

Contrast Sensitivity at 18 cycles/degree

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	13.9	10.7	148	14.1	11.0	208	10.9	9.8	209	5.2	7.0	204	2.4	4.0	13	10.7	10.3	782
Female	15.4	11.1	158	14.3	11.5	196	7.6	8.1	190	4.4	6.9	179	2.0	3.9	12	10.2	10.6	735
Total	14.7	10.9	306	14.2	11.2	404	9.3	9.2	399	4.8	7.0	383	2.2	3.9	25	10.5	10.4	1517

4. Intraocular pressure

Intraocular pressure was measured three times for each eye with a noncontact tomometer (NIDEK NT-3000) between 9 and 12 AM. The mean value of the three measurements was used for analysis.

Intraocular Pressure - Right Eye (mmHg)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	13.63	2.25	149	13.22	2.85	209	12.97	2.66	212	12.57	2.62	205	11.24	2.44	14	13.03	2.66	789
Female	12.85	2.51	159	12.85	2.51	196	12.62	2.22	190	12.58	2.35	184	11.92	2.53	13	12.71	2.40	742
Total	13.23	2.42	308	13.04	2.70	405	12.80	2.46	402	12.58	2.49	389	11.57	2.46	27	12.87	2.54	1531

Intraocular Pressure - Left Eye (mmHg)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	13.49	2.32	149	13.28	2.94	209	12.81	2.48	213	12.67	2.74	205	11.07	2.02	14	12.99	2.67	790
Female	12.77	2.52	159	12.71	2.66	196	12.58	2.20	190	12.64	2.79	186	11.94	2.63	13	12.66	2.55	744
Total	13.11	2.45	308	13.00	2.82	405	12.70	2.35	403	12.65	2.76	391	11.49	2.33	27	12.83	2.62	1534

5. Quantitative test of lens opacity

Scheimpflug images were recorded and analyzed with an anterior eye segment analysis system (NIDEK EAS-1000) version 3.05. The light scattering intensity, as an indicator of lens transparency, was evaluated from the slit images using the method of peak densitometry.

Anterior Cortex Opacification - Right Eye (scattering intensity)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	79.3	20.0	149	113.3	30.9	204	139.8	34.6	205	154.0	37.5	183	149.4	31.2	10	124.2	41.7	751
Female	76.2	19.0	158	103.4	28.4	195	138.0	36.4	185	156.6	38.2	156	156.1	28.1	7	118.8	43.5	701
Total	77.7	19.6	307	108.4	30.1	399	138.9	35.4	390	155.2	37.8	339	152.2	29.2	17	121.6	42.6	1452

Anterior Cortex Opacification - Left Eye (scattering intensity)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	84.8	23.2	149	118.0	32.6	205	145.4	35.0	204	163.0	41.8	178	156.4	43.1	11	130.1	44.2	747
Female	78.7	19.0	157	108.1	30.4	194	145.5	41.5	185	164.6	39.6	159	152.9	37.0	7	124.6	46.7	702
Total	81.7	21.3	306	113.2	31.9	399	145.4	38.2	389	163.8	40.7	337	155.0	39.7	18	127.5	45.5	1449

Anterior Nuclear Opacification - Right Eye (scattering intensity)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	47.1	7.8	148	60.7	11.4	193	78.0	21.9	179	97.6	29.0	143	104.1	17.4	8	70.7	26.3	671
Female	48.3	10.1	155	61.8	12.6	187	76.6	16.0	158	96.0	22.1	125	103.3	17.0	6	69.4	22.9	631
Total	47.7	9.0	303	61.2	12.0	380	77.3	19.3	337	96.9	26.0	268	103.8	16.5	14	70.0	24.7	1302

Anterior Nuclear Opacification - Left Eye (scattering intensity)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	48.0	8.2	142	63.6	15.5	189	79.1	21.1	162	99.3	26.6	123	116.6	29.1	7	71.7	26.2	623
Female	49.1	9.1	150	63.9	12.0	182	77.6	18.1	148	98.5	22.6	106	139.0	23.1	3	70.2	23.4	589
Total	48.6	8.7	292	63.7	13.9	371	78.4	19.7	310	99.0	24.8	229	123.3	28.3	10	71.0	24.9	1212

6. Retinal camera

Fundus photographs were taken with Topcon fundus camera (TRC-NW5S) at 20 and 45 degree angles for each eye without pupil dilatation.

Diabetic retinopathy, Arteriosclerosis, and macular degeneration were assessed on the photograph at 55 degree angles.

Vertical cup to disc ratio was measured on the photograph at 20 degree angles.

