% (54.6%-98.1%)	58.3% (40.8%-74.5%)
Group4 >60 years	.837 (.715-.958)	75% (47.6%-92.7%)	92.3% (74.9%-99.1%)	85.7% (57.2%-98.2%)	85.7% (67.3%-96%)
Cut off	1.0				
Whole cohort	.677 (.614-.74)	40% (28% -52.9%)	95.4% (89.6%-98.5%)	83.9% (66.3%-94.5%)	72.7% (64.7%-79.8%)

Group1 < 30 years					
Group2 30-39 years	.688 (.508-.867)	37.5%( 8.52%-75.5%)	100%( 85.8%-100%)	100% (29.2%-100%)	82.8%( 64.2%-94.2%)
Group3 40-49 years	.662 (.508-.816)	36.4% (10.9%-69.2%)	96% (79.6%-99.9%)	80% (28.4%-99.5%)	77.4% (58.9%-90.4%)
Group4 50-59 years	.649 (.537-.761)	38.5%( 20.2%-59.4%)	91.3% (72% -98.9%)	83.3% (51.6%-97.9%)	56.8%( 39.5%-72.9%)
Group 2+3+4					
Group4 >60 years	.743 (.607-.879)	56.3% (29.9%-80.2%)	92.3% (74.9%-99.1%)	81.8%( 48.2%-97.7%)	77.4% (58.9%-90.4%)
Cut off	1.1				
Whole cohort	95.4%(89.6%-98.5%)	38.5% (26.7%-51.4%)	95.4%( 89.6%-98.5%)	83.3% (65.3%-94.4%)	72.2% (64.2%-79.4%)
Group1 < 30 years					
Group2 30-39 years	.688 (.508-.867)	37.5%( 8.52%-75.5%)	100% (85.8%-100%)	100% (29.2%-100%)	82.8%( 64.2%-94.2%)
Group3 40-49 years	.662( .508 -.816)	36.4% (10.9%-69.2%)	96% (79.6%-99.9%)	80% (28.4%-99.5%)	77.4% (58.9%-90.4%)
Group4 50-59 years	.649 (.537-.761)	38.5%( 20.2%-59.4%)	91.3% (72%-98.9%)	83.3% (51.6%-97.9%)	56.8% (39.5%-72.9%)
Group4 >60 years	.712 (.575-.848)	50% (24.7%-75.3%)	92.3% (74.9%-99.1%)	80% (44.4%-97.5%)	75% (56.6%-88.5%)
Cut off	1.2				
Whole cohort	.648 (.588-.707)	32.3% (21.2%-45.1%)	97.2%( 92.2%-99.4%)	87.5% (67.6%-97.3%)	70.7% (62.7%-77.8%)
Group1 < 30 years					
Group2 30-39 years	.688( .508-.867)	37.5% (8.52%-75.5%)	100% (85.8%-100%)	100% (29.2%-100%)	82.8%( 64.2%-94.2%)
Group3 40-49 years	.616( .473-.76)	27.3% (6.02% -61%)	96% (79.6%-99.9%)	75% (19.4%-99.4%)	75% (56.6%-88.5%)
Group4 50-59 years	0.651 (0.549-0.754)	34.6% (17.2%- 55.7%)	95.7% (78.1%- 99.9%)	90% (55.5%- 99.7%)	56.4% (39.6%-72.2%)
Group4 >60 years	.668 (.54-.796)	37.5% (15.2%-64.6%)	96.2% (80.4%-99.9%)	85.7% (42.1%-99.6%)	71.4%( 53.7%-85.4%)
Cut off	1.3				
Whole cohort	.64 (.581-.699)	30.8% (19.9%-43.4%)	97.2% (92.2%-99.4%)	87% (66.4%-97.2%)	70.2% (62.2%-77.4%)
Group1 < 30 years					



Group2 30-39 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100%( 85.8%-100%)	100% (29.2%-100%)	82.8%( 64.2%-94.2%)
Group3 40-49 years	.616 (.473-.76)	27.3% (6.02%-61%)	96% (79.6%-99.9%)	75% (19.4%-99.4%)	75% (56.6%-88.5%)
Group4 50-59 years	.632( .532-.732)	30.8%( 14.3% - 51.8%)	95.7% (78.1% - 99.9%)	88.9% (51.8%-99.7%)	55% (38.5%-70.7%)
Group4 >60 years	.668( .54-.796)	37.5% (15.2%-64.6%)	96.2%( 80.4%-99.9%)	85.7% (42.1%-99.6%)	71.4% (53.7%-85.4%)
Cut off	1.4				
Whole cohort	.64 (.581-.699)	30.8% (19.9%-43.4%)	97.2% (92.2%-99.4%)	87%( 66.4%-97.2%)	70.2%( 62.2%-77.4%)
Group1 < 30 years					
Group2 30-39 years	.688 (.508-.867)	37.5%( 8.52%-75.5%)	100%( 85.8%-100%)	100%( 29.2%-100%)	82.8%( 64.2%-94.2%)
Group3 40-49 years	.616 (.473-.76)	27.3% (6.02%-61%)	96% (79.6%-99.9%)	75% (19.4%-99.4%)	75% (56.6%-88.5%)
Group4 50-59 years	.632 (.532-.732)	30.8%( 14.3%-51.8%)	95.7% (78.1%-99.9%)	88.9%( 51.8%-99.7%)	55% (38.5%-70.7%)
Group4 >60 years	.668 (.54-.796)	37.5%( 15.2%-64.6%)	96.2% (80.4%-99.9%)	85.7% (42.1%-99.6%)	71.4% (53.7%-85.4%)
Cut off	0.15				
Whole cohort	.617( .561-.673)	26.2%( 16% - 38.5%)	97.2%( 92.2%-99.4%)	85% (62.1%-96.8%)	68.8%( 60.9%-76%)
Group1 < 30 years					
Group2 30-39 years	.625 (.465-.785)	25% (3.19%-65.1%)	100%( 85.8%-100%)	100% )15.8%-100%)	80% (61.4%-92.3%)
Group3 40-49 years	.616 (.473-.76)	27.3%( 6.02%-61%)	96% (79.6%-99.9%)	75% (19.4%-99.4%)	75%( 56.6%-88.5%)
Group4 50-59 years	.594 (.501-.687)	23.1%( 8.97%-43.6%)	95.7%( 78.1%-99.9%)	85.7% (42.1%-99.6%)	52.4%( 36.4%-68%)
Group4 >60 years	.668 (.54-.796)	37.5% (15.2%-64.6%)	96.2% (80.4%-99.9%)	85.7% (42.1%-99.6%)	71.4% (53.7%-85.4%)
Cut off	0.16				
Whole cohort	.586 (.535-.638)	20%( 11.1%-31.8%)	97.2%( 92.2%-99.4%)	81.3% (54.4%-96%)	67.1%( 59.2%-74.3%)
Group1 < 30 years					
Group2 30-39 years	.563( .44-.685)	12.5%( .316%-52.7%)	100% (85.8%-100%)	100%( 2.5%-100%)	77.4% (58.9%-90.4%)
Group3 40-49 years	.616 (.473-.76)	27.3% (6.02%-61%)	96% (79.6%-99.9%)	75% (19.4%-99.4%)	75%( 56.6%-88.5%)

