Chromosome	Gene	SNP	Position	All Sample Genotype n(%) 1/1 Cases	All Sample Genotype n(%) 1/2 Cases
15	CYP19A1	rs1004983	49400944	415 (39.3)	485 (45.9)
15	CYP19A1	rs10459592	49323433	360 (33.3)	520 (48.1)
15	CYP19A1	rs10519295	49319939	903 (83.1)	175 (16.1)
15	CYP19A1	rs10519296	49320386	986 (91.4)	93 (8.6)
15	CYP19A1	rs1143704	49297994	290 (26.8)	547 (50.6)
15	CYP19A1	rs11856927	49335997	376 (34.7)	531 (48.9)
15	CYP19A1	rs12050772	49332163	319 (29.4)	554 (51.0)
15	CYP19A1	rs12439137	49303596	824 (76.2)	237 (21.9)
15	CYP19A1	rs12591359	49326660	379 (35.0)	515 (47.6)
15	CYP19A1	rs12908960	49333152	319 (29.4)	552 (50.9)
15	CYP19A1	rs16964258	49392700	971 (89.7)	106 (9.8)
15	CYP19A1	rs17523880	49379835	820 (75.6)	252 (23.2)
15	CYP19A1	rs17523922	49386497	865 (80.0)	212 (19.6)
15	CYP19A1	rs17703883	49317389	607 (56.2)	411 (38.0)
15	CYP19A1	rs1902584	49398946	916 (84.4)	159 (14.7)
15	CYP19A1	rs1961177	49412370	829 (76.4)	237 (21.8)
15	CYP19A1	rs2414099	49336074	744 (68.7)	298 (27.5)
15	CYP19A1	rs2445762	49405000	580 (53.7)	417 (38.6)
15	CYP19A1	rs2445765	49422190	716 (66.0)	328 (30.2)
15	CYP19A1	rs2470144	49409017	296 (27.3)	528 (48.6)
15	CYP19A1	rs2470146	49405661	956 (88.3)	122 (11.3)
15	CYP19A1	rs2470152	49382264	272 (25.2)	542 (50.3)
15	CYP19A1	rs2470157	49377192	902 (83.1)	171 (15.7)
15	CYP19A1	rs2899470	49290969	344 (31.7)	541 (49.9)
15	CYP19A1	rs2899472	49303347	618 (57.1)	405 (37.4)
15	CYP19A1	rs3751591	49394002	738 (68.1)	317 (29.3)
15	CYP19A1	rs3751592	49393870	492 (45.4)	468 (43.2)
15	CYP19A1	rs4275794	49288409	664 (61.5)	364 (33.7)
15	CYP19A1	rs4646	49290136	604 (55.7)	400 (36.9)
15	CYP19A1	rs700518	49316404	272 (25.1)	546 (50.4)
15	CYP19A1	rs7172156	49333590	371 (34.2)	552 (50.8)
15	CYP19A1	rs7174997	49409420	716 (66.0)	343 (31.6)
15	CYP19A1	rs727479	49321839	480 (44.3)	481 (44.4)
15	CYP19A1	rs730154	49378496	796 (73.6)	256 (23.7)
15	CYP19A1	rs8025191	49411077	686 (63.3)	347 (32.0)
15	CYP19A1	rs8031463	49383831	958 (89.6)	95 (8.9)
15	CYP19A1	rs934633	49287786	881 (81.0)	190 (17.5)
6	ESR1	rs10484922	152174010	889 (81.9)	181 (16.7)
6	ESR1	rs1062577	152465598	934 (86.6)	138 (12.8)
6	ESR1	rs11964865	152352739	1026 (94.5)	59 (5.4)
6	ESR1	rs12199102	152434254	924 (85.1)	157 (14.5)
6	ESR1	rs12199722	152276593	507 (46.9)	474 (43.8)
6	ESR1	rs12212176	152351700	726 (67.1)	319 (29.5)
6	ESR1	rs1514348	152224008	387 (35.8)	516 (47.7)
6	ESR1	rs1543403	152470397	320 (29.5)	520 (48.0)
6	ESR1	rs1709183	152235689	566 (52.1)	438 (40.3)
6	ESR1	rs1884051	152324972	527 (48.7)	466 (43.1)
6	ESR1	rs1884052	152333059	798 (73.8)	269 (24.9)

6	ESR1	rs2144025	152349399	793 (73.2)	266 (24.6)
6	ESR1	rs2347923	152269114	540 (49.9)	449 (41.5)
6	ESR1	rs2747649	152468194	646 (59.6)	378 (34.9)
6	ESR1	rs2813543	152466171	650 (59.9)	382 (35.2)
6	ESR1	rs2982683	152340128	536 (49.5)	435 (40.2)
6	ESR1	rs2982712	152399872	330 (30.5)	544 (50.3)
6	ESR1	rs2982896	152441186	658 (60.6)	368 (33.9)
6	ESR1	rs3003925	152326151	714 (65.7)	345 (31.7)
6	ESR1	rs3020317	152320434	741 (68.5)	314 (29.0)
6	ESR1	rs3020318	152331463	483 (44.6)	496 (45.8)
6	ESR1	rs3020368	152412883	895 (82.6)	184 (17.0)
6	ESR1	rs3020377	152314091	534 (49.2)	461 (42.4)
6	ESR1	rs3020383	152458472	910 (84.0)	168 (15.5)
6	ESR1	rs3020393	152320578	782 (72.2)	274 (25.3)
6	ESR1	rs3020407	152348954	526 (48.5)	459 (42.3)
6	ESR1	rs3020410	152308070	839 (77.8)	226 (21.0)
6	ESR1	rs3020434	152400633	731 (67.3)	327 (30.1)
6	ESR1	rs3778099	152460268	862 (79.7)	207 (19.1)
6	ESR1	rs3798577	152462823	279 (25.7)	541 (49.9)
6	ESR1	rs488133	152167137	467 (43.1)	473 (43.6)
6	ESR1	rs6902771	152199574	313 (28.8)	544 (50.1)
6	ESR1	rs6912184	152301899	702 (64.6)	340 (31.3)
6	ESR1	rs6927072	152299380	524 (48.3)	469 (43.2)
6	ESR1	rs726281	152344271	584 (54.1)	426 (39.4)
6	ESR1	rs7743290	152350825	643 (59.4)	389 (36.0)
6	ESR1	rs7757956	152358833	816 (75.6)	241 (22.3)
6	ESR1	rs7761133	152193556	770 (71.0)	286 (26.4)
6	ESR1	rs7761846	152254201	916 (84.8)	160 (14.8)
6	ESR1	rs926777	152346740	630 (58.0)	399 (36.7)
6	ESR1	rs9322331	152204010	495 (45.8)	464 (42.9)
6	ESR1	rs9322335	152241822	631 (58.5)	390 (36.1)
6	ESR1	rs9322336	152242123	706 (65.0)	337 (31.0)
6	ESR1	rs9340789	152185581	972 (89.9)	103 (9.5)
6	ESR1	rs9340835	152241624	483 (44.6)	475 (43.8)
6	ESR1	rs9340941	152354839	986 (90.9)	94 (8.7)
6	ESR1	rs9340954	152361865	575 (53.3)	417 (38.7)
6	ESR1	rs9340978	152375638	949 (87.4)	135 (12.4)
6	ESR1	rs9341016	152423691	963 (88.9)	115 (10.6)
6	ESR1	rs9341019	152424381	938 (86.3)	141 (13.0)
6	ESR1	rs9341052	152458318	920 (84.9)	158 (14.6)
6	ESR1	rs9341066	152461219	961 (88.9)	118 (10.9)
6	ESR1	rs9397463	152346021	794 (73.1)	276 (25.4)
6	ESR1	rs9479193	152436472	847 (78.2)	221 (20.4)
6	ESR1	rs985191	152325151	831 (76.6)	246 (22.7)
6	ESR1	rs985694	152328318	762 (70.3)	303 (28.0)
6	ESR1	rs988328	152282843	813 (74.9)	254 (23.4)
14	ESR2	rs12434245	63761606	896 (82.5)	179 (16.5)
14	ESR2	rs12435857	63793278	324 (29.9)	531 (49.1)
14	ESR2	rs1255998	63763624	872 (80.3)	206 (19.0)
14	ESR2	rs1256044	63803780	356 (32.8)	540 (49.8)
14	ESR2	rs1256063	63771970	928 (85.5)	153 (14.1)
14	ESR2	rs1256114	63879758	787 (72.9)	269 (24.9)
14	ESR2	rs1269056	63813643	359 (33.3)	531 (49.3)

14	ESR2	rs1887994	63830364	886 (81.6)	191 (17.6)
14	ESR2	rs2978381	63836405	351 (32.4)	530 (48.8)
14	ESR2	rs3020443	63862093	602 (55.5)	407 (37.5)
14	ESR2	rs4986938	63769569	427 (39.4)	492 (45.4)
14	ESR2	rs6573553	63824114	280 (25.8)	536 (49.4)
14	ESR2	rs7154455	63806413	502 (46.2)	464 (42.7)
14	ESR2	rs7159462	63828629	892 (82.1)	182 (16.8)
14	ESR2	rs8003490	63795122	948 (87.8)	130 (12.0)
14	ESR2	rs8017441	63785547	905 (84.0)	167 (15.5)
14	ESR2	rs8020646	63761073	952 (87.8)	129 (11.9)
14	ESR2	rs867443	63770795	576 (53.0)	421 (38.8)
1	PRDM2	rs11580688	13989815	589 (54.3)	433 (39.9)
1	PRDM2	rs1203628	13943413	932 (85.9)	150 (13.8)
1	PRDM2	rs1203634	13956360	639 (58.8)	386 (35.5)
1	PRDM2	rs1203646	13989078	1006 (92.8)	76 (7.0)
1	PRDM2	rs1203679	13977211	427 (39.4)	517 (47.6)
1	PRDM2	rs1406417	13965452	901 (83.0)	175 (16.1)
1	PRDM2	rs17346675	13969669	883 (81.5)	195 (18.0)
1	PRDM2	rs2014788	13999040	305 (28.1)	542 (50.0)
1	PRDM2	rs2235514	14019522	758 (69.9)	291 (26.8)
1	PRDM2	rs2244634	14006741	665 (61.7)	363 (33.7)
1	PRDM2	rs2245197	14011783	644 (59.3)	372 (34.3)
1	PRDM2	rs2281164	14003215	561 (51.7)	442 (40.7)
1	PRDM2	rs2281166	14000739	573 (52.9)	426 (39.3)
1	PRDM2	rs2359756	13969007	428 (39.4)	513 (47.3)
1	PRDM2	rs2359758	13969110	985 (90.6)	98 (9.0)
1	PRDM2	rs2473231	14028265	372 (34.3)	536 (49.4)
1	PRDM2	rs2495051	13920786	591 (54.5)	411 (37.9)
1	PRDM2	rs2495090	14027642	657 (60.6)	383 (35.3)
1	PRDM2	rs2697962	14023579	757 (69.9)	291 (26.9)
1	PRDM2	rs2744677	14027310	649 (59.8)	384 (35.4)
1	PRDM2	rs2744679	14024257	689 (63.7)	343 (31.7)
1	PRDM2	rs2744687	14011400	782 (72.4)	270 (25.0)
1	PRDM2	rs2744690	14010388	764 (70.5)	284 (26.2)
1	PRDM2	rs3820012	14022725	996 (91.8)	87 (8.0)
1	PRDM2	rs6669610	14021343	942 (86.8)	138 (12.7)

PD = Parkinson's disease
CC = case-unrelated control pairs
CS = case-unaffected sibling pairs
AAO = age at onset

All Sample Genotype n(%) 2/2 Cases	All Sample Genotype n(%) 1/1 Controls	All Sample Genotype n(%) 1/2 Controls	All Sample Genotype n(%) 2/2 Controls	PD susceptibility: All Sample Trend Model OR (95%CI)	PD susceptibility: All Sample Trend P-value
156 (14.8)	407 (38.5)	497 (47.1)	152 (14.4)	0.97 (0.84 - 1.13)	0.7262
201 (18.6)	350 (32.4)	528 (48.8)	203 (18.8)	0.96 (0.83 - 1.10)	0.531
8 (0.7)	889 (81.9)	186 (17.1)	11 (1.0)	0.87 (0.68 - 1.11)	0.2688
0 (0.0)	997 (92.4)	79 (7.3)	3 (0.3)	1.21 (0.84 - 1.75)	0.3148
245 (22.6)	290 (26.8)	535 (49.4)	257 (23.8)	0.95 (0.82 - 1.10)	0.5031
178 (16.4)	380 (35.0)	521 (48.0)	184 (17.0)	1.02 (0.89 - 1.18)	0.7625
213 (19.6)	331 (30.5)	531 (48.9)	224 (20.6)	1.02 (0.88 - 1.18)	0.7681
20 (1.9)	825 (76.3)	235 (21.7)	21 (1.9)	0.99 (0.81 - 1.22)	0.9531
188 (17.4)	368 (34.0)	538 (49.7)	176 (16.3)	0.99 (0.86 - 1.15)	0.9338
214 (19.7)	331 (30.5)	531 (48.9)	223 (20.6)	1.03 (0.89 - 1.19)	0.7121
5 (0.5)	971 (89.7)	108 (10.0)	3 (0.3)	1.02 (0.74 - 1.41)	0.9117
12 (1.1)	851 (78.5)	209 (19.3)	24 (2.2)	1.16 (0.93 - 1.44)	0.1913
4 (0.4)	887 (82.1)	188 (17.4)	6 (0.6)	1.18 (0.91 - 1.52)	0.2113
63 (5.8)	632 (58.5)	389 (36.0)	60 (5.6)	1.08 (0.92 - 1.28)	0.3336
10 (0.9)	923 (85.1)	155 (14.3)	7 (0.6)	1.09 (0.83 - 1.44)	0.5278
19 (1.8)	842 (77.6)	222 (20.5)	21 (1.9)	1.05 (0.84 - 1.30)	0.6801
41 (3.8)	740 (68.3)	311 (28.7)	32 (3.0)	0.99 (0.81 - 1.20)	0.8857
84 (7.8)	572 (52.9)	439 (40.6)	70 (6.5)	1.02 (0.87 - 1.19)	0.8358
41 (3.8)	731 (67.4)	317 (29.2)	37 (3.4)	1.07 (0.89 - 1.28)	0.4585
262 (24.1)	281 (25.9)	561 (51.7)	244 (22.5)	1.01 (0.87 - 1.16)	0.9211
5 (0.5)	960 (88.6)	121 (11.2)	2 (0.2)	1.09 (0.82 - 1.46)	0.5513
264 (24.5)	284 (26.3)	518 (48.1)	276 (25.6)	0.97 (0.85 - 1.12)	0.7121
13 (1.2)	858 (79.0)	216 (19.9)	12 (1.1)	0.75 (0.59 - 0.94)	0.0136
200 (18.4)	337 (31.1)	533 (49.1)	215 (19.8)	0.92 (0.80 - 1.07)	0.2971
60 (5.5)	629 (58.1)	391 (36.1)	63 (5.8)	1.05 (0.89 - 1.23)	0.5859
28 (2.6)	758 (70.0)	297 (27.4)	28 (2.6)	1.10 (0.91 - 1.33)	0.3084
123 (11.4)	491 (45.3)	481 (44.4)	111 (10.2)	1.03 (0.89 - 1.19)	0.7202
52 (4.8)	680 (63.0)	353 (32.7)	47 (4.4)	1.07 (0.90 - 1.27)	0.4688
81 (7.5)	574 (52.9)	428 (39.4)	83 (7.6)	0.89 (0.76 - 1.05)	0.164
266 (24.5)	273 (25.2)	541 (49.9)	270 (24.9)	0.98 (0.85 - 1.13)	0.7497
163 (15.0)	421 (38.8)	484 (44.6)	181 (16.7)	1.07 (0.93 - 1.25)	0.3468
26 (2.4)	731 (67.4)	327 (30.1)	27 (2.5)	1.06 (0.87 - 1.29)	0.5499
122 (11.3)	455 (42.0)	501 (46.3)	127 (11.7)	0.91 (0.78 - 1.05)	0.2037
29 (2.7)	757 (70.0)	296 (27.4)	28 (2.6)	0.83 (0.68 - 1.00)	0.0547
51 (4.7)	673 (62.1)	365 (33.7)	46 (4.2)	0.96 (0.81 - 1.15)	0.6832
16 (1.5)	961 (89.9)	88 (8.2)	20 (1.9)	0.97 (0.73 - 1.29)	0.8174
16 (1.5)	889 (81.8)	186 (17.1)	12 (1.1)	1.08 (0.86 - 1.37)	0.5082
15 (1.4)	907 (83.6)	167 (15.4)	11 (1.0)	1.22 (0.95 - 1.56)	0.1186
7 (0.6)	934 (86.6)	131 (12.1)	14 (1.3)	0.95 (0.72 - 1.25)	0.7036
1 (0.1)	1015 (93.5)	70 (6.4)	1 (0.1)	0.78 (0.52 - 1.17)	0.2291
5 (0.5)	922 (84.9)	158 (14.5)	6 (0.6)	0.98 (0.75 - 1.29)	0.881
100 (9.3)	522 (48.3)	438 (40.5)	121 (11.2)	0.98 (0.84 - 1.14)	0.7764
37 (3.4)	699 (64.6)	346 (32.0)	37 (3.4)	0.90 (0.74 - 1.08)	0.2503
178 (16.5)	361 (33.4)	537 (49.7)	183 (16.9)	0.91 (0.78 - 1.06)	0.2203
244 (22.5)	330 (30.4)	520 (48.0)	234 (21.6)	1.07 (0.93 - 1.22)	0.3737
82 (7.6)	573 (52.8)	444 (40.9)	69 (6.4)	1.07 (0.91 - 1.26)	0.4246
89 (8.2)	536 (49.5)	453 (41.9)	93 (8.6)	1.03 (0.88 - 1.21)	0.6907
14 (1.3)	826 (76.4)	232 (21.5)	23 (2.1)	1.13 (0.92 - 1.40)	0.2413

24 (2.2)	813 (75.1)	244 (22.5)	26 (2.4)	1.12 (0.91 - 1.37)	0.2834
94 (8.7)	537 (49.6)	450 (41.6)	96 (8.9)	0.98 (0.84 - 1.15)	0.8413
60 (5.5)	660 (60.9)	365 (33.7)	59 (5.4)	1.08 (0.91 - 1.28)	0.3848
53 (4.9)	616 (56.8)	409 (37.7)	60 (5.5)	0.83 (0.70 - 0.99)	0.0333
112 (10.3)	537 (49.6)	431 (39.8)	115 (10.6)	0.97 (0.83 - 1.13)	0.694
207 (19.1)	352 (32.6)	538 (49.8)	191 (17.7)	1.12 (0.96 - 1.30)	0.146
59 (5.4)	631 (58.2)	404 (37.2)	50 (4.6)	0.92 (0.77 - 1.10)	0.3577
28 (2.6)	724 (66.6)	317 (29.2)	46 (4.2)	0.97 (0.80 - 1.18)	0.7626
27 (2.5)	746 (68.9)	305 (28.2)	31 (2.9)	1.02 (0.84 - 1.23)	0.8683
103 (9.5)	484 (44.7)	493 (45.6)	105 (9.7)	1.02 (0.87 - 1.19)	0.845
5 (0.5)	882 (81.4)	198 (18.3)	4 (0.4)	0.88 (0.68 - 1.15)	0.3647
91 (8.4)	541 (49.8)	456 (42.0)	89 (8.2)	1.04 (0.89 - 1.22)	0.5888
5 (0.5)	900 (83.1)	180 (16.6)	3 (0.3)	0.91 (0.69 - 1.20)	0.5097
27 (2.5)	786 (72.6)	274 (25.3)	23 (2.1)	1.05 (0.86 - 1.29)	0.61
99 (9.1)	504 (46.5)	473 (43.6)	107 (9.9)	0.91 (0.77 - 1.07)	0.2355
13 (1.2)	815 (75.6)	250 (23.2)	13 (1.2)	0.88 (0.71 - 1.09)	0.2504
28 (2.6)	720 (66.3)	336 (30.9)	30 (2.8)	0.92 (0.76 - 1.11)	0.387
13 (1.2)	902 (83.4)	166 (15.3)	14 (1.3)	1.37 (1.07 - 1.76)	0.0116
265 (24.4)	317 (29.2)	506 (46.6)	262 (24.1)	1.11 (0.96 - 1.28)	0.1632
144 (13.3)	481 (44.4)	470 (43.4)	133 (12.3)	1.07 (0.93 - 1.25)	0.3455
228 (21.0)	324 (29.9)	518 (47.7)	243 (22.4)	1.00 (0.86 - 1.16)	0.9909
45 (4.1)	704 (64.8)	340 (31.3)	43 (4.0)	1.01 (0.85 - 1.21)	0.897
93 (8.6)	515 (47.4)	466 (42.9)	105 (9.7)	0.94 (0.80 - 1.10)	0.4152
70 (6.5)	579 (53.6)	429 (39.7)	72 (6.7)	0.98 (0.83 - 1.16)	0.8567
50 (4.6)	663 (61.3)	372 (34.4)	47 (4.3)	1.10 (0.91 - 1.33)	0.3073
23 (2.1)	795 (73.6)	262 (24.3)	23 (2.1)	0.86 (0.69 - 1.07)	0.1747
29 (2.7)	791 (72.9)	268 (24.7)	26 (2.4)	1.17 (0.95 - 1.45)	0.131
4 (0.4)	894 (82.8)	179 (16.6)	7 (0.6)	0.79 (0.59 - 1.04)	0.092
57 (5.2)	639 (58.8)	384 (35.4)	63 (5.8)	1.02 (0.86 - 1.21)	0.8197
122 (11.3)	482 (44.6)	456 (42.2)	143 (13.2)	0.92 (0.79 - 1.07)	0.2614
58 (5.4)	620 (57.5)	408 (37.8)	51 (4.7)	0.98 (0.83 - 1.17)	0.8547
43 (4.0)	696 (64.1)	348 (32.0)	42 (3.9)	0.96 (0.80 - 1.15)	0.6808
6 (0.6)	951 (88.0)	119 (11.0)	11 (1.0)	0.74 (0.55 - 1.01)	0.0541
126 (11.6)	475 (43.8)	494 (45.6)	115 (10.6)	1.01 (0.87 - 1.17)	0.9209
5 (0.5)	972 (89.6)	110 (10.1)	3 (0.3)	0.88 (0.65 - 1.18)	0.3934
86 (8.0)	580 (53.8)	416 (38.6)	82 (7.6)	1.03 (0.87 - 1.22)	0.7441
2 (0.2)	946 (87.1)	139 (12.8)	1 (0.1)	0.97 (0.72 - 1.32)	0.8585
5 (0.5)	969 (89.5)	112 (10.3)	2 (0.2)	1.13 (0.84 - 1.52)	0.4098
8 (0.7)	959 (88.2)	124 (11.4)	4 (0.4)	1.34 (1.00 - 1.81)	0.0528
6 (0.6)	915 (84.4)	160 (14.8)	9 (0.8)	0.92 (0.71 - 1.19)	0.5113
2 (0.2)	940 (87.0)	137 (12.7)	4 (0.4)	0.76 (0.56 - 1.03)	0.0735
16 (1.5)	788 (72.6)	280 (25.8)	18 (1.7)	0.97 (0.79 - 1.19)	0.7556
15 (1.4)	876 (80.9)	192 (17.7)	15 (1.4)	1.23 (0.98 - 1.56)	0.0759
8 (0.7)	844 (77.8)	223 (20.6)	18 (1.7)	1.02 (0.81 - 1.29)	0.8388
19 (1.8)	791 (73.0)	261 (24.1)	32 (3.0)	1.10 (0.91 - 1.34)	0.3219
19 (1.7)	816 (75.1)	250 (23.0)	20 (1.8)	1.00 (0.81 - 1.24)	0.9905
11 (1.0)	929 (85.5)	148 (13.6)	9 (0.8)	1.32 (1.03 - 1.69)	0.0298
227 (21.0)	322 (29.8)	548 (50.6)	212 (19.6)	1.04 (0.90 - 1.20)	0.6029
8 (0.7)	883 (81.3)	192 (17.7)	11 (1.0)	1.02 (0.79 - 1.30)	0.9009
189 (17.4)	355 (32.7)	529 (48.8)	201 (18.5)	0.98 (0.85 - 1.13)	0.782
5 (0.5)	929 (85.5)	149 (13.7)	8 (0.7)	0.96 (0.74 - 1.26)	0.7943
24 (2.2)	806 (74.6)	254 (23.5)	20 (1.9)	1.12 (0.91 - 1.37)	0.2762
187 (17.4)	355 (33.0)	526 (48.8)	196 (18.2)	0.98 (0.85 - 1.13)	0.7857

9 (0.8)	896 (82.5)	180 (16.6)	10 (0.9)	1.09 (0.85 - 1.39)	0.5023
204 (18.8)	360 (33.2)	518 (47.7)	207 (19.1)	1.00 (0.87 - 1.15)	0.9483
75 (6.9)	582 (53.7)	419 (38.7)	83 (7.7)	0.92 (0.78 - 1.08)	0.2885
164 (15.1)	403 (37.2)	517 (47.7)	163 (15.1)	0.94 (0.81 - 1.08)	0.3881
268 (24.7)	278 (25.6)	528 (48.7)	278 (25.6)	0.97 (0.85 - 1.12)	0.6999
120 (11.0)	486 (44.8)	473 (43.6)	127 (11.7)	0.93 (0.80 - 1.08)	0.33
12 (1.1)	923 (85.0)	152 (14.0)	11 (1.0)	1.28 (1.00 - 1.64)	0.0501
2 (0.2)	953 (88.2)	123 (11.4)	4 (0.4)	0.99 (0.72 - 1.35)	0.9332
5 (0.5)	914 (84.9)	157 (14.6)	6 (0.6)	1.04 (0.79 - 1.37)	0.7827
3 (0.3)	958 (88.4)	121 (11.2)	5 (0.5)	1.01 (0.74 - 1.37)	0.9589
89 (8.2)	549 (50.6)	439 (40.4)	98 (9.0)	0.90 (0.77 - 1.04)	0.1606
62 (5.7)	567 (52.3)	456 (42.1)	61 (5.6)	0.92 (0.78 - 1.09)	0.3498
3 (0.3)	941 (86.7)	138 (12.7)	6 (0.6)	1.06 (0.79 - 1.41)	0.7107
61 (5.6)	626 (57.6)	398 (36.6)	62 (5.7)	0.95 (0.80 - 1.13)	0.5673
2 (0.2)	993 (91.6)	89 (8.2)	2 (0.2)	0.76 (0.53 - 1.10)	0.1514
141 (13.0)	436 (40.2)	503 (46.4)	146 (13.5)	1.01 (0.87 - 1.17)	0.9116
10 (0.9)	906 (83.4)	176 (16.2)	4 (0.4)	1.10 (0.85 - 1.44)	0.4681
6 (0.6)	894 (82.5)	179 (16.5)	11 (1.0)	1.06 (0.83 - 1.35)	0.6409
238 (21.9)	290 (26.7)	577 (53.2)	218 (20.1)	1.01 (0.87 - 1.18)	0.8581
35 (3.2)	825 (76.1)	231 (21.3)	28 (2.6)	1.41 (1.15 - 1.73)	0.0011
50 (4.6)	739 (68.6)	295 (27.4)	44 (4.1)	1.38 (1.14 - 1.66)	0.0009
70 (6.4)	706 (65.0)	326 (30.0)	54 (5.0)	1.34 (1.12 - 1.61)	0.0015
82 (7.6)	546 (50.3)	453 (41.8)	86 (7.9)	0.93 (0.79 - 1.10)	0.4045
85 (7.8)	563 (51.9)	446 (41.1)	75 (6.9)	1.00 (0.85 - 1.18)	0.9807
144 (13.3)	431 (39.7)	522 (48.1)	132 (12.2)	1.05 (0.90 - 1.21)	0.5515
4 (0.4)	986 (90.7)	99 (9.1)	2 (0.2)	1.03 (0.73 - 1.44)	0.8777
178 (16.4)	410 (37.8)	499 (45.9)	177 (16.3)	1.11 (0.95 - 1.29)	0.1793
83 (7.6)	566 (52.2)	436 (40.2)	83 (7.6)	0.92 (0.79 - 1.08)	0.3187
44 (4.1)	655 (60.4)	379 (35.0)	50 (4.6)	0.97 (0.81 - 1.16)	0.7376
35 (3.2)	826 (76.3)	230 (21.2)	27 (2.5)	1.45 (1.18 - 1.79)	0.0005
52 (4.8)	711 (65.5)	313 (28.8)	61 (5.6)	1.19 (1.00 - 1.42)	0.0498
50 (4.6)	759 (70.1)	285 (26.3)	38 (3.5)	1.39 (1.15 - 1.67)	0.0006
28 (2.6)	855 (79.2)	204 (18.9)	21 (1.9)	1.53 (1.23 - 1.91)	0.0002
36 (3.3)	842 (77.7)	216 (19.9)	26 (2.4)	1.54 (1.24 - 1.90)	0.0001
2 (0.2)	998 (92.0)	86 (7.9)	1 (0.1)	1.06 (0.74 - 1.53)	0.7477
5 (0.5)	927 (85.4)	148 (13.6)	10 (0.9)	0.84 (0.63 - 1.10)	0.2069