Cup-Disc Ratio of Optic Disc - Right Eye

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.37	0.12	149	0.37	0.12	205	0.38	0.13	210	0.40	0.14	195	0.31	0.08	12	0.38	0.13	771
Female	0.35	0.11	158	0.36	0.12	194	0.38	0.14	187	0.37	0.12	176	0.38	0.16	11	0.37	0.12	726
Total	0.36	0.12	307	0.37	0.12	399	0.38	0.13	397	0.39	0.13	371	0.35	0.13	23	0.37	0.13	1497

Cup-Disc Ratio of Optic Disc - Left Eye

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.37	0.13	149	0.37	0.13	205	0.38	0.13	211	0.39	0.14	196	0.30	0.07	13	0.38	0.13	774
Female	0.35	0.12	158	0.36	0.11	194	0.38	0.13	188	0.37	0.12	178	0.39	0.15	11	0.37	0.12	729
Total	0.36	0.12	307	0.37	0.12	399	0.38	0.13	399	0.38	0.13	374	0.35	0.12	24	0.37	0.13	1503

Diabetic Retinopathy - Right Eye

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80 - yr		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
not recorded	Male	-	-	2	1.0	1	0.5	-	-	-	-	3	0.4
	Female	-	-	-	-	-	-	4	2.1	-	-	4	0.5
	Total	-	-	2	0.5	1	0.2	4	1.0	-	-	7	0.5
nothing	Male	148	99.3	202	96.7	203	95.3	193	94.1	12	85.7	758	95.9
	Female	157	98.7	193	98.5	184	96.8	171	91.4	11	84.6	716	96.1
	Total	305	99.0	395	97.5	387	96.0	364	92.9	23	85.2	1474	96.0
simple	Male	-	-	1	0.5	2	0.9	-	-	-	-	3	0.4
	Female	1	0.6	1	0.5	1	0.5	1	0.5	-	-	4	0.5
	Total	1	0.3	2	0.5	3	0.7	1	0.3	-	-	7	0.5
preproliferative	Male	1	0.7	-	-	1	0.5	-	-	-	-	2	0.3
	Female	-	-	-	-	-	-	1	0.5	-	-	1	0.1
	Total	1	0.3	-	-	1	0.2	1	0.3	-	-	3	0.2
invisible	Male	-	-	4	1.9	6	2.8	12	5.9	2	14.3	24	3.0
	Female	1	0.6	2	1.0	5	2.6	10	5.3	2	15.4	20	2.7
	Total	1	0.3	6	1.5	11	2.7	22	5.6	4	14.8	44	2.9

Diabetic Retinopathy - Left Eye

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80 - yr		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
not recorded	Male	-	-	2	1.0	1	0.5	-	-	-	-	3	0.4
	Female	-	-	-	-	-	-	4	2.1	-	-	4	0.5
	Total	-	-	2	0.5	1	0.2	4	1.0	-	-	7	0.5
nothing	Male	148	99.3	204	97.6	206	96.7	194	94.6	13	92.9	765	96.8
	Female	157	98.7	193	98.5	185	97.4	176	94.1	10	76.9	721	96.8
	Total	305	99.0	397	98.0	391	97.0	370	94.4	23	85.2	1486	96.8
simple	Male	-	-	1	0.5	2	0.9	-	-	-	-	3	0.4
	Female	-	-	1	0.5	1	0.5	1	0.5	-	-	3	0.4
	Total	-	-	2	0.5	3	0.7	1	0.3	-	-	6	0.4
preproliferative	Male	1	0.7	-	-	1	0.5	-	-	-	-	2	0.3
	Female	-	-	-	-	-	-	1	0.5	-	-	1	0.1
	Total	1	0.3	-	-	1	0.2	1	0.3	-	-	3	0.2
invisible	Male	-	-	2	1.0	3	1.4	11	5.4	1	7.1	17	2.2
	Female	2	1.3	2	1.0	4	2.1	5	2.7	3	23.1	16	2.1
	Total	2	0.6	4	1.0	7	1.7	16	4.1	4	14.8	33	2.1

Arteriosclerosis (Keith-Wagener) - Right Eye

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80 - yr		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
not recorded	Male	-	-	2	1.0	1	0.5	-	-	-	-	3	0.4
	Female	-	-	-	-	-	-	4	2.1	-	-	4	0.5
	Total	-	-	2	0.5	1	0.2	4	1.0	-	-	7	0.5
nothing	Male	96	64.4	61	29.2	38	17.8	9	4.4	1	7.1	205	25.9
	Female	103	64.8	77	39.3	30	15.8	14	7.5	-	-	224	30.1
	Total	199	64.6	138	34.1	68	16.9	23	5.9	1	3.7	429	27.9
K-W I	Male	51	34.2	118	56.5	127	59.6	113	55.1	6	42.9	415	52.5
	Female	52	32.7	102	52.0	105	55.3	94	50.3	3	23.1	356	47.8
	Total	103	33.4	220	54.3	232	57.6	207	52.8	9	33.3	771	50.2
K-W IIa	Male	2	1.3	20	9.6	33	15.5	59	28.8	5	35.7	119	15.1
	Female	2	1.3	12	6.1	43	22.6	50	26.7	6	46.2	113	15.2
	Total	4	1.3	32	7.9	76	18.9	109	27.8	11	40.7	232	15.1
K-W IIb	Male	-	-	5	2.4	8	3.8	11	5.4	-	-	24	3.0
	Female	-	-	2	1.0	7	3.7	15	8.0	2	15.4	26	3.5
	Total	-	-	7	1.7	15	3.7	26	6.6	2	7.4	50	3.3
K-W III	Male	-	-	-	-	1	0.5	2	1.0	-	-	3	0.4
	Female	1	0.6	-	-	-	-	-	-	-	-	1	0.1
	Total	1	0.3	-	-	1	0.2	2	0.5	-	-	4	0.3
invisible	Male	-	-	3	1.4	5	2.3	11	5.4	2	14.3	21	2.7
	Female	1	0.6	3	1.5	5	2.6	10	5.3	2	15.4	21	2.8
	Total	1	0.3	6	1.5	10	2.5	21	5.4	4	14.8	42	2.7