Group4 50-59 years	.555 (.473-.638)	15.4%( 4.36%-34.9%)	95.7% (78.1%-99.9%)	80% (28.4%-99.5%)	50% (34.6%-65.4%)
Group4 >60 years	.637 (.514-.76)	31.3% (11%-58.7%)	96.2%( 80.4%-99.9%)	83.3%( 35.9%-99.6%)	69.4%( 51.9%-83.7%)
Cut off	0.17				
Whole cohort	.583( .534-.632)	18.5%( 9.92%-30%)	98.2% (93.5%-99.8%)	85.7%( 57.2%-98.2%)	66.9%( 59%-74.1%)
Group1 < 30 years					
Group2 30-39 years	.563( .44-.685)	12.5% (.316%-52.7%)	100% (85.8%-100%)	100%( 2.5%-100%)	77.4% (58.9%-90.4%)
Group3 40-49 years	.616 (.473-.76)	27.3%( 6.02%-61%)	96% (79.6%-99.9%)	75% (19.4%-99.4%)	75% (56.6%-88.5%)
Group4 50-59 years	.558 (.495-.62)	11.5%( 2.45%-30.2%)	100% (85.2%-100%)	100% (29.2%-100%)	50% (34.9%-65.1%)
Group4 >60 years	.637 (.514-.76)	31.3% (11%-58.7%)	96.2%( 80.4%-99.9%)	83.3% (35.9%-99.6%)	69.4% (51.9%-83.7%)
Cut off	0.18				
Whole cohort	.537 (.499-.575)	9.23%( 3.46%-19%)	98.2% (93.5%-99.8%)	75% (34.9%-96.8%)	64.5% (56.7%-71.7%)
Group1 < 30 years					
Group2 30-39 years	.563 (.44-.685)	12.5% (.316%-52.7%)	100%( 85.8%-100%)	100% (2.5%-100%)	77.4%( 58.9%-90.4%)
Group3 40-49 years	.616 (.473-.76)	27.3%( 6.02%-61%)	96% (79.6%-99.9%)	75% (19.4%-99.4%)	75% (56.6%-88.5%)
Group4 50-59 years	.519 (.482-.557)	3.85% (.0973%-19.6%)	100%( 85.2%0-100%)	100%( 2.5%-100%)	47.9%( 33.3%-62.8%)
Group4 >60 years	.512 (.44-.584)	6.25% (.158%-30.2%)	96.2% (80.4%-99.9%)	50% (1.26%-98.7%)	62.5% (45.8%-77.3%)

\*\*\*\*\*Thumbdiff\*\*\*\*\*

**Diagnostic accuracy of thumbdiff, All cutoff values, (male participants).**

Age group	ROC	Sensitivity	Specificity	PPV	NPV
Cut off	0.5				
Whole cohort	.705( .645-.764)	89.6% (79.7%-95.7%)	51.4% (41.7%-61%)	52.6% (43.1%-62.1%)	89.1% 78.8% 95.5%
Group1 < 30 years	.764 (.48- 1)	75% (19.4%-99.4%)	77.8%( 40%-97.2%)	60%( 14.7%-94.7%)	87.5%( 47.3%-99.7%)
Group2 30-39 years	.771( .615 -.927)	87.5% (47.3%-99.7%)	66.7%( 44.7%-84.4%)	46.7%( 21.3%-73.4%)	94.1% (71.3%-99.9%)
Group3 40-49 years	.635 (.5 -.77)	90% (55.5%-99.7%)	37% (19.4%-57.6%)	34.6% (17.2%-55.7%)	90.9%( 58.7%-99.8%)
Group4 50-59 years	.637( .516-.757)	85.7% (67.3%-96%)	41.7% (22.1%-63.4%)	63.2% (46% -78.2%)	71.4%( 41.9%-91.6%)
Group4 >60 years	.759 (.663-.855)	100%( 80.5%-100%)	51.9% (31.9%-71.3%)	56.7% (37.4%-74.5%)	100% (76.8%-100%)
Cut off	0.6				
Whole cohort	.741 (.678-.803)	85.1% (74.3%-92.6%)	63.1% (53.4%-72%)	58.2%( 47.8%-68.1%)	87.5% (78.2%-93.8%)
Group1 < 30 years	0.875 (0.63- 1.0)	75% (19.4%- 99.4%)	100% ( 66.4%- 100%)	100% ( 29.2%- 100%)	90% (55.5%-99.7%)
Group2 30-39 years	.75 (.567-.933)	75% (34.9%-96.8%)	75% (53.3%-90.2%)	50% (21.1%-78.9%)	90% (68.3%-98.8%)
Group3 40-49 years	.691 (.554-.828)	90% (55.5%-99.7%)	48.1% (28.7%-68.1%)	39.1% (19.7%-61.5%)	92.9%( 66.1%-99.8%)
Group4 50-59 years	.705 (.58-.831)	78.6% (59%-91.7%)	62.5%( 40.6%-81.2%)	71% (52%-85.8%)	71.4% (47.8%-88.7%)
Group4 >60 years	.778 (.682-.873)	100% (80.5%-100%)	55.6% (35.3%-74.5%)	58.6% (38.9%-76.5%)	100% (78.2%-100%)
Cut off	0.7				
Whole cohort	.762 (.697-.827)	77.6% (65.8%-86.9%)	74.8% (65.6%-82.5%)	65%( 53.5%-75.3%)	84.7%( 76%-91.2%)
Group1 < 30 years	.75 (.467- 1)	50% (6.76%-93.2%)	100% 6(6.4%-100%)	100% (15.8%-100%)	81.8% (48.2%-97.7%)
Group2 30-39 years	.792 (.614-.969)	75% (34.9%-96.8%)	83.3% (62.6%-95.3%)	60% (26.2%-87.8%)	90.9% (70.8%-98.9%)
Group3 40-49 years	.77 (.615 -.926)	80% (44.4%-97.5%)	74.1% (53.7%-88.9%)	53.3% (26.6%-78.7%)	90.9% (70.8%-98.9%)
Group4 50-59 years	.729 (.605-.853)	75% (55.1%-89.3%)	70.8% (48.9%-87.4%)	75% (55.1%-89.3%)	70.8%( 48.9%-87.4%)
Group4 >60 years	.756( .634-.878)	88.2% (63.6%-98.5%)	63% (42.4%-80.6%)	60% (38.7%-78.9%)	89.5%( 66.9%-98.7%)