PD susceptibility: All Sample Dominant Model OR (95%CI)	PD susceptibility: All Sample Dominant P-value	PD susceptibility: All Sample Recessive Model OR (95%CI)	PD susceptibility: All Sample Recessive P-value	Men Genotype n(%) 1/1 Cases	Men Genotype n(%) 1/2 Cases
0.95 (0.77 - 1.16)	0.5971	1.01 (0.77 - 1.33)	0.9497	209 (39.6)	244 (46.2)
0.92 (0.75 - 1.13)	0.4498	0.98 (0.76 - 1.26)	0.8579	179 (32.9)	258 (47.4)
0.87 (0.66 - 1.14)	0.3102	0.74 (0.29 - 1.86)	0.5171	451 (82.3)	92 (16.8)
1.30 (0.89 - 1.90)	0.1813	0.00 (0.00 -)	0.9751	500 (91.9)	44 (8.1)
0.98 (0.79 - 1.22)	0.8715	0.89 (0.70 - 1.14)	0.3582	144 (26.4)	269 (49.4)
1.05 (0.85 - 1.30)	0.6366	1.00 (0.78 - 1.27)	0.9848	195 (35.7)	261 (47.8)
1.09 (0.88 - 1.37)	0.4305	0.96 (0.76 - 1.21)	0.7319	170 (31.0)	269 (49.1)
1.00 (0.80 - 1.26)	0.9856	0.91 (0.46 - 1.83)	0.8007	419 (76.9)	114 (20.9)
0.93 (0.75 - 1.14)	0.4813	1.10 (0.85 - 1.43)	0.4684	192 (35.2)	256 (46.9)
1.09 (0.88 - 1.37)	0.4305	0.97 (0.77 - 1.23)	0.823	170 (31.1)	268 (49.0)
1.00 (0.71 - 1.40)	0.9818	1.78 (0.32 - 9.87)	0.5117	487 (89.4)	57 (10.5)
1.29 (1.02 - 1.65)	0.0359	0.50 (0.24 - 1.04)	0.0655	423 (77.5)	118 (21.6)
1.22 (0.93 - 1.59)	0.1457	0.51 (0.12 - 2.22)	0.3666	439 (80.6)	105 (19.3)
1.10 (0.91 - 1.34)	0.3335	1.09 (0.71 - 1.69)	0.6899	302 (55.6)	210 (38.7)
1.06 (0.79 - 1.42)	0.6932	2.04 (0.59 - 7.13)	0.2621	457 (83.7)	85 (15.6)
1.06 (0.84 - 1.35)	0.6143	0.93 (0.42 - 2.04)	0.8596	416 (76.1)	123 (22.5)
0.92 (0.74 - 1.15)	0.4804	1.47 (0.84 - 2.58)	0.1813	378 (69.5)	143 (26.3)
0.96 (0.79 - 1.17)	0.6976	1.27 (0.87 - 1.86)	0.2166	303 (55.7)	199 (36.6)
1.07 (0.87 - 1.31)	0.5398	1.18 (0.69 - 2.04)	0.5392	359 (65.6)	172 (31.4)
0.91 (0.72 - 1.14)	0.3941	1.12 (0.90 - 1.40)	0.32	151 (27.6)	269 (49.1)
1.06 (0.78 - 1.45)	0.6941	2.51 (0.49 -	0.2726	484 (88.5)	61 (11.2)
1.02 (0.82 - 1.27)	0.8455	0.91 (0.72 - 1.15)	0.414	139 (25.5)	261 (47.9)
0.70 (0.54 - 0.90)	0.005	1.18 (0.52 - 2.68)	0.7004	448 (81.9)	90 (16.5)
0.94 (0.76 - 1.16)	0.5401	0.87 (0.67 - 1.12)	0.2796	172 (31.4)	270 (49.4)
1.08 (0.89 - 1.33)	0.4261	0.96 (0.66 - 1.40)	0.8256	322 (58.9)	191 (34.9)
1.13 (0.91 - 1.39)	0.2749	1.05 (0.57 - 1.93)	0.8844	370 (67.6)	164 (30.0)
0.99 (0.81 - 1.21)	0.9348	1.15 (0.84 - 1.57)	0.3822	253 (46.4)	235 (43.1)
1.06 (0.87 - 1.31)	0.5482	1.14 (0.71 - 1.82)	0.5786	337 (62.1)	179 (33.0)
0.85 (0.70 - 1.03)	0.0988	0.98 (0.67 - 1.42)	0.9106	302 (55.1)	199 (36.3)
0.99 (0.79 - 1.23)	0.9283	0.95 (0.75 - 1.20)	0.6738	137 (25.1)	267 (48.9)
1.24 (1.01 - 1.51)	0.0361	0.83 (0.62 - 1.11)	0.2171	185 (33.8)	282 (51.6)
1.08 (0.88 - 1.34)	0.4581	0.93 (0.51 - 1.70)	0.809	365 (66.7)	164 (30.0)
0.87 (0.72 - 1.06)	0.1752	0.92 (0.68 - 1.26)	0.6138	236 (43.3)	245 (45.0)
0.78 (0.62 - 0.97)	0.0253	1.04 (0.58 - 1.89)	0.8916	391 (71.7)	140 (25.7)
0.93 (0.76 - 1.15)	0.5139	1.11 (0.68 - 1.79)	0.6842	350 (64.2)	173 (31.7)
1.03 (0.73 - 1.46)	0.8528	0.63 (0.28 - 1.45)	0.2771	479 (89.0)	53 (9.9)
1.06 (0.82 - 1.37)	0.6434	1.51 (0.61 - 3.76)	0.3736	446 (81.4)	91 (16.6)
1.22 (0.93 - 1.61)	0.1502	1.44 (0.63 - 3.28)	0.3905	435 (79.7)	101 (18.5)
1.02 (0.75 - 1.37)	0.9117	0.41 (0.14 - 1.18)	0.0988	473 (86.8)	70 (12.8)
0.77 (0.50 - 1.17)	0.2161	0.94 (0.06 -	0.9651	520 (95.1)	26 (4.8)
1.00 (0.75 - 1.33)	0.9874	0.64 (0.17 - 2.45)	0.5124	456 (83.4)	90 (16.5)
1.07 (0.88 - 1.31)	0.4845	0.77 (0.56 - 1.05)	0.0964	254 (46.6)	242 (44.4)
0.87 (0.71 - 1.08)	0.2081	0.97 (0.55 - 1.69)	0.9067	361 (66.1)	165 (30.2)
0.86 (0.69 - 1.05)	0.1412	0.96 (0.73 - 1.26)	0.7592	202 (37.0)	263 (48.2)
1.08 (0.87 - 1.34)	0.4961	1.09 (0.87 - 1.38)	0.4508	154 (28.2)	264 (48.3)
1.03 (0.84 - 1.26)	0.8104	1.28 (0.89 - 1.83)	0.1873	291 (53.1)	212 (38.7)
1.08 (0.88 - 1.32)	0.4646	0.93 (0.65 - 1.33)	0.6891	263 (48.3)	242 (44.5)
1.25 (0.99 - 1.58)	0.0635	0.52 (0.24 - 1.10)	0.0863	397 (73.0)	140 (25.7)

1.15 (0.92 - 1.45)	0.226	1.01 (0.53 - 1.93)	0.975	399 (73.1)	138 (25.3)
0.99 (0.81 - 1.21)	0.921	0.95 (0.67 - 1.35)	0.7882	283 (51.8)	216 (39.6)
1.10 (0.90 - 1.36)	0.3414	1.04 (0.68 - 1.60)	0.8521	313 (57.4)	198 (36.3)
0.80 (0.65 - 0.98)	0.03	0.85 (0.55 - 1.31)	0.4615	342 (62.5)	181 (33.1)
0.97 (0.80 - 1.18)	0.7553	0.95 (0.69 - 1.31)	0.749	268 (49.2)	222 (40.7)
1.15 (0.92 - 1.43)	0.2203	1.14 (0.89 - 1.46)	0.3077	156 (28.7)	287 (52.8)
0.85 (0.69 - 1.04)	0.1174	1.26 (0.81 - 1.99)	0.308	331 (60.6)	187 (34.2)
1.08 (0.87 - 1.34)	0.4932	0.50 (0.28 - 0.87)	0.0141	363 (66.2)	168 (30.7)
1.05 (0.85 - 1.30)	0.6617	0.82 (0.46 - 1.47)	0.5108	375 (68.6)	157 (28.7)
1.03 (0.84 - 1.25)	0.7791	0.99 (0.70 - 1.39)	0.953	252 (46.2)	239 (43.9)
0.88 (0.67 - 1.15)	0.3556	1.02 (0.21 - 4.85)	0.9801	446 (81.7)	98 (17.9)
1.06 (0.87 - 1.30)	0.5417	1.02 (0.72 - 1.46)	0.8975	268 (49.0)	237 (43.3)
0.90 (0.68 - 1.18)	0.4398	1.74 (0.30 -	0.5354	453 (83.1)	90 (16.5)
1.05 (0.83 - 1.32)	0.6852	1.16 (0.63 - 2.15)	0.6361	392 (71.9)	137 (25.1)
0.89 (0.73 - 1.10)	0.2821	0.88 (0.62 - 1.24)	0.4665	269 (49.4)	229 (42.0)
0.86 (0.68 - 1.10)	0.23	0.93 (0.41 - 2.10)	0.8617	423 (77.9)	112 (20.6)
0.92 (0.74 - 1.14)	0.4275	0.86 (0.46 - 1.59)	0.626	362 (66.2)	174 (31.8)
1.44 (1.10 - 1.88)	0.0077	1.11 (0.44 - 2.79)	0.8235	435 (79.8)	104 (19.1)
1.27 (1.01 - 1.59)	0.0401	1.01 (0.80 - 1.28)	0.9115	139 (25.4)	277 (50.6)
1.08 (0.88 - 1.32)	0.4753	1.13 (0.84 - 1.52)	0.4093	234 (42.8)	236 (43.1)
1.08 (0.86 - 1.35)	0.5088	0.92 (0.72 - 1.17)	0.4947	169 (30.9)	257 (47.0)
1.01 (0.82 - 1.25)	0.8979	1.01 (0.63 - 1.64)	0.956	352 (64.2)	176 (32.1)
0.95 (0.78 - 1.16)	0.6406	0.85 (0.60 - 1.18)	0.3298	275 (50.3)	225 (41.1)
0.98 (0.80 - 1.20)	0.8565	0.98 (0.66 - 1.47)	0.9389	303 (55.7)	207 (38.1)
1.12 (0.90 - 1.39)	0.2949	1.07 (0.67 - 1.73)	0.7649	317 (58.1)	210 (38.5)
0.83 (0.65 - 1.07)	0.1453	0.96 (0.47 - 1.94)	0.9003	407 (75.0)	125 (23.0)
1.19 (0.94 - 1.50)	0.1524	1.24 (0.68 - 2.25)	0.486	379 (69.3)	152 (27.8)
0.79 (0.58 - 1.06)	0.1178	0.54 (0.15 - 1.93)	0.3423	477 (87.5)	66 (12.1)
1.06 (0.86 - 1.30)	0.6076	0.89 (0.57 - 1.38)	0.6044	322 (58.8)	200 (36.5)
0.93 (0.76 - 1.14)	0.5037	0.83 (0.61 - 1.12)	0.2154	266 (48.8)	219 (40.2)
0.94 (0.77 - 1.15)	0.5586	1.19 (0.77 - 1.85)	0.4301	319 (58.7)	195 (35.9)
0.94 (0.77 - 1.16)	0.5825	1.05 (0.63 - 1.74)	0.8472	361 (66.0)	168 (30.7)
0.75 (0.53 - 1.04)	0.0867	0.44 (0.13 - 1.44)	0.1735	488 (89.4)	55 (10.1)
0.96 (0.79 - 1.16)	0.666	1.15 (0.84 - 1.57)	0.3728	245 (44.8)	243 (44.4)
0.84 (0.61 - 1.16)	0.2866	1.61 (0.38 - 6.74)	0.5146	497 (90.9)	47 (8.6)
1.03 (0.83 - 1.26)	0.8125	1.06 (0.73 - 1.54)	0.7715	282 (52.0)	222 (41.0)
0.97 (0.71 - 1.31)	0.8218	1.61 (0.12 -	0.7167	476 (87.0)	71 (13.0)
1.11 (0.81 - 1.52)	0.5236	2.51 (0.49 -	0.2724	485 (89.2)	56 (10.3)
1.34 (0.97 - 1.84)	0.0746	1.99 (0.59 - 6.72)	0.2687	470 (85.8)	73 (13.3)
0.93 (0.70 - 1.22)	0.5851	0.65 (0.19 - 2.27)	0.5017	469 (85.7)	76 (13.9)
0.76 (0.55 - 1.04)	0.0843	0.51 (0.09 - 2.78)	0.4365	492 (90.4)	50 (9.2)
0.98 (0.78 - 1.22)	0.8284	0.84 (0.38 - 1.87)	0.6735	410 (74.8)	132 (24.1)
1.28 (0.99 - 1.65)	0.058	1.07 (0.46 - 2.48)	0.878	427 (78.2)	116 (21.2)
1.12 (0.87 - 1.43)	0.3902	0.32 (0.11 - 0.89)	0.0286	424 (77.5)	121 (22.1)
1.23 (0.99 - 1.53)	0.066	0.52 (0.28 - 0.99)	0.0472	377 (69.0)	158 (28.9)
1.01 (0.80 - 1.28)	0.9074	0.88 (0.42 - 1.86)	0.7433	411 (75.0)	131 (23.9)
1.35 (1.03 - 1.77)	0.0277	1.27 (0.50 - 3.23)	0.6109	441 (80.6)	99 (18.1)
1.00 (0.81 - 1.24)	0.9754	1.11 (0.87 - 1.41)	0.3974	151 (27.6)	284 (51.9)
1.05 (0.81 - 1.37)	0.6967	0.58 (0.21 - 1.66)	0.3141	438 (80.1)	106 (19.4)
1.03 (0.83 - 1.27)	0.7859	0.91 (0.71 - 1.16)	0.4359	187 (34.2)	269 (49.2)
0.99 (0.74 - 1.32)	0.9491	0.63 (0.20 - 1.94)	0.417	469 (85.6)	76 (13.9)
1.12 (0.90 - 1.41)	0.3154	1.23 (0.63 - 2.39)	0.5413	380 (70.1)	151 (27.9)
1.01 (0.82 - 1.25)	0.9084	0.93 (0.73 - 1.19)	0.5515	189 (34.9)	264 (48.7)

1.11 (0.85 - 1.45)	0.4437	0.92 (0.35 - 2.41)	0.8653	444 (81.2)	102 (18.6)
1.04 (0.84 - 1.28)	0.7236	0.96 (0.76 - 1.23)	0.7642	167 (30.6)	268 (49.1)
0.92 (0.75 - 1.12)	0.3911	0.86 (0.60 - 1.22)	0.3872	299 (54.7)	210 (38.4)
0.90 (0.73 - 1.10)	0.3003	0.97 (0.74 - 1.27)	0.8217	215 (39.5)	247 (45.4)
1.00 (0.80 - 1.26)	0.9804	0.93 (0.75 - 1.16)	0.5285	142 (26.1)	280 (51.4)
0.92 (0.75 - 1.11)	0.377	0.90 (0.67 - 1.22)	0.5084	257 (47.0)	226 (41.3)
1.31 (1.01 - 1.71)	0.044	1.18 (0.48 - 2.91)	0.7229	441 (80.5)	99 (18.1)
1.01 (0.73 - 1.40)	0.9368	0.33 (0.03 - 3.20)	0.3408	479 (87.9)	65 (11.9)
1.06 (0.80 - 1.41)	0.6951	0.72 (0.19 - 2.72)	0.6282	451 (83.4)	87 (16.1)
1.04 (0.76 - 1.43)	0.8034	0.42 (0.08 - 2.38)	0.3297	475 (87.0)	70 (12.8)
0.88 (0.72 - 1.07)	0.207	0.86 (0.62 - 1.19)	0.3523	291 (53.2)	210 (38.4)
0.88 (0.72 - 1.08)	0.2238	1.04 (0.69 - 1.57)	0.8423	288 (52.8)	226 (41.5)
1.10 (0.81 - 1.48)	0.5561	0.54 (0.14 - 2.20)	0.3931	462 (84.5)	83 (15.2)
0.93 (0.76 - 1.14)	0.5057	0.99 (0.66 - 1.50)	0.9648	320 (58.4)	197 (35.9)
0.76 (0.52 - 1.11)	0.1511	0.77 (0.11 - 5.64)	0.7968	511 (93.4)	35 (6.4)
1.03 (0.84 - 1.26)	0.7789	0.97 (0.74 - 1.29)	0.855	212 (38.8)	271 (49.5)
1.05 (0.80 - 1.38)	0.7301	7.40 (0.89 -	0.0644	456 (83.2)	89 (16.2)
1.11 (0.86 - 1.43)	0.4292	0.57 (0.21 - 1.56)	0.2767	445 (81.7)	96 (17.6)
0.89 (0.71 - 1.12)	0.3221	1.19 (0.93 - 1.52)	0.1681	153 (28.0)	279 (51.0)
1.52 (1.20 - 1.92)	0.0004	1.17 (0.67 - 2.05)	0.5865	388 (71.1)	142 (26.0)
1.51 (1.21 - 1.88)	0.0002	1.08 (0.66 - 1.76)	0.7521	335 (61.6)	186 (34.2)
1.43 (1.15 - 1.77)	0.0015	1.34 (0.87 - 2.04)	0.1797	332 (60.6)	188 (34.3)
0.91 (0.74 - 1.12)	0.377	0.95 (0.66 - 1.37)	0.7956	275 (50.3)	236 (43.1)
0.95 (0.78 - 1.15)	0.5764	1.24 (0.85 - 1.81)	0.2618	287 (52.6)	220 (40.3)
1.01 (0.83 - 1.23)	0.9241	1.17 (0.87 - 1.56)	0.3022	209 (38.2)	271 (49.5)
1.00 (0.70 - 1.43)	0.9844	2.08 (0.36 -	0.4101	494 (90.1)	52 (9.5)
1.26 (1.01 - 1.56)	0.0409	0.98 (0.75 - 1.28)	0.8697	188 (34.4)	280 (51.2)
0.89 (0.72 - 1.09)	0.2426	0.97 (0.68 - 1.37)	0.8424	295 (54.0)	211 (38.6)
0.99 (0.81 - 1.22)	0.9485	0.85 (0.54 - 1.33)	0.4701	339 (62.0)	184 (33.6)
1.57 (1.24 - 1.99)	0.0002	1.24 (0.70 - 2.20)	0.4561	387 (70.9)	142 (26.0)
1.38 (1.11 - 1.70)	0.003	0.75 (0.49 - 1.16)	0.1962	336 (61.4)	187 (34.2)
1.49 (1.20 - 1.86)	0.0003	1.30 (0.81 - 2.09)	0.28	354 (64.8)	168 (30.8)
1.67 (1.30 - 2.14)	0.0001	1.25 (0.65 - 2.40)	0.4969	401 (73.6)	131 (24.0)
1.67 (1.31 - 2.13)	0	1.34 (0.76 - 2.39)	0.3143	388 (71.1)	143 (26.2)
1.05 (0.72 - 1.52)	0.8126	2.08 (0.17 -	0.5665	504 (92.3)	41 (7.5)
0.86 (0.64 - 1.16)	0.3171	0.40 (0.11 - 1.53)	0.1824	476 (87.0)	69 (12.6)

Men Genotype n(%) 2/2 Cases	Men Genotype n(%) 1/1 Controls	Men Genotype n(%) 1/2 Controls	Men Genotype n(%) 2/2 Controls	PD susceptibility: Men Trend Model OR (95%CI)	PD susceptibility: Men Trend P-value
75 (14.2)	203 (38.4)	255 (48.3)	70 (13.3)	1.00 (0.81 - 1.22)	0.9729
107 (19.7)	180 (33.1)	261 (48.0)	103 (18.9)	1.02 (0.84 - 1.24)	0.8156
5 (0.9)	448 (81.8)	95 (17.3)	5 (0.9)	0.96 (0.69 - 1.33)	0.7953
0 (0.0)	508 (93.4)	34 (6.3)	2 (0.4)	1.21 (0.73 - 2.00)	0.4503
132 (24.2)	142 (26.1)	273 (50.1)	130 (23.9)	1.00 (0.82 - 1.22)	0.9906
90 (16.5)	200 (36.6)	254 (46.5)	92 (16.8)	1.01 (0.84 - 1.22)	0.8934
109 (19.9)	168 (30.7)	269 (49.1)	111 (20.3)	0.98 (0.81 - 1.19)	0.8403
12 (2.2)	422 (77.4)	112 (20.6)	11 (2.0)	1.05 (0.79 - 1.38)	0.7575
98 (17.9)	186 (34.1)	273 (50.0)	87 (15.9)	1.03 (0.84 - 1.25)	0.8037
109 (19.9)	168 (30.7)	268 (49.0)	111 (20.3)	0.98 (0.81 - 1.19)	0.8401
1 (0.2)	495 (90.8)	49 (9.0)	1 (0.2)	1.26 (0.79 - 2.00)	0.3382
5 (0.9)	433 (79.3)	103 (18.9)	10 (1.8)	1.05 (0.79 - 1.40)	0.7172
1 (0.2)	443 (81.3)	100 (18.3)	2 (0.4)	1.05 (0.74 - 1.47)	0.7983
31 (5.7)	311 (57.3)	202 (37.2)	30 (5.5)	1.07 (0.85 - 1.34)	0.5683
4 (0.7)	473 (86.6)	69 (12.6)	4 (0.7)	1.33 (0.92 - 1.94)	0.1316
8 (1.5)	432 (79.0)	104 (19.0)	11 (2.0)	1.15 (0.86 - 1.54)	0.3354
23 (4.2)	366 (67.3)	161 (29.6)	17 (3.1)	0.95 (0.73 - 1.23)	0.7022
42 (7.7)	282 (51.8)	224 (41.2)	38 (7.0)	0.90 (0.73 - 1.12)	0.3567
16 (2.9)	371 (67.8)	159 (29.1)	17 (3.1)	1.09 (0.85 - 1.38)	0.4977
128 (23.4)	140 (25.5)	292 (53.3)	116 (21.2)	1.01 (0.83 - 1.22)	0.9498
2 (0.4)	481 (87.9)	65 (11.9)	1 (0.2)	0.96 (0.65 - 1.43)	0.8403
145 (26.6)	140 (25.7)	255 (46.8)	150 (27.5)	0.98 (0.82 - 1.18)	0.851
9 (1.6)	434 (79.3)	108 (19.7)	5 (0.9)	0.89 (0.66 - 1.20)	0.4451
105 (19.2)	162 (29.6)	274 (50.1)	111 (20.3)	0.92 (0.75 - 1.12)	0.4132
34 (6.2)	313 (57.2)	206 (37.7)	28 (5.1)	0.98 (0.79 - 1.22)	0.8627
13 (2.4)	401 (73.3)	134 (24.5)	12 (2.2)	1.31 (1.01 - 1.70)	0.0389
57 (10.5)	243 (44.6)	247 (45.3)	55 (10.1)	0.96 (0.79 - 1.17)	0.7018
27 (5.0)	339 (62.4)	185 (34.1)	19 (3.5)	1.08 (0.85 - 1.36)	0.5414
47 (8.6)	287 (52.4)	215 (39.2)	46 (8.4)	0.92 (0.74 - 1.14)	0.45
142 (26.0)	137 (25.1)	272 (49.8)	137 (25.1)	1.03 (0.84 - 1.25)	0.7959
80 (14.6)	202 (36.9)	255 (46.6)	90 (16.5)	1.04 (0.85 - 1.27)	0.712
18 (3.3)	358 (65.4)	175 (32.0)	14 (2.6)	0.97 (0.76 - 1.25)	0.8406
64 (11.7)	229 (42.0)	249 (45.7)	67 (12.3)	0.95 (0.77 - 1.16)	0.5966
14 (2.6)	390 (71.6)	141 (25.9)	14 (2.6)	0.99 (0.76 - 1.29)	0.9483
22 (4.0)	334 (61.3)	186 (34.1)	25 (4.6)	0.87 (0.68 - 1.11)	0.2526
6 (1.1)	489 (90.9)	40 (7.4)	9 (1.7)	1.18 (0.78 - 1.79)	0.4416
11 (2.0)	446 (81.4)	93 (17.0)	9 (1.6)	1.03 (0.75 - 1.42)	0.8543
10 (1.8)	464 (85.0)	78 (14.3)	4 (0.7)	1.64 (1.17 - 2.31)	0.0041
2 (0.4)	463 (85.0)	73 (13.4)	9 (1.7)	0.74 (0.51 - 1.07)	0.1109
1 (0.2)	506 (92.5)	41 (7.5)	0 (0.0)	0.59 (0.34 - 1.05)	0.0745
1 (0.2)	462 (84.5)	82 (15.0)	3 (0.5)	1.07 (0.74 - 1.54)	0.7105
49 (9.0)	241 (44.2)	243 (44.6)	61 (11.2)	0.87 (0.71 - 1.07)	0.1911
20 (3.7)	344 (63.0)	180 (33.0)	22 (4.0)	0.86 (0.67 - 1.10)	0.2277
81 (14.8)	174 (31.9)	278 (50.9)	94 (17.2)	0.81 (0.66 - 0.99)	0.0371
129 (23.6)	154 (28.2)	267 (48.8)	126 (23.0)	1.02 (0.85 - 1.22)	0.8627
45 (8.2)	293 (53.5)	228 (41.6)	27 (4.9)	1.13 (0.91 - 1.41)	0.2624
39 (7.2)	280 (51.5)	222 (40.8)	42 (7.7)	1.09 (0.88 - 1.34)	0.4477
7 (1.3)	421 (77.4)	117 (21.5)	6 (1.1)	1.29 (0.97 - 1.71)	0.0767