Arteriosclerosis (Keith-Wagener) - Left Eye

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80 - yr		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
not recorded	Male	-	-	2	1.0	-	-	-	-	-	-	2	0.3
	Female	-	-	-	-	-	-	4	2.1	-	-	4	0.5
	Total	-	-	2	0.5	-	-	4	1.0	-	-	6	0.4
nothing	Male	94	63.1	59	28.2	36	16.9	10	4.9	1	7.1	200	25.3
	Female	102	64.2	77	39.3	31	16.3	15	8.0	-	-	225	30.2
	Total	196	63.6	136	33.6	67	16.6	25	6.4	1	3.7	425	27.7
K-W I	Male	53	35.6	122	58.4	132	62.0	119	58.0	7	50.0	433	54.8
	Female	53	33.3	103	52.6	105	55.3	97	51.9	3	23.1	361	48.5
	Total	106	34.4	225	55.6	237	58.8	216	55.1	10	37.0	794	51.7
K-W II a	Male	2	1.3	18	8.6	34	16.0	55	26.8	5	35.7	114	14.4
	Female	2	1.3	11	5.6	45	23.7	50	26.7	6	46.2	114	15.3
	Total	4	1.3	29	7.2	79	19.6	105	26.8	11	40.7	228	14.9
K-W II b	Male	-	-	7	3.3	8	3.8	9	4.4	-	-	24	3.0
	Female	1	0.6	2	1.0	6	3.2	15	8.0	1	7.7	25	3.4
	Total	1	0.3	9	2.2	14	3.5	24	6.1	1	3.7	49	3.2
K-W III	Male	-	-	-	-	-	-	1	0.5	-	-	1	0.1
	Female	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	1	0.3	-	-	1	0.1
invisible	Male	-	-	1	0.5	3	1.4	11	5.4	1	7.1	16	2.0
	Female	1	0.6	3	1.5	3	1.6	6	3.2	3	23.1	16	2.1
	Total	1	0.3	4	1.0	6	1.5	17	4.3	4	14.8	32	2.1

Macular Degeneration - Right Eye

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80 - yr		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
not recorded	Male	-	-	2	1.0	1	0.5	-	-	-	-	3	0.4
	Female	-	-	1	0.5	-	-	4	2.1	-	-	5	0.7
	Total	-	-	3	0.7	1	0.2	4	1.0	-	-	8	0.5
nothing	Male	146	98.0	193	92.3	193	90.6	183	89.3	11	78.6	726	91.9
	Female	157	98.7	189	96.4	170	89.5	154	82.4	9	69.2	679	91.1
	Total	303	98.4	382	94.3	363	90.1	337	86.0	20	74.1	1405	91.5
drusen	Male	1	0.7	3	1.4	4	1.9	3	1.5	1	7.1	12	1.5
	Female	1	0.6	-	-	2	1.1	9	4.8	1	7.7	13	1.7
	Total	2	0.6	3	0.7	6	1.5	12	3.1	2	7.4	25	1.6
atrophic change	Male	-	-	2	1.0	2	0.9	-	-	-	-	4	0.5
	Female	-	-	1	0.5	1	0.5	2	1.1	-	-	4	0.5
	Total	-	-	3	0.7	3	0.7	2	0.5	-	-	8	0.5
exudative change	Male	-	-	-	-	-	-	1	0.5	-	-	1	0.1
	Female	-	-	-	-	1	0.5	1	0.5	1	7.7	3	0.4
	Total	-	-	-	-	1	0.2	2	0.5	1	3.7	4	0.3
epiretinal membrane	Male	1	0.7	1	0.5	2	0.9	2	1.0	-	-	6	0.8
	Female	-	-	1	0.5	4	2.1	3	1.6	-	-	8	1.1
	Total	1	0.3	2	0.5	6	1.5	5	1.3	-	-	14	0.9
others	Male	-	-	1	0.5	2	0.9	1	0.5	-	-	4	0.5
	Female	-	-	-	-	1	0.5	1	0.5	-	-	2	0.3
	Total	-	-	1	0.2	3	0.7	2	0.5	-	-	6	0.4
invisible	Male	1	0.7	7	3.3	9	4.2	15	7.3	2	14.3	34	4.3
	Female	1	0.6	4	2.0	11	5.8	13	7.0	2	15.4	31	4.2
	Total	2	0.6	11	2.7	20	5.0	28	7.1	4	14.8	65	4.2