Cut off	0.8				
Whole cohort	.77 (.705-.834)	74.6% (62.5%-84.5%)	79.3% (70.5%-86.4%)	68.5% (56.6%-78.9%)	83.8% (75.3%-90.3%)
Group1 < 30 years	.75 (.467- 1)	50% (6.76%-93.2%)	100% (66.4%-100%)	100% (15.8%-100%)	81.8% (48.2%-97.7%)
Group2 30-39 years	.813 (.638-.987)	75% (34.9%-96.8%)	87.5% (67.6%-97.3%)	66.7% (29.9%-92.5%)	91.3% (72%-98.9%)
Group3 40-49 years	.807 (.657-.958)	80% (44.4%-97.5%)	81.5% (61.9%-93.7%)	61.5% (31.6%-86.1%)	91.7% (73%-99%)
Group4 50-59 years	.714 (.589-.839)	67.9% (47.6%-84.1%)	75% (53.3%-90.2%)	76% (54.9%-90.6%)	66.7% (46%-83.5%)
Group4 >60 years	.775 (.654-.895)	88.2% (63.6%-98.5%)	66.7% (46%-83.5%)	62.5% (40.6%-81.2%)	90% (68.3%-98.8%)
Cut off	0.9				
Whole cohort	.758 (.692-.824)	68.7% (56.2%-79.4%)	82.9% (74.6%-89.4%)	70.8% (58.2%-81.4%)	81.4% (73%-88.1%)
Group1 < 30 years	.75 (.467- 1)	50% (6.76%-93.2%)	100% (66.4%-100%)	100% (15.8%-100%)	81.8% (48.2%-97.7%)
Group2 30-39 years	.792 (.608-.976)	62.5% (24.5%-91.5%)	95.8% (78.9%-99.9%)	83.3% (35.9%-99.6%)	88.5% (69.8%-97.6%)
Group3 40-49 years	.807 (.657-.958)	80% (44.4%-97.5%)	81.5% (61.9%-93.7%)	61.5% (31.6%-86.1%)	91.7% (73%-99%)
Group4 50-59 years	.699 (.575-.823)	60.7% (40.6%-78.5%)	79.2% (57.8%-92.9%)	77.3% (54.6%-92.2%)	63.3% (43.9%-80.1%)
Group4 >60 years	.764 (.635-.892)	82.4% (56.6%-96.2%)	70.4% (49.8%-86.2%)	63.6% (40.7%-82.8%)	86.4% (65.1%-97.1%)
Cut off	1.0				
Whole cohort	.756 (.691-.821)	61.2% (48.5%-72.9%)	90.1% (83%-94.9%)	78.8% (65.3%-88.9%)	79.4% (71.2%-86.1%)
Group1 < 30 years	.75 (.467- 1)	50% (6.76%-93.2%)	100% (66.4%-100%)	100% (15.8%-100%)	81.8% (48.2%-97.7%)
Group2 30-39 years	.667 (.483-.851)	37.5% (8.52%-75.5%)	95.8% (78.9%-99.9%)	75% (19.4%-99.4%)	82.1% (63.1%-93.9%)
Group3 40-49 years	.776 (.611-.94)	70% (34.8%-93.3%)	85.2% (66.3%-95.8%)	63.6% (30.8%-89.1%)	88.5% (69.8%-97.6%)
Group4 50-59 years	0.747 (0.644-0.85)	53.6% (33.9%-72.5%)	95.8% (78.9%-99.9%)	93.8% (69.8%-99.8%)	63.9% (46.2%-79.2%)
Group 2+3+4					
Group4 >60 years	.819 (.7-.939)	82.4% (56.6%-96.2%)	81.5% (61.9%-93.7%)	73.7% (48.8%-90.9%)	88% (68.8%-97.5%)
Cut off	1.1				
Whole cohort	.736 (.67-.801)	55.2% (42.6%-67.4%)	91.9% (85.2%-96.2%)	80.4% (66.1%-90.6%)	77.3% (69.2%-84.1%)

Group1 < 30 years	.75( .467- 1)	50%( 6.76%-93.2%)	100%( 66.4%-100%)	100% (15.8%-100%)	81.8% (48.2%-97.7%)
Group2 30-39 years	0.688 (0.508-0.867)	37.5% (8.52%- 75.5%)	100% (85.8%-100%)	100% (29.2%- 100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.676 (.499-.853)	50% (18.7%-81.3%)	85.2% (66.3%-95.8%)	55.6%( 21.2%-86.3%)	82.1% (63.1%-93.9%)
Group4 50-59 years	.729 (.626-.832)	50% (30.6%-69.4%)	95.8%( 78.9%-99.9%)	93.3%( 68.1%-99.8%)	62.2% (44.8%-77.5)
Group4 >60 years	.808( .684-.933)	76.5% (50.1%-93.2%)	85.2% (66.3%-95.8%)	76.5% (50.1%-93.2%)	85.2% (66.3%-95.8%)
Cut off	1.2				
Whole cohort	.719 (.655-.783)	49.3% (36.8%-61.8%)	94.6% (88.6%-98%)	84.6% (69.5%-94.1%)	75.5%( 67.5%-82.4%)
Group1 < 30 years	.625 (.38 -.87)	25% (.631% -80.6%)	100%( 66.4%-100%)	100%( 2.5%-100%)	75% (42.8%-94.5%)
Group2 30-39 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100%( 85.8%-100%)	100%( 29.2%-100%)	82.8%( 64.2%-94.2%)
Group3 40-49 years	.613 (.455-.771)	30% (6.67%-65.2%)	92.6% (75.7%-99.1%)	60% (14.7%-94.7%)	78.1% (60%-90.7%)
Group4 50-59 years	0.729 (0.626-0.832)	50% (30.6%- 69.4%)	95.8% (78.9%- 99.9%)	93.3% (68.1%- 99.8%)	62.2% (44.8%-77.5%)
Group4 >60 years	.797 (.67 -.924)	70.6% (44%-89.7%)	88.9%( 70.8%-97.6%)	80% (51.9%-95.7%)	82.8% (64.2%-94.2%)
Cut off	1.3				
Whole cohort	.704( .641 -.768)	46.3% (34%-58.9%)	94.6%( 88.6%-98%)	83.8% (68%-93.8%)	74.5% (66.4%-81.4%)
Group1 < 30 years					
Group2 30-39 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100%( 85.8%-100%)	100%( 29.2%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.613 (.455-.771)	30% (6.67%-65.2%)	92.6% (75.7%-99.1%)	60% (14.7%-94.7%)	78.1%( 60% -90.7%)
Group4 50-59 years	.729 (.626 -.832)	50% (30.6%-69.4%)	95.8%( 78.9%-99.9%)	93.3%( 68.1%-99.8%)	62.2% (44.8%-77.5%)
Group4 >60 years	.768( .636-.9)	64.7% (38.3%-85.8%)	88.9% (70.8%-97.6%)	78.6% (49.2%-95.3%)	80% (61.4%-92.3%)
Cut off	1.4				
Whole cohort	.701 (.638-.764)	44.8% (32.6%-57.4%)	95.5%( 89.8%-98.5%)	85.7% (69.7%-95.2%)	74.1%( 66.1%-81.1%)
Group1 < 30 years					