9 (1.6)	422 (77.3)	111 (20.3)	13 (2.4)	1.21 (0.91 - 1.61)	0.1816
47 (8.6)	276 (50.5)	228 (41.8)	42 (7.7)	0.99 (0.80 - 1.22)	0.9198
34 (6.2)	328 (60.2)	189 (34.7)	28 (5.1)	1.15 (0.92 - 1.45)	0.2179
24 (4.4)	313 (57.2)	205 (37.5)	29 (5.3)	0.78 (0.61 - 0.99)	0.0407
55 (10.1)	259 (47.5)	223 (40.9)	63 (11.6)	0.91 (0.75 - 1.12)	0.3808
101 (18.6)	185 (34.0)	262 (48.2)	97 (17.8)	1.19 (0.97 - 1.46)	0.0906
28 (5.1)	308 (56.4)	215 (39.4)	23 (4.2)	0.87 (0.69 - 1.11)	0.2755
17 (3.1)	367 (67.0)	162 (29.6)	19 (3.5)	1.02 (0.79 - 1.31)	0.895
15 (2.7)	383 (70.0)	150 (27.4)	14 (2.6)	1.08 (0.84 - 1.38)	0.5639
54 (9.9)	259 (47.5)	239 (43.9)	47 (8.6)	1.08 (0.88 - 1.33)	0.4618
2 (0.4)	440 (80.6)	104 (19.0)	2 (0.4)	0.91 (0.63 - 1.29)	0.5832
42 (7.7)	282 (51.6)	223 (40.8)	42 (7.7)	1.08 (0.88 - 1.34)	0.4537
2 (0.4)	448 (82.2)	95 (17.4)	2 (0.4)	0.92 (0.64 - 1.32)	0.6371
16 (2.9)	398 (73.0)	138 (25.3)	9 (1.7)	1.13 (0.86 - 1.48)	0.3731
47 (8.6)	262 (48.1)	234 (42.9)	49 (9.0)	0.94 (0.76 - 1.18)	0.6101
8 (1.5)	416 (76.6)	121 (22.3)	6 (1.1)	0.95 (0.72 - 1.26)	0.7233
11 (2.0)	353 (64.5)	178 (32.5)	16 (2.9)	0.88 (0.68 - 1.15)	0.3439
6 (1.1)	462 (84.8)	78 (14.3)	5 (0.9)	1.48 (1.06 - 2.06)	0.0226
131 (23.9)	160 (29.3)	257 (47.0)	130 (23.8)	1.11 (0.92 - 1.35)	0.2835
77 (14.1)	238 (43.5)	241 (44.1)	68 (12.4)	1.06 (0.88 - 1.29)	0.5299
121 (22.1)	161 (29.4)	261 (47.7)	125 (22.9)	0.95 (0.78 - 1.14)	0.5622
20 (3.6)	359 (65.5)	173 (31.6)	16 (2.9)	1.09 (0.85 - 1.39)	0.4927
47 (8.6)	268 (49.0)	234 (42.8)	45 (8.2)	0.97 (0.79 - 1.20)	0.7981
34 (6.3)	306 (56.3)	204 (37.5)	34 (6.3)	1.02 (0.81 - 1.28)	0.8637
19 (3.5)	336 (61.5)	185 (33.9)	25 (4.6)	1.12 (0.86 - 1.44)	0.403
11 (2.0)	385 (70.9)	146 (26.9)	12 (2.2)	0.77 (0.57 - 1.04)	0.0864
16 (2.9)	411 (75.1)	125 (22.9)	11 (2.0)	1.44 (1.09 - 1.90)	0.0107
2 (0.4)	456 (83.7)	85 (15.6)	4 (0.7)	0.65 (0.44 - 0.96)	0.0292
26 (4.7)	330 (60.2)	190 (34.7)	28 (5.1)	1.04 (0.83 - 1.32)	0.7158
60 (11.0)	232 (42.6)	238 (43.7)	75 (13.8)	0.78 (0.64 - 0.95)	0.0154
29 (5.3)	316 (58.2)	205 (37.8)	22 (4.1)	1.03 (0.81 - 1.31)	0.8097
18 (3.3)	350 (64.0)	178 (32.5)	19 (3.5)	0.91 (0.71 - 1.17)	0.4501
3 (0.5)	474 (86.8)	65 (11.9)	7 (1.3)	0.70 (0.47 - 1.04)	0.0776
59 (10.8)	226 (41.3)	265 (48.4)	56 (10.2)	0.92 (0.75 - 1.12)	0.4118
3 (0.5)	491 (89.8)	54 (9.9)	2 (0.4)	0.90 (0.60 - 1.35)	0.6163
38 (7.0)	294 (54.2)	205 (37.8)	43 (7.9)	1.05 (0.83 - 1.34)	0.6712
0 (0.0)	471 (86.1)	76 (13.9)	0 (0.0)	0.90 (0.60 - 1.35)	0.6119
3 (0.6)	491 (90.3)	52 (9.6)	1 (0.2)	1.18 (0.80 - 1.75)	0.4106
5 (0.9)	484 (88.3)	63 (11.5)	1 (0.2)	1.50 (0.98 - 2.30)	0.0602
2 (0.4)	457 (83.5)	86 (15.7)	4 (0.7)	0.79 (0.55 - 1.13)	0.2005
2 (0.4)	479 (88.1)	62 (11.4)	3 (0.6)	0.73 (0.48 - 1.11)	0.1419
6 (1.1)	399 (72.8)	140 (25.5)	9 (1.6)	0.87 (0.65 - 1.15)	0.3188
3 (0.5)	451 (82.6)	88 (16.1)	7 (1.3)	1.31 (0.95 - 1.82)	0.1015
2 (0.4)	430 (78.6)	107 (19.6)	10 (1.8)	0.97 (0.71 - 1.33)	0.8706
11 (2.0)	410 (75.1)	124 (22.7)	12 (2.2)	1.32 (1.01 - 1.71)	0.0386
6 (1.1)	420 (76.6)	120 (21.9)	8 (1.5)	1.08 (0.81 - 1.45)	0.6073
7 (1.3)	470 (85.9)	74 (13.5)	3 (0.5)	1.58 (1.13 - 2.22)	0.0073
112 (20.5)	164 (30.0)	279 (51.0)	104 (19.0)	1.11 (0.91 - 1.34)	0.3012
3 (0.5)	435 (79.5)	104 (19.0)	8 (1.5)	0.90 (0.66 - 1.23)	0.5183
91 (16.6)	187 (34.2)	260 (47.5)	100 (18.3)	0.96 (0.79 - 1.16)	0.6617
3 (0.5)	477 (87.0)	67 (12.2)	4 (0.7)	1.15 (0.78 - 1.71)	0.4761
11 (2.0)	400 (73.8)	132 (24.4)	10 (1.8)	1.22 (0.93 - 1.61)	0.1496
89 (16.4)	186 (34.3)	256 (47.2)	100 (18.5)	0.94 (0.77 - 1.13)	0.4944

1 (0.2)	461 (84.3)	80 (14.6)	6 (1.1)	1.20 (0.85 - 1.70)	0.29
111 (20.3)	181 (33.2)	247 (45.2)	118 (21.6)	1.03 (0.86 - 1.24)	0.7434
38 (6.9)	289 (52.8)	215 (39.3)	43 (7.9)	0.91 (0.74 - 1.13)	0.4147
82 (15.1)	200 (36.8)	262 (48.2)	82 (15.1)	0.93 (0.76 - 1.13)	0.4644
123 (22.6)	138 (25.3)	270 (49.5)	137 (25.1)	0.92 (0.76 - 1.11)	0.3833
64 (11.7)	237 (43.3)	241 (44.1)	69 (12.6)	0.89 (0.73 - 1.08)	0.2255
8 (1.5)	466 (85.0)	78 (14.2)	4 (0.7)	1.49 (1.07 - 2.07)	0.0189
1 (0.2)	475 (87.2)	68 (12.5)	2 (0.4)	0.90 (0.60 - 1.35)	0.6077
3 (0.6)	453 (83.7)	84 (15.5)	4 (0.7)	1.02 (0.71 - 1.45)	0.9237
1 (0.2)	474 (86.8)	69 (12.6)	3 (0.5)	0.94 (0.63 - 1.40)	0.7631
46 (8.4)	274 (50.1)	221 (40.4)	52 (9.5)	0.88 (0.72 - 1.08)	0.2379
31 (5.7)	277 (50.8)	237 (43.5)	31 (5.7)	0.93 (0.75 - 1.16)	0.5334
2 (0.4)	472 (86.3)	72 (13.2)	3 (0.5)	1.18 (0.81 - 1.71)	0.3936
31 (5.7)	318 (58.0)	202 (36.9)	28 (5.1)	1.01 (0.80 - 1.27)	0.9553
1 (0.2)	499 (91.2)	48 (8.8)	0 (0.0)	0.72 (0.44 - 1.17)	0.1855
64 (11.7)	222 (40.6)	256 (46.8)	69 (12.6)	1.03 (0.84 - 1.26)	0.7903
3 (0.5)	461 (84.1)	87 (15.9)	0 (0.0)	1.14 (0.80 - 1.62)	0.475
4 (0.7)	449 (82.4)	89 (16.3)	7 (1.3)	1.01 (0.74 - 1.39)	0.9278
115 (21.0)	152 (27.8)	287 (52.5)	108 (19.7)	1.03 (0.85 - 1.25)	0.7678
16 (2.9)	402 (73.6)	127 (23.3)	17 (3.1)	1.15 (0.87 - 1.52)	0.3411
23 (4.2)	364 (66.9)	156 (28.7)	24 (4.4)	1.26 (0.98 - 1.63)	0.0717
28 (5.1)	359 (65.5)	160 (29.2)	29 (5.3)	1.24 (0.97 - 1.59)	0.0919
36 (6.6)	280 (51.2)	225 (41.1)	42 (7.7)	0.99 (0.79 - 1.24)	0.9374
39 (7.1)	281 (51.5)	230 (42.1)	35 (6.4)	0.99 (0.79 - 1.23)	0.9181
67 (12.2)	214 (39.1)	265 (48.4)	68 (12.4)	1.02 (0.84 - 1.25)	0.8359
2 (0.4)	493 (90.0)	54 (9.9)	1 (0.2)	1.00 (0.65 - 1.54)	0.9898
79 (14.4)	194 (35.5)	265 (48.4)	88 (16.1)	0.98 (0.80 - 1.21)	0.8735
40 (7.3)	282 (51.6)	223 (40.8)	41 (7.5)	0.92 (0.74 - 1.14)	0.4398
24 (4.4)	320 (58.5)	200 (36.6)	27 (4.9)	0.85 (0.67 - 1.08)	0.178
17 (3.1)	404 (74.0)	125 (22.9)	17 (3.1)	1.19 (0.90 - 1.58)	0.2156
24 (4.4)	356 (65.1)	157 (28.7)	34 (6.2)	1.08 (0.85 - 1.37)	0.5361
24 (4.4)	375 (68.7)	149 (27.3)	22 (4.0)	1.20 (0.94 - 1.54)	0.1423
13 (2.4)	419 (76.9)	115 (21.1)	11 (2.0)	1.27 (0.94 - 1.72)	0.1217
15 (2.7)	411 (75.3)	120 (22.0)	15 (2.7)	1.29 (0.96 - 1.72)	0.0876
1 (0.2)	507 (92.9)	39 (7.1)	0 (0.0)	1.12 (0.70 - 1.80)	0.6236
2 (0.4)	480 (87.8)	62 (11.3)	5 (0.9)	1.02 (0.69 - 1.52)	0.9096

PD susceptibility: Men Dominant Model OR (95%CI)	PD susceptibility: Men Dominant P-value	PD susceptibility: Men Recessive Model OR (95%CI)	PD susceptibility: Men Recessive P-value	Women Genotype n(%) 1/1 Cases	Women Genotype n(%) 1/2 Cases
0.94 (0.71 - 1.24)	0.6747	1.10 (0.75 - 1.61)	0.6107	126 (39.6)	139 (43.7)
1.01 (0.76 - 1.34)	0.9552	1.06 (0.76 - 1.47)	0.7362	111 (34.3)	161 (49.7)
0.95 (0.66 - 1.36)	0.7754	1.01 (0.29 - 3.50)	0.9858	277 (85.0)	47 (14.4)
1.32 (0.78 - 2.22)	0.2954	0.00 (0.00 -)	0.9797	291 (89.8)	33 (10.2)
0.98 (0.72 - 1.32)	0.8719	1.03 (0.75 - 1.43)	0.8483	90 (27.7)	169 (52.0)
1.05 (0.79 - 1.39)	0.7332	0.97 (0.70 - 1.36)	0.8683	107 (32.8)	168 (51.5)
0.97 (0.72 - 1.31)	0.8644	0.98 (0.71 - 1.34)	0.8819	87 (26.8)	179 (55.1)
1.04 (0.76 - 1.42)	0.7911	1.14 (0.41 - 3.14)	0.8035	239 (73.8)	81 (25.0)
0.94 (0.70 - 1.25)	0.6582	1.17 (0.84 - 1.64)	0.3493	113 (34.9)	162 (50.0)
0.97 (0.72 - 1.31)	0.8637	0.98 (0.71 - 1.34)	0.8824	87 (26.8)	178 (54.8)
1.27 (0.79 - 2.05)	0.3254	1.02 (0.06 -	0.9906	288 (88.6)	34 (10.5)
1.14 (0.83 - 1.56)	0.4189	0.49 (0.17 - 1.43)	0.1924	239 (73.5)	82 (25.2)
1.07 (0.75 - 1.52)	0.724	0.50 (0.05 - 5.49)	0.5684	266 (82.4)	55 (17.0)
1.09 (0.83 - 1.42)	0.541	1.04 (0.58 - 1.87)	0.8833	195 (60.0)	113 (34.8)
1.37 (0.93 - 2.03)	0.114	1.00 (0.14 - 7.09)	0.9992	275 (84.4)	46 (14.1)
1.23 (0.90 - 1.69)	0.1956	0.57 (0.17 - 1.94)	0.3662	248 (76.3)	68 (20.9)
0.88 (0.65 - 1.17)	0.3775	1.61 (0.73 - 3.55)	0.2384	212 (65.0)	101 (31.0)
0.83 (0.64 - 1.08)	0.1613	1.15 (0.69 - 1.94)	0.5867	166 (51.2)	131 (40.4)
1.12 (0.86 - 1.48)	0.3988	0.92 (0.42 - 2.01)	0.8282	214 (65.6)	94 (28.8)
0.88 (0.66 - 1.19)	0.413	1.15 (0.85 - 1.55)	0.358	85 (26.2)	155 (47.7)
0.94 (0.62 - 1.41)	0.755	1.98 (0.18 -	0.5776	285 (88.0)	36 (11.1)
1.01 (0.75 - 1.35)	0.9554	0.95 (0.70 - 1.28)	0.7168	81 (25.1)	169 (52.3)
0.82 (0.59 - 1.14)	0.2436	1.80 (0.60 - 5.38)	0.2906	276 (84.7)	47 (14.4)
0.90 (0.67 - 1.20)	0.4538	0.91 (0.64 - 1.30)	0.6018	111 (34.2)	159 (48.9)
0.92 (0.70 - 1.20)	0.5445	1.21 (0.73 - 2.02)	0.4595	179 (55.1)	126 (38.8)
1.40 (1.05 - 1.88)	0.0232	1.09 (0.48 - 2.47)	0.8354	210 (65.0)	103 (31.9)
0.92 (0.71 - 1.19)	0.5267	1.05 (0.68 - 1.61)	0.8295	142 (43.7)	141 (43.4)
1.02 (0.77 - 1.35)	0.8821	1.54 (0.80 - 2.95)	0.1949	201 (62.0)	109 (33.6)
0.87 (0.67 - 1.14)	0.3072	1.04 (0.64 - 1.69)	0.8848	183 (56.5)	119 (36.7)
1.00 (0.74 - 1.35)	0.9935	1.07 (0.78 - 1.47)	0.6687	82 (25.2)	168 (51.7)
1.18 (0.90 - 1.56)	0.2322	0.83 (0.56 - 1.22)	0.3343	112 (34.4)	168 (51.5)
0.93 (0.71 - 1.23)	0.6149	1.36 (0.62 - 2.96)	0.4388	219 (67.4)	102 (31.4)
0.93 (0.71 - 1.22)	0.6184	0.94 (0.63 - 1.40)	0.7558	159 (48.9)	135 (41.5)
0.99 (0.74 - 1.33)	0.9403	1.00 (0.46 - 2.16)	0.9978	243 (74.8)	72 (22.2)
0.85 (0.65 - 1.13)	0.262	0.83 (0.41 - 1.69)	0.613	202 (62.0)	106 (32.5)
1.35 (0.84 - 2.19)	0.22	0.51 (0.13 - 2.05)	0.3441	285 (88.8)	29 (9.0)
1.00 (0.71 - 1.42)	0.9812	1.40 (0.44 - 4.41)	0.5664	255 (78.2)	68 (20.9)
1.62 (1.13 - 2.33)	0.0093	2.97 (0.80 -	0.103	273 (83.7)	51 (15.6)
0.81 (0.54 - 1.21)	0.2997	0.13 (0.02 - 1.00)	0.0505	280 (87.0)	39 (12.1)
0.55 (0.30 - 0.99)	0.0481	527867.9 (0.00 -)	0.9857	306 (93.9)	20 (6.1)
1.12 (0.77 - 1.63)	0.5636	0.33 (0.03 - 3.19)	0.3394	281 (86.2)	42 (12.9)
0.88 (0.68 - 1.16)	0.3689	0.75 (0.48 - 1.15)	0.1881	160 (49.5)	135 (41.8)
0.84 (0.64 - 1.11)	0.2255	0.86 (0.41 - 1.81)	0.6851	217 (67.2)	97 (30.0)
0.75 (0.57 - 1.00)	0.0463	0.79 (0.54 - 1.15)	0.2209	116 (36.0)	147 (45.7)
1.00 (0.76 - 1.33)	0.9848	1.05 (0.76 - 1.43)	0.7834	97 (29.9)	161 (49.7)
1.02 (0.78 - 1.34)	0.8784	1.85 (1.09 - 3.15)	0.0228	160 (49.2)	143 (44.0)
1.18 (0.90 - 1.55)	0.2369	0.91 (0.56 - 1.48)	0.7054	153 (47.1)	142 (43.7)
1.35 (0.99 - 1.85)	0.0586	1.16 (0.39 - 3.44)	0.7944	241 (74.4)	79 (24.4)

1.35 (0.98 - 1.86)	0.0662	0.64 (0.25 - 1.64)	0.3504	235 (72.5)	78 (24.1)
0.93 (0.71 - 1.23)	0.6297	1.16 (0.72 - 1.86)	0.5467	148 (45.7)	152 (46.9)
1.16 (0.88 - 1.52)	0.2933	1.33 (0.73 - 2.41)	0.352	200 (61.3)	110 (33.7)
0.75 (0.56 - 0.99)	0.0406	0.79 (0.43 - 1.44)	0.4458	184 (56.6)	126 (38.8)
0.92 (0.70 - 1.20)	0.537	0.84 (0.55 - 1.27)	0.4048	171 (52.6)	122 (37.5)
1.41 (1.04 - 1.91)	0.0279	1.06 (0.76 - 1.48)	0.726	100 (30.8)	156 (48.0)
0.78 (0.59 - 1.04)	0.0953	1.32 (0.69 - 2.52)	0.4066	201 (61.7)	105 (32.2)
1.05 (0.78 - 1.41)	0.7508	0.87 (0.43 - 1.75)	0.7006	210 (64.4)	112 (34.4)
1.09 (0.82 - 1.46)	0.549	1.08 (0.49 - 2.37)	0.8489	220 (68.1)	97 (30.0)
1.06 (0.82 - 1.38)	0.6382	1.20 (0.76 - 1.90)	0.4216	128 (39.5)	166 (51.2)
0.90 (0.63 - 1.29)	0.5828	0.96 (0.06 -	0.9761	273 (84.0)	51 (15.7)
1.14 (0.87 - 1.49)	0.3376	1.00 (0.62 - 1.62)	0.9991	151 (46.3)	145 (44.5)
0.91 (0.63 - 1.32)	0.6369	0.96 (0.06 -	0.9769	276 (84.9)	48 (14.8)
1.08 (0.79 - 1.47)	0.6299	1.87 (0.79 - 4.40)	0.1543	240 (73.8)	79 (24.3)
0.93 (0.70 - 1.23)	0.6127	0.94 (0.59 - 1.51)	0.8066	149 (45.7)	144 (44.2)
0.92 (0.67 - 1.25)	0.5856	1.33 (0.46 - 3.85)	0.5935	246 (76.2)	75 (23.2)
0.91 (0.68 - 1.21)	0.5004	0.55 (0.20 - 1.47)	0.2323	229 (70.2)	88 (27.0)
1.56 (1.08 - 2.24)	0.0165	1.25 (0.34 - 4.66)	0.7381	255 (78.5)	66 (20.3)
1.28 (0.95 - 1.74)	0.1098	1.01 (0.74 - 1.38)	0.9431	86 (26.5)	160 (49.2)
1.04 (0.79 - 1.36)	0.7923	1.18 (0.81 - 1.72)	0.3885	134 (41.2)	150 (46.2)
0.91 (0.68 - 1.23)	0.5504	0.95 (0.69 - 1.30)	0.748	89 (27.4)	178 (54.8)
1.08 (0.81 - 1.44)	0.6066	1.28 (0.64 - 2.58)	0.4838	217 (66.6)	94 (28.8)
0.94 (0.72 - 1.23)	0.6372	1.06 (0.67 - 1.67)	0.8108	141 (43.3)	159 (48.8)
1.03 (0.78 - 1.36)	0.8313	1.00 (0.58 - 1.72)	0.9953	162 (49.8)	140 (43.1)
1.24 (0.92 - 1.67)	0.1566	0.70 (0.35 - 1.39)	0.3083	194 (59.9)	112 (34.6)
0.74 (0.53 - 1.02)	0.0688	0.88 (0.32 - 2.41)	0.7973	246 (75.9)	74 (22.8)
1.48 (1.08 - 2.01)	0.0134	1.62 (0.67 - 3.90)	0.2855	235 (72.3)	83 (25.5)
0.63 (0.41 - 0.96)	0.0305	0.50 (0.09 - 2.74)	0.4249	259 (79.9)	64 (19.8)
1.09 (0.82 - 1.44)	0.561	0.91 (0.51 - 1.65)	0.7619	178 (54.6)	129 (39.6)
0.73 (0.55 - 0.95)	0.0207	0.74 (0.50 - 1.10)	0.135	145 (44.9)	140 (43.3)
0.97 (0.74 - 1.28)	0.8364	1.46 (0.76 - 2.82)	0.2562	181 (56.0)	124 (38.4)
0.90 (0.68 - 1.19)	0.4417	0.93 (0.44 - 1.98)	0.8468	203 (62.3)	108 (33.1)
0.71 (0.46 - 1.10)	0.1245	0.33 (0.07 - 1.65)	0.1782	291 (90.4)	29 (9.0)
0.85 (0.65 - 1.10)	0.2076	1.07 (0.70 - 1.64)	0.7404	151 (46.5)	134 (41.2)
0.86 (0.56 - 1.34)	0.513	1.48 (0.25 - 8.89)	0.6664	292 (89.8)	31 (9.5)
1.14 (0.85 - 1.53)	0.3753	0.84 (0.49 - 1.42)	0.5069	171 (52.9)	123 (38.1)
0.90 (0.60 - 1.35)	0.6119	(-)	--	284 (87.1)	42 (12.9)
1.15 (0.76 - 1.75)	0.509	3.04 (0.32 -	0.3353	286 (87.7)	38 (11.7)
1.44 (0.92 - 2.26)	0.1143	4.96 (0.58 -	0.1439	279 (85.6)	45 (13.8)
0.80 (0.54 - 1.17)	0.2475	0.33 (0.03 - 3.17)	0.3364	276 (85.2)	44 (13.6)
0.71 (0.45 - 1.12)	0.1398	0.67 (0.11 - 3.99)	0.6566	279 (86.1)	45 (13.9)
0.88 (0.65 - 1.19)	0.4029	0.63 (0.20 - 1.91)	0.4107	224 (68.7)	97 (29.8)
1.49 (1.04 - 2.14)	0.0306	0.43 (0.11 - 1.65)	0.2179	249 (76.6)	67 (20.6)
1.09 (0.78 - 1.54)	0.6054	0.20 (0.04 - 0.91)	0.0377	239 (73.5)	82 (25.2)
1.45 (1.07 - 1.94)	0.0148	0.91 (0.38 - 2.14)	0.8227	228 (70.2)	93 (28.6)
1.13 (0.82 - 1.55)	0.4667	0.72 (0.23 - 2.26)	0.5699	243 (74.8)	73 (22.5)
1.60 (1.12 - 2.30)	0.0104	2.36 (0.61 - 9.13)	0.2141	279 (85.6)	43 (13.2)
1.15 (0.86 - 1.53)	0.3458	1.12 (0.81 - 1.55)	0.5002	108 (33.2)	155 (47.7)
0.96 (0.69 - 1.33)	0.7915	0.28 (0.06 - 1.36)	0.1153	262 (80.4)	61 (18.7)
1.00 (0.75 - 1.33)	0.9985	0.88 (0.63 - 1.23)	0.4474	92 (28.2)	170 (52.1)
1.20 (0.79 - 1.82)	0.3917	0.76 (0.17 - 3.40)	0.7182	269 (82.8)	55 (16.9)
1.26 (0.93 - 1.70)	0.1345	1.14 (0.41 - 3.16)	0.7946	248 (76.3)	68 (20.9)
0.97 (0.73 - 1.29)	0.8243	0.85 (0.61 - 1.19)	0.3499	92 (28.5)	167 (51.7)