Macular Degeneration - Left Eye

		40 - 49yr		50 - 59yr		60 - 69yr		70 - 79yr		80 - yr		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
not recorded	Male	-	-	2	1.0	-	-	-	-	-	-	2	0.3
	Female	-	-	-	-	-	-	4	2.1	-	-	4	0.5
	Total	-	-	2	0.5	-	-	4	1.0	-	-	6	0.4
nothing	Male	146	98.0	200	95.7	193	90.6	183	89.3	13	92.9	735	93.0
	Female	153	96.2	192	98.0	170	89.5	165	88.2	7	53.8	687	92.2
	Total	299	97.1	392	96.8	363	90.1	348	88.8	20	74.1	1422	92.6
drusen	Male	1	0.7	2	1.0	3	1.4	3	1.5	-	-	9	1.1
	Female	-	-	-	-	2	1.1	4	2.1	-	-	6	0.8
	Total	1	0.3	2	0.5	5	1.2	7	1.8	-	-	15	1.0
atrophic change	Male	-	-	1	0.5	1	0.5	1	0.5	-	-	3	0.4
	Female	-	-	-	-	-	-	1	0.5	-	-	1	0.1
	Total	-	-	1	0.2	1	0.2	2	0.5	-	-	4	0.3
exudative change	Male	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	1	0.5	-	-	1	7.7	2	0.3
	Total	-	-	-	-	1	0.2	-	-	1	3.7	2	0.1
epiretinal membrane	Male	-	-	-	-	1	0.5	1	0.5	-	-	2	0.3
	Female	-	-	-	-	2	1.1	-	-	1	7.7	3	0.4
	Total	-	-	-	-	3	0.7	1	0.3	1	3.7	5	0.3
others	Male	-	-	1	0.5	-	-	-	-	-	-	1	0.1
	Female	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	-	1	0.2	-	-	-	-	-	-	1	0.1
invisible	Male	2	1.3	3	1.4	15	7.0	17	8.3	1	7.1	38	4.8
	Female	6	3.8	4	2.0	15	7.9	13	7.0	4	30.8	42	5.6
	Total	8	2.6	7	1.7	30	7.4	30	7.7	5	18.5	80	5.2

7. Cornea

Corneal thickness and endothelial cell density were obtained with the Topcon SP-2000 specular microscope.

Central Corneal Thickness - Right Eye (mm)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.5166	.0309	149	0.5239	.0351	207	0.5155	.0300	211	0.5152	.0349	205	0.4930	.0378	14	0.5174	.0333	786
Female	0.5064	.0302	157	0.5107	.0347	196	0.5141	.0315	190	0.5114	.0299	183	0.4972	.0316	13	0.5106	.0318	739
Total	0.5113	.0309	306	0.5175	.0355	403	0.5148	.0307	401	0.5134	.0327	388	0.4950	.0344	27	0.5141	.0327	1525

Central Corneal Thickness - Left Eye (mm)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.5206	.0312	149	0.5268	.0346	207	0.5200	.0287	212	0.5183	.0349	201	0.5029	.0312	14	0.5212	.0327	783
Female	0.5103	.0295	159	0.5149	.0352	196	0.5201	.0322	188	0.5165	.0304	184	0.5068	.0272	13	0.5155	.0321	740
Total	0.5153	.0307	308	0.5211	.0354	403	0.5200	.0303	400	0.5174	.0328	385	0.5048	.0289	27	0.5184	.0325	1523

Corneal Endothelial Cell Density - Right Eye (/mm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	2726.2	277.3	139	2750.0	326.7	196	2638.9	344.2	200	2614.8	404.9	191	2539.0	299.9	12	2677.0	349.0	738
Female	2698.4	273.8	136	2643.7	330.0	183	2592.6	353.6	176	2570.8	406.4	171	2390.9	306.5	13	2618.2	350.3	679
Total	2712.5	275.4	275	2698.7	332.1	379	2617.2	348.9	376	2594.0	405.6	362	2462.0	306.4	25	2648.8	350.7	1417

Corneal Endothelial Cell Density - Left Eye (/mm²)

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80 - yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	2741.5	280.9	142	2760.4	350.2	195	2657.8	338.8	188	2619.6	413.1	188	2550.8	230.0	14	2689.7	355.5	727
Female	2681.9	267.6	144	2674.4	333.9	183	2621.9	365.3	171	2581.4	376.6	173	2292.9	331.2	12	2632.6	345.4	683
Total	2711.5	275.4	286	2718.8	344.7	378	2640.7	351.6	359	2601.3	396.0	361	2431.8	304.9	26	2662.0	351.7	1410

Auditory system

1. Pure-tone audiometry (Audiometer RION AA-73A)

Air conduction threshold of right ear at 125Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	20.9	7.5	159	25.3	10.3	196	28.3	12.2	190	34.3	13.6	186	38.1	19.0	13	27.6	12.4	744
Male	20.1	6.4	149	24.5	11.2	209	26.5	10.0	213	30.2	13.5	205	33.6	13.4	14	25.9	11.4	790
Total	20.6	7.0	308	24.9	10.8	405	27.4	11.1	403	32.1	13.7	391	35.7	16.2	27	26.7	11.9	1534

Air conduction threshold of right ear at 250Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	16.2	6.4	159	20.6	11.7	196	24.1	13.6	190	30.2	14.4	186	29.6	16.6	13	23.1	13.2	744
Male	15.9	6.0	149	20.3	12.5	209	21.8	11.0	213	27.0	15.9	205	26.8	13.7	14	21.7	12.8	790
Total	16.1	6.2	308	20.5	12.1	405	22.9	12.4	403	28.5	15.3	391	28.1	14.9	27	22.4	13.0	1534

Air conduction threshold of right ear at 500Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	12.5	6.3	159	16.3	12.3	196	21.2	14.5	190	28.1	15.2	186	26.5	17.1	13	19.9	14.0	744
Male	12.3	6.3	149	16.7	13.0	209	18.7	11.5	213	24.9	16.4	205	25.7	15.2	14	18.7	13.4	790
Total	12.4	6.3	308	16.5	12.6	405	19.9	13.0	403	26.4	15.9	391	26.1	15.8	27	19.3	13.7	1534