Group2 30-39 years	.688 (.508-.867)	37.5%( 8.52%-75.5%)	100%( 85.8%-100%)	100% (29.2%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.581( .446-.717)	20% (2.52%-55.6%)	96.3% (81%-99.9%)	66.7% (9.43%-99.2%)	76.5% (58.8%-89.3%)
Group4 50-59 years	.729( .626-.832)	50% (30.6%-69.4%)	95.8% (78.9%-99.9%)	93.3% (68.1%-99.8%)	62.2%( 44.8%-77.5%)
Group4 >60 years	.768( .636-.9)	64.7% (38.3%-85.8%)	88.9% 70.8%-97.6%)	78.6% (49.2%-95.3%)	80%( 61.4%-92.3%)
Cut off	1.5				
Whole cohort	.688 (.627-.749)	40.3% (28.5%-53%)	97.3% (92.3%-99.4%)	90% (73.5%-97.9%)	73% (65.1%-79.9%)
Group1 < 30 years					
Group2 30-39 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100% (85.8%-100%)	100% (29.2%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100% (87.2%-100%)	100% (15.8%-100%)	77.1% (59.9%-89.6%)
Group4 50-59 years	.711 (.609-.814)	46.4% (27.5%-66.1%)	95.8% (78.9%-99.9%)	92.9% (66.1%-99.8%)	60.5% (43.4%-76%)
Group4 >60 years	.728 (.595-.86)	52.9% (27.8%-77%)	92.6% (75.7%-99.1%)	81.8% (48.2%-97.7%)	75.8% (57.7%-88.9%)
Cut off	1.6				
Whole cohort	.681 (.62-.741)	38.8% (27.1%-51.5%)	97.3% (92.3%-99.4%)	89.7% (72.6%-97.8%)	72.5% (64.6%-79.5%)
Group1 < 30 years					
Group2 30-39 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100% (85.8%-100%)	100% (29.2%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100% (87.2%-100%)	100% (15.8%-100%)	77.1% (59.9%-89.6%)
Group4 50-59 years	.693 (.592-.795)	42.9% (24.5%-62.8%)	95.8% (78.9%-99.9%)	92.3% (64%-99.8%)	59% (42.1%-74.4%)
Group4 >60 years	.728 (.595-.86)	52.9% (27.8%-77%)	92.6% (75.7%-99.1%)	81.8% (48.2%-97.7%)	75.8% (57.7%-88.9%)
Cut off	1.7				
Whole cohort	.673 (.613-.733)	37.3% (25.8%-50%)	97.3% (92.3%-99.4%)	89.3% (71.8%-97.7%)	72% (64.1%-79%)
Group1 < 30 years					
Group2 30-39 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100% (85.8%-100%)	100% (29.2%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100% (87.2%-100%)	100% (15.8%-100%)	77.1% (59.9%-89.6%)

Group4 50-59 years	.676 (.575-.776)	39.3% (21.5%-59.4%)	95.8% (78.9%-99.9%)	91.7% (61.5%-99.8%)	57.5% (40.9%-73%)
Group4 >60 years	.728 (.595-.86)	52.9% (27.8%-77%)	92.6% (75.7%-99.1%)	81.8% (48.2%-97.7%)	75.8% (57.7%-88.9%)
Cut off	1.8				
Whole cohort	.648 (.59-.705)	31.3% (20.6%-43.8%)	98.2% (93.6%-99.8%)	91.3% (72%-98.9%)	70.3% (62.5%-77.4%)
Group1 < 30 years					
Group2 30-39 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100% (85.8%-100%)	100% (29.2%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100% (87.2%-100%)	100% (15.8%-100%)	77.1% (59.9%-89.6%)
Group4 50-59 years	.64 (.543-.737)	32.1% (15.9%-52.4%)	95.8% (78.9%-99.9%)	90% (55.5%-99.7%)	54.8% (38.7%-70.2%)
Group4 >60 years	.687 (.561-.813)	41.2% (18.4%-67.1%)	96.3% (81%-99.9%)	87.5% (47.3%-99.7%)	72.2% (54.8%-85.8%)
Cut off	1.9				
Whole cohort	.648 (.59-.705)	31.3% (20.6%-43.8%)	98.2% (93.6%-99.8%)	91.3% (72%-98.9%)	70.3% (62.5%-77.4%)
Group1 < 30 years					
Group2 30-39 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100% (85.8%-100%)	100% (29.2%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100% (87.2%-100%)	100% (15.8%-100%)	77.1% (59.9%-89.6%)
Group4 50-59 years	.64 (.543-.737)	32.1% (15.9%-52.4%)	95.8% (78.9%-99.9%)	90% (55.5%-99.7%)	54.8% (38.7%-70.2%)
Group4 >60 years	.687 (.561-.813)	41.2% (18.4%-67.1%)	96.3% (81%-99.9%)	87.5% (47.3%-99.7%)	72.2% (54.8%-85.8%)
Cut off	2.0				
Whole cohort	.633 (.577-.689)	28.4% (18%-40.7%)	98.2% (93.6%-99.8%)	90.5% (69.6%-98.8%)	69.4% (61.6%-76.5%)
Group1 < 30 years					
Group2 30-39 years	.625 (.465-.785)	25% (3.19%-65.1%)	100% (85.8%-100%)	100% (15.8%-100%)	80% (61.4%-92.3%)
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100% (87.2%-100%)	100% (15.8%-100%)	77.1% (59.9%-89.6%)
Group4 50-59 years	.64 (.543-.737)	32.1% (15.9%-52.4%)	95.8% (78.9%-99.9%)	90% (55.5%-99.7%)	54.8% (38.7%-70.2%)
Group4 >60 years	.658 (.535-.781)	35.3% (14.2%-61.7%)	96.3% (81%-99.9%)	85.7% (42.1%-99.6%)	70.3% (53%-84.1%)

Cut off	2.2				
Group4 >60 years	.658 (.535-.781)	35.3% (14.2%-61.7%)	96.3% (81%-99.9%)	85.7% (42.1%-99.6%)	70.3% (53%-84.1%)
Cut off	2.5				
Group4 >60 years	.647 (.535-.759)	29.4% (10.3%-56%)	100% (87.2%-100%)	100% (47.8%-100%)	69.2% (52.4%-83%)