1.34 (0.93 - 1.92)	0.1184	0.17 (0.02 - 1.41)	0.1001	267 (81.9)	53 (16.3)
1.15 (0.87 - 1.53)	0.3196	0.91 (0.66 - 1.26)	0.5701	119 (36.5)	156 (47.9)
0.91 (0.69 - 1.19)	0.4957	0.86 (0.53 - 1.39)	0.5361	185 (56.9)	124 (38.2)
0.86 (0.65 - 1.14)	0.2902	1.00 (0.71 - 1.42)	0.9917	133 (40.8)	153 (46.9)
0.95 (0.70 - 1.29)	0.7498	0.84 (0.62 - 1.15)	0.2761	76 (23.3)	157 (48.2)
0.83 (0.64 - 1.09)	0.179	0.91 (0.62 - 1.33)	0.6256	156 (47.9)	143 (43.9)
1.49 (1.04 - 2.12)	0.0282	2.36 (0.61 - 9.13)	0.2141	276 (84.9)	45 (13.8)
0.92 (0.61 - 1.39)	0.6769	0.50 (0.05 - 5.51)	0.5712	289 (89.2)	34 (10.5)
1.04 (0.71 - 1.51)	0.8427	0.75 (0.17 - 3.33)	0.7011	278 (85.8)	45 (13.9)
0.98 (0.65 - 1.48)	0.9169	0.33 (0.03 - 3.20)	0.3403	288 (88.3)	37 (11.3)
0.85 (0.65 - 1.12)	0.2473	0.87 (0.57 - 1.33)	0.5182	182 (55.8)	124 (38.0)
0.90 (0.69 - 1.18)	0.4555	1.00 (0.58 - 1.72)	0.9917	190 (58.3)	118 (36.2)
1.21 (0.82 - 1.78)	0.3286	0.67 (0.11 - 4.03)	0.664	288 (88.6)	36 (11.1)
0.98 (0.74 - 1.29)	0.885	1.15 (0.63 - 2.09)	0.6475	189 (58.0)	121 (37.1)
0.69 (0.42 - 1.13)	0.1393	543269.0 (0.00 -)	0.9857	298 (91.7)	26 (8.0)
1.10 (0.84 - 1.43)	0.494	0.90 (0.60 - 1.35)	0.6036	133 (40.8)	143 (43.9)
1.09 (0.76 - 1.57)	0.6431	1475590 (0.00 -)	0.9838	273 (84.0)	48 (14.8)
1.06 (0.76 - 1.50)	0.7217	0.57 (0.17 - 1.96)	0.3761	262 (80.4)	62 (19.0)
0.99 (0.74 - 1.32)	0.9291	1.11 (0.79 - 1.54)	0.5523	95 (29.2)	162 (49.8)
1.21 (0.88 - 1.67)	0.2434	0.93 (0.44 - 1.99)	0.8578	219 (67.4)	94 (28.9)
1.37 (1.03 - 1.84)	0.0333	0.94 (0.47 - 1.90)	0.8653	196 (60.7)	110 (34.1)
1.38 (1.02 - 1.87)	0.0363	0.96 (0.53 - 1.76)	0.9031	186 (57.2)	116 (35.7)
1.05 (0.79 - 1.39)	0.735	0.82 (0.50 - 1.35)	0.4407	182 (55.8)	120 (36.8)
0.95 (0.73 - 1.24)	0.6878	1.16 (0.68 - 1.96)	0.5853	172 (52.8)	125 (38.3)
1.05 (0.80 - 1.39)	0.7176	0.98 (0.67 - 1.43)	0.9196	137 (42.0)	144 (44.2)
0.98 (0.62 - 1.54)	0.9181	2.01 (0.18 -	0.5688	300 (92.0)	25 (7.7)
1.07 (0.80 - 1.44)	0.6528	0.85 (0.59 - 1.24)	0.401	109 (33.4)	156 (47.9)
0.88 (0.67 - 1.16)	0.3637	0.97 (0.59 - 1.58)	0.8909	177 (54.3)	119 (36.5)
0.82 (0.62 - 1.09)	0.1765	0.86 (0.46 - 1.59)	0.628	197 (60.8)	115 (35.5)
1.27 (0.92 - 1.76)	0.1537	1.01 (0.48 - 2.11)	0.9886	218 (67.3)	94 (29.0)
1.24 (0.93 - 1.66)	0.1401	0.64 (0.36 - 1.16)	0.1452	189 (58.2)	119 (36.6)
1.26 (0.94 - 1.69)	0.1164	1.11 (0.60 - 2.07)	0.7341	198 (61.1)	109 (33.6)
1.31 (0.93 - 1.83)	0.1198	1.25 (0.49 - 3.18)	0.6334	227 (70.3)	87 (26.9)
1.38 (0.99 - 1.92)	0.0537	1.01 (0.45 - 2.24)	0.987	225 (69.2)	86 (26.5)
1.10 (0.68 - 1.77)	0.7023	525685.8 (0.00 -)	0.9857	299 (91.7)	27 (8.3)
1.10 (0.72 - 1.67)	0.6635	0.25 (0.03 - 2.26)	0.2188	286 (88.0)	36 (11.1)

Women Genotype n(%) 2/2 Cases	Women Genotype n(%) 1/1 Controls	Women Genotype n(%) 1/2 Controls	Women Genotype n(%) 2/2 Controls	PD susceptibility: Women Trend Model OR (95%CI)	PD susceptibility: Women Trend P-value
53 (16.7)	122 (38.4)	142 (44.7)	54 (17.0)	0.95 (0.74 - 1.22)	0.6958
52 (16.0)	111 (34.3)	161 (49.7)	52 (16.0)	1.00 (0.78 - 1.28)	0.9872
2 (0.6)	269 (82.5)	54 (16.6)	3 (0.9)	0.81 (0.52 - 1.24)	0.3252
0 (0.0)	291 (89.8)	32 (9.9)	1 (0.3)	0.94 (0.50 - 1.80)	0.863
66 (20.3)	93 (28.6)	161 (49.5)	71 (21.8)	0.97 (0.75 - 1.25)	0.8068
51 (15.6)	104 (31.9)	162 (49.7)	60 (18.4)	0.92 (0.71 - 1.19)	0.5134
59 (18.2)	90 (27.7)	163 (50.2)	72 (22.2)	0.93 (0.72 - 1.20)	0.5775
4 (1.2)	240 (74.1)	77 (23.8)	7 (2.2)	0.95 (0.67 - 1.34)	0.7616
49 (15.1)	114 (35.2)	163 (50.3)	47 (14.5)	1.02 (0.79 - 1.32)	0.8677
60 (18.5)	90 (27.7)	164 (50.5)	71 (21.8)	0.95 (0.74 - 1.22)	0.669
3 (0.9)	284 (87.4)	39 (12.0)	2 (0.6)	0.88 (0.52 - 1.48)	0.6201
4 (1.2)	249 (76.6)	67 (20.6)	9 (2.8)	1.12 (0.75 - 1.67)	0.5819
2 (0.6)	278 (86.1)	43 (13.3)	2 (0.6)	1.45 (0.90 - 2.33)	0.131
17 (5.2)	211 (64.9)	98 (30.2)	16 (4.9)	1.20 (0.90 - 1.58)	0.2089
5 (1.5)	270 (82.8)	56 (17.2)	0 (0.0)	1.02 (0.64 - 1.63)	0.9427
9 (2.8)	245 (75.4)	77 (23.7)	3 (0.9)	1.07 (0.74 - 1.56)	0.7214
13 (4.0)	220 (67.5)	95 (29.1)	11 (3.4)	1.13 (0.81 - 1.58)	0.4823
27 (8.3)	169 (52.2)	131 (40.4)	24 (7.4)	1.05 (0.80 - 1.39)	0.7171
18 (5.5)	211 (64.7)	106 (32.5)	9 (2.8)	1.09 (0.80 - 1.48)	0.5791
85 (26.2)	79 (24.3)	164 (50.5)	82 (25.2)	0.97 (0.76 - 1.24)	0.8217
3 (0.9)	286 (88.3)	37 (11.4)	1 (0.3)	1.11 (0.68 - 1.81)	0.6688
73 (22.6)	89 (27.6)	158 (48.9)	76 (23.5)	1.04 (0.80 - 1.34)	0.7865
3 (0.9)	255 (78.2)	65 (19.9)	6 (1.8)	0.58 (0.37 - 0.89)	0.0128
55 (16.9)	110 (33.8)	159 (48.9)	56 (17.2)	0.97 (0.76 - 1.26)	0.843
20 (6.2)	192 (59.1)	107 (32.9)	26 (8.0)	1.08 (0.82 - 1.41)	0.5856
10 (3.1)	204 (63.2)	106 (32.8)	13 (4.0)	0.87 (0.63 - 1.20)	0.3972
42 (12.9)	143 (44.0)	144 (44.3)	38 (11.7)	1.03 (0.80 - 1.34)	0.803
14 (4.3)	216 (66.7)	90 (27.8)	18 (5.6)	1.14 (0.84 - 1.55)	0.3905
22 (6.8)	170 (52.5)	134 (41.4)	20 (6.2)	0.88 (0.66 - 1.16)	0.3536
75 (23.1)	85 (26.2)	163 (50.2)	77 (23.7)	0.99 (0.77 - 1.27)	0.9533
46 (14.1)	144 (44.2)	134 (41.1)	48 (14.7)	1.29 (1.00 - 1.68)	0.0514
4 (1.2)	231 (71.1)	86 (26.5)	8 (2.5)	1.17 (0.81 - 1.68)	0.409
31 (9.5)	144 (44.3)	152 (46.8)	29 (8.9)	0.90 (0.69 - 1.16)	0.4062
10 (3.1)	220 (67.7)	94 (28.9)	11 (3.4)	0.68 (0.48 - 0.97)	0.0315
18 (5.5)	202 (62.0)	108 (33.1)	16 (4.9)	1.01 (0.75 - 1.35)	0.9557
7 (2.2)	283 (88.2)	31 (9.7)	7 (2.2)	0.92 (0.57 - 1.46)	0.7145
3 (0.9)	263 (80.7)	62 (19.0)	1 (0.3)	1.20 (0.80 - 1.80)	0.3711
2 (0.6)	267 (81.9)	54 (16.6)	5 (1.5)	0.77 (0.48 - 1.24)	0.2865
3 (0.9)	285 (88.5)	34 (10.6)	3 (0.9)	1.17 (0.73 - 1.88)	0.5243
0 (0.0)	305 (93.6)	20 (6.1)	1 (0.3)	0.88 (0.44 - 1.77)	0.7213
3 (0.9)	279 (85.6)	45 (13.8)	2 (0.6)	0.97 (0.60 - 1.57)	0.9037
28 (8.7)	167 (51.7)	122 (37.8)	34 (10.5)	1.02 (0.76 - 1.35)	0.9155
9 (2.8)	219 (67.8)	93 (28.8)	11 (3.4)	0.99 (0.71 - 1.39)	0.9629
59 (18.3)	113 (35.1)	157 (48.8)	52 (16.1)	1.03 (0.79 - 1.35)	0.8297
66 (20.4)	102 (31.5)	163 (50.3)	59 (18.2)	1.10 (0.85 - 1.41)	0.4815
22 (6.8)	161 (49.5)	137 (42.2)	27 (8.3)	0.96 (0.70 - 1.30)	0.7846
30 (9.2)	150 (46.2)	143 (44.0)	32 (9.8)	0.95 (0.70 - 1.29)	0.7568
4 (1.2)	234 (72.2)	81 (25.0)	9 (2.8)	0.82 (0.56 - 1.19)	0.2923

11 (3.4)	232 (71.6)	82 (25.3)	10 (3.1)	0.97 (0.69 - 1.36)	0.8664
24 (7.4)	152 (46.9)	140 (43.2)	32 (9.9)	0.97 (0.72 - 1.31)	0.8476
16 (4.9)	204 (62.6)	104 (31.9)	18 (5.5)	1.01 (0.74 - 1.38)	0.9434
15 (4.6)	178 (54.8)	128 (39.4)	19 (5.8)	0.89 (0.66 - 1.20)	0.4545
32 (9.8)	167 (51.4)	126 (38.8)	32 (9.8)	0.97 (0.72 - 1.29)	0.8134
69 (21.2)	101 (31.1)	161 (49.5)	63 (19.4)	1.06 (0.82 - 1.38)	0.6466
20 (6.1)	201 (61.7)	108 (33.1)	17 (5.2)	1.04 (0.76 - 1.42)	0.7961
4 (1.2)	210 (64.4)	100 (30.7)	16 (4.9)	0.85 (0.60 - 1.20)	0.3586
6 (1.9)	214 (66.3)	95 (29.4)	14 (4.3)	0.83 (0.59 - 1.16)	0.2769
30 (9.3)	127 (39.2)	163 (50.3)	34 (10.5)	0.95 (0.70 - 1.31)	0.7728
1 (0.3)	265 (81.5)	60 (18.5)	0 (0.0)	0.82 (0.50 - 1.35)	0.4336
30 (9.2)	149 (45.7)	145 (44.5)	32 (9.8)	0.96 (0.71 - 1.30)	0.8125
1 (0.3)	271 (83.4)	54 (16.6)	0 (0.0)	0.90 (0.54 - 1.50)	0.6825
6 (1.8)	229 (70.5)	85 (26.2)	11 (3.4)	0.78 (0.54 - 1.11)	0.1702
33 (10.1)	139 (42.6)	148 (45.4)	39 (12.0)	0.86 (0.65 - 1.14)	0.2894
2 (0.6)	237 (73.4)	84 (26.0)	2 (0.6)	0.85 (0.57 - 1.28)	0.4377
9 (2.8)	221 (67.8)	98 (30.1)	7 (2.1)	0.92 (0.66 - 1.30)	0.6456
4 (1.2)	261 (80.3)	61 (18.8)	3 (0.9)	1.19 (0.78 - 1.81)	0.4237
79 (24.3)	102 (31.4)	139 (42.8)	84 (25.8)	1.10 (0.85 - 1.42)	0.464
41 (12.6)	147 (45.2)	136 (41.8)	42 (12.9)	1.12 (0.86 - 1.47)	0.3994
58 (17.8)	105 (32.3)	151 (46.5)	69 (21.2)	1.04 (0.78 - 1.38)	0.7889
15 (4.6)	204 (62.6)	103 (31.6)	19 (5.8)	0.80 (0.58 - 1.11)	0.1817
26 (8.0)	141 (43.3)	147 (45.1)	38 (11.7)	0.89 (0.66 - 1.19)	0.4188
23 (7.1)	161 (49.5)	141 (43.4)	23 (7.1)	1.01 (0.74 - 1.37)	0.9661
18 (5.6)	192 (59.3)	119 (36.7)	13 (4.0)	1.05 (0.77 - 1.43)	0.7677
4 (1.2)	247 (76.2)	72 (22.2)	5 (1.5)	1.02 (0.68 - 1.52)	0.9305
7 (2.2)	230 (70.8)	87 (26.8)	8 (2.5)	0.88 (0.59 - 1.31)	0.5285
1 (0.3)	261 (80.6)	63 (19.4)	0 (0.0)	1.11 (0.68 - 1.82)	0.685
19 (5.8)	180 (55.2)	125 (38.3)	21 (6.4)	1.02 (0.75 - 1.39)	0.9138
38 (11.8)	156 (48.3)	128 (39.6)	39 (12.1)	1.11 (0.83 - 1.48)	0.4872
18 (5.6)	175 (54.2)	128 (39.6)	20 (6.2)	0.91 (0.66 - 1.25)	0.5613
15 (4.6)	201 (61.7)	109 (33.4)	16 (4.9)	0.97 (0.71 - 1.34)	0.8598
2 (0.6)	290 (90.1)	31 (9.6)	1 (0.3)	0.97 (0.57 - 1.66)	0.9248
40 (12.3)	148 (45.5)	147 (45.2)	30 (9.2)	1.06 (0.81 - 1.39)	0.6468
2 (0.6)	288 (88.6)	36 (11.1)	1 (0.3)	0.90 (0.53 - 1.51)	0.6839
29 (9.0)	166 (51.4)	132 (40.9)	25 (7.7)	1.00 (0.75 - 1.32)	0.9791
0 (0.0)	288 (88.3)	38 (11.7)	0 (0.0)	1.20 (0.67 - 2.15)	0.5396
2 (0.6)	296 (90.8)	29 (8.9)	1 (0.3)	1.47 (0.86 - 2.51)	0.1622
2 (0.6)	286 (87.7)	38 (11.7)	2 (0.6)	1.23 (0.75 - 2.04)	0.4114
4 (1.2)	276 (85.2)	45 (13.9)	3 (0.9)	1.02 (0.64 - 1.61)	0.9374
0 (0.0)	279 (86.1)	44 (13.6)	1 (0.3)	0.97 (0.59 - 1.61)	0.9096
5 (1.5)	232 (71.2)	90 (27.6)	4 (1.2)	1.19 (0.82 - 1.73)	0.3562
9 (2.8)	249 (76.6)	71 (21.8)	5 (1.5)	1.07 (0.74 - 1.55)	0.7076
4 (1.2)	249 (76.6)	72 (22.2)	4 (1.2)	1.26 (0.83 - 1.92)	0.2809
4 (1.2)	223 (68.6)	90 (27.7)	12 (3.7)	0.82 (0.57 - 1.17)	0.2713
9 (2.8)	236 (72.6)	79 (24.3)	10 (3.1)	0.87 (0.60 - 1.26)	0.4687
4 (1.2)	279 (85.6)	41 (12.6)	6 (1.8)	0.95 (0.60 - 1.51)	0.8294
62 (19.1)	98 (30.2)	157 (48.3)	70 (21.5)	0.87 (0.68 - 1.12)	0.2752
3 (0.9)	279 (85.6)	44 (13.5)	3 (0.9)	1.68 (1.01 - 2.78)	0.0445
64 (19.6)	100 (30.7)	159 (48.8)	67 (20.6)	1.05 (0.81 - 1.36)	0.719
1 (0.3)	267 (82.2)	55 (16.9)	3 (0.9)	0.90 (0.59 - 1.38)	0.6253
9 (2.8)	250 (76.9)	66 (20.3)	9 (2.8)	1.03 (0.71 - 1.49)	0.8796
64 (19.8)	100 (31.0)	159 (49.2)	64 (19.8)	1.08 (0.83 - 1.39)	0.5762

6 (1.8)	260 (79.8)	64 (19.6)	2 (0.6)	0.96 (0.63 - 1.44)	0.8276
51 (15.6)	108 (33.1)	166 (50.9)	52 (16.0)	0.90 (0.70 - 1.15)	0.3941
16 (4.9)	176 (54.2)	123 (37.8)	26 (8.0)	0.82 (0.62 - 1.09)	0.1672
40 (12.3)	128 (39.3)	146 (44.8)	52 (16.0)	0.87 (0.67 - 1.12)	0.2718
93 (28.5)	85 (26.1)	155 (47.5)	86 (26.4)	1.14 (0.89 - 1.47)	0.3026
27 (8.3)	157 (48.2)	135 (41.4)	34 (10.4)	0.94 (0.72 - 1.22)	0.6244
4 (1.2)	277 (85.2)	42 (12.9)	6 (1.8)	0.98 (0.62 - 1.55)	0.9236
1 (0.3)	298 (92.0)	24 (7.4)	2 (0.6)	1.44 (0.78 - 2.68)	0.2449
1 (0.3)	288 (88.9)	34 (10.5)	2 (0.6)	1.37 (0.80 - 2.34)	0.2558
1 (0.3)	298 (91.4)	26 (8.0)	2 (0.6)	1.44 (0.81 - 2.55)	0.2088
20 (6.1)	170 (52.1)	126 (38.7)	30 (9.2)	0.80 (0.60 - 1.06)	0.1154
18 (5.5)	188 (57.7)	125 (38.3)	13 (4.0)	1.03 (0.76 - 1.39)	0.8509
1 (0.3)	293 (90.2)	30 (9.2)	2 (0.6)	1.16 (0.68 - 1.98)	0.5906
16 (4.9)	183 (56.1)	119 (36.5)	24 (7.4)	0.87 (0.65 - 1.15)	0.3326
1 (0.3)	297 (91.4)	27 (8.3)	1 (0.3)	0.95 (0.48 - 1.89)	0.8844
50 (15.3)	126 (38.7)	145 (44.5)	55 (16.9)	0.92 (0.72 - 1.17)	0.5138
4 (1.2)	267 (82.2)	55 (16.9)	3 (0.9)	0.89 (0.56 - 1.40)	0.604
2 (0.6)	271 (83.1)	52 (16.0)	3 (0.9)	1.21 (0.78 - 1.88)	0.4018
68 (20.9)	96 (29.5)	168 (51.7)	61 (18.8)	1.07 (0.81 - 1.41)	0.6399
12 (3.7)	251 (77.2)	68 (20.9)	6 (1.8)	1.80 (1.25 - 2.59)	0.0016
17 (5.3)	224 (69.3)	88 (27.2)	11 (3.4)	1.64 (1.16 - 2.32)	0.0051
23 (7.1)	198 (60.9)	111 (34.2)	16 (4.9)	1.24 (0.92 - 1.68)	0.1632
24 (7.4)	167 (51.2)	138 (42.3)	21 (6.4)	0.87 (0.65 - 1.17)	0.3551
29 (8.9)	170 (52.1)	128 (39.3)	28 (8.6)	0.98 (0.75 - 1.29)	0.9073
45 (13.8)	146 (44.8)	148 (45.4)	32 (9.8)	1.20 (0.92 - 1.56)	0.1872
1 (0.3)	302 (92.6)	24 (7.4)	0 (0.0)	1.23 (0.60 - 2.49)	0.5741
61 (18.7)	130 (39.9)	149 (45.7)	47 (14.4)	1.37 (1.06 - 1.77)	0.0177
30 (9.2)	168 (51.5)	126 (38.7)	32 (9.8)	0.91 (0.69 - 1.19)	0.4844
12 (3.7)	201 (62.0)	110 (34.0)	13 (4.0)	1.01 (0.75 - 1.37)	0.928
12 (3.7)	248 (76.5)	71 (21.9)	5 (1.5)	1.81 (1.25 - 2.62)	0.0016
17 (5.2)	211 (64.9)	99 (30.5)	15 (4.6)	1.36 (0.99 - 1.86)	0.0565
17 (5.2)	233 (71.9)	80 (24.7)	11 (3.4)	1.75 (1.24 - 2.46)	0.0013
9 (2.8)	259 (80.2)	59 (18.3)	5 (1.5)	1.97 (1.31 - 2.96)	0.001
14 (4.3)	257 (79.1)	62 (19.1)	6 (1.8)	1.98 (1.34 - 2.92)	0.0006
0 (0.0)	301 (92.3)	25 (7.7)	0 (0.0)	1.14 (0.57 - 2.29)	0.7077
3 (0.9)	264 (81.2)	57 (17.5)	4 (1.2)	0.52 (0.32 - 0.84)	0.008

PD susceptibility: Women Dominant Model OR (95%CI)	PD susceptibility: Women Dominant P-value	PD susceptibility: Women Recessive Model OR (95%CI)	PD susceptibility: Women Recessive P-value	CC Genotype n(%) 1/1 Cases	CC Genotype n(%) 1/2 Cases
0.92 (0.64 - 1.31)	0.6296	0.98 (0.61 - 1.57)	0.9316	176 (41.8)	187 (44.4)
1.00 (0.71 - 1.41)	0.9926	1.00 (0.62 - 1.60)	0.9856	148 (33.7)	217 (49.4)
0.80 (0.50 - 1.27)	0.3449	0.65 (0.11 - 3.90)	0.6354	368 (83.1)	71 (16.0)
1.00 (0.51 - 1.96)	0.9947	0.00 (0.00 -)	0.9857	405 (92.5)	33 (7.5)
1.04 (0.72 - 1.51)	0.8267	0.86 (0.56 - 1.33)	0.4999	118 (26.9)	224 (51.0)
0.96 (0.65 - 1.42)	0.8447	0.83 (0.54 - 1.27)	0.3841	149 (33.7)	215 (48.6)
1.09 (0.73 - 1.63)	0.6822	0.77 (0.51 - 1.15)	0.1991	126 (28.4)	227 (51.2)
0.99 (0.67 - 1.47)	0.9687	0.57 (0.17 - 1.94)	0.3672	329 (74.9)	101 (23.0)
1.02 (0.71 - 1.45)	0.9197	1.05 (0.64 - 1.71)	0.8543	155 (35.1)	216 (49.0)
1.09 (0.73 - 1.63)	0.6838	0.80 (0.54 - 1.20)	0.2809	126 (28.6)	225 (51.0)
0.82 (0.46 - 1.45)	0.4951	1.97 (0.18 -	0.5795	395 (89.6)	44 (10.0)
1.33 (0.84 - 2.10)	0.2206	0.42 (0.13 - 1.38)	0.1555	329 (74.6)	108 (24.5)
1.47 (0.90 - 2.38)	0.1223	0.90 (0.06 -	0.941	357 (81.5)	80 (18.3)
1.26 (0.91 - 1.76)	0.1658	1.10 (0.50 - 2.42)	0.8112	250 (56.9)	169 (38.5)
0.86 (0.52 - 1.45)	0.5785	3790864 (0.00 -)	0.9865	381 (86.2)	57 (12.9)
0.96 (0.64 - 1.44)	0.833	3.84 (0.81 -	0.0893	347 (78.5)	87 (19.7)
1.14 (0.77 - 1.69)	0.5163	1.19 (0.49 - 2.89)	0.6951	306 (69.4)	124 (28.1)
1.03 (0.73 - 1.45)	0.8639	1.19 (0.62 - 2.28)	0.5976	235 (53.4)	170 (38.6)
0.97 (0.68 - 1.39)	0.8867	2.23 (0.92 - 5.42)	0.0774	299 (67.5)	125 (28.2)
0.86 (0.58 - 1.28)	0.4614	1.07 (0.73 - 1.58)	0.7185	125 (28.2)	203 (45.8)
1.05 (0.61 - 1.81)	0.8523	3.15 (0.33 -	0.3209	385 (87.1)	55 (12.4)
1.16 (0.79 - 1.70)	0.4581	0.92 (0.59 - 1.42)	0.7012	111 (25.3)	228 (51.9)
0.56 (0.35 - 0.90)	0.0157	0.39 (0.07 - 2.00)	0.2574	359 (81.2)	77 (17.4)
0.97 (0.68 - 1.39)	0.8845	0.96 (0.61 - 1.52)	0.8623	144 (32.6)	220 (49.8)
1.23 (0.87 - 1.73)	0.2358	0.73 (0.39 - 1.40)	0.3497	252 (57.0)	160 (36.2)
0.88 (0.62 - 1.26)	0.4992	0.67 (0.24 - 1.89)	0.449	293 (66.3)	135 (30.5)
1.00 (0.70 - 1.42)	0.9898	1.15 (0.68 - 1.95)	0.5988	212 (48.1)	177 (40.1)
1.27 (0.89 - 1.80)	0.1833	0.67 (0.27 - 1.65)	0.3855	274 (62.6)	145 (33.1)
0.80 (0.57 - 1.12)	0.1964	1.13 (0.56 - 2.26)	0.737	246 (55.7)	162 (36.7)
1.04 (0.72 - 1.52)	0.8272	0.93 (0.61 - 1.41)	0.7351	111 (25.2)	221 (50.1)
1.60 (1.14 - 2.26)	0.0067	0.92 (0.53 - 1.59)	0.7656	153 (34.6)	237 (53.6)
1.30 (0.88 - 1.93)	0.1885	0.40 (0.10 - 1.56)	0.1883	304 (68.8)	128 (29.0)
0.81 (0.57 - 1.13)	0.2091	1.09 (0.61 - 1.95)	0.7642	196 (44.5)	199 (45.2)
0.62 (0.42 - 0.93)	0.0192	0.84 (0.28 - 2.51)	0.7568	317 (71.7)	112 (25.3)
0.98 (0.69 - 1.40)	0.9172	1.16 (0.53 - 2.50)	0.712	279 (63.3)	142 (32.2)
0.88 (0.49 - 1.58)	0.6804	0.94 (0.27 - 3.28)	0.9233	390 (89.4)	42 (9.6)
1.17 (0.77 - 1.80)	0.462	2.91 (0.30 -	0.3543	358 (80.8)	78 (17.6)
0.81 (0.48 - 1.37)	0.4275	0.39 (0.07 - 2.03)	0.2625	355 (80.3)	81 (18.3)
1.20 (0.71 - 2.03)	0.4898	1.03 (0.21 - 5.09)	0.9745	381 (86.8)	54 (12.3)
0.93 (0.45 - 1.95)	0.8568	0.00 (0.00 -)	0.9856	425 (96.2)	17 (3.8)
0.94 (0.56 - 1.55)	0.7971	2.00 (0.18 -	0.5724	374 (84.6)	66 (14.9)
1.15 (0.79 - 1.67)	0.4739	0.78 (0.45 - 1.37)	0.3916	211 (48.0)	186 (42.3)
1.04 (0.71 - 1.52)	0.8396	0.68 (0.23 - 1.98)	0.4817	294 (66.8)	130 (29.5)
0.94 (0.64 - 1.38)	0.744	1.21 (0.75 - 1.94)	0.4346	168 (38.2)	201 (45.7)
1.12 (0.75 - 1.68)	0.584	1.14 (0.74 - 1.76)	0.5439	138 (31.3)	209 (47.4)
1.03 (0.70 - 1.52)	0.8653	0.77 (0.42 - 1.44)	0.4166	237 (53.5)	169 (38.1)
0.96 (0.66 - 1.41)	0.8486	0.89 (0.45 - 1.74)	0.7306	197 (44.8)	206 (46.8)
0.88 (0.58 - 1.32)	0.5284	0.37 (0.10 - 1.39)	0.1409	313 (71.6)	118 (27.0)