Air conduction threshold of right ear at 1000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	8.9	7.0	159	13.2	12.2	196	17.9	15.1	190	25.5	16.4	186	28.1	15.8	13	16.8	14.7	744
Male	9.5	8.2	149	14.2	12.9	209	18.2	13.1	213	25.9	18.1	205	32.9	13.3	14	17.7	15.1	790
Total	9.2	7.6	308	13.7	12.6	405	18.1	14.0	403	25.7	17.3	391	30.6	14.4	27	17.3	14.9	1534

Air conduction threshold of right ear at 2000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	11.1	7.1	159	16.6	12.2	196	23.1	14.7	190	31.4	16.2	186	36.9	18.5	13	21.1	15.3	744
Male	13.1	10.3	149	18.0	13.1	209	25.5	16.1	213	35.4	18.5	205	47.9	17.0	14	24.2	17.4	790
Total	12.1	8.8	308	17.3	12.6	405	24.4	15.5	403	33.5	17.5	391	42.6	18.3	27	22.7	16.5	1534

Air conduction threshold of right ear at 4000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	11.2	9.5	159	15.9	13.1	196	25.7	17.8	190	35.4	18.8	186	45.8	25.6	13	22.8	18.3	744
Male	17.2	13.8	149	27.8	19.0	209	36.3	18.8	213	51.5	18.3	205	61.1	23.5	14	34.9	21.9	790
Total	14.1	12.2	308	22.1	17.4	405	31.3	19.0	403	43.8	20.2	391	53.7	25.3	27	29.0	21.1	1534

Air conduction threshold of right ear at 8000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	18.2	12.5	159	28.3	17.7	196	41.4	20.1	190	59.6	21.9	186	70.0	24.5	13	38.0	24.3	744
Male	23.1	16.2	149	35.0	19.9	209	48.0	20.2	213	66.1	19.2	205	76.4	18.2	14	45.1	24.8	790
Total	20.6	14.6	308	31.8	19.1	405	44.9	20.4	403	63.0	20.7	391	73.3	21.3	27	41.7	24.8	1534

Bone conduction threshold of right ear at 250Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	15.5	6.0	111	18.6	7.9	110	20.4	8.2	120	28.0	11.5	112	25.5	9.3	10	20.8	9.8	463
Male	16.2	6.0	91	18.3	7.4	120	21.7	9.4	134	24.6	11.3	121	22.5	11.4	10	20.6	9.5	476
Total	15.8	6.0	202	18.5	7.6	230	21.1	8.8	254	26.3	11.5	233	24.0	10.2	20	20.7	9.6	939

Bone conduction threshold of right ear at 500Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	11.5	6.4	111	14.1	8.1	110	17.9	9.4	120	25.0	12.8	112	21.0	9.4	10	17.3	10.7	463
Male	12.1	6.4	91	14.0	9.1	120	17.4	10.3	134	21.5	12.8	121	22.0	13.8	10	16.7	10.8	476
Total	11.8	6.4	202	14.1	8.6	230	17.6	9.9	254	23.2	12.9	233	21.5	11.5	20	17.0	10.7	939

Bone conduction threshold of right ear at 1000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	9.3	7.7	111	12.3	9.0	110	17.2	10.6	120	24.2	12.8	112	25.5	11.9	10	16.0	11.7	463
Male	9.7	6.3	91	12.1	8.9	120	16.8	12.9	134	22.6	14.7	121	29.0	9.7	10	16.0	12.5	476
Total	9.5	7.1	202	12.2	8.9	230	17.0	11.8	254	23.4	13.8	233	27.3	10.7	20	16.0	12.1	939

Bone conduction threshold of right ear at 2000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	11.3	7.9	111	16.1	9.4	110	21.8	12.2	120	29.4	14.4	112	35.0	15.5	10	20.1	13.3	463
Male	12.4	6.9	91	15.8	10.3	120	24.7	15.2	134	31.2	16.1	121	42.5	15.7	10	22.1	15.2	476
Total	11.8	7.4	202	15.9	9.8	230	23.3	13.9	254	30.3	15.3	233	38.8	15.6	20	21.1	14.3	939

Bone conduction threshold of right ear at 4000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	10.8	8.2	111	14.3	9.0	110	23.0	14.6	120	33.1	15.9	112	38.5	19.2	10	20.8	15.4	463
Male	17.8	11.8	91	26.2	15.9	120	33.9	16.3	134	45.8	15.7	121	50.5	16.7	10	32.3	18.3	476
Total	14.0	10.6	202	20.5	14.3	230	28.8	16.4	254	39.7	17.0	233	44.5	18.6	20	26.6	17.9	939

Air conduction threshold of left ear at 125Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	20.4	8.5	159	23.7	10.0	196	26.4	11.5	190	33.2	13.3	186	36.5	16.5	13	26.3	12.1	744
Male	19.4	8.6	149	23.5	12.3	209	25.7	12.0	213	29.2	13.1	205	37.9	17.7	14	25.0	12.5	790
Total	19.9	8.5	308	23.6	11.3	405	26.0	11.8	403	31.1	13.3	391	37.2	16.8	27	25.6	12.3	1534