\*\*\*\*\*Ringdiff\*\*\*\*\*

**Diagnostic accuracy of ringdiff, All cutoff values, (male participants).**

Age group	ROC	Sensitivity	Specificity	PPV	NPV
Cut off	0.4				
Whole cohort	.754 (.683 - .824)	75%( 61.6%-85.6%)	75.7% (66.3%-83.6%)	62.7% (50% - 74.2%)	84.8% (75.8%-91.4%)
Group1 < 30 years	.764 (.48- 1)	75% (19.4%-99.4%)	77.8%( 40%-97.2%)	60% (14.7%-94.7%)	87.5%( 47.3%-99.7%)
Group2 30-39 years	.795( .602-.988)	71.4% (29%-96.3%)	87.5% (67.6%-97.3%)	62.5% (24.5%-91.5%)	91.3% (72%-98.9%)
Group3 40-49 years	.741 (.569-.914)	70% (34.8%-93.3%)	78.3%( 56.3%-92.5%)	58.3% (27.7%-84.8%)	85.7% (63.7%-97%)
Group4 50-59 years	.728 (.599-.856)	76% (54.9%-90.6%)	69.6%( 47.1%-86.8%)	73.1% (52.2% - 88.4%)	72.7% (49.8%-89.3%)
Group4 >60 years	.733( .571-.896)	80% (44.4%-97.5%)	66.7% (44.7%-84.4%)	50% (24.7%-75.3%)	88.9% (65.3%-98.6%)
Cut off	0.5				
Whole cohort	.752 (.68-.824)	67.9% (54%-79.7%)	82.5%( 73.8%-89.3%)	67.9% (54%-79.7%)	82.5% (73.8%-89.3%)
Group1 < 30 years	.75 (0.467- 1)	50% (6.76% -93.2%)	100% ( 66.4%- 100%)	100% (15.8%- 100%)	81.8% (48.2%-97.7%)
Group2 30-39 years	.765 (.563-.967)	57.1% (18.4%-90.1%)	95.8% (78.9%-99.9%)	80% (28.4%-99.5%)	88.5%( 69.8%-97.6%)
Group3 40-49 years	.785 (.619-.95)	70% (34.8%-93.3%)	87% (66.4%-97.2%)	70% (34.8%-93.3%)	87% (66.4%-97.2%)
Group4 50-59 years	.688 (.554-.822)	68% (46.5%-85.1%)	69.6% (47.1%-86.8%)	70.8% (48.9%-87.4%)	66.7%( 44.7%-84.4%)
Group4 >60 years	.754( .594-.914)	80%( 44.4%-97.5%)	70.8% (48.9%-87.4%)	53.3% 26.6% 78.7%	89.5% (66.9%-98.7%)
Cut off	0.6				
Whole cohort	.71 (.637-.78)	53.6% (39.7%-67%)	88.3%( 80.5%-93.8%)	71.4%( 55.4% - 84.3%)	77.8%( 69.2%-84.9%)
Group1 < 30 years	.625 (.38 - .87)	25%( .631%-80.6%)	100% (66.4%-100%)	100%( 2.5%-100%)	75%( 42.8%-94.5%)
Group2 30-39 years	.714 (.516- .912)	42.9% (9.9% -81.6%)	100% ( 85.8%- 100%)	100% (29.2%- 100%)	85.7% (67.3%- 96%)
Group3 40-49 years	.757 (.586-.927)	60% (26.2%-87.8%)	91.3% (72%-98.9%)	75% (34.9%-96.8%)	84% (63.9%-95.5%)
Group4 50-59 years	.673 (.546-.801)	52% (31.3%-72.2%)	82.6% (61.2%-95%)	76.5% (50.1%-93.2%)	61.3%( 42.2%-78.2%)
Group4 >60 years	.725 (.551-.899)	70% (34.8%-93.3%)	75% (53.3%-90.2%)	53.8%( 25.1%-80.8%)	85.7% (63.7%-97%)

Cut off	0.7				
Whole cohort	.701 (.629-.774)	50% (36.3% - 63.7%)	90.3% (82.9%-95.2%)	73.7% (56.9%-86.6%)	76.9% (68.3%-84%)
Group1 < 30 years	.625 (.38-.87)	25% (.631%-80.6%)	100% (66.4%-100%)	100% (2.5%-100%)	75%( 42.8%-94.5%)
Group2 30-39 years	.643( .462-.824)	28.6% (3.67%-71%)	100%( 85.8%-100%)	100% (15.8%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.707 (.533-.88)	50% (18.7%-81.3%)	91.3% (72%-98.9%)	71.4% (29%-96.3%)	80.8%( 60.6%-93.4%)
Group4 50-59 years	.673 (.546-.801)	52% (31.3%-72.2%)	82.6% (61.2%-95%)	76.5% (50.1%-93.2%)	61.3%( 42.2%-78.2%)
Group4 >60 years	.767 (.599-.935)	70% (34.8%-93.3%)	83.3%( 62.6%-95.3%)	63.6% (30.8%-89.1%)	87% (66.4%-97.2%)
Cut off	0.8				
Whole cohort	.697( .626-.769)	48.2% (34.7%-62%)	91.3% (84.1%-95.9%)	75%( 57.8%-87.9%)	76.4% (67.9%-83.6%)
Group1 < 30 years	.625 (.38-.87)	25% (.631%-80.6%)	100% (66.4%-100%)	100% (2.5%-100%)	75% (42.8%-94.5%)
Group2 30-39 years	.643( .462-.824)	28.6% (3.67%-71%)	100%( 85.8%-100%)	100% (15.8%-100%)	82.8%( 64.2% -94.2%
Group3 40-49 years	.678 (.513-.844)	40% (12.2%-73.8%)	95.7% (78.1%-99.9%)	80% (28.4%-99.5%)	78.6%( 59%-91.7%)
Group4 50-59 years	.673( .546-.801)	52% (31.3%-72.2%)	82.6% (61.2%-95%)	76.5% (50.1%-93.2%)	61.3%( 42.2%-78.2%)
Group4 >60 years	.767 (.599-.935)	70% (34.8%-93.3%)	83.3% (62.6%-95.3%)	63.6% (30.8%-89.1%)	87% (66.4%-97.2%)
Cut off	0.9				
Whole cohort	.667 (.599-.736)	39.3% (26.5%-53.2%)	94.2% (87.8%-97.8%)	78.6%( 59%-91.7%)	74% (65.7%-81.3%)
Group1 < 30 years	.625 (.38-.87)	25% (.631%-80.6%)	100% (66.4%-100%)	100%( 2.5%-100%)	75% (42.8%-94.5%)
Group2 30-39 years	.643 (.462-.824)	28.6% (3.67%-71%)	100% (85.8%-100%)	100% (15.8%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.65 (.5-.8)	30% ( 6.67%- 65.2%)	100% (85.2%-100%)	100% (29.2%- 100%)	76.7% ( 57.7%-90.1%)
Group4 50-59 years	.675 (.553-.797)	48% (27.8%-68.7%)	87% (66.4%-97.2%)	80% (51.9%-95.7%)	60.6% (42.1%-77.1%)
Group4 >60 years	.638 (.464-.811)	40% (12.2%-73.8%)	87.5% (67.6%-97.3%)	57.1% (18.4%-90.1%)	77.8% (57.7%-91.4%)
Cut off	1.0				
Whole cohort	.663 (.596-.731)	37.5%( 24.9%-51.5%)	95.1% (89%-98.4%)	80.8% (60.6%-93.4%)	73.7% (65.3%-80.9%)