0.94 (0.64 - 1.40)	0.7746	1.13 (0.41 - 3.12)	0.8136	319 (72.3)	109 (24.7)
1.09 (0.76 - 1.56)	0.6404	0.63 (0.31 - 1.26)	0.1902	216 (49.0)	193 (43.8)
1.06 (0.73 - 1.54)	0.7561	0.83 (0.38 - 1.80)	0.6406	271 (61.3)	147 (33.3)
0.91 (0.64 - 1.29)	0.5888	0.74 (0.34 - 1.61)	0.4446	278 (62.9)	147 (33.3)
0.94 (0.66 - 1.36)	0.7541	1.01 (0.53 - 1.91)	0.9788	223 (50.6)	171 (38.8)
1.02 (0.69 - 1.51)	0.9243	1.15 (0.75 - 1.77)	0.5202	129 (29.5)	225 (51.4)
1.00 (0.69 - 1.44)	0.9849	1.30 (0.60 - 2.78)	0.5057	273 (61.9)	142 (32.2)
1.03 (0.70 - 1.51)	0.8815	0.14 (0.03 - 0.62)	0.0097	282 (63.7)	151 (34.1)
0.91 (0.62 - 1.34)	0.6307	0.34 (0.11 - 1.06)	0.0619	290 (65.8)	140 (31.7)
1.01 (0.69 - 1.48)	0.9699	0.80 (0.41 - 1.54)	0.5044	178 (40.5)	215 (49.0)
0.79 (0.48 - 1.31)	0.3597	539867.2 (0.00 -)	0.9857	361 (81.7)	80 (18.1)
0.98 (0.67 - 1.41)	0.8951	0.90 (0.46 - 1.77)	0.7688	198 (44.7)	207 (46.7)
0.87 (0.52 - 1.45)	0.5872	539811.8 (0.00 -)	0.9857	367 (83.4)	72 (16.4)
0.80 (0.53 - 1.20)	0.2842	0.45 (0.14 - 1.47)	0.1886	311 (70.5)	118 (26.8)
0.86 (0.60 - 1.23)	0.4098	0.76 (0.42 - 1.38)	0.3685	217 (49.3)	179 (40.7)
0.84 (0.55 - 1.28)	0.4182	0.99 (0.14 - 7.03)	0.9916	334 (76.4)	96 (22.0)
0.87 (0.59 - 1.27)	0.4694	1.36 (0.47 - 3.91)	0.5724	305 (68.8)	126 (28.4)
1.19 (0.76 - 1.86)	0.4481	1.37 (0.23 - 8.26)	0.7303	343 (78.0)	91 (20.7)
1.40 (0.93 - 2.10)	0.1077	0.90 (0.60 - 1.37)	0.6331	102 (23.1)	222 (50.2)
1.23 (0.86 - 1.76)	0.2484	0.98 (0.56 - 1.72)	0.9382	185 (41.8)	194 (43.8)
1.43 (0.93 - 2.20)	0.1046	0.74 (0.46 - 1.16)	0.19	132 (29.8)	216 (48.8)
0.79 (0.54 - 1.15)	0.221	0.71 (0.30 - 1.66)	0.4232	279 (63.0)	145 (32.7)
1.02 (0.71 - 1.46)	0.9313	0.53 (0.27 - 1.03)	0.0619	202 (45.7)	200 (45.2)
1.01 (0.70 - 1.47)	0.9479	0.99 (0.47 - 2.08)	0.9773	234 (53.3)	172 (39.2)
0.97 (0.68 - 1.40)	0.8791	1.55 (0.69 - 3.47)	0.2854	254 (57.9)	166 (37.8)
1.04 (0.67 - 1.61)	0.8642	0.86 (0.23 - 3.22)	0.8211	334 (75.9)	99 (22.5)
0.88 (0.56 - 1.37)	0.5653	0.82 (0.27 - 2.46)	0.7274	310 (70.3)	122 (27.7)
1.08 (0.65 - 1.77)	0.7708	468934.8 (0.00 -)	0.9858	381 (86.4)	58 (13.2)
1.06 (0.74 - 1.53)	0.7497	0.83 (0.36 - 1.92)	0.6587	252 (56.9)	167 (37.7)
1.25 (0.84 - 1.85)	0.2724	0.94 (0.55 - 1.61)	0.8234	211 (48.0)	174 (39.5)
0.90 (0.61 - 1.33)	0.6015	0.88 (0.44 - 1.77)	0.7259	256 (58.6)	157 (35.9)
0.98 (0.67 - 1.43)	0.9112	0.91 (0.40 - 2.07)	0.8308	291 (65.8)	137 (31.0)
0.92 (0.51 - 1.66)	0.7935	2.08 (0.19 -	0.5503	401 (91.1)	36 (8.2)
0.95 (0.66 - 1.36)	0.7725	1.47 (0.84 - 2.56)	0.1731	208 (47.1)	176 (39.8)
0.85 (0.49 - 1.49)	0.5751	1.86 (0.17 -	0.6131	400 (90.7)	39 (8.8)
0.93 (0.65 - 1.32)	0.6864	1.22 (0.66 - 2.25)	0.5223	230 (52.3)	173 (39.3)
1.20 (0.67 - 2.15)	0.5396	(-)	--	384 (86.7)	59 (13.3)
1.51 (0.85 - 2.70)	0.1616	1.85 (0.17 -	0.6167	388 (88.2)	50 (11.4)
1.29 (0.75 - 2.23)	0.3564	0.90 (0.12 - 6.53)	0.9171	386 (87.1)	54 (12.2)
0.99 (0.60 - 1.65)	0.9698	1.48 (0.25 - 8.84)	0.6693	384 (86.9)	55 (12.4)
1.00 (0.60 - 1.67)	0.9993	0.00 (0.00 -)	0.9859	393 (89.3)	45 (10.2)
1.19 (0.80 - 1.77)	0.3816	1.54 (0.26 - 9.21)	0.6373	322 (72.7)	115 (26.0)
1.01 (0.67 - 1.51)	0.9745	2.20 (0.57 - 8.56)	0.2535	342 (77.6)	94 (21.3)
1.30 (0.83 - 2.03)	0.2528	1.01 (0.14 - 7.17)	0.9922	336 (76.2)	102 (23.1)
0.92 (0.62 - 1.36)	0.6802	0.27 (0.07 - 0.97)	0.0441	292 (66.2)	141 (32.0)
0.86 (0.57 - 1.29)	0.4614	0.88 (0.27 - 2.89)	0.8297	330 (74.5)	106 (23.9)
1.00 (0.60 - 1.68)	0.9882	0.61 (0.14 - 2.55)	0.4963	356 (80.5)	82 (18.6)
0.84 (0.58 - 1.21)	0.3424	0.84 (0.55 - 1.29)	0.4382	132 (29.9)	219 (49.5)
1.74 (1.03 - 2.94)	0.0384	1.00 (0.14 - 7.11)	1	353 (79.9)	87 (19.7)
1.17 (0.79 - 1.73)	0.4353	0.95 (0.62 - 1.44)	0.8002	140 (31.7)	229 (51.8)
0.94 (0.60 - 1.47)	0.774	0.33 (0.03 - 3.17)	0.3362	378 (85.5)	64 (14.5)
1.04 (0.68 - 1.59)	0.8628	1.00 (0.38 - 2.68)	0.9935	310 (70.9)	121 (27.7)
1.17 (0.79 - 1.73)	0.4353	1.01 (0.67 - 1.54)	0.9458	141 (32.3)	223 (51.0)

0.84 (0.53 - 1.34)	0.4693	3.07 (0.62 -	0.1701	370 (83.7)	67 (15.2)
0.81 (0.56 - 1.17)	0.2543	0.97 (0.62 - 1.53)	0.9082	133 (30.1)	215 (48.6)
0.85 (0.60 - 1.22)	0.3833	0.56 (0.29 - 1.12)	0.1002	238 (53.8)	175 (39.6)
0.92 (0.65 - 1.30)	0.6457	0.66 (0.39 - 1.12)	0.1279	176 (40.0)	207 (47.0)
1.20 (0.80 - 1.81)	0.3863	1.16 (0.79 - 1.71)	0.4395	115 (26.1)	223 (50.6)
0.99 (0.71 - 1.40)	0.9676	0.72 (0.39 - 1.33)	0.296	197 (44.6)	194 (43.9)
1.04 (0.62 - 1.73)	0.8839	0.61 (0.14 - 2.55)	0.4963	355 (80.3)	83 (18.8)
1.53 (0.82 - 2.88)	0.1834	0.00 (0.00 -)	0.9857	380 (86.6)	59 (13.4)
1.43 (0.83 - 2.46)	0.1999	0.00 (0.00 -)	0.9857	359 (81.8)	78 (17.8)
1.52 (0.85 - 2.71)	0.158	0.00 (0.00 -)	0.9857	377 (85.5)	64 (14.5)
0.82 (0.58 - 1.16)	0.2656	0.57 (0.29 - 1.12)	0.1009	229 (51.8)	178 (40.3)
0.95 (0.67 - 1.36)	0.7916	1.50 (0.69 - 3.24)	0.3026	255 (57.8)	161 (36.5)
1.25 (0.69 - 2.25)	0.4582	0.49 (0.04 - 5.42)	0.5622	385 (86.9)	57 (12.9)
0.91 (0.64 - 1.29)	0.5898	0.64 (0.32 - 1.27)	0.2018	257 (58.0)	165 (37.2)
0.96 (0.47 - 1.95)	0.9103	0.81 (0.05 -	0.8826	408 (92.3)	33 (7.5)
0.90 (0.64 - 1.28)	0.5712	0.90 (0.58 - 1.40)	0.6272	173 (39.1)	208 (47.1)
0.85 (0.52 - 1.38)	0.503	2.01 (0.18 -	0.5686	371 (83.7)	67 (15.1)
1.27 (0.80 - 2.04)	0.3127	0.66 (0.11 - 3.97)	0.6534	361 (81.7)	79 (17.9)
1.00 (0.67 - 1.50)	0.9888	1.20 (0.75 - 1.92)	0.4407	136 (30.8)	212 (48.0)
1.92 (1.27 - 2.89)	0.0019	2.45 (0.77 - 7.81)	0.1309	299 (67.8)	128 (29.0)
1.75 (1.17 - 2.63)	0.0065	1.77 (0.74 - 4.22)	0.1996	246 (56.3)	170 (38.9)
1.22 (0.85 - 1.77)	0.2828	1.63 (0.77 - 3.45)	0.2032	255 (57.7)	159 (36.0)
0.77 (0.54 - 1.11)	0.1642	1.23 (0.59 - 2.56)	0.5811	229 (51.7)	184 (41.5)
0.97 (0.69 - 1.35)	0.8423	1.03 (0.55 - 1.94)	0.9196	232 (52.5)	176 (39.8)
1.11 (0.80 - 1.54)	0.5409	1.78 (0.96 - 3.28)	0.0657	183 (41.4)	203 (45.9)
1.15 (0.56 - 2.35)	0.7095	656284.8 (0.00 -)	0.9855	406 (91.6)	35 (7.9)
1.54 (1.05 - 2.25)	0.0272	1.45 (0.92 - 2.29)	0.1127	143 (32.3)	238 (53.7)
0.86 (0.60 - 1.24)	0.4328	0.93 (0.54 - 1.63)	0.8128	238 (54.0)	165 (37.4)
1.03 (0.73 - 1.46)	0.8601	0.93 (0.41 - 2.12)	0.8684	283 (64.0)	144 (32.6)
1.86 (1.23 - 2.79)	0.003	3.15 (0.86 -	0.0824	297 (67.5)	128 (29.1)
1.48 (1.02 - 2.13)	0.0388	1.17 (0.52 - 2.62)	0.705	258 (58.4)	166 (37.6)
1.99 (1.33 - 2.98)	0.0008	1.80 (0.72 - 4.52)	0.2122	274 (62.3)	143 (32.5)
2.21 (1.40 - 3.49)	0.0007	1.95 (0.59 - 6.47)	0.2775	311 (70.4)	118 (26.7)
2.11 (1.35 - 3.28)	0.001	2.98 (0.96 - 9.24)	0.0591	301 (68.3)	123 (27.9)
1.14 (0.57 - 2.29)	0.7077	(-)	--	407 (92.1)	35 (7.9)
0.48 (0.28 - 0.81)	0.0058	0.67 (0.11 - 4.04)	0.6659	384 (86.7)	56 (12.6)

CC Genotype n(%) 2/2 Cases	CC Genotype n(%) 1/1 Controls	CC Genotype n(%) 1/2 Controls	CC Genotype n(%) 2/2 Controls	PD susceptibility: CC Trend Model OR (95%CI)	PD susceptibility: CC Trend P-value
58 (13.8)	169 (40.1)	194 (46.1)	58 (13.8)	0.98 (0.80 - 1.20)	0.8582
74 (16.9)	155 (35.3)	202 (46.0)	82 (18.7)	0.95 (0.78 - 1.14)	0.5571
4 (0.9)	362 (81.7)	76 (17.2)	5 (1.1)	0.93 (0.68 - 1.29)	0.6761
0 (0.0)	408 (93.2)	28 (6.4)	2 (0.5)	1.24 (0.74 - 2.08)	0.4078
97 (22.1)	128 (29.2)	213 (48.5)	98 (22.3)	1.02 (0.84 - 1.25)	0.8102
78 (17.6)	147 (33.3)	203 (45.9)	92 (20.8)	0.96 (0.80 - 1.15)	0.668
90 (20.3)	128 (28.9)	210 (47.4)	105 (23.7)	0.96 (0.80 - 1.16)	0.6661
9 (2.1)	339 (77.2)	92 (21.0)	8 (1.8)	1.18 (0.90 - 1.55)	0.2402
70 (15.9)	164 (37.2)	209 (47.4)	68 (15.4)	1.02 (0.83 - 1.24)	0.8816
90 (20.4)	128 (29.0)	209 (47.4)	104 (23.6)	0.96 (0.80 - 1.16)	0.6991
2 (0.5)	397 (90.0)	42 (9.5)	2 (0.5)	1.01 (0.67 - 1.54)	0.9541
4 (0.9)	343 (77.8)	87 (19.7)	11 (2.5)	1.18 (0.88 - 1.58)	0.2687
1 (0.2)	367 (83.8)	68 (15.5)	3 (0.7)	1.05 (0.74 - 1.49)	0.7886
20 (4.6)	272 (62.0)	140 (31.9)	27 (6.2)	1.04 (0.84 - 1.30)	0.7147
4 (0.9)	386 (87.3)	54 (12.2)	2 (0.5)	1.10 (0.76 - 1.60)	0.6137
8 (1.8)	350 (79.2)	86 (19.5)	6 (1.4)	1.02 (0.77 - 1.37)	0.869
11 (2.5)	305 (69.2)	122 (27.7)	14 (3.2)	0.98 (0.76 - 1.27)	0.8883
35 (8.0)	220 (50.0)	190 (43.2)	30 (6.8)	0.97 (0.78 - 1.21)	0.7934
19 (4.3)	300 (67.7)	127 (28.7)	16 (3.6)	1.01 (0.80 - 1.28)	0.9538
115 (26.0)	102 (23.0)	242 (54.6)	99 (22.3)	0.98 (0.81 - 1.19)	0.8548
2 (0.5)	382 (86.4)	58 (13.1)	2 (0.5)	0.93 (0.63 - 1.37)	0.7041
100 (22.8)	126 (28.7)	199 (45.3)	114 (26.0)	0.99 (0.82 - 1.20)	0.9435
6 (1.4)	347 (78.5)	88 (19.9)	7 (1.6)	0.87 (0.65 - 1.18)	0.3827
78 (17.6)	151 (34.2)	206 (46.6)	85 (19.2)	0.99 (0.81 - 1.19)	0.8782
30 (6.8)	262 (59.3)	147 (33.3)	33 (7.5)	1.10 (0.89 - 1.35)	0.3975
14 (3.2)	309 (69.9)	122 (27.6)	11 (2.5)	1.21 (0.94 - 1.56)	0.1304
52 (11.8)	196 (44.4)	190 (43.1)	55 (12.5)	0.94 (0.78 - 1.15)	0.5639
19 (4.3)	283 (64.6)	138 (31.5)	17 (3.9)	1.01 (0.80 - 1.28)	0.924
34 (7.7)	241 (54.5)	168 (38.0)	33 (7.5)	1.00 (0.81 - 1.24)	0.9663
109 (24.7)	122 (27.7)	215 (48.8)	104 (23.6)	1.05 (0.87 - 1.28)	0.5941
52 (11.8)	192 (43.4)	179 (40.5)	71 (16.1)	1.08 (0.89 - 1.32)	0.4385
10 (2.3)	300 (67.9)	130 (29.4)	12 (2.7)	0.96 (0.74 - 1.24)	0.7452
45 (10.2)	196 (44.5)	188 (42.7)	56 (12.7)	0.91 (0.75 - 1.11)	0.3471
13 (2.9)	309 (69.9)	119 (26.9)	14 (3.2)	0.93 (0.72 - 1.20)	0.57
20 (4.5)	272 (61.7)	148 (33.6)	21 (4.8)	1.00 (0.79 - 1.27)	0.9748
4 (0.9)	393 (90.1)	38 (8.7)	5 (1.1)	0.99 (0.67 - 1.47)	0.9688
7 (1.6)	372 (84.0)	67 (15.1)	4 (0.9)	1.33 (0.97 - 1.84)	0.0787
6 (1.4)	377 (85.3)	63 (14.3)	2 (0.5)	1.39 (0.97 - 1.99)	0.0697
4 (0.9)	370 (84.3)	63 (14.4)	6 (1.4)	0.84 (0.58 - 1.21)	0.3542
0 (0.0)	407 (92.1)	34 (7.7)	1 (0.2)	0.43 (0.23 - 0.80)	0.0082
2 (0.5)	382 (86.4)	58 (13.1)	2 (0.5)	1.14 (0.78 - 1.66)	0.4914
43 (9.8)	202 (45.9)	183 (41.6)	55 (12.5)	0.87 (0.71 - 1.07)	0.1899
16 (3.6)	298 (67.7)	129 (29.3)	13 (3.0)	1.10 (0.86 - 1.42)	0.4349
71 (16.1)	141 (32.0)	217 (49.3)	82 (18.6)	0.80 (0.65 - 0.97)	0.0274
94 (21.3)	139 (31.5)	210 (47.6)	92 (20.9)	0.97 (0.80 - 1.18)	0.7727
37 (8.4)	234 (52.8)	181 (40.9)	28 (6.3)	1.07 (0.86 - 1.34)	0.5418
37 (8.4)	208 (47.3)	191 (43.4)	41 (9.3)	1.00 (0.81 - 1.25)	0.9699
6 (1.4)	325 (74.4)	103 (23.6)	9 (2.1)	1.00 (0.76 - 1.33)	0.9841

13 (2.9)	325 (73.7)	101 (22.9)	15 (3.4)	1.05 (0.81 - 1.37)	0.6996
32 (7.3)	219 (49.7)	180 (40.8)	42 (9.5)	0.95 (0.77 - 1.18)	0.6605
24 (5.4)	279 (63.1)	140 (31.7)	23 (5.2)	1.02 (0.80 - 1.28)	0.8972
17 (3.8)	246 (55.7)	173 (39.1)	23 (5.2)	0.84 (0.66 - 1.07)	0.1496
47 (10.7)	210 (47.6)	178 (40.4)	53 (12.0)	0.88 (0.71 - 1.08)	0.2311
84 (19.2)	135 (30.8)	216 (49.3)	87 (19.9)	1.02 (0.83 - 1.25)	0.8359
26 (5.9)	246 (55.8)	175 (39.7)	20 (4.5)	0.87 (0.68 - 1.11)	0.2546
10 (2.3)	286 (64.6)	135 (30.5)	22 (5.0)	0.90 (0.69 - 1.16)	0.3977
11 (2.5)	291 (66.0)	131 (29.7)	19 (4.3)	0.90 (0.70 - 1.16)	0.4238
46 (10.5)	188 (42.8)	208 (47.4)	43 (9.8)	1.07 (0.86 - 1.33)	0.5499
1 (0.2)	356 (80.5)	85 (19.2)	1 (0.2)	0.98 (0.69 - 1.40)	0.9146
38 (8.6)	208 (47.0)	192 (43.3)	43 (9.7)	1.00 (0.81 - 1.24)	0.9986
1 (0.2)	367 (83.4)	72 (16.4)	1 (0.2)	1.02 (0.71 - 1.47)	0.9164
12 (2.7)	313 (71.0)	114 (25.9)	14 (3.2)	0.94 (0.72 - 1.22)	0.6288
44 (10.0)	193 (43.9)	198 (45.0)	49 (11.1)	0.84 (0.68 - 1.04)	0.1163
7 (1.6)	316 (72.3)	114 (26.1)	7 (1.6)	0.82 (0.61 - 1.09)	0.175
12 (2.7)	286 (64.6)	143 (32.3)	14 (3.2)	0.87 (0.67 - 1.12)	0.2667
6 (1.4)	362 (82.3)	73 (16.6)	5 (1.1)	1.29 (0.94 - 1.77)	0.1196
118 (26.7)	133 (30.1)	197 (44.6)	112 (25.3)	1.17 (0.97 - 1.42)	0.0973
64 (14.4)	189 (42.7)	194 (43.8)	60 (13.5)	1.08 (0.88 - 1.31)	0.4646
95 (21.4)	130 (29.3)	214 (48.3)	99 (22.3)	0.97 (0.79 - 1.18)	0.7375
19 (4.3)	283 (63.9)	141 (31.8)	19 (4.3)	0.98 (0.77 - 1.25)	0.8843
40 (9.0)	200 (45.2)	193 (43.7)	49 (11.1)	0.94 (0.77 - 1.16)	0.5931
33 (7.5)	227 (51.7)	182 (41.5)	30 (6.8)	0.99 (0.79 - 1.24)	0.9082
19 (4.3)	260 (59.2)	158 (36.0)	21 (4.8)	1.08 (0.84 - 1.38)	0.5432
7 (1.6)	313 (71.1)	118 (26.8)	9 (2.0)	0.79 (0.58 - 1.07)	0.1316
9 (2.0)	336 (76.2)	99 (22.4)	6 (1.4)	1.34 (0.99 - 1.82)	0.056
2 (0.5)	366 (83.0)	71 (16.1)	4 (0.9)	0.82 (0.57 - 1.19)	0.3007
24 (5.4)	256 (57.8)	162 (36.6)	25 (5.6)	1.01 (0.80 - 1.28)	0.9272
55 (12.5)	186 (42.3)	190 (43.2)	64 (14.5)	0.85 (0.69 - 1.04)	0.1066
24 (5.5)	249 (57.0)	165 (37.8)	23 (5.3)	1.00 (0.79 - 1.27)	0.9893
14 (3.2)	286 (64.7)	139 (31.4)	17 (3.8)	0.95 (0.74 - 1.23)	0.7136
3 (0.7)	388 (88.2)	48 (10.9)	4 (0.9)	0.77 (0.52 - 1.16)	0.2141
58 (13.1)	188 (42.5)	202 (45.7)	52 (11.8)	0.89 (0.73 - 1.09)	0.2615
2 (0.5)	386 (87.5)	52 (11.8)	3 (0.7)	0.72 (0.48 - 1.08)	0.1107
37 (8.4)	219 (49.8)	183 (41.6)	38 (8.6)	0.96 (0.76 - 1.20)	0.6914
0 (0.0)	388 (87.6)	55 (12.4)	0 (0.0)	1.15 (0.76 - 1.74)	0.5045
2 (0.5)	396 (90.0)	42 (9.5)	2 (0.5)	1.16 (0.77 - 1.76)	0.4741
3 (0.7)	398 (89.8)	44 (9.9)	1 (0.2)	1.29 (0.84 - 1.97)	0.2435
3 (0.7)	367 (83.0)	71 (16.1)	4 (0.9)	0.73 (0.51 - 1.05)	0.0864
2 (0.5)	383 (87.0)	54 (12.3)	3 (0.7)	0.79 (0.52 - 1.19)	0.2657
6 (1.4)	320 (72.2)	116 (26.2)	7 (1.6)	0.99 (0.75 - 1.32)	0.9653
5 (1.1)	352 (79.8)	81 (18.4)	8 (1.8)	1.11 (0.83 - 1.50)	0.4761
3 (0.7)	344 (78.0)	90 (20.4)	7 (1.6)	1.07 (0.78 - 1.47)	0.6669
8 (1.8)	311 (70.5)	115 (26.1)	15 (3.4)	1.03 (0.80 - 1.34)	0.8158
7 (1.6)	337 (76.1)	96 (21.7)	10 (2.3)	1.03 (0.78 - 1.35)	0.8451
4 (0.9)	389 (88.0)	47 (10.6)	6 (1.4)	1.48 (1.03 - 2.13)	0.0341
91 (20.6)	137 (31.0)	217 (49.1)	88 (19.9)	1.01 (0.84 - 1.23)	0.8954
2 (0.5)	366 (82.8)	71 (16.1)	5 (1.1)	1.22 (0.87 - 1.71)	0.2408
73 (16.5)	138 (31.2)	213 (48.2)	91 (20.6)	0.90 (0.74 - 1.09)	0.2809
0 (0.0)	372 (84.2)	65 (14.7)	5 (1.1)	0.78 (0.54 - 1.12)	0.1711
6 (1.4)	335 (76.7)	93 (21.3)	9 (2.1)	1.24 (0.93 - 1.67)	0.1423
73 (16.7)	138 (31.6)	208 (47.6)	91 (20.8)	0.89 (0.73 - 1.09)	0.2669