Air conduction threshold of left ear at 250Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	15.3	9.7	159	18.6	11.0	196	21.7	13.4	190	28.3	14.7	186	29.2	14.8	13	21.3	13.4	744
Male	14.7	8.3	149	19.2	13.7	209	20.8	12.7	212	25.5	15.4	205	32.1	19.7	14	20.6	13.7	789
Total	15.0	9.0	308	18.9	12.5	405	21.2	13.0	402	26.9	15.1	391	30.7	17.2	27	21.0	13.6	1533

Air conduction threshold of left ear at 500Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	12.1	10.0	159	15.2	11.2	196	19.8	13.4	190	26.2	15.0	186	28.1	14.7	13	18.7	13.7	744
Male	12.0	8.9	149	16.7	14.5	209	19.3	14.9	213	24.7	15.8	205	28.9	17.0	14	18.8	14.8	790
Total	12.1	9.4	308	16.0	13.0	405	19.6	14.2	403	25.4	15.4	391	28.5	15.6	27	18.8	14.3	1534

Air conduction threshold of left ear at 1000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	9.2	10.7	159	11.6	12.2	196	17.8	15.6	190	25.0	15.8	186	27.3	13.5	13	16.3	15.1	744
Male	11.2	8.7	149	15.7	15.2	209	20.0	16.0	213	27.2	19.2	205	37.5	16.7	14	19.4	16.8	790
Total	10.2	9.8	308	13.7	14.0	405	19.0	15.8	403	26.2	17.7	391	32.6	15.8	27	17.9	16.1	1534

Air conduction threshold of left ear at 2000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	13.4	11.3	159	17.7	12.7	196	25.5	16.4	190	32.8	16.3	186	40.8	17.2	13	23.0	16.3	744
Male	15.2	10.1	149	20.8	14.9	209	29.8	19.1	213	39.0	19.3	205	50.7	21.0	14	27.4	19.1	790
Total	14.3	10.7	308	19.3	13.9	405	27.7	18.0	403	36.1	18.2	391	45.9	19.6	27	25.3	17.9	1534

Air conduction threshold of left ear at 4000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	10.9	11.1	159	16.4	13.4	196	26.4	18.4	190	36.3	19.5	186	45.8	22.1	13	23.3	19.0	744
Male	17.4	12.6	149	29.8	19.3	209	38.6	19.7	213	53.4	17.0	205	62.9	15.3	14	36.5	21.9	790
Total	14.0	12.3	308	23.3	18.0	405	32.8	20.0	403	45.3	20.1	391	54.6	20.4	27	30.1	21.6	1534

Air conduction threshold of left ear at 8000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	15.2	12.5	159	27.5	19.0	196	39.6	20.6	190	57.8	20.4	186	67.7	26.7	13	36.2	24.6	744
Male	20.5	13.1	149	34.2	21.9	209	49.0	21.3	213	65.9	17.8	205	71.1	18.8	14	44.5	25.4	790
Total	17.7	13.1	308	31.0	20.8	405	44.6	21.5	403	62.1	19.5	391	69.4	22.6	27	40.5	25.3	1534

Bone conduction threshold of left ear at 250Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	14.8	5.2	110	18.4	7.3	125	20.6	8.6	116	26.2	10.6	130	34.3	17.9	7	20.4	9.5	488
Male	15.5	5.3	98	18.1	7.4	145	20.4	9.5	138	25.0	10.8	133	31.1	13.6	9	20.2	9.5	523
Total	15.1	5.3	208	18.3	7.3	270	20.5	9.1	254	25.6	10.7	263	32.5	15.2	16	20.3	9.5	1011

Bone conduction threshold of left ear at 500Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	12.1	6.3	110	14.8	7.5	125	19.2	8.7	116	24.7	11.9	131	33.6	16.0	7	18.2	10.4	489
Male	11.3	5.8	98	15.7	7.6	145	18.4	10.2	138	23.9	12.0	133	31.1	13.9	9	17.9	10.5	523
Total	11.7	6.1	208	15.3	7.5	270	18.7	9.6	254	24.3	11.9	264	32.2	14.4	16	18.0	10.5	1012

Bone conduction threshold of left ear at 1000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	8.3	6.5	110	11.4	8.9	125	16.4	9.8	116	23.5	13.7	131	30.7	15.1	7	15.4	11.9	489
Male	9.8	6.7	98	12.7	8.9	145	17.7	12.3	138	24.6	15.2	133	36.1	18.0	9	16.9	13.0	523
Total	9.0	6.6	208	12.1	8.9	270	17.1	11.2	254	24.1	14.4	264	33.8	16.5	16	16.2	12.5	1012

Bone conduction threshold of left ear at 2000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	12.7	7.2	110	18.1	10.1	125	24.3	11.5	116	31.4	14.3	131	43.6	18.9	7	22.3	13.5	489
Male	15.3	8.7	98	18.9	9.9	145	27.4	14.6	138	37.6	16.3	133	50.0	22.9	9	25.7	15.9	523
Total	13.9	8.0	208	18.5	10.0	270	26.0	13.3	254	34.5	15.6	264	47.2	20.8	16	24.1	14.9	1012

Bone conduction threshold of left ear at 4000Hz (dBHL)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	10.1	6.8	110	15.9	10.6	125	23.6	13.2	116	32.7	16.1	131	46.4	22.9	7	21.3	15.4	489
Male	14.8	12.4	98	25.9	14.5	145	34.7	16.6	138	47.9	13.3	133	56.1	12.9	9	32.3	18.7	523
Total	12.3	10.1	208	21.3	13.8	270	29.6	16.1	254	40.3	16.6	264	51.9	18.0	16	27.0	18.0	1012