Group1 < 30 years	.625 (.38-.87)	25% (.631%-80.6%)	100% (66.4%-100%)	100% (2.5%-100%)	75%( 42.8% -94.5%)
Group2 30-39 years	.643 (.462-.824)	28.6% (3.67%-71%)	100%( 85.8%-100%)	100% (15.8%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.6 (.469 -.731)	20% (2.52%-55.6%)	100% (85.2%-100%)	100% (15.8%-100%)	74.2% (55.4%-88.1%)
Group4 50-59 years	.697 (.581-.813)	48% (27.8%-68.7%)	91.3%( 72%-98.9%)	85.7% (57.2%-98.2%)	61.8% (43.6%-77.8%)
Group4 >60 years	.638( .464-.811)	40% (12.2%-73.8%)	87.5% (67.6%-97.3%)	57.1% (18.4%-90.1%)	77.8% (57.7%-91.4%)
Cut off	1.1				
Whole cohort	.654 (.588-.721)	35.7% (23.4%-49.6%)	95.1% (89%-98.4%))	80% (59.3%-93.2%)	73.1% (64.8%-80.4%)
Group1 < 30 years	.625 (.38 -.87)	25% (.631%-80.6%)	100%( 66.4%-100%	100% (2.5%-100%)	75%( 42.8%-94.5%)
Group2 30-39 years	.643 (.462-.824)	28.6% (3.67%-71%)	100%( 85.8%-100%)	100% (15.8% -100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.6( .469-.731)	20% (2.52%-55.6%)	100% (85.2%-100%)	100% (15.8% -100%)	74.2% (55.4%-88.1%)
Group4 50-59 years	.697( .581-.813)	48% (27.8%-68.7%)	91.3% (72%-98.9%)	85.7%( 57.2%-98.2%)	61.8% (43.6%-77.8%)
Group4 >60 years	.588 (.423-.752)	30% (6.67%-65.2%)	87.5% (67.6%-97.3%)	50% (11.8%-88.2%)	75% (55.1%-89.3%)
Cut off	1.2				
Whole cohort	.645 (.579-.711)	33.9% (21.8% -47.8%)	95.1% (89%-98.4%)	79.2%( 57.8%-92.9%)	72.6% (64.3%-79.9%)
Group1 < 30 years	.625 (.38 -.87)	25% (.631%-80.6%)	100%( 66.4%-100%)	100% (2.5%-100%)	75% (42.8%-94.5%)
Group2 30-39 years	.643 (.462-.824)	28.6% (3.67% -71%)	100%( 85.8%-100%)	100% (15.8%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100% (85.2%-100%)	100% (15.8%-100%)	74.2% (55.4%-88.1%)
Group4 50-59 years	.677 (.561 -.792)	44% (24.4%-65.1%)	91.3% (72% -98.9%)	84.6% (54.6%-98.1%)	60% (42.1%-76.1%)
Group4 >60 years	.588 (.423-.75)	30%( 6.67%-65.2%)	87.5% (67.6%-97.3%)	50% (11.8%-88.2%)	75% (55.1%-89.3%)
Cut off	1.3				
Whole cohort	.641 (.577- .706)	32.1% (20.3%- 46%)	96.1% (90.4%- 98.9%)	81.8% (59.7%- 94.8%)	72.3% (64%- 79.6%)
Group1 < 30 years	.625 (.38-.87)	25% (.631% -80.6%)	100%( 66.4%-100%)	100% (2.5%-100%)	75%( 42.8%-94.5%)
Group2 30-39 years	.643 (.462-.824)	28.6% (3.67%-71%)	100% (85.8%-100%)	100%( 15.8%-100%)	82.8% (64.2%-94.2%)

Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100%( 85.2%-100%)	100% (15.8%-100%)	74.2% (55.4%-88.1%)
Group4 50-59 years	.657 (.542- .771)	40% (21.1% -61.3%)	91.3% (72%- 98.9%)	83.3% (51.6%- 97.9%)	58.3% (40.8%-74.5%)
Group4 >60 years	.608 ( .448- .768)	30% (6.67%- 65.2%)	91.7% (73%- 99%)	60% (14.7%- 94.7%)	75.9% (56.5%-89.7%)
Cut off	1.4				
Whole cohort	.632 (.569-.696)	30.4% (18.8%-44.1%)	96.1% (90.4%-98.9%)	81% (58.1%-94.6%)	71.7% (63.5%-79.1%)
Group1 < 30 years	.625 (.38-.87)	25% (.631%-80.6%)	100%( 66.4%-100%)	100% (2.5%-100%)	75% (42.8%-94.5%)
Group2 30-39 years	.643 (.462 - .824)	28.6% (3.67% - 71%)	100% (85.8%-100%)	100% (15.8%-100%)	82.8%( 64.2%-94.2%)
Group3 40-49 years	.6 (.469-.731)	20%( 2.52%-55.6%)	100% (85.2%-100%)	100% (15.8%-100%)	74.2% (55.4%-88.1%)
Group4 50-59 years	.657 (.542-.771)	40% (21.1%-61.3%)	91.3% (72% - 98.9%)	83.3% (51.6%-97.9%)	58.3% (40.8%-74.5%)
Group4 >60 years	.558 (.416-.701)	20%( 2.52%-55.6%)	91.7% (73%-99%)	50% (6.76%-93.2%)	73.3% (54.1%-87.7%)
Cut off	0.15				
Whole cohort	.624 (.564-.684)	26.8%( 15.8%-40.3%)	98.1%( 93.2%-99.8%)	88.2%( 63.6%-98.5%)	71.1% (62.9%-78.4%)
Group1 < 30 years					
Group2 30-39 years	.643 (.462-.824)	28.6%( 3.67%-71%)	100% (85.8%-100%)	100% (15.8%-100%)	82.8% (64.2%-94.2%)
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100% (85.2%-100%)	100% (15.8%-100%)	74.2% (55.4%-88.1%)
Group4 50-59 years	.678 (.571-.785)	40% (21.1%-61.3%)	95.7% (78.1%-99.9%)	90.9% (58.7%-99.8%)	59.5%( 42.1%-75.2%)
Group4 >60 years	.529( .423-.635)	10% (.253%-44.5%)	95.8% (78.9%-99.9%)	50% (1.26%-98.7%)	71.9% (53.3%-86.3%)
Cut off	0.16				
Whole cohort	.624 (.564-.684)	26.8% (15.8%-40.3%)	98.1% (93.2%-99.8%)	88.2% (63.6%-98.5%)	71.1% (62.9%-78.4%)
Group1 < 30 years					
Group2 30-39 years	.643 (.462-.824)	28.6% (3.67%-71%)	100% (85.8%-100%)	100% (15.8%-100%)	82.8%( 64.2%0 94.2%
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100%( 85.2%-100%)	100% (15.8%-100%)	74.2% (55.4%-88.1%)
Group4 50-59 years	.678( .571-.785)	40% (21.1%-61.3%)	95.7%( 78.1%-99.9%)	90.9% (58.7%-99.8%)	59.5% (42.1%-75.2%)