5 (1.1)	369 (83.5)	68 (15.4)	5 (1.1)	0.96 (0.68 - 1.35)	0.8033
94 (21.3)	157 (35.5)	193 (43.7)	92 (20.8)	1.12 (0.93 - 1.35)	0.2247
29 (6.6)	233 (52.7)	169 (38.2)	40 (9.0)	0.93 (0.75 - 1.14)	0.4775
57 (13.0)	168 (38.2)	202 (45.9)	70 (15.9)	0.90 (0.74 - 1.10)	0.3187
103 (23.4)	115 (26.1)	208 (47.2)	118 (26.8)	0.94 (0.78 - 1.14)	0.5473
51 (11.5)	200 (45.2)	186 (42.1)	56 (12.7)	1.01 (0.84 - 1.23)	0.8852
4 (0.9)	385 (87.1)	51 (11.5)	6 (1.4)	1.40 (0.98 - 2.00)	0.0628
0 (0.0)	392 (89.3)	46 (10.5)	1 (0.2)	1.33 (0.87 - 2.04)	0.1901
2 (0.5)	382 (87.0)	55 (12.5)	2 (0.5)	1.54 (1.06 - 2.23)	0.0236
0 (0.0)	394 (89.3)	45 (10.2)	2 (0.5)	1.38 (0.92 - 2.07)	0.1162
35 (7.9)	223 (50.5)	172 (38.9)	47 (10.6)	0.92 (0.75 - 1.14)	0.4542
25 (5.7)	228 (51.7)	190 (43.1)	23 (5.2)	0.90 (0.73 - 1.12)	0.3529
1 (0.2)	389 (87.8)	52 (11.7)	2 (0.5)	0.98 (0.66 - 1.44)	0.912
21 (4.7)	251 (56.7)	163 (36.8)	29 (6.5)	0.93 (0.74 - 1.16)	0.5051
1 (0.2)	403 (91.2)	39 (8.8)	0 (0.0)	0.87 (0.54 - 1.42)	0.5843
61 (13.8)	174 (39.4)	197 (44.6)	71 (16.1)	0.96 (0.79 - 1.16)	0.6372
5 (1.1)	369 (83.3)	73 (16.5)	1 (0.2)	1.01 (0.72 - 1.42)	0.9423
2 (0.5)	357 (80.8)	80 (18.1)	5 (1.1)	0.90 (0.65 - 1.24)	0.5072
94 (21.3)	125 (28.3)	229 (51.8)	88 (19.9)	0.99 (0.81 - 1.20)	0.9075
14 (3.2)	331 (75.1)	97 (22.0)	13 (2.9)	1.29 (0.99 - 1.69)	0.0593
21 (4.8)	300 (68.6)	123 (28.1)	14 (3.2)	1.60 (1.23 - 2.07)	0.0004
28 (6.3)	285 (64.5)	135 (30.5)	22 (5.0)	1.20 (0.95 - 1.52)	0.1261
30 (6.8)	229 (51.7)	180 (40.6)	34 (7.7)	0.98 (0.78 - 1.23)	0.8718
34 (7.7)	225 (50.9)	181 (41.0)	36 (8.1)	0.96 (0.77 - 1.18)	0.6736
56 (12.7)	180 (40.7)	213 (48.2)	49 (11.1)	1.04 (0.85 - 1.26)	0.7296
2 (0.5)	403 (91.0)	39 (8.8)	1 (0.2)	0.99 (0.64 - 1.54)	0.964
62 (14.0)	164 (37.0)	206 (46.5)	73 (16.5)	1.06 (0.87 - 1.30)	0.5452
38 (8.6)	234 (53.1)	172 (39.0)	35 (7.9)	0.99 (0.80 - 1.23)	0.9168
15 (3.4)	267 (60.4)	155 (35.1)	20 (4.5)	0.88 (0.69 - 1.11)	0.2798
15 (3.4)	331 (75.2)	97 (22.0)	12 (2.7)	1.33 (1.02 - 1.74)	0.0378
18 (4.1)	288 (65.2)	125 (28.3)	29 (6.6)	1.11 (0.87 - 1.40)	0.4008
23 (5.2)	303 (68.9)	119 (27.0)	18 (4.1)	1.20 (0.94 - 1.53)	0.1466
13 (2.9)	349 (79.0)	84 (19.0)	9 (2.0)	1.44 (1.08 - 1.92)	0.014
17 (3.9)	341 (77.3)	89 (20.2)	11 (2.5)	1.44 (1.09 - 1.90)	0.0105
0 (0.0)	403 (91.2)	39 (8.8)	0 (0.0)	0.77 (0.47 - 1.27)	0.3127
3 (0.7)	380 (85.8)	60 (13.5)	3 (0.7)	0.94 (0.65 - 1.37)	0.7455

PD susceptibility: CC Dominant Model OR (95%CI)	PD susceptibility: CC Dominant P-value	PD susceptibility: CC Recessive Model OR (95%CI)	PD susceptibility: CC Recessive P-value	CS Genotype n(%) 1/1 Cases	CS Genotype n(%) 1/2 Cases
0.95 (0.72 - 1.25)	0.7068	1.04 (0.70 - 1.53)	0.8602	239 (37.6)	298 (46.9)
1.02 (0.77 - 1.34)	0.8835	0.79 (0.55 - 1.13)	0.1974	212 (33.0)	303 (47.2)
0.94 (0.66 - 1.34)	0.7361	0.74 (0.19 - 2.80)	0.6525	535 (83.2)	104 (16.2)
1.34 (0.78 - 2.30)	0.2929	0.00 (0.00 -)	0.9871	581 (90.6)	60 (9.4)
1.12 (0.83 - 1.53)	0.4567	0.94 (0.68 - 1.30)	0.697	172 (26.7)	323 (50.2)
1.09 (0.81 - 1.45)	0.5742	0.79 (0.57 - 1.10)	0.1628	227 (35.3)	316 (49.1)
1.11 (0.82 - 1.49)	0.499	0.79 (0.57 - 1.09)	0.1459	193 (30.0)	327 (50.9)
1.20 (0.88 - 1.64)	0.24	1.27 (0.48 - 3.36)	0.6335	495 (77.1)	136 (21.2)
1.05 (0.79 - 1.39)	0.7535	0.98 (0.67 - 1.41)	0.8963	224 (34.9)	299 (46.6)
1.11 (0.82 - 1.49)	0.5019	0.80 (0.58 - 1.10)	0.1685	193 (30.0)	327 (50.8)
1.01 (0.65 - 1.59)	0.9488	0.99 (0.14 - 7.25)	0.9918	576 (89.9)	62 (9.7)
1.33 (0.96 - 1.85)	0.0862	0.38 (0.12 - 1.27)	0.1156	491 (76.4)	144 (22.4)
1.08 (0.75 - 1.55)	0.6842	0.43 (0.04 - 4.34)	0.4752	508 (79.0)	132 (20.5)
1.13 (0.87 - 1.47)	0.3607	0.71 (0.38 - 1.32)	0.2742	357 (55.6)	242 (37.7)
1.08 (0.72 - 1.62)	0.7101	1.85 (0.33 - 10.23)	0.4812	535 (83.2)	102 (15.9)
1.00 (0.73 - 1.38)	0.9939	1.43 (0.48 - 4.28)	0.5199	482 (75.0)	150 (23.3)
1.01 (0.75 - 1.37)	0.9226	0.75 (0.33 - 1.69)	0.4865	438 (68.2)	174 (27.1)
0.90 (0.69 - 1.18)	0.4434	1.26 (0.74 - 2.13)	0.3936	345 (53.8)	247 (38.5)
0.97 (0.74 - 1.29)	0.8513	1.25 (0.63 - 2.48)	0.5309	417 (65.0)	203 (31.6)
0.75 (0.54 - 1.03)	0.0708	1.25 (0.92 - 1.69)	0.152	171 (26.6)	325 (50.5)
0.92 (0.61 - 1.39)	0.6915	0.97 (0.13 - 6.95)	0.9736	571 (89.1)	67 (10.5)
1.20 (0.89 - 1.62)	0.2356	0.80 (0.58 - 1.10)	0.1698	161 (25.2)	314 (49.1)
0.85 (0.61 - 1.19)	0.3468	0.94 (0.31 - 2.86)	0.9115	543 (84.3)	94 (14.6)
1.06 (0.80 - 1.42)	0.6776	0.87 (0.62 - 1.23)	0.4382	200 (31.1)	321 (49.9)
1.16 (0.89 - 1.51)	0.2628	0.97 (0.57 - 1.64)	0.9061	366 (57.1)	245 (38.2)
1.25 (0.95 - 1.66)	0.1149	1.19 (0.50 - 2.85)	0.6933	445 (69.4)	182 (28.4)
0.89 (0.68 - 1.17)	0.4083	1.01 (0.67 - 1.53)	0.967	280 (43.6)	291 (45.3)
1.01 (0.76 - 1.34)	0.9506	1.04 (0.53 - 2.04)	0.9021	390 (60.7)	219 (34.1)
0.99 (0.76 - 1.29)	0.9229	1.08 (0.64 - 1.84)	0.7676	358 (55.7)	238 (37.0)
1.15 (0.84 - 1.56)	0.3846	1.00 (0.73 - 1.37)	0.989	161 (25.0)	325 (50.5)
1.41 (1.07 - 1.85)	0.0139	0.64 (0.43 - 0.97)	0.0361	218 (33.9)	315 (48.9)
0.96 (0.72 - 1.28)	0.7835	0.89 (0.37 - 2.12)	0.7901	412 (64.1)	215 (33.4)
0.95 (0.72 - 1.24)	0.7053	0.74 (0.48 - 1.13)	0.1592	284 (44.2)	282 (43.9)
0.92 (0.68 - 1.23)	0.5769	0.89 (0.40 - 2.00)	0.7841	479 (75.0)	144 (22.5)
1.00 (0.76 - 1.33)	0.9792	1.01 (0.52 - 1.95)	0.9782	407 (63.3)	205 (31.9)
1.03 (0.66 - 1.62)	0.8884	0.69 (0.18 - 2.63)	0.5851	568 (89.7)	53 (8.4)
1.34 (0.94 - 1.90)	0.1043	2.02 (0.57 - 7.12)	0.2765	523 (81.2)	112 (17.4)
1.34 (0.92 - 1.96)	0.1314	4.11 (0.76 - 22.12)	0.0996	534 (83.0)	100 (15.6)
0.85 (0.57 - 1.27)	0.4201	0.65 (0.18 - 2.37)	0.5101	553 (86.4)	84 (13.1)
0.43 (0.23 - 0.80)	0.0084	0.00 (0.00 -)	0.9868	601 (93.3)	42 (6.5)
1.15 (0.78 - 1.71)	0.4729	0.99 (0.14 - 7.02)	0.9887	550 (85.4)	91 (14.1)
0.88 (0.67 - 1.16)	0.3813	0.74 (0.48 - 1.14)	0.167	296 (46.2)	288 (44.9)
1.10 (0.82 - 1.46)	0.5195	1.34 (0.60 - 3.00)	0.4732	432 (67.3)	189 (29.4)
0.71 (0.53 - 0.96)	0.0241	0.79 (0.54 - 1.15)	0.2169	219 (34.2)	315 (49.1)
0.97 (0.72 - 1.31)	0.841	0.95 (0.68 - 1.33)	0.7773	182 (28.3)	311 (48.4)
1.00 (0.76 - 1.33)	0.9827	1.42 (0.85 - 2.36)	0.179	329 (51.2)	269 (41.8)
1.06 (0.80 - 1.42)	0.6721	0.86 (0.54 - 1.39)	0.5421	330 (51.4)	260 (40.5)
1.04 (0.76 - 1.42)	0.806	0.66 (0.23 - 1.94)	0.4518	485 (75.3)	151 (23.4)

1.11 (0.81 - 1.52)	0.5054	0.80 (0.36 - 1.79)	0.5911	474 (73.8)	157 (24.5)
1.01 (0.77 - 1.33)	0.9425	0.74 (0.45 - 1.23)	0.2473	324 (50.5)	256 (39.9)
1.03 (0.78 - 1.37)	0.8247	0.96 (0.51 - 1.78)	0.8891	375 (58.4)	231 (36.0)
0.81 (0.61 - 1.06)	0.1285	0.87 (0.45 - 1.67)	0.6763	372 (57.9)	235 (36.5)
0.87 (0.66 - 1.15)	0.3319	0.80 (0.51 - 1.25)	0.3247	313 (48.8)	264 (41.1)
1.10 (0.81 - 1.49)	0.54	0.94 (0.67 - 1.33)	0.7332	201 (31.3)	319 (49.6)
0.77 (0.58 - 1.02)	0.0691	1.39 (0.74 - 2.61)	0.3064	385 (59.8)	226 (35.1)
0.99 (0.73 - 1.33)	0.9399	0.43 (0.20 - 0.93)	0.0328	432 (67.1)	194 (30.1)
0.95 (0.71 - 1.28)	0.7449	0.55 (0.26 - 1.18)	0.124	451 (70.4)	174 (27.1)
1.13 (0.85 - 1.50)	0.4015	0.97 (0.61 - 1.55)	0.9108	305 (47.4)	281 (43.7)
0.98 (0.68 - 1.40)	0.9154	0.98 (0.06 - 15.68)	0.9882	534 (83.2)	104 (16.2)
1.08 (0.81 - 1.44)	0.589	0.81 (0.51 - 1.29)	0.3798	336 (52.3)	254 (39.5)
1.02 (0.70 - 1.48)	0.9141	0.98 (0.06 - 15.69)	0.9884	543 (84.4)	96 (14.9)
0.94 (0.69 - 1.29)	0.7017	0.83 (0.37 - 1.82)	0.6357	471 (73.4)	156 (24.3)
0.80 (0.60 - 1.06)	0.1198	0.82 (0.53 - 1.29)	0.3971	309 (48.0)	280 (43.5)
0.79 (0.57 - 1.09)	0.1487	0.92 (0.31 - 2.73)	0.874	505 (78.8)	130 (20.3)
0.85 (0.64 - 1.14)	0.2806	0.81 (0.36 - 1.82)	0.6175	426 (66.3)	201 (31.3)
1.32 (0.94 - 1.87)	0.1138	1.31 (0.38 - 4.50)	0.6676	519 (80.8)	116 (18.1)
1.44 (1.05 - 1.96)	0.0228	1.07 (0.78 - 1.46)	0.6774	177 (27.5)	319 (49.6)
1.11 (0.84 - 1.46)	0.4732	1.10 (0.73 - 1.64)	0.65	282 (44.0)	279 (43.5)
0.96 (0.70 - 1.31)	0.7852	0.96 (0.69 - 1.33)	0.7868	181 (28.2)	328 (51.1)
0.97 (0.72 - 1.29)	0.8219	1.04 (0.54 - 2.01)	0.9117	423 (65.7)	195 (30.3)
0.99 (0.75 - 1.30)	0.927	0.79 (0.50 - 1.25)	0.3071	322 (50.0)	269 (41.8)
0.97 (0.73 - 1.29)	0.832	1.04 (0.60 - 1.77)	0.899	350 (54.6)	254 (39.6)
1.10 (0.83 - 1.47)	0.5006	1.03 (0.52 - 2.05)	0.9275	389 (60.5)	223 (34.7)
0.78 (0.56 - 1.09)	0.149	0.65 (0.21 - 1.99)	0.4459	482 (75.3)	142 (22.2)
1.37 (0.98 - 1.91)	0.0668	1.63 (0.56 - 4.78)	0.3698	460 (71.4)	164 (25.5)
0.84 (0.56 - 1.25)	0.3812	0.42 (0.07 - 2.42)	0.3285	535 (83.7)	102 (16.0)
1.06 (0.80 - 1.40)	0.7048	0.84 (0.46 - 1.54)	0.5663	378 (58.8)	232 (36.1)
0.77 (0.58 - 1.01)	0.0634	0.89 (0.59 - 1.35)	0.578	284 (44.3)	290 (45.2)
0.98 (0.73 - 1.30)	0.868	1.10 (0.60 - 2.01)	0.7521	375 (58.4)	233 (36.3)
0.96 (0.72 - 1.28)	0.7976	0.85 (0.40 - 1.80)	0.6695	415 (64.4)	200 (31.1)
0.73 (0.46 - 1.14)	0.1652	1.00 (0.21 - 4.68)	0.9984	571 (89.1)	67 (10.5)
0.79 (0.60 - 1.03)	0.0867	1.08 (0.70 - 1.64)	0.7353	275 (42.8)	299 (46.6)
0.69 (0.44 - 1.07)	0.099	0.73 (0.12 - 4.58)	0.7365	586 (91.0)	55 (8.5)
0.92 (0.70 - 1.23)	0.5837	1.03 (0.62 - 1.71)	0.9243	345 (54.1)	244 (38.2)
1.15 (0.76 - 1.74)	0.5045	(-)	--	565 (87.9)	76 (11.8)
1.20 (0.77 - 1.87)	0.4238	0.87 (0.12 - 6.20)	0.8857	575 (89.4)	65 (10.1)
1.29 (0.82 - 2.01)	0.2725	2.10 (0.21 - 21.13)	0.5288	552 (85.7)	87 (13.5)
0.70 (0.47 - 1.03)	0.0728	0.83 (0.17 - 3.92)	0.8107	536 (83.5)	103 (16.0)
0.78 (0.50 - 1.22)	0.2776	0.64 (0.10 - 4.19)	0.646	568 (88.6)	73 (11.4)
1.01 (0.74 - 1.37)	0.9573	0.78 (0.23 - 2.67)	0.687	472 (73.4)	161 (25.0)
1.19 (0.85 - 1.66)	0.311	0.65 (0.21 - 2.06)	0.4668	505 (78.7)	127 (19.8)
1.14 (0.81 - 1.60)	0.458	0.47 (0.12 - 1.93)	0.2979	495 (76.9)	144 (22.4)
1.13 (0.84 - 1.51)	0.4328	0.51 (0.21 - 1.25)	0.1413	470 (73.1)	162 (25.2)
1.08 (0.79 - 1.47)	0.6444	0.68 (0.25 - 1.85)	0.4547	483 (75.1)	148 (23.0)
1.74 (1.16 - 2.59)	0.0069	0.45 (0.13 - 1.63)	0.2262	540 (83.9)	97 (15.1)
1.05 (0.78 - 1.40)	0.754	0.98 (0.70 - 1.37)	0.8952	192 (30.0)	312 (48.8)
1.30 (0.91 - 1.86)	0.1474	0.48 (0.09 - 2.50)	0.3857	519 (80.6)	119 (18.5)
0.94 (0.70 - 1.28)	0.7095	0.78 (0.55 - 1.09)	0.1486	216 (33.6)	311 (48.4)
0.83 (0.56 - 1.22)	0.3417	0.00 (0.00 -)	0.9862	550 (85.4)	89 (13.8)
1.38 (1.00 - 1.91)	0.0498	0.56 (0.19 - 1.59)	0.2737	477 (74.2)	148 (23.0)
0.94 (0.69 - 1.27)	0.6791	0.78 (0.55 - 1.09)	0.1457	218 (34.1)	308 (48.1)

0.96 (0.66 - 1.40)	0.8248	0.89 (0.25 - 3.16)	0.8594	516 (80.1)	124 (19.3)
1.28 (0.96 - 1.71)	0.0873	1.04 (0.74 - 1.45)	0.8345	218 (33.9)	315 (49.0)
0.99 (0.75 - 1.30)	0.9296	0.68 (0.41 - 1.12)	0.1297	364 (56.7)	232 (36.1)
0.95 (0.72 - 1.26)	0.7355	0.75 (0.51 - 1.10)	0.1435	251 (39.0)	285 (44.3)
1.00 (0.74 - 1.37)	0.9771	0.85 (0.63 - 1.16)	0.309	165 (25.7)	313 (48.7)
1.08 (0.83 - 1.40)	0.5775	0.89 (0.60 - 1.34)	0.5847	305 (47.4)	270 (41.9)
1.62 (1.09 - 2.39)	0.016	0.45 (0.13 - 1.63)	0.2257	537 (83.4)	99 (15.4)
1.37 (0.89 - 2.10)	0.1548	0.00 (0.00 -)	0.9857	568 (88.6)	71 (11.1)
1.58 (1.07 - 2.32)	0.0199	1.10 (0.15 - 7.93)	0.9257	546 (85.6)	89 (13.9)
1.46 (0.97 - 2.21)	0.0721	0.00 (0.00 -)	0.9869	575 (89.4)	65 (10.1)
1.01 (0.77 - 1.32)	0.959	0.66 (0.42 - 1.05)	0.0821	347 (53.9)	243 (37.7)
0.83 (0.64 - 1.09)	0.1775	1.16 (0.64 - 2.12)	0.6196	334 (51.9)	272 (42.3)
1.00 (0.67 - 1.50)	0.997	0.45 (0.04 - 4.98)	0.5125	547 (85.2)	93 (14.5)
0.96 (0.73 - 1.27)	0.791	0.71 (0.40 - 1.27)	0.253	382 (59.4)	221 (34.4)
0.84 (0.51 - 1.39)	0.4988	459478.2 (0.00 -)	0.9859	598 (93.1)	43 (6.7)
0.99 (0.75 - 1.30)	0.9421	0.86 (0.60 - 1.24)	0.4206	254 (39.5)	309 (48.1)
0.95 (0.66 - 1.37)	0.7852	5.12 (0.57 - 45.54)	0.1434	530 (82.4)	108 (16.8)
0.91 (0.65 - 1.29)	0.5997	0.52 (0.10 - 2.73)	0.4364	522 (81.3)	116 (18.1)
0.92 (0.68 - 1.25)	0.6051	1.07 (0.76 - 1.52)	0.6934	169 (26.3)	330 (51.3)
1.39 (1.02 - 1.90)	0.0391	1.15 (0.53 - 2.49)	0.7284	459 (71.4)	163 (25.3)
1.77 (1.30 - 2.39)	0.0002	1.50 (0.75 - 3.01)	0.2566	419 (65.4)	193 (30.1)
1.25 (0.94 - 1.67)	0.1228	1.24 (0.68 - 2.26)	0.4857	389 (60.4)	213 (33.1)
1.02 (0.76 - 1.36)	0.9085	0.86 (0.51 - 1.45)	0.5607	332 (51.7)	258 (40.2)
0.95 (0.73 - 1.24)	0.717	0.92 (0.55 - 1.53)	0.7526	341 (53.1)	250 (38.9)
0.99 (0.76 - 1.29)	0.9508	1.19 (0.79 - 1.81)	0.4101	245 (38.1)	310 (48.2)
0.97 (0.61 - 1.56)	0.9125	1.46 (0.13 - 16.54)	0.7603	579 (89.9)	63 (9.8)
1.24 (0.92 - 1.67)	0.1613	0.88 (0.61 - 1.29)	0.5153	229 (35.6)	298 (46.3)
0.94 (0.71 - 1.25)	0.6577	1.15 (0.70 - 1.89)	0.5907	353 (54.8)	246 (38.2)
0.88 (0.67 - 1.16)	0.3572	0.74 (0.37 - 1.47)	0.3856	374 (58.3)	239 (37.2)
1.41 (1.03 - 1.93)	0.0334	1.35 (0.62 - 2.95)	0.4469	460 (71.5)	163 (25.3)
1.27 (0.96 - 1.70)	0.0995	0.67 (0.37 - 1.24)	0.2031	391 (60.8)	218 (33.9)
1.26 (0.94 - 1.69)	0.1177	1.15 (0.60 - 2.22)	0.679	415 (64.6)	200 (31.2)
1.53 (1.10 - 2.13)	0.0122	1.47 (0.61 - 3.52)	0.3874	471 (73.8)	152 (23.8)
1.53 (1.11 - 2.12)	0.01	1.51 (0.69 - 3.28)	0.3039	463 (72.0)	161 (25.0)
0.77 (0.47 - 1.27)	0.3127	(-)	--	589 (91.6)	52 (8.1)
0.93 (0.62 - 1.38)	0.7152	1.08 (0.20 - 5.80)	0.9323	558 (86.9)	82 (12.8)

CS Genotype n(%) 2/2 Cases	CS Genotype n(%) 1/1 Controls	CS Genotype n(%) 1/2 Controls	CS Genotype n(%) 2/2 Controls	PD susceptibility: CS Trend Model OR (95%CI)	PD susceptibility: CS Trend P-value
98 (15.4)	238 (37.5)	303 (47.7)	94 (14.8)	0.99 (0.78 - 1.26)	0.9277
127 (19.8)	195 (30.4)	326 (50.8)	121 (18.8)	0.89 (0.70 - 1.12)	0.3154
4 (0.6)	527 (82.0)	110 (17.1)	6 (0.9)	0.80 (0.53 - 1.20)	0.2801
0 (0.0)	589 (91.9)	51 (8.0)	1 (0.2)	1.52 (0.86 - 2.70)	0.1499
148 (23.0)	162 (25.2)	322 (50.1)	159 (24.7)	0.82 (0.65 - 1.04)	0.1013
100 (15.6)	233 (36.2)	318 (49.5)	92 (14.3)	1.19 (0.94 - 1.51)	0.1376
123 (19.1)	203 (31.6)	321 (49.9)	119 (18.5)	1.17 (0.92 - 1.48)	0.1964
11 (1.7)	486 (75.7)	143 (22.3)	13 (2.0)	0.84 (0.61 - 1.18)	0.3156
118 (18.4)	204 (31.8)	329 (51.3)	108 (16.8)	0.91 (0.72 - 1.14)	0.4022
124 (19.3)	203 (31.5)	322 (50.0)	119 (18.5)	1.18 (0.93 - 1.49)	0.1766
3 (0.5)	574 (89.5)	66 (10.3)	1 (0.2)	0.96 (0.56 - 1.66)	0.8933
8 (1.2)	508 (79.0)	122 (19.0)	13 (2.0)	1.32 (0.93 - 1.87)	0.1242
3 (0.5)	520 (80.9)	120 (18.7)	3 (0.5)	1.25 (0.84 - 1.85)	0.2703
43 (6.7)	360 (56.1)	249 (38.8)	33 (5.1)	1.08 (0.83 - 1.40)	0.5773
6 (0.9)	537 (83.5)	101 (15.7)	5 (0.8)	1.06 (0.69 - 1.62)	0.7972
11 (1.7)	492 (76.5)	136 (21.2)	15 (2.3)	1.05 (0.74 - 1.48)	0.792
30 (4.7)	435 (67.8)	189 (29.4)	18 (2.8)	1.01 (0.74 - 1.38)	0.9274
49 (7.6)	352 (54.9)	249 (38.8)	40 (6.2)	1.14 (0.88 - 1.48)	0.3087
22 (3.4)	431 (67.1)	190 (29.6)	21 (3.3)	1.16 (0.86 - 1.55)	0.3353
147 (22.9)	179 (27.8)	319 (49.6)	145 (22.6)	1.07 (0.86 - 1.35)	0.5356
3 (0.5)	578 (90.2)	63 (9.8)	0 (0.0)	1.39 (0.86 - 2.24)	0.1833
164 (25.7)	158 (24.7)	319 (49.9)	162 (25.4)	0.93 (0.74 - 1.16)	0.5074
7 (1.1)	511 (79.3)	128 (19.9)	5 (0.8)	0.57 (0.39 - 0.84)	0.0048
122 (19.0)	186 (28.9)	327 (50.9)	130 (20.2)	0.81 (0.63 - 1.03)	0.0852
30 (4.7)	367 (57.3)	244 (38.1)	30 (4.7)	1.07 (0.82 - 1.40)	0.6161
14 (2.2)	449 (70.0)	175 (27.3)	17 (2.7)	1.03 (0.75 - 1.40)	0.8756
71 (11.1)	295 (46.0)	291 (45.3)	56 (8.7)	1.25 (0.98 - 1.60)	0.0724
33 (5.1)	397 (61.8)	215 (33.5)	30 (4.7)	1.05 (0.80 - 1.39)	0.7212
47 (7.3)	333 (51.8)	260 (40.4)	50 (7.8)	0.77 (0.60 - 1.00)	0.0493
157 (24.4)	151 (23.5)	326 (50.7)	166 (25.8)	0.84 (0.66 - 1.06)	0.1359
111 (17.2)	229 (35.6)	305 (47.4)	110 (17.1)	1.04 (0.82 - 1.32)	0.7314
16 (2.5)	431 (67.0)	197 (30.6)	15 (2.3)	1.25 (0.92 - 1.70)	0.153
77 (12.0)	259 (40.3)	313 (48.7)	71 (11.0)	0.84 (0.66 - 1.07)	0.1599
16 (2.5)	448 (70.1)	177 (27.7)	14 (2.2)	0.66 (0.48 - 0.92)	0.0135
31 (4.8)	401 (62.4)	217 (33.7)	25 (3.9)	1.00 (0.75 - 1.32)	0.9759
12 (1.9)	568 (89.7)	50 (7.9)	15 (2.4)	0.86 (0.55 - 1.35)	0.5215
9 (1.4)	517 (80.3)	119 (18.5)	8 (1.2)	0.91 (0.63 - 1.31)	0.5986
9 (1.4)	530 (82.4)	104 (16.2)	9 (1.4)	0.97 (0.67 - 1.39)	0.8632
3 (0.5)	564 (88.1)	68 (10.6)	8 (1.3)	1.22 (0.79 - 1.88)	0.3799
1 (0.2)	608 (94.4)	36 (5.6)	0 (0.0)	1.42 (0.77 - 2.62)	0.2602
3 (0.5)	540 (83.9)	100 (15.5)	4 (0.6)	0.80 (0.52 - 1.21)	0.2823
57 (8.9)	320 (49.9)	255 (39.8)	66 (10.3)	1.11 (0.87 - 1.41)	0.4013
21 (3.3)	401 (62.5)	217 (33.8)	24 (3.7)	0.70 (0.52 - 0.95)	0.0204
107 (16.7)	220 (34.3)	320 (49.9)	101 (15.8)	1.04 (0.82 - 1.31)	0.7632
150 (23.3)	191 (29.7)	310 (48.2)	142 (22.1)	1.14 (0.92 - 1.40)	0.2381
45 (7.0)	339 (52.7)	263 (40.9)	41 (6.4)	1.13 (0.87 - 1.46)	0.3577
52 (8.1)	328 (51.1)	262 (40.8)	52 (8.1)	1.02 (0.80 - 1.31)	0.8589
8 (1.2)	501 (77.8)	129 (20.0)	14 (2.2)	1.21 (0.86 - 1.71)	0.2793