2. Impedance Audiometry

Tympanometric peak pressure in the single frequency tympanogram at 226Hz for right ear (daPa)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	0.9	17.2	79	1.1	26.8	89	-9.9	43.4	96	-4.7	33.4	78	2.8	9.4	9	-3.2	32.1	351
Male	0.6	31.7	71	-0.5	22.8	93	-4.1	34.9	106	-2.7	30.9	99	-1.4	15.5	7	-1.9	30.2	376
Total	0.8	25.0	150	0.3	24.8	182	-6.9	39.2	202	-3.6	32.0	177	0.9	12.1	16	-2.5	31.1	727

Static compliance in the single frequency tympanogram at 226Hz for right ear (ml)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	0.63	0.37	79	0.86	0.91	89	0.69	0.53	96	0.58	0.50	78	0.87	0.80	9	0.70	0.63	351
Male	0.88	0.74	71	1.18	1.10	93	1.10	1.08	106	0.99	1.29	99	1.33	1.36	7	1.05	1.10	376
Total	0.75	0.59	150	1.03	1.02	182	0.91	0.89	202	0.81	1.04	177	1.07	1.07	16	0.88	0.92	727

Tympanometric peak pressure in the single frequency tympanogram at 226Hz for left ear (daPa).

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	5.2	7.9	79	2.5	16.7	104	-1.2	26.3	89	-6.0	34.6	101	3.3	7.6	3	-0.1	24.3	376
Male	2.8	14.8	78	2.4	19.0	114	-1.5	26.2	105	-3.0	33.3	99	-10.8	61.3	6	-0.0	25.4	402
Total	4.0	11.8	157	2.5	17.9	218	-1.3	26.2	194	-4.5	33.9	200	-6.1	49.1	9	-0.1	24.9	778

Static compliance in the single frequency tympanogram at 226Hz for left ear (ml)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	0.60	0.41	79	0.72	0.61	104	0.67	0.58	89	0.58	0.49	101	0.57	0.21	3	0.65	0.53	376
Male	0.91	0.76	78	0.89	0.77	114	0.95	0.72	105	0.93	0.80	99	0.45	0.20	6	0.92	0.76	402
Total	0.76	0.62	157	0.81	0.70	218	0.82	0.67	194	0.76	0.69	200	0.49	0.20	9	0.79	0.67	778

Middle ear resonance frequency for right ear (Hz)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	841.8	253.5	79	869.5	216.7	87	881.5	264.3	92	916.4	214.7	73	1018.8	198.1	8	879.9	239.4	339
Male	831.2	194.6	69	811.1	231.6	90	838.6	242.0	101	774.2	220.9	93	850.0	278.4	7	813.9	226.4	360
Total	836.8	227.3	148	839.8	225.7	177	859.1	253.1	193	836.7	228.8	166	940.0	245.8	15	845.9	235.0	699

Middle ear resonance frequency for left ear (Hz)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Female	863.8	229.7	76	859.4	252.7	101	863.8	244.9	87	858.8	244.8	97	1066.7	125.8	3	862.9	242.9	364
Male	828.6	174.8	77	847.3	218.8	111	844.8	215.8	105	859.7	229.9	88	766.7	275.1	6	844.4	212.8	387
Total	846.1	204.0	153	853.1	235.0	212	853.4	229.0	192	859.2	237.2	185	866.7	271.6	9	853.4	227.9	751

1. Distortion product otoacoustic emission (Otoacoustic Distortion Product Analyser, IL092(F) Otodynamics)

2f1-f2 DPOAEs were measured by ILO 92 with the following parameters for the DP-gram: ratio of primary tones f2 / f1 =1.2 ; stimulus intensity of primary tones F1 =70dB SPL and F2 =70dB SPL. DP-gram were recorded in 8 points/octave over a frequency range of the f2 which extended from 1001 to 6165 Hz. In this manner, 22 points in total were measured.

DP amplitudes above the noise floor at seven f2 frequencies (f2 =1001, 1416, 2002, 3088, 4004, 5652 and 6165) were analyzed by age groups.

DP amplitudes above the noise floor at f2=1001 Hz

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	6.5	7.0	114	3.8	7.4	192	2.1	7.5	199	-0.4	7.1	182	-2.4	6.1	12	2.6	7.6	699
Female	6.7	7.3	123	4.9	8.1	189	2.1	6.9	180	-0.9	7.4	174	-1.7	8.1	11	2.9	8.0	677
Total	6.6	7.2	237	4.4	7.7	381	2.1	7.2	379	-0.6	7.3	356	-2.1	7.0	23	2.7	7.8	1376

DP amplitudes above the noise floor at f2=1416 Hz

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	11.8	7.1	114	9.5	7.4	192	7.5	8.7	199	4.3	9.0	182	3.5	11.1	12	7.8	8.6	699
Female	12.0	6.8	123	10.3	7.8	189	8.1	7.6	180	4.7	7.8	174	2.5	10.4	11	8.4	8.1	677
Total	11.9	6.9	237	9.9	7.6	381	7.8	8.2	379	4.5	8.4	356	3.0	10.5	23	8.1	8.4	1376