Group4 >60 years	.529( .423-.635)	10% (.253%-44.5%)	95.8%( 78.9%-99.9%)	50% (1.26%-98.7%)	71.9% (53.3%-86.3%)
Cut off	0.17				
Whole cohort	.615 (.557-.674)	25% (14.4%-38.4%)	98.1% (93.2%-99.8%)	87.5%( 61.7%-98.4%)	70.6% (62.4%-77.9%)
Group1 < 30 years					
Group2 30-39 years	.643( .462-.824)	28.6% (3.67%-71%)	100% (85.8%-100%)	100% (15.8%-100%)	82.8%( 64.2%-94.2%)
Group3 40-49 years	.6 (.469-.731)	20% (2.52%-55.6%)	100%( 85.2%-100%)	100% (15.8%-100%)	74.2% (55.4%-88.1%)
Group4 50-59 years	.678 (.571-.785)	40% (21.1%-61.3%)	95.7% (78.1%-99.9%)	90.9% (58.7%-99.8%)	59.5%( 42.1%-75.2%)
Group4 >60 years	.479 (.438-.52)	0% (0%- 30.8%)	95.8% (78.9%-99.9%)	0%( 0% - 97.5%)	69.7%( 51.3%-84.4%)

\*\*\*\*\*CSI\*\*\*\*\*

**Diagnostic accuracy of combined sensory index (CSI), All cutoff values, (male participants).**

Age group	ROC	Sensitivity	Specificity	PPV	NPV
Cut off	1.0				
Whole cohort	.78( .721-.839)	90.3% (80.1% - 96.4%)	65.7%( 55.6%-74.8%)	61.5%( 50.8%-71.6%)	91.8%( 83%-96.9%)
Group1 < 30 years	.819 (.551-1)	75% (19.4%-99.4%)	88.9% (51.8%-99.7%)	75% (19.4%-99.4%)	88.9%( 51.8%-99.7%)
Group2 30-39 years	.909 (.827-.992)	100%( 63.1%-100%)	81.8% (59.7%-94.8%)	66.7% (34.9%-90.1%)	100% (81.5%-100%)
Group3 40-49 years	.733 (.571-.896)	80% (44.4%-97.5%)	80%( 44.4%-97.5%)	50% (24.7%-75.3%)	88.9% (65.3%-98.6%)
Group4 50-59 years	.713( .588-.837)	88% (68.8%-97.5%)	54.5% (32.2%-75.6%)	68.8% (50%-83.9%)	80% (51.9%-95.7%)
Group4 >60 years	.76 (.66- .86)	100% (78.2%-100%)	52% (31.3%-72.2%)	55.6% (35.3%-74.5%)	100% (75.3%-100%)
Cut off	1.1				
Whole cohort	.787 (.726-.847)	88.7% (78.1%-95.3%)	68.6%( 58.7%-77.5%)	63.2% (52.2%-73.3%)	90.9%( 82.2%-96.3%)
Group1 < 30 years	.819( .551-1)	75% (19.4%-99.4%)	88.9%( 51.8%-99.7%)	75% (19.4%-99.4%)	88.9%( 51.8%-99.7%)
Group2 30-39 years	.932( .858-1)	100%( 63.1%-100%)	86.4%( 65.1%-97.1%)	72.7%( 39%-94%)	100% (82.4%-100%)
Group3 40-49 years	.733 (.571-.896)	80% (44.4%-97.5%)	66.7% (44.7%-84.4%)	50%( 24.7%-75.3%)	88.9% (65.3%-98.6%)
Group4 50-59 years	.715( .587-.844)	84% (63.9%-95.5%)	59.1% (36.4%-79.3%)	70% (50.6%-85.3%)	76.5% (50.1%-93.2%)
Group4 >60 years	.78 (.681-.879)	100% (78.2%-100%)	56% (34.9%-75.6%)	57.7%( 36.9%-76.6%)	100% (76.8%-100%)
Cut off	1.2				
Whole cohort	.806 (.747-.865)	88.7%( 78.1%-95.3%)	72.5% 62.8% 80.9%	66.3%( 55.1%-76.3%)	91.4%( 83%-96.5%)
Group1 < 30 years	.875 (.63 -1)	75% (19.4%- 99.4%)	100% (66.4%- 100%)	100% (29.2%- 100%)	90% (55.5%- 99.7%)
Group2 30-39 years	.955 (.893-1)	100% (63.1%-100%)	90.9% (70.8%-98.9%)	80% (44.4%-97.5%)	100% (83.2%-100%)
Group3 40-49 years	.754 (.594-.914)	80% (44.4%-97.5%)	70.8%( 48.9%-87.4%)	53.3%( 26.6%-78.7%)	89.5%( 66.9%-98.7%)
Group4 50-59 years	.738 (.612-.865)	84%( 63.9%-95.5%)	63.6% (40.7%-82.8%)	72.4% (52.8%-87.3%)	77.8%( 52.4%-93.6%)
Group4 >60 years	.78( .681-.879)	100% (78.2%-100%)	56% (34.9%-75.6%)	57.7%( 36.9% -76.6%)	100% (76.8%-100%)
Cut off	1.3				

Whole cohort	.815 (.755-.875)	85.5% (74.2%-93.1%)	77.5%( 68.1%-85.1%)	69.7%( 58.1%-79.8%)	89.8%( 81.5%-95.2%)
Group1 < 30 years	.875 (.63 -1)	75% (19.4% -99.4%)	100%( 66.4%-100%)	100% (29.2%-100%)	90% (55.5%-99.7%)
Group2 30-39 years	.915 (.784 -1)	87.5% (47.3%-99.7%)	95.5% (77.2%-99.9%)	87.5% (47.3%-99.7%)	95.5% (77.2%-99.9%)
Group3 40-49 years	.796 (.641-.951)	80% (44.4%-97.5%)	79.2%( 57.8%-92.9%)	61.5% (31.6%-86.1%)	90.5%( 69.6%-98.8%)
Group4 50-59 years	.741 (.613-.869)	80%( 59.3%-93.2%)	68.2%( 45.1%-86.1%)	74.1%( 53.7%-88.9%)	75%( 50.9%-91.3%)
Group4 >60 years	.8 (.702 -.898)	100%( 78.2%-100%)	60% (38.7%-78.9%)	60%( 38.7%-78.9%)	100%( 78.2%-100%)
Cut off	1.4				
Whole cohort	.792( .728-.857)	79% (66.8% -88.3%)	79.4% (70.3%-86.8%)	70%( 57.9%-80.4%)	86.2% (77.5%-92.4%)
Group1 < 30 years	.875 (.63 -1)	75% (19.4%-99.4%)	100% (66.4%-100%)	100% (29.2%-100%)	90%( 55.5%-99.7%)
Group2 30-39 years	.79 (.605-.975)	62.5% (24.5%-91.5%)	95.5% (77.2% -99.9%)	83.3% (35.9%-99.6%)	87.5% (67.6%-97.3%)
Group3 40-49 years	.817 (.665-.968)	80%( 44.4%-97.5%)	83.3% (62.6%-95.3%)	66.7% (34.9%-90.1%)	90.9%( 70.8%-98.9%)
Group4 50-59 years	.724( .593-.855)	72% (50.6%-87.9%)	72.7%( 49.8%-89.3%)	75% (53.3%-90.2%)	69.6%( 47.1%-86.8%)
Group4 >60 years	.8 (.702-.898)	100%( 78.2%-100%)	60% (38.7% -78.9%)	60% (38.7%-78.9%)	100% (78.2%-100%)
Cut off	1.5				
Whole cohort	.789 (.724-.854)	77.4%( 65%-87.1%)	80.4%( 71.4%-87.6%)	70.6%( 58.3%-81%)	85.4%( 76.7%-91.8%)
Group1 < 30 years	.875 (.63 -1)	75%( 19.4%-99.4%)	100%( 66.4%-100%)	100%( 29.2%-100%)	90%( 55.5%-99.7%)
Group2 30-39 years	.813 ( .633- .992)	62.5% (24.5%- 91.5%)	100% (84.6%- 100%)	100% (47.8%- 100%)	88% (68.8%-97.5%)
Group3 40-49 years	.817 (.665-.968)	80% (44.4%-97.5%)	83.3% (62.6%-95.3%)	66.7%( 34.9%-90.1%)	90.9%( 70.8%-98.9%)
Group4 50-59 years	.704 (.57 -.837)	68% (46.5%-) 85.1%	72.7% (49.8%-89.3%)	73.9%( 51.6%-89.8%)	66.7% (44.7%-84.4%)
Group4 >60 years	.8 (.702-.898)	100% (78.2%-100%)	60%( 38.7%-78.9%)	60% (38.7%-78.9%)	100%( 78.2%-100%)
Cut off	1.6				
Whole cohort	.765 (.697-.833)	72.6%( 59.8% -83.1%)	80.4% (71.4%-87.6%)	69.2%( 56.6%-80.1%)	82.8% (73.9%-89.7%)
Group1 < 30 years	.75 (.467- 1)	50%( 6.76%-93.2%)	100% (66.4%-100%)	100% (15.8%-100%)	81.8% (48.2%-97.7%)
Group2 30-39 years	.813 (.633-.992(	62.5% (24.5%-91.5%)	100%( 84.6% -100%)	100% (47.8%-100%)	88% (68.8%-97.5%)