11 (1.7)	488 (76.0)	143 (22.3)	11 (1.7)	1.28 (0.91 - 1.81)	0.1541
62 (9.7)	318 (49.5)	270 (42.1)	54 (8.4)	1.02 (0.80 - 1.31)	0.853
36 (5.6)	381 (59.3)	225 (35.0)	36 (5.6)	1.10 (0.84 - 1.43)	0.4822
36 (5.6)	370 (57.5)	236 (36.7)	37 (5.8)	0.92 (0.70 - 1.20)	0.52
65 (10.1)	327 (50.9)	253 (39.4)	62 (9.7)	1.07 (0.84 - 1.35)	0.5901
123 (19.1)	217 (33.7)	322 (50.1)	104 (16.2)	1.28 (1.01 - 1.62)	0.0405
33 (5.1)	385 (59.8)	229 (35.6)	30 (4.7)	1.01 (0.77 - 1.33)	0.9388
18 (2.8)	438 (68.0)	182 (28.3)	24 (3.7)	1.03 (0.76 - 1.39)	0.8669
16 (2.5)	455 (71.0)	174 (27.1)	12 (1.9)	1.14 (0.84 - 1.55)	0.404
57 (8.9)	296 (46.0)	285 (44.3)	62 (9.6)	0.95 (0.75 - 1.20)	0.6494
4 (0.6)	526 (81.9)	113 (17.6)	3 (0.5)	0.83 (0.55 - 1.26)	0.3755
53 (8.2)	333 (51.8)	264 (41.1)	46 (7.2)	1.07 (0.84 - 1.37)	0.5859
4 (0.6)	533 (82.9)	108 (16.8)	2 (0.3)	0.79 (0.51 - 1.22)	0.2884
15 (2.3)	473 (73.7)	160 (24.9)	9 (1.4)	1.15 (0.83 - 1.59)	0.4061
55 (8.5)	311 (48.3)	275 (42.7)	58 (9.0)	1.00 (0.77 - 1.29)	0.9955
6 (0.9)	499 (77.8)	136 (21.2)	6 (0.9)	0.97 (0.68 - 1.38)	0.8528
16 (2.5)	434 (67.5)	193 (30.0)	16 (2.5)	1.05 (0.76 - 1.43)	0.7796
7 (1.1)	540 (84.1)	93 (14.5)	9 (1.4)	1.56 (1.03 - 2.35)	0.035
147 (22.9)	184 (28.6)	309 (48.1)	150 (23.3)	1.00 (0.79 - 1.27)	0.9851
80 (12.5)	292 (45.6)	276 (43.1)	73 (11.4)	1.14 (0.90 - 1.44)	0.2906
133 (20.7)	194 (30.2)	304 (47.4)	144 (22.4)	1.04 (0.83 - 1.31)	0.7183
26 (4.0)	421 (65.4)	199 (30.9)	24 (3.7)	0.99 (0.74 - 1.31)	0.9266
53 (8.2)	315 (48.9)	273 (42.4)	56 (8.7)	0.93 (0.73 - 1.20)	0.5912
37 (5.8)	352 (54.9)	247 (38.5)	42 (6.6)	1.00 (0.77 - 1.30)	0.974
31 (4.8)	403 (62.7)	214 (33.3)	26 (4.0)	1.24 (0.91 - 1.69)	0.164
16 (2.5)	482 (75.3)	144 (22.5)	14 (2.2)	0.99 (0.70 - 1.40)	0.9558
20 (3.1)	455 (70.7)	169 (26.2)	20 (3.1)	0.99 (0.73 - 1.34)	0.9498
2 (0.3)	528 (82.6)	108 (16.9)	3 (0.5)	0.86 (0.54 - 1.35)	0.5015
33 (5.1)	383 (59.6)	222 (34.5)	38 (5.9)	1.03 (0.78 - 1.34)	0.8489
67 (10.5)	296 (46.2)	266 (41.5)	79 (12.3)	1.04 (0.82 - 1.33)	0.7335
34 (5.3)	371 (57.8)	243 (37.9)	28 (4.4)	1.03 (0.79 - 1.34)	0.8469
29 (4.5)	410 (63.7)	209 (32.5)	25 (3.9)	1.00 (0.76 - 1.32)	0.9999
3 (0.5)	563 (87.8)	71 (11.1)	7 (1.1)	0.70 (0.43 - 1.15)	0.1627
68 (10.6)	287 (44.7)	292 (45.5)	63 (9.8)	1.12 (0.88 - 1.42)	0.3442
3 (0.5)	586 (91.0)	58 (9.0)	0 (0.0)	1.12 (0.69 - 1.80)	0.6482
49 (7.7)	361 (56.6)	233 (36.5)	44 (6.9)	1.22 (0.92 - 1.62)	0.1609
2 (0.3)	558 (86.8)	84 (13.1)	1 (0.2)	0.83 (0.51 - 1.35)	0.4541
3 (0.5)	573 (89.1)	70 (10.9)	0 (0.0)	1.08 (0.69 - 1.69)	0.7248
5 (0.8)	561 (87.1)	80 (12.4)	3 (0.5)	1.31 (0.85 - 2.02)	0.2217
3 (0.5)	548 (85.4)	89 (13.9)	5 (0.8)	1.19 (0.79 - 1.77)	0.4039
0 (0.0)	557 (86.9)	83 (12.9)	1 (0.2)	0.70 (0.43 - 1.11)	0.131
10 (1.6)	468 (72.8)	164 (25.5)	11 (1.7)	0.97 (0.71 - 1.33)	0.8681
10 (1.6)	524 (81.6)	111 (17.3)	7 (1.1)	1.60 (1.07 - 2.38)	0.021
5 (0.8)	500 (77.6)	133 (20.7)	11 (1.7)	0.99 (0.69 - 1.42)	0.9715
11 (1.7)	480 (74.7)	146 (22.7)	17 (2.6)	1.10 (0.80 - 1.51)	0.5486
12 (1.9)	479 (74.5)	154 (24.0)	10 (1.6)	0.94 (0.66 - 1.34)	0.7424
7 (1.1)	540 (83.9)	101 (15.7)	3 (0.5)	1.05 (0.73 - 1.52)	0.7777
136 (21.3)	185 (28.9)	331 (51.7)	124 (19.4)	1.04 (0.83 - 1.31)	0.7173
6 (0.9)	517 (80.3)	121 (18.8)	6 (0.9)	0.85 (0.58 - 1.25)	0.414
116 (18.0)	217 (33.7)	316 (49.1)	110 (17.1)	1.08 (0.87 - 1.35)	0.4878
5 (0.8)	557 (86.5)	84 (13.0)	3 (0.5)	1.19 (0.77 - 1.83)	0.4361
18 (2.8)	471 (73.3)	161 (25.0)	11 (1.7)	0.98 (0.73 - 1.32)	0.8788
114 (17.8)	217 (33.9)	318 (49.7)	105 (16.4)	1.09 (0.87 - 1.36)	0.4386

4 (0.6)	527 (81.8)	112 (17.4)	5 (0.8)	1.25 (0.86 - 1.82)	0.2483
110 (17.1)	203 (31.6)	325 (50.5)	115 (17.9)	0.85 (0.67 - 1.06)	0.1556
46 (7.2)	349 (54.4)	250 (38.9)	43 (6.7)	0.92 (0.71 - 1.18)	0.5082
107 (16.6)	235 (36.5)	315 (49.0)	93 (14.5)	0.99 (0.79 - 1.24)	0.9297
165 (25.7)	163 (25.3)	320 (49.8)	160 (24.9)	1.03 (0.82 - 1.29)	0.8119
69 (10.7)	286 (44.4)	287 (44.6)	71 (11.0)	0.84 (0.66 - 1.06)	0.1435
8 (1.2)	538 (83.5)	101 (15.7)	5 (0.8)	1.05 (0.73 - 1.51)	0.797
2 (0.3)	561 (87.5)	77 (12.0)	3 (0.5)	0.67 (0.40 - 1.12)	0.1242
3 (0.5)	532 (83.4)	102 (16.0)	4 (0.6)	0.61 (0.38 - 0.96)	0.032
3 (0.5)	564 (87.7)	76 (11.8)	3 (0.5)	0.61 (0.36 - 1.03)	0.065
54 (8.4)	326 (50.6)	267 (41.5)	51 (7.9)	0.87 (0.68 - 1.12)	0.2794
37 (5.8)	339 (52.7)	266 (41.4)	38 (5.9)	1.03 (0.78 - 1.35)	0.8341
2 (0.3)	552 (86.0)	86 (13.4)	4 (0.6)	1.05 (0.66 - 1.67)	0.8234
40 (6.2)	375 (58.3)	235 (36.5)	33 (5.1)	1.02 (0.78 - 1.34)	0.902
1 (0.2)	590 (91.9)	50 (7.8)	2 (0.3)	0.61 (0.34 - 1.10)	0.0983
80 (12.4)	262 (40.7)	306 (47.6)	75 (11.7)	1.11 (0.87 - 1.41)	0.4127
5 (0.8)	537 (83.5)	103 (16.0)	3 (0.5)	1.24 (0.80 - 1.94)	0.3341
4 (0.6)	537 (83.6)	99 (15.4)	6 (0.9)	1.32 (0.90 - 1.93)	0.1569
144 (22.4)	165 (25.7)	348 (54.1)	130 (20.2)	1.07 (0.84 - 1.37)	0.583
21 (3.3)	494 (76.8)	134 (20.8)	15 (2.3)	1.54 (1.11 - 2.15)	0.0107
29 (4.5)	439 (68.5)	172 (26.8)	30 (4.7)	1.11 (0.83 - 1.49)	0.4899
42 (6.5)	421 (65.4)	191 (29.7)	32 (5.0)	1.48 (1.10 - 2.00)	0.0096
52 (8.1)	317 (49.4)	273 (42.5)	52 (8.1)	0.87 (0.67 - 1.13)	0.2919
51 (7.9)	338 (52.6)	265 (41.3)	39 (6.1)	1.10 (0.84 - 1.44)	0.4805
88 (13.7)	251 (39.0)	309 (48.1)	83 (12.9)	1.09 (0.85 - 1.38)	0.5018
2 (0.3)	583 (90.5)	60 (9.3)	1 (0.2)	1.18 (0.68 - 2.06)	0.552
116 (18.0)	246 (38.3)	293 (45.6)	104 (16.2)	1.22 (0.95 - 1.56)	0.1199
45 (7.0)	332 (51.6)	264 (41.0)	48 (7.5)	0.83 (0.65 - 1.06)	0.1314
29 (4.5)	388 (60.4)	224 (34.9)	30 (4.7)	1.15 (0.86 - 1.53)	0.3378
20 (3.1)	495 (77.0)	133 (20.7)	15 (2.3)	1.58 (1.12 - 2.22)	0.0085
34 (5.3)	423 (65.8)	188 (29.2)	32 (5.0)	1.29 (0.97 - 1.71)	0.0777
27 (4.2)	456 (71.0)	166 (25.9)	20 (3.1)	1.60 (1.18 - 2.18)	0.0026
15 (2.4)	506 (79.3)	120 (18.8)	12 (1.9)	1.57 (1.10 - 2.26)	0.0133
19 (3.0)	501 (77.9)	127 (19.8)	15 (2.3)	1.57 (1.11 - 2.21)	0.0111
2 (0.3)	595 (92.5)	47 (7.3)	1 (0.2)	1.36 (0.76 - 2.41)	0.3001
2 (0.3)	547 (85.2)	88 (13.7)	7 (1.1)	0.70 (0.44 - 1.09)	0.1167

PD susceptibility: CS Dominant Model OR (95%CI)	PD susceptibility: CS Dominant P-value	PD susceptibility: CS Recessive Model OR (95%CI)	PD susceptibility: CS Recessive P-value	Age<Q1 Genotype n(%) 1/1 Cases	Age<Q1 Genotype n(%) 1/2 Cases
0.96 (0.69 - 1.33)	0.7946	1.04 (0.69 - 1.55)	0.8642	118 (43.5)	109 (40.2)
0.74 (0.53 - 1.03)	0.0723	1.09 (0.75 - 1.59)	0.6465	77 (28.2)	134 (49.1)
0.80 (0.51 - 1.25)	0.3202	0.70 (0.19 - 2.58)	0.5928	228 (83.5)	45 (16.5)
1.61 (0.90 - 2.88)	0.1064	0.00 (0.00 -)	0.9854	249 (91.5)	23 (8.5)
0.83 (0.60 - 1.16)	0.2779	0.77 (0.53 - 1.12)	0.1706	64 (23.4)	134 (49.1)
1.18 (0.84 - 1.64)	0.3392	1.30 (0.89 - 1.91)	0.1808	97 (35.7)	142 (52.2)
1.23 (0.86 - 1.76)	0.2645	1.16 (0.82 - 1.65)	0.4088	88 (32.2)	140 (51.3)
0.85 (0.59 - 1.22)	0.3733	0.73 (0.26 - 2.02)	0.54	213 (78.0)	55 (20.1)
0.73 (0.52 - 1.02)	0.0616	1.16 (0.80 - 1.70)	0.4267	79 (29.0)	134 (49.3)
1.23 (0.86 - 1.76)	0.2646	1.18 (0.83 - 1.68)	0.3601	88 (32.2)	140 (51.3)
0.90 (0.51 - 1.58)	0.7115	383393.5 (0.00 -)	0.9797	236 (86.8)	34 (12.5)
1.50 (1.02 - 2.20)	0.0403	0.64 (0.24 - 1.65)	0.3535	213 (78.0)	56 (20.5)
1.28 (0.85 - 1.91)	0.2352	0.74 (0.09 - 5.86)	0.7728	226 (82.8)	45 (16.5)
0.97 (0.72 - 1.32)	0.8551	1.79 (0.93 - 3.48)	0.0836	141 (52.0)	107 (39.5)
1.02 (0.65 - 1.59)	0.9362	2.03 (0.32 - 12.92)	0.4516	234 (86.0)	36 (13.2)
1.11 (0.77 - 1.61)	0.5765	0.57 (0.16 - 1.98)	0.3751	211 (77.3)	57 (20.9)
0.83 (0.58 - 1.18)	0.3009	2.98 (1.23 - 7.23)	0.0158	199 (73.2)	65 (23.9)
1.09 (0.80 - 1.47)	0.5823	1.46 (0.81 - 2.64)	0.2097	154 (56.8)	97 (35.8)
1.17 (0.85 - 1.61)	0.3461	1.15 (0.45 - 2.94)	0.7674	182 (66.7)	79 (28.9)
1.13 (0.81 - 1.58)	0.4812	1.04 (0.73 - 1.47)	0.8321	90 (33.1)	118 (43.4)
1.30 (0.79 - 2.15)	0.3049	1491899 (0.00 -)	0.9837	240 (88.2)	30 (11.0)
0.84 (0.60 - 1.18)	0.3165	1.01 (0.70 - 1.44)	0.9638	68 (25.1)	132 (48.7)
0.50 (0.33 - 0.76)	0.0012	1.84 (0.50 - 6.70)	0.3559	227 (83.2)	40 (14.7)
0.78 (0.56 - 1.07)	0.1244	0.82 (0.54 - 1.23)	0.3368	82 (30.0)	134 (49.1)
1.10 (0.79 - 1.54)	0.5641	1.02 (0.58 - 1.80)	0.9461	161 (59.2)	100 (36.8)
1.07 (0.75 - 1.51)	0.7203	0.79 (0.31 - 2.02)	0.624	183 (67.3)	83 (30.5)
1.20 (0.88 - 1.63)	0.2493	1.59 (0.96 - 2.64)	0.0745	129 (47.3)	119 (43.6)
1.03 (0.75 - 1.41)	0.8439	1.17 (0.59 - 2.29)	0.6551	160 (58.8)	91 (33.5)
0.71 (0.53 - 0.96)	0.0279	0.93 (0.53 - 1.62)	0.8017	150 (54.9)	98 (35.9)
0.83 (0.60 - 1.16)	0.2845	0.81 (0.56 - 1.16)	0.2458	59 (21.7)	136 (50.0)
1.04 (0.76 - 1.41)	0.816	1.07 (0.69 - 1.66)	0.7612	89 (32.6)	139 (50.9)
1.29 (0.93 - 1.79)	0.1335	1.04 (0.43 - 2.51)	0.933	177 (64.8)	84 (30.8)
0.71 (0.52 - 0.97)	0.0334	1.14 (0.71 - 1.83)	0.5853	109 (39.9)	127 (46.5)
0.58 (0.40 - 0.84)	0.0037	1.22 (0.49 - 3.04)	0.674	192 (70.8)	69 (25.5)
0.93 (0.67 - 1.28)	0.658	1.41 (0.67 - 2.95)	0.3619	180 (66.4)	76 (28.0)
0.94 (0.53 - 1.68)	0.8404	0.54 (0.18 - 1.57)	0.2548	232 (86.6)	29 (10.8)
0.88 (0.60 - 1.30)	0.5154	1.25 (0.32 - 4.93)	0.7484	226 (82.8)	45 (16.5)
0.96 (0.63 - 1.46)	0.8413	1.00 (0.37 - 2.75)	0.9954	229 (84.2)	40 (14.7)
1.47 (0.90 - 2.38)	0.1203	0.15 (0.02 - 1.33)	0.0893	233 (85.7)	37 (13.6)
1.39 (0.74 - 2.60)	0.3064	471303.1 (0.00 -)	0.9858	255 (93.4)	18 (6.6)
0.82 (0.53 - 1.27)	0.364	0.41 (0.06 - 2.67)	0.3533	236 (86.4)	35 (12.8)
1.32 (0.97 - 1.79)	0.0815	0.77 (0.48 - 1.24)	0.2876	127 (46.7)	126 (46.3)
0.69 (0.50 - 0.96)	0.027	0.70 (0.31 - 1.55)	0.3766	187 (69.0)	70 (25.8)
0.98 (0.72 - 1.34)	0.9068	1.15 (0.77 - 1.73)	0.4995	97 (35.7)	136 (50.0)
1.17 (0.84 - 1.62)	0.3489	1.16 (0.83 - 1.62)	0.3699	79 (28.9)	124 (45.4)
1.11 (0.82 - 1.52)	0.4981	1.22 (0.71 - 2.09)	0.4636	129 (47.3)	120 (44.0)
1.04 (0.77 - 1.39)	0.8028	0.98 (0.56 - 1.72)	0.9432	124 (45.6)	122 (44.9)
1.41 (0.97 - 2.06)	0.0724	0.39 (0.13 - 1.18)	0.0955	194 (71.3)	73 (26.8)

1.28 (0.89 - 1.85)	0.1899	1.51 (0.46 - 4.90)	0.4946	194 (71.1)	70 (25.6)
0.95 (0.70 - 1.29)	0.7369	1.27 (0.76 - 2.12)	0.3537	117 (43.0)	127 (46.7)
1.13 (0.83 - 1.53)	0.4465	1.04 (0.56 - 1.92)	0.9023	158 (57.9)	96 (35.2)
0.89 (0.65 - 1.22)	0.4567	0.99 (0.54 - 1.81)	0.9771	175 (64.1)	82 (30.0)
1.08 (0.81 - 1.45)	0.6113	1.07 (0.65 - 1.76)	0.7866	139 (51.1)	110 (40.4)
1.24 (0.89 - 1.74)	0.1973	1.41 (0.97 - 2.06)	0.0702	79 (29.0)	132 (48.5)
0.97 (0.70 - 1.35)	0.8603	1.21 (0.62 - 2.36)	0.5845	168 (61.5)	84 (30.8)
1.14 (0.81 - 1.61)	0.4379	0.54 (0.23 - 1.27)	0.1556	162 (59.3)	104 (38.1)
1.11 (0.79 - 1.56)	0.5373	1.53 (0.57 - 4.11)	0.4001	183 (67.3)	83 (30.5)
0.96 (0.72 - 1.28)	0.7857	0.87 (0.51 - 1.47)	0.6023	105 (38.6)	138 (50.7)
0.82 (0.54 - 1.26)	0.3654	0.99 (0.15 - 6.47)	0.9887	224 (82.7)	46 (17.0)
1.02 (0.77 - 1.37)	0.8716	1.34 (0.74 - 2.44)	0.3318	129 (47.4)	118 (43.4)
0.75 (0.48 - 1.18)	0.2141	2.39 (0.22 - 25.73)	0.4714	227 (83.2)	45 (16.5)
1.09 (0.76 - 1.55)	0.6442	2.02 (0.68 - 6.04)	0.2084	190 (69.9)	75 (27.6)
1.05 (0.77 - 1.42)	0.7762	0.85 (0.48 - 1.52)	0.5876	120 (44.0)	129 (47.3)
0.98 (0.67 - 1.43)	0.9115	0.82 (0.22 - 3.00)	0.7644	204 (75.6)	64 (23.7)
1.07 (0.76 - 1.50)	0.697	0.86 (0.30 - 2.45)	0.7847	177 (64.8)	89 (32.6)
1.66 (1.07 - 2.58)	0.0247	0.98 (0.22 - 4.31)	0.976	217 (80.1)	49 (18.1)
1.06 (0.75 - 1.51)	0.7343	0.93 (0.65 - 1.34)	0.7026	70 (25.6)	138 (50.5)
1.13 (0.83 - 1.53)	0.4331	1.21 (0.78 - 1.90)	0.3958	121 (44.5)	118 (43.4)
1.22 (0.87 - 1.72)	0.2479	0.88 (0.61 - 1.27)	0.5017	81 (29.7)	133 (48.7)
0.98 (0.71 - 1.35)	0.8794	1.04 (0.50 - 2.17)	0.9138	161 (59.0)	98 (35.9)
0.92 (0.68 - 1.25)	0.6096	0.93 (0.55 - 1.58)	0.801	114 (41.8)	136 (49.8)
1.06 (0.78 - 1.44)	0.7171	0.80 (0.42 - 1.53)	0.497	130 (47.8)	125 (46.0)
1.22 (0.87 - 1.73)	0.2518	1.35 (0.68 - 2.72)	0.3925	152 (55.7)	104 (38.1)
0.96 (0.66 - 1.41)	0.8485	1.18 (0.45 - 3.10)	0.7407	203 (74.6)	63 (23.2)
0.97 (0.68 - 1.37)	0.8522	1.09 (0.52 - 2.29)	0.8106	196 (72.1)	66 (24.3)
0.87 (0.54 - 1.41)	0.5713	0.57 (0.08 - 3.98)	0.5713	227 (83.5)	45 (16.5)
1.09 (0.80 - 1.49)	0.5899	0.79 (0.40 - 1.56)	0.4937	139 (50.9)	121 (44.3)
1.17 (0.85 - 1.60)	0.332	0.83 (0.52 - 1.32)	0.4354	120 (44.4)	120 (44.4)
0.96 (0.71 - 1.30)	0.7903	1.43 (0.73 - 2.80)	0.2949	148 (54.4)	107 (39.3)
0.94 (0.68 - 1.29)	0.7069	1.35 (0.66 - 2.73)	0.409	166 (60.8)	95 (34.8)
0.76 (0.45 - 1.30)	0.3189	0.19 (0.02 - 1.70)	0.1374	244 (89.4)	29 (10.6)
1.13 (0.84 - 1.52)	0.4327	1.17 (0.73 - 1.88)	0.5217	121 (44.3)	127 (46.5)
1.03 (0.63 - 1.70)	0.8986	1273122 (0.00 -)	0.984	246 (90.4)	26 (9.6)
1.24 (0.89 - 1.72)	0.2031	1.22 (0.67 - 2.22)	0.5109	134 (49.8)	108 (40.1)
0.81 (0.49 - 1.33)	0.4032	1.59 (0.12 - 20.84)	0.7221	238 (87.5)	34 (12.5)
1.00 (0.63 - 1.61)	0.9879	1482089 (0.00 -)	0.9837	242 (89.6)	24 (8.9)
1.32 (0.82 - 2.13)	0.2502	1.57 (0.36 - 6.82)	0.5483	242 (88.6)	29 (10.6)
1.24 (0.81 - 1.90)	0.3148	0.48 (0.05 - 4.92)	0.5366	227 (83.2)	45 (16.5)
0.70 (0.44 - 1.14)	0.1507	0.00 (0.00 -)	0.9859	242 (89.6)	27 (10.0)
0.99 (0.70 - 1.39)	0.9369	0.84 (0.29 - 2.46)	0.7485	187 (68.5)	81 (29.7)
1.55 (1.02 - 2.35)	0.0393	2.44 (0.58 - 10.20)	0.2214	203 (74.6)	60 (22.1)
1.12 (0.76 - 1.64)	0.5763	0.22 (0.04 - 1.08)	0.0626	205 (75.1)	65 (23.8)
1.24 (0.87 - 1.75)	0.2352	0.51 (0.20 - 1.33)	0.1701	187 (68.5)	80 (29.3)
0.91 (0.63 - 1.33)	0.636	1.29 (0.38 - 4.35)	0.6816	195 (71.4)	71 (26.0)
0.98 (0.67 - 1.44)	0.9125	3.15 (0.63 - 15.69)	0.1616	224 (82.1)	48 (17.6)
0.94 (0.68 - 1.29)	0.7062	1.21 (0.84 - 1.73)	0.3134	83 (30.4)	129 (47.3)
0.85 (0.57 - 1.28)	0.4456	0.79 (0.19 - 3.23)	0.7416	219 (80.2)	52 (19.0)
1.09 (0.80 - 1.48)	0.594	1.10 (0.77 - 1.59)	0.5991	97 (35.5)	126 (46.2)
1.14 (0.73 - 1.81)	0.5623	1.76 (0.41 - 7.55)	0.4474	229 (83.9)	43 (15.8)
0.88 (0.63 - 1.23)	0.4616	1.97 (0.78 - 4.95)	0.1505	197 (72.2)	72 (26.4)
1.06 (0.78 - 1.45)	0.6981	1.17 (0.81 - 1.70)	0.4053	97 (35.7)	125 (46.0)