DP amplitudes above the noise floor at f2=2002 Hz

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	10.7	6.8	114	9.3	7.7	192	5.9	10.0	199	3.6	10.2	182	-0.7	16.0	12	6.9	9.6	699
Female	12.9	7.5	123	10.2	8.1	189	8.5	8.5	180	6.8	8.5	174	0.4	7.1	11	9.2	8.5	677
Total	11.8	7.3	237	9.7	7.9	381	7.1	9.4	379	5.1	9.5	356	-0.2	12.3	23	8.0	9.1	1376

DP amplitudes above the noise floor at f2=3088 Hz

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	10.2	7.6	114	7.2	9.2	192	4.2	8.7	199	0.4	8.7	182	-0.5	9.5	12	4.9	9.3	699
Female	13.2	7.7	123	8.2	8.2	189	7.5	8.2	180	3.6	8.7	174	-1.6	5.2	11	7.6	8.9	677
Total	11.7	7.8	237	7.7	8.7	381	5.8	8.6	379	2.0	8.9	356	-1.0	7.6	23	6.2	9.2	1376

DP amplitudes above the noise floor at f2=4004 Hz

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	12.4	7.9	114	7.9	10.0	192	3.9	10.1	199	-1.8	9.1	182	-0.8	8.6	12	4.8	10.6	699
Female	16.0	7.2	123	10.5	8.6	189	7.5	10.0	180	2.8	9.8	174	-0.9	8.3	11	8.6	10.2	677
Total	14.3	7.8	237	9.2	9.4	381	5.6	10.2	379	0.4	9.7	356	-0.9	8.3	23	6.7	10.6	1376

DP amplitudes above the noise floor at f2=5652 Hz

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	11.8	10.4	114	6.8	10.3	192	2.5	9.4	199	-3.5	8.3	182	-4.5	5.4	12	3.5	10.9	699
Female	17.3	8.6	123	13.1	9.8	189	8.3	11.3	180	2.1	11.4	174	-2.6	8.6	11	9.5	11.8	677
Total	14.7	9.9	237	9.9	10.6	381	5.2	10.7	379	-0.7	10.3	356	-3.6	7.0	23	6.5	11.7	1376

DP amplitudes above the noise floor at f2=6165 Hz

	40 - 49yr			50 - 59yr			60 - 69yr			70 - 79yr			80yr -			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	10.6	9.4	114	6.5	9.0	192	1.1	9.8	199	-5.5	30.6	182	-4.9	5.1	12	2.3	18.4	699
Female	15.0	10.3	123	11.1	9.5	189	6.3	10.4	180	0.7	10.5	174	-3.6	4.4	11	7.6	11.4	677
Total	12.9	10.1	237	8.8	9.5	381	3.6	10.4	379	-2.5	23.2	356	-4.3	4.7	23	4.9	15.6	1376

3. Stabilometry (NEC corp.)

Stabilometry - out around area with eyes open (cm²)

	40-49yr			50-59yr			60-69yr			70-79yr			80-yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	2.23	1.24	147	2.29	1.13	208	2.84	2.49	211	3.50	2.52	203	3.24	1.74	14	2.76	2.06	783
Female	1.85	0.83	159	2.05	0.88	196	2.52	1.19	190	2.78	1.89	181	3.34	1.75	13	2.33	1.33	739
Total	2.03	1.06	306	2.17	1.02	404	2.69	1.98	401	3.16	2.27	384	3.29	1.71	27	2.55	1.76	1522

Stabilometry - total power spectram X with eyes open (cm²)

	40-49yr			50-59yr			60-69yr			70-79yr			80-yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.26	0.17	147	0.26	0.21	208	0.35	0.54	211	0.40	0.28	203	0.37	0.28	14	0.32	0.35	783
Female	0.22	0.16	159	0.23	0.12	196	0.28	0.17	190	0.31	0.20	181	0.42	0.28	13	0.26	0.17	739
Total	0.24	0.17	306	0.24	0.18	404	0.31	0.41	401	0.36	0.25	384	0.39	0.28	27	0.29	0.28	1522

Stabilometry - total power spectram Y with eyes open (cm²)

	40-49yr			50-59yr			60-69yr			70-79yr			80-yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	0.59	0.54	147	0.58	0.42	208	0.67	0.52	211	0.70	0.52	203	0.61	0.33	14	0.64	0.50	783
Female	0.49	0.43	159	0.53	0.44	196	0.61	0.43	190	0.61	0.75	181	0.47	0.26	13	0.56	0.53	739
Total	0.54	0.49	306	0.56	0.43	404	0.64	0.48	401	0.66	0.64	384	0.54	0.30	27	0.60	0.52	1522

Stabilometry - center coodainates X with eyes open (cm)

	40-49yr			50-59yr			60-69yr			70-79yr			80-yr			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	-0.06	0.68	147	-0.19	0.69	208	-0.12	0.73	211	-0.00	0.85	203	-0.01	0.87	14	-0.10	0.75	783
Female	-0.06	0.56	159	0.01	0.68	196	0.07	0.69	190	0.04	0.67	181	0.17	0.65	13	0.02	0.66	739
Total	-0.06	0.62	306	-0.09	0.69	404	-0.03	0.71	401	0.02	0.77	384	0.08	0.76	27	-0.04	0.71	1522