Group3 40-49 years	.817( .665-.968)	80%( 44.4%-97.5%)	83.3% (62.6%-95.3%)	66.7%( 34.9%-90.1%)	90.9%( 70.8%-98.9%)
Group4 50-59 years	.684 (.548-.819)	64% (42.5% -82%)	72.7%( 49.8%-89.3%)	72.7%( 49.8%-89.3%)	64%( 42.5%-82%)
Group4 >60 years	.767 (.649-.884)	93.3%( 68.1%-99.8%)	60% (38.7%-78.9%)	58.3% (36.6%-77.9%)	93.8%( 69.8%-99.8%)
Cut off	1.7				
Whole cohort	.767 (.699 -.835)	71% (58.1%-81.8%)	82.4% 7(3.6%-89.2%)	71% (58.1%-81.8%)	82.4% (73.6%-89.2%)
Group1 < 30 years	.625 (.38 -.87)	25% (.631%-80.6%)	100% (66.4%-100%)	100%( 2.5%-100%)	75%( 42.8%-94.5%)
Group2 30-39 years	.813( .633-.992)	62.5% (24.5%-91.5%)	100% (84.6%-100%)	100% (47.8%-100%)	88%( 68.8%-97.5%)
Group3 40-49 years	.817 (.665-.968)	80% (44.4%-97.5%)	83.3%( 62.6%-95.3%)	66.7% (34.9%-90.1%)	90.9% (70.8%-98.9%)
Group4 50-59 years	.684( .548-.819)	64% (42.5% -82%)	72.7% (49.8%-89.3%)	72.7%( 49.8%-89.3%)	64% (42.5%-82%)
Group4 >60 years	.807( .693-.921)	93.3%( 68.1%-99.8%)	68%( 46.5%-85.1%)	63.6% (40.7%-82.8%)	94.4%( 72.7%-99.9%)
Cut off	2.0				
Whole cohort	.772 (.705-.839)	66.1%( 53%-77.7%)	88.2%( 80.4%-93.8%)	77.4%( 63.8%-87.7%)	81.1%( 72.5%-87.9%)
Group1 < 30 years	.625 (.38-.87)	25% (.631%-80.6%)	100%( 66.4%-100%)	100%( 2.5%-100%)	75%( 42.8%-94.5%)
Group2 30-39 years	.688 (.508 -.867)	37.5% (8.52%-75.5%)	100%( 84.6%-100%)	100% (29.2%-100%)	81.5% (61.9%-93.7%)
Group3 40-49 years	.817 (.665-.968)	80% (44.4%-97.5%)	83.3% (62.6%-95.3%)	66.7%( 34.9%-90.1%)	90.9%( 70.8%-98.9%)
Group4 50-59 years	.732( .609-.854)	60% (38.7%-78.9%)	86.4%( 65.1%-97.1%)	83.3% (58.6%-96.4%)	65.5%( 45.7%-82.1%)
Group4 >60 years	.867( .763-.97)	93.3% (68.1%-99.8%)	80%( 59.3%-93.2%)	73.7%( 48.8%-90.9%)	95.2%( 76.2%-99.9%)
Cut off	2.5				
Whole cohort	.74 (.673-.807)	54.8% (41.7%-67.5%)	93.1% (86.4%-97.2%)	82.9% (67.9%-92.8%)	77.2%( 68.8%-84.3%)
Group1 < 30 years	.625 (.38-.87)	25% (.631%-80.6%)	100%( 66.4%-100%)	100% (2.5%-100%)	75%( 42.8%-94.5%)
Group2 30-39 years	.688 (.508-.867)	37.5% (8.52%-75.5%)	100%( 84.6%-100%)	100% (29.2%-100%)	81.5% (61.9%-93.7%)
Group3 40-49 years	.658 (.489-.828)	40% (12.2%-73.8%)	91.7% (73%-99%)	66.7% (22.3%-95.7%)	78.6% (59%-91.7%)
Group4 50-59 years	.735( .618-.851)	56% (34.9%-75.6%)	90.9% (70.8% -98.9%)	87.5% (61.7%-98.4%)	64.5% (45.4%-80.8%)
Group4 >60 years	.84 (.717-.963)	80%( 51.9%-95.7%)	88%( 68.8%-97.5%)	80% (51.9%-95.7%)	88%( 68.8%-97.5%)
Cut off	3.5				



Whole cohort	.695 (.631-.759)	41.9%( 29.5%-55.2%)	97.1% (91.6%-99.4%)	89.7%( 72.6%-97.8%)	73.3% (65%-80.6%)
Group1 < 30 years					
Group2 30-39 years	.688 (.508-.867)	37.5%( 8.52%-75.5%)	100% (84.6%-100%)	100%( 29.2%-100%)	81.5% (61.9%-93.7%)
Group3 40-49 years	.65 (.5 -.8)	30% ( 6.67%- 65.2%)	100% (85.8%- 100%)	100% (29.2%- 100%)	77.4% (58.9%-90.4%)
Group4 50-59 years	.697 (.588-.806)	44% (24.4%-65.1%)	95.5%( 77.2%-99.9%)	91.7%( 61.5%-99.8%)	60% (42.1%-76.1%)
Group4 >60 years	.76 (.621-.899)	60%( 32.3%-83.7%)	92% (74% - 99%)	81.8% (48.2%-97.7%)	79.3% (60.3%-92%)