1.29 (0.87 - 1.91)	0.2104	0.86 (0.19 - 3.96)	0.8452	221 (81.0)	51 (18.7)
0.79 (0.57 - 1.09)	0.1434	0.89 (0.61 - 1.29)	0.5284	89 (32.6)	128 (46.9)
0.86 (0.63 - 1.19)	0.3666	1.04 (0.61 - 1.75)	0.8925	144 (52.7)	110 (40.3)
0.86 (0.63 - 1.19)	0.3673	1.22 (0.82 - 1.83)	0.3243	105 (38.5)	125 (45.8)
1.00 (0.71 - 1.42)	0.9894	1.06 (0.76 - 1.48)	0.7342	78 (28.7)	128 (47.1)
0.77 (0.56 - 1.05)	0.1027	0.91 (0.57 - 1.43)	0.6763	122 (44.7)	120 (44.0)
0.99 (0.67 - 1.45)	0.9433	2.28 (0.56 - 9.23)	0.249	224 (82.1)	47 (17.2)
0.68 (0.40 - 1.15)	0.1483	0.50 (0.05 - 5.51)	0.5701	238 (87.2)	34 (12.5)
0.60 (0.37 - 0.97)	0.038	0.54 (0.09 - 3.34)	0.5115	231 (84.9)	39 (14.3)
0.59 (0.34 - 1.02)	0.0592	0.81 (0.11 - 5.92)	0.8313	241 (88.6)	29 (10.7)
0.79 (0.58 - 1.09)	0.1531	1.02 (0.62 - 1.66)	0.9503	140 (51.3)	110 (40.3)
1.04 (0.76 - 1.43)	0.8103	1.00 (0.56 - 1.79)	0.9921	151 (55.5)	103 (37.9)
1.11 (0.68 - 1.82)	0.665	0.57 (0.10 - 3.15)	0.5188	230 (84.2)	41 (15.0)
0.92 (0.67 - 1.27)	0.6135	1.50 (0.80 - 2.83)	0.2055	159 (58.5)	93 (34.2)
0.62 (0.33 - 1.16)	0.1336	0.33 (0.03 - 3.72)	0.3669	253 (92.7)	19 (7.0)
1.07 (0.79 - 1.45)	0.6715	1.23 (0.78 - 1.95)	0.3666	108 (39.7)	129 (47.4)
1.20 (0.76 - 1.88)	0.4363	1582602 (0.00 -)	0.9852	230 (84.2)	43 (15.8)
1.41 (0.94 - 2.13)	0.0978	0.75 (0.21 - 2.69)	0.6585	224 (82.1)	47 (17.2)
0.89 (0.63 - 1.27)	0.5336	1.31 (0.91 - 1.89)	0.1484	77 (28.2)	136 (49.8)
1.64 (1.13 - 2.37)	0.0095	1.31 (0.56 - 3.09)	0.5326	196 (71.8)	65 (23.8)
1.22 (0.87 - 1.70)	0.2493	0.75 (0.37 - 1.53)	0.4249	172 (63.0)	85 (31.1)
1.58 (1.10 - 2.26)	0.0126	1.41 (0.76 - 2.61)	0.2772	173 (63.4)	82 (30.0)
0.80 (0.59 - 1.10)	0.1736	1.04 (0.62 - 1.75)	0.8778	138 (50.7)	114 (41.9)
0.95 (0.70 - 1.31)	0.7714	1.91 (1.04 - 3.52)	0.0373	137 (50.4)	114 (41.9)
1.06 (0.78 - 1.44)	0.7226	1.17 (0.76 - 1.80)	0.4749	109 (39.9)	124 (45.4)
1.16 (0.64 - 2.09)	0.6245	2.11 (0.17 - 26.10)	0.5614	250 (91.6)	21 (7.7)
1.26 (0.90 - 1.77)	0.1705	1.20 (0.80 - 1.79)	0.3723	100 (36.6)	121 (44.3)
0.79 (0.58 - 1.08)	0.1373	0.84 (0.50 - 1.39)	0.4938	148 (54.2)	107 (39.2)
1.23 (0.88 - 1.71)	0.2215	0.93 (0.50 - 1.75)	0.8245	162 (59.3)	98 (35.9)
1.69 (1.16 - 2.47)	0.0066	1.24 (0.52 - 2.95)	0.6199	197 (72.2)	65 (23.8)
1.41 (1.02 - 1.96)	0.0374	0.97 (0.50 - 1.89)	0.9336	170 (62.5)	85 (31.3)
1.75 (1.23 - 2.48)	0.0018	1.31 (0.64 - 2.68)	0.4625	175 (64.1)	85 (31.1)
1.73 (1.16 - 2.57)	0.0066	1.02 (0.37 - 2.78)	0.9694	197 (72.2)	68 (24.9)
1.72 (1.17 - 2.54)	0.006	1.12 (0.46 - 2.70)	0.8007	196 (71.8)	66 (24.2)
1.34 (0.73 - 2.45)	0.3419	2.02 (0.17 - 24.28)	0.5797	247 (90.5)	26 (9.5)
0.76 (0.48 - 1.22)	0.2567	0.00 (0.00 -)	0.9792	246 (90.4)	25 (9.2)

Age<Q1 Genotype n(%) 2/2 Cases	Age<Q1 Genotype n(%) 1/1 Controls	Age<Q1 Genotype n(%) 1/2 Controls	Age<Q1 Genotype n(%) 2/2 Controls	PD susceptibility: Age<Q1 Trend Model OR (95%CI)	PD susceptibility: Age<Q1 Trend P-value
44 (16.2)	103 (38.0)	128 (47.2)	40 (14.8)	0.80 (0.57 - 1.12)	0.1904
62 (22.7)	79 (28.9)	142 (52.0)	52 (19.0)	1.15 (0.85 - 1.56)	0.354
0 (0.0)	220 (80.6)	53 (19.4)	0 (0.0)	0.73 (0.40 - 1.33)	0.3043
0 (0.0)	255 (93.8)	15 (5.5)	2 (0.7)	1.24 (0.56 - 2.75)	0.5958
75 (27.5)	66 (24.2)	138 (50.5)	69 (25.3)	1.08 (0.79 - 1.48)	0.6189
33 (12.1)	97 (35.7)	138 (50.7)	37 (13.6)	0.99 (0.73 - 1.33)	0.9285
45 (16.5)	84 (30.8)	140 (51.3)	49 (17.9)	0.92 (0.68 - 1.25)	0.6015
5 (1.8)	205 (75.1)	63 (23.1)	5 (1.8)	0.79 (0.51 - 1.23)	0.294
59 (21.7)	84 (30.9)	142 (52.2)	46 (16.9)	1.26 (0.92 - 1.73)	0.1466
45 (16.5)	84 (30.8)	140 (51.3)	49 (17.9)	0.92 (0.68 - 1.25)	0.6015
2 (0.7)	241 (88.6)	29 (10.7)	2 (0.7)	1.20 (0.61 - 2.37)	0.6
4 (1.5)	222 (81.3)	47 (17.2)	4 (1.5)	1.20 (0.76 - 1.92)	0.4332
2 (0.7)	229 (83.9)	43 (15.8)	1 (0.4)	1.26 (0.72 - 2.21)	0.4218
23 (8.5)	154 (56.8)	97 (35.8)	20 (7.4)	1.28 (0.90 - 1.80)	0.1663
2 (0.7)	231 (84.9)	39 (14.3)	2 (0.7)	0.86 (0.47 - 1.57)	0.6274
5 (1.8)	209 (76.6)	56 (20.5)	8 (2.9)	0.83 (0.51 - 1.32)	0.4269
8 (2.9)	183 (67.3)	79 (29.0)	10 (3.7)	0.59 (0.37 - 0.94)	0.0251
20 (7.4)	146 (53.9)	104 (38.4)	21 (7.7)	0.82 (0.58 - 1.16)	0.2606
12 (4.4)	180 (65.9)	80 (29.3)	13 (4.8)	0.91 (0.62 - 1.34)	0.647
64 (23.5)	72 (26.5)	138 (50.7)	62 (22.8)	0.78 (0.57 - 1.07)	0.1301
2 (0.7)	241 (88.6)	30 (11.0)	1 (0.4)	1.10 (0.63 - 1.92)	0.732
71 (26.2)	67 (24.7)	133 (49.1)	71 (26.2)	1.00 (0.74 - 1.34)	0.98
6 (2.2)	221 (81.0)	48 (17.6)	4 (1.5)	0.95 (0.60 - 1.49)	0.8221
57 (20.9)	81 (29.7)	135 (49.5)	57 (20.9)	0.99 (0.73 - 1.36)	0.9746
11 (4.0)	168 (61.8)	94 (34.6)	10 (3.7)	1.11 (0.78 - 1.58)	0.5533
6 (2.2)	185 (68.0)	83 (30.5)	4 (1.5)	1.08 (0.72 - 1.61)	0.7011
25 (9.2)	124 (45.4)	123 (45.1)	26 (9.5)	0.90 (0.65 - 1.24)	0.5071
21 (7.7)	166 (61.0)	95 (34.9)	11 (4.0)	1.24 (0.85 - 1.80)	0.2603
25 (9.2)	134 (49.1)	122 (44.7)	17 (6.2)	0.92 (0.65 - 1.28)	0.6078
77 (28.3)	61 (22.4)	144 (52.9)	67 (24.6)	1.14 (0.84 - 1.55)	0.4122
45 (16.5)	102 (37.4)	121 (44.3)	50 (18.3)	1.08 (0.80 - 1.45)	0.6275
12 (4.4)	192 (70.3)	76 (27.8)	5 (1.8)	1.66 (1.08 - 2.53)	0.0203
37 (13.6)	112 (41.0)	126 (46.2)	35 (12.8)	1.11 (0.81 - 1.53)	0.5158
10 (3.7)	190 (70.1)	73 (26.9)	8 (3.0)	1.00 (0.67 - 1.49)	0.9995
15 (5.5)	169 (62.4)	88 (32.5)	14 (5.2)	0.75 (0.50 - 1.11)	0.1493
7 (2.6)	238 (88.8)	19 (7.1)	11 (4.1)	0.96 (0.55 - 1.67)	0.8781
2 (0.7)	222 (81.3)	49 (17.9)	2 (0.7)	0.82 (0.49 - 1.38)	0.4574
3 (1.1)	230 (84.6)	41 (15.1)	1 (0.4)	1.13 (0.64 - 1.98)	0.6791
2 (0.7)	242 (89.0)	26 (9.6)	4 (1.5)	1.26 (0.73 - 2.18)	0.4062
0 (0.0)	251 (91.9)	22 (8.1)	0 (0.0)	0.70 (0.33 - 1.50)	0.3616
2 (0.7)	228 (83.5)	42 (15.4)	3 (1.1)	0.64 (0.34 - 1.21)	0.1682
19 (7.0)	142 (52.2)	100 (36.8)	30 (11.0)	1.04 (0.75 - 1.45)	0.7997
14 (5.2)	163 (60.1)	95 (35.1)	13 (4.8)	0.66 (0.44 - 0.98)	0.0396
39 (14.3)	101 (37.1)	128 (47.1)	43 (15.8)	1.01 (0.73 - 1.38)	0.9661
70 (25.6)	83 (30.4)	130 (47.6)	60 (22.0)	1.08 (0.81 - 1.45)	0.6079
24 (8.8)	135 (49.5)	117 (42.9)	21 (7.7)	1.11 (0.80 - 1.56)	0.5283
26 (9.6)	131 (48.2)	115 (42.3)	26 (9.6)	1.08 (0.77 - 1.52)	0.6592
5 (1.8)	213 (78.3)	50 (18.4)	9 (3.3)	1.44 (0.90 - 2.30)	0.1323

9 (3.3)	208 (76.2)	58 (21.2)	7 (2.6)	1.63 (1.02 - 2.60)	0.0427
28 (10.3)	125 (46.0)	122 (44.9)	25 (9.2)	1.12 (0.79 - 1.60)	0.5151
19 (7.0)	170 (62.3)	86 (31.5)	17 (6.2)	1.18 (0.83 - 1.69)	0.3601
16 (5.9)	156 (57.1)	104 (38.1)	13 (4.8)	0.77 (0.53 - 1.11)	0.1644
23 (8.5)	135 (49.6)	112 (41.2)	25 (9.2)	0.91 (0.66 - 1.26)	0.566
61 (22.4)	88 (32.4)	143 (52.6)	41 (15.1)	1.50 (1.08 - 2.09)	0.0161
21 (7.7)	152 (55.7)	112 (41.0)	9 (3.3)	0.91 (0.64 - 1.29)	0.5873
7 (2.6)	180 (65.9)	79 (28.9)	14 (5.1)	1.23 (0.80 - 1.89)	0.3379
6 (2.2)	182 (66.9)	81 (29.8)	9 (3.3)	0.90 (0.59 - 1.37)	0.6125
29 (10.7)	118 (43.4)	130 (47.8)	24 (8.8)	1.27 (0.90 - 1.80)	0.1677
1 (0.4)	216 (79.7)	54 (19.9)	1 (0.4)	0.74 (0.43 - 1.27)	0.2752
25 (9.2)	132 (48.5)	118 (43.4)	22 (8.1)	1.06 (0.75 - 1.49)	0.7351
1 (0.4)	219 (80.2)	53 (19.4)	1 (0.4)	0.70 (0.40 - 1.23)	0.2188
7 (2.6)	194 (71.3)	70 (25.7)	8 (2.9)	1.02 (0.66 - 1.58)	0.9149
24 (8.8)	133 (48.7)	113 (41.4)	27 (9.9)	1.15 (0.82 - 1.61)	0.4184
2 (0.7)	194 (71.9)	74 (27.4)	2 (0.7)	0.72 (0.45 - 1.15)	0.169
7 (2.6)	174 (63.7)	94 (34.4)	5 (1.8)	0.95 (0.64 - 1.42)	0.8036
5 (1.8)	231 (85.2)	34 (12.5)	6 (2.2)	1.82 (1.02 - 3.25)	0.0436
65 (23.8)	76 (27.8)	133 (48.7)	64 (23.4)	1.11 (0.81 - 1.53)	0.5224
33 (12.1)	112 (41.2)	129 (47.4)	31 (11.4)	0.91 (0.66 - 1.26)	0.5861
59 (21.6)	80 (29.3)	149 (54.6)	44 (16.1)	1.21 (0.88 - 1.66)	0.2418
14 (5.1)	175 (64.1)	86 (31.5)	12 (4.4)	1.27 (0.86 - 1.87)	0.2327
23 (8.4)	123 (45.1)	126 (46.2)	24 (8.8)	1.09 (0.77 - 1.53)	0.6432
17 (6.3)	149 (54.8)	106 (39.0)	17 (6.3)	1.36 (0.94 - 1.95)	0.103
17 (6.2)	171 (62.6)	89 (32.6)	13 (4.8)	1.67 (1.10 - 2.54)	0.0159
6 (2.2)	198 (72.8)	68 (25.0)	6 (2.2)	0.81 (0.50 - 1.30)	0.3751
10 (3.7)	197 (72.4)	67 (24.6)	8 (2.9)	1.11 (0.71 - 1.74)	0.6444
0 (0.0)	223 (82.0)	48 (17.6)	1 (0.4)	0.76 (0.41 - 1.41)	0.3878
13 (4.8)	164 (60.1)	94 (34.4)	15 (5.5)	1.44 (0.99 - 2.10)	0.0551
30 (11.1)	122 (45.2)	125 (46.3)	23 (8.5)	1.12 (0.82 - 1.55)	0.4711
17 (6.3)	146 (53.7)	113 (41.5)	13 (4.8)	1.00 (0.71 - 1.42)	0.9901
12 (4.4)	163 (59.7)	101 (37.0)	9 (3.3)	0.94 (0.64 - 1.37)	0.7326
0 (0.0)	237 (86.8)	34 (12.5)	2 (0.7)	0.61 (0.31 - 1.17)	0.1362
25 (9.2)	138 (50.5)	110 (40.3)	25 (9.2)	1.25 (0.90 - 1.72)	0.1822
0 (0.0)	241 (88.6)	31 (11.4)	0 (0.0)	0.80 (0.44 - 1.46)	0.4652
27 (10.0)	146 (54.3)	101 (37.5)	22 (8.2)	1.37 (0.94 - 1.98)	0.097
0 (0.0)	234 (86.0)	38 (14.0)	0 (0.0)	0.76 (0.39 - 1.49)	0.4292
4 (1.5)	242 (89.6)	28 (10.4)	0 (0.0)	1.11 (0.64 - 1.94)	0.7078
2 (0.7)	242 (88.6)	31 (11.4)	0 (0.0)	1.14 (0.61 - 2.13)	0.6778
1 (0.4)	229 (83.9)	44 (16.1)	0 (0.0)	1.11 (0.65 - 1.90)	0.7018
1 (0.4)	237 (87.8)	32 (11.9)	1 (0.4)	0.84 (0.44 - 1.61)	0.605
5 (1.8)	196 (71.8)	72 (26.4)	5 (1.8)	1.16 (0.77 - 1.74)	0.4916
9 (3.3)	224 (82.4)	43 (15.8)	5 (1.8)	2.71 (1.52 - 4.82)	0.0007
3 (1.1)	214 (78.4)	53 (19.4)	6 (2.2)	1.11 (0.70 - 1.77)	0.6557
6 (2.2)	204 (74.7)	58 (21.2)	11 (4.0)	1.31 (0.85 - 2.02)	0.2219
7 (2.6)	206 (75.5)	62 (22.7)	5 (1.8)	1.38 (0.88 - 2.16)	0.1643
1 (0.4)	233 (85.3)	39 (14.3)	1 (0.4)	1.33 (0.78 - 2.28)	0.2905
61 (22.3)	86 (31.5)	143 (52.4)	44 (16.1)	1.23 (0.92 - 1.65)	0.1653
2 (0.7)	221 (81.0)	49 (17.9)	3 (1.1)	0.98 (0.56 - 1.74)	0.9533
50 (18.3)	81 (29.7)	138 (50.5)	54 (19.8)	0.83 (0.62 - 1.11)	0.2087
1 (0.4)	234 (85.7)	38 (13.9)	1 (0.4)	1.20 (0.67 - 2.16)	0.5354
4 (1.5)	200 (73.3)	68 (24.9)	5 (1.8)	1.06 (0.69 - 1.63)	0.8033
50 (18.4)	79 (29.0)	139 (51.1)	54 (19.9)	0.81 (0.61 - 1.08)	0.1567

1 (0.4)	225 (82.4)	47 (17.2)	1 (0.4)	1.13 (0.65 - 1.99)	0.6642
56 (20.5)	96 (35.2)	134 (49.1)	43 (15.8)	1.24 (0.92 - 1.67)	0.1548
19 (7.0)	156 (57.1)	99 (36.3)	18 (6.6)	1.22 (0.86 - 1.71)	0.2615
43 (15.8)	112 (41.0)	126 (46.2)	35 (12.8)	1.17 (0.86 - 1.59)	0.309
66 (24.3)	59 (21.7)	136 (50.0)	77 (28.3)	0.74 (0.55 - 1.00)	0.05
31 (11.4)	135 (49.5)	109 (39.9)	29 (10.6)	1.16 (0.86 - 1.58)	0.3327
2 (0.7)	231 (84.6)	39 (14.3)	3 (1.1)	1.21 (0.72 - 2.03)	0.4702
1 (0.4)	245 (89.7)	27 (9.9)	1 (0.4)	1.37 (0.65 - 2.88)	0.4129
2 (0.7)	234 (86.0)	36 (13.2)	2 (0.7)	1.12 (0.58 - 2.15)	0.7428
2 (0.7)	243 (89.3)	27 (9.9)	2 (0.7)	1.09 (0.53 - 2.24)	0.8131
23 (8.4)	151 (55.3)	101 (37.0)	21 (7.7)	1.16 (0.85 - 1.59)	0.3561
18 (6.6)	131 (48.2)	119 (43.8)	22 (8.1)	0.67 (0.46 - 0.96)	0.0305
2 (0.7)	229 (83.9)	44 (16.1)	0 (0.0)	0.94 (0.51 - 1.74)	0.8436
20 (7.4)	159 (58.5)	103 (37.9)	10 (3.7)	1.14 (0.78 - 1.66)	0.4931
1 (0.4)	247 (90.5)	25 (9.2)	1 (0.4)	0.57 (0.24 - 1.31)	0.1855
35 (12.9)	121 (44.5)	117 (43.0)	34 (12.5)	1.14 (0.84 - 1.56)	0.3975
0 (0.0)	230 (84.2)	43 (15.8)	0 (0.0)	1.03 (0.58 - 1.83)	0.9246
2 (0.7)	226 (82.8)	42 (15.4)	5 (1.8)	0.94 (0.56 - 1.58)	0.8136
60 (22.0)	60 (22.0)	159 (58.2)	54 (19.8)	0.87 (0.61 - 1.23)	0.425
12 (4.4)	213 (78.0)	53 (19.4)	7 (2.6)	1.56 (1.01 - 2.42)	0.046
16 (5.9)	187 (68.5)	69 (25.3)	17 (6.2)	1.29 (0.86 - 1.93)	0.2224
18 (6.6)	179 (65.6)	82 (30.0)	12 (4.4)	1.18 (0.80 - 1.75)	0.4014
20 (7.4)	139 (51.1)	110 (40.4)	23 (8.5)	1.01 (0.70 - 1.46)	0.9505
21 (7.7)	143 (52.6)	113 (41.5)	16 (5.9)	1.15 (0.81 - 1.64)	0.4392
40 (14.7)	98 (35.9)	136 (49.8)	39 (14.3)	0.89 (0.63 - 1.24)	0.4792
2 (0.7)	243 (89.0)	29 (10.6)	1 (0.4)	0.64 (0.32 - 1.30)	0.2167
52 (19.0)	111 (40.7)	117 (42.9)	45 (16.5)	1.23 (0.90 - 1.69)	0.1949
18 (6.6)	144 (52.7)	108 (39.6)	21 (7.7)	0.93 (0.67 - 1.28)	0.6469
13 (4.8)	157 (57.5)	100 (36.6)	16 (5.9)	0.85 (0.58 - 1.23)	0.3829
11 (4.0)	213 (78.0)	53 (19.4)	7 (2.6)	1.51 (0.97 - 2.37)	0.0682
17 (6.3)	181 (66.5)	73 (26.8)	18 (6.6)	1.16 (0.80 - 1.67)	0.4321
13 (4.8)	199 (72.9)	66 (24.2)	8 (2.9)	1.64 (1.09 - 2.47)	0.0174
8 (2.9)	221 (81.0)	48 (17.6)	4 (1.5)	2.10 (1.26 - 3.50)	0.0042
11 (4.0)	216 (79.1)	52 (19.0)	5 (1.8)	1.80 (1.12 - 2.89)	0.016
0 (0.0)	253 (92.7)	20 (7.3)	0 (0.0)	1.38 (0.65 - 2.91)	0.3966
1 (0.4)	232 (85.3)	38 (14.0)	2 (0.7)	0.61 (0.34 - 1.09)	0.097

PD susceptibility: Age<Q1 Dominant Model OR (95%CI)	PD susceptibility: Age<Q1 Dominant P-value	PD susceptibility: Age<Q1 Recessive Model OR (95%CI)	PD susceptibility: Age<Q1 Recessive P-value	Age<Q2 Genotype n(%) 1/1 Cases	Age<Q2 Genotype n(%) 1/2 Cases
0.67 (0.43 - 1.04)	0.0734	1.04 (0.57 - 1.91)	0.888	216 (39.9)	239 (44.1)
1.01 (0.64 - 1.60)	0.954	1.47 (0.88 - 2.44)	0.139	181 (33.2)	260 (47.6)
0.73 (0.40 - 1.33)	0.3043	(-)	--	455 (83.2)	90 (16.5)
1.55 (0.64 - 3.76)	0.3322	0.00 (0.00 -)	0.9869	503 (92.1)	43 (7.9)
1.04 (0.65 - 1.64)	0.8813	1.19 (0.71 - 1.98)	0.5133	147 (26.9)	271 (49.6)
1.02 (0.67 - 1.57)	0.9103	0.91 (0.52 - 1.60)	0.753	194 (35.5)	266 (48.7)
0.88 (0.55 - 1.40)	0.5878	0.93 (0.56 - 1.53)	0.7783	167 (30.5)	270 (49.4)
0.78 (0.47 - 1.27)	0.308	0.72 (0.17 - 3.08)	0.6609	415 (75.9)	122 (22.3)
1.14 (0.71 - 1.83)	0.5765	1.58 (0.94 - 2.65)	0.0813	186 (34.2)	260 (47.8)
0.88 (0.55 - 1.40)	0.5878	0.93 (0.56 - 1.53)	0.7783	167 (30.5)	270 (49.4)
1.24 (0.60 - 2.56)	0.5644	0.91 (0.06 - 14.54)	0.9447	485 (89.0)	57 (10.5)
1.27 (0.76 - 2.13)	0.3667	0.94 (0.22 - 3.89)	0.9266	420 (76.9)	120 (22.0)
1.22 (0.69 - 2.18)	0.4937	1442436 (0.00 -)	0.9907	447 (81.9)	97 (17.8)
1.31 (0.86 - 1.98)	0.2082	1.36 (0.62 - 2.98)	0.4377	311 (57.2)	198 (36.4)
0.84 (0.45 - 1.54)	0.5713	1.61 (0.09 - 27.57)	0.7408	455 (83.3)	85 (15.6)
0.88 (0.53 - 1.45)	0.617	0.25 (0.03 - 2.42)	0.2313	416 (76.1)	120 (21.9)
0.58 (0.36 - 0.94)	0.0273	0.65 (0.15 - 2.88)	0.5724	369 (67.7)	158 (29.0)
0.78 (0.52 - 1.18)	0.2451	0.87 (0.39 - 1.90)	0.7213	295 (54.2)	209 (38.4)
0.90 (0.58 - 1.41)	0.6548	0.90 (0.30 - 2.72)	0.8465	353 (64.7)	172 (31.5)
0.61 (0.38 - 0.97)	0.0374	0.97 (0.60 - 1.56)	0.8906	154 (28.2)	262 (48.0)
1.08 (0.58 - 1.98)	0.8114	1.87 (0.17 - 20.68)	0.6099	478 (87.7)	64 (11.7)
0.94 (0.59 - 1.50)	0.7933	1.06 (0.66 - 1.70)	0.8223	134 (24.7)	269 (49.5)
0.86 (0.51 - 1.44)	0.566	1.65 (0.46 - 5.96)	0.4443	450 (82.3)	87 (15.9)
0.99 (0.64 - 1.53)	0.9548	1.00 (0.57 - 1.77)	0.988	178 (32.5)	267 (48.8)
1.12 (0.73 - 1.72)	0.6019	1.21 (0.50 - 2.91)	0.6741	314 (57.7)	204 (37.5)
1.04 (0.68 - 1.61)	0.8525	2.06 (0.38 - 11.26)	0.4058	364 (66.8)	168 (30.8)
0.85 (0.56 - 1.30)	0.4504	0.94 (0.48 - 1.86)	0.8635	246 (45.1)	243 (44.5)
1.04 (0.67 - 1.61)	0.849	2.98 (1.12 - 7.92)	0.0289	335 (61.5)	179 (32.8)
0.72 (0.47 - 1.09)	0.1218	1.95 (0.88 - 4.34)	0.0993	308 (56.3)	194 (35.5)
1.04 (0.66 - 1.65)	0.8699	1.35 (0.81 - 2.25)	0.243	138 (25.3)	271 (49.6)
1.22 (0.81 - 1.83)	0.3467	0.89 (0.50 - 1.59)	0.6915	195 (35.6)	265 (48.4)
1.52 (0.95 - 2.43)	0.0779	3.59 (0.98 - 13.16)	0.0533	363 (66.5)	170 (31.1)
1.12 (0.73 - 1.73)	0.6019	1.17 (0.63 - 2.17)	0.6116	245 (44.9)	240 (44.0)
0.94 (0.59 - 1.48)	0.7775	1.42 (0.49 - 4.15)	0.5186	392 (72.2)	133 (24.5)
0.69 (0.44 - 1.09)	0.1149	0.90 (0.31 - 2.63)	0.8539	348 (63.9)	171 (31.4)
1.33 (0.63 - 2.80)	0.4501	0.32 (0.08 - 1.30)	0.1105	479 (89.0)	49 (9.1)
0.81 (0.47 - 1.39)	0.4467	0.94 (0.06 - 15.00)	0.9624	443 (81.0)	97 (17.7)
1.03 (0.56 - 1.88)	0.9213	3.46 (0.35 - 33.97)	0.287	462 (84.8)	75 (13.8)
1.46 (0.79 - 2.70)	0.2252	0.34 (0.03 - 3.34)	0.3556	468 (86.0)	71 (13.1)
0.70 (0.33 - 1.50)	0.3616	(-)	--	513 (93.8)	34 (6.2)
0.65 (0.34 - 1.27)	0.2094	0.39 (0.03 - 4.52)	0.4548	468 (85.6)	75 (13.7)
1.33 (0.88 - 2.02)	0.1756	0.49 (0.22 - 1.06)	0.071	254 (46.6)	240 (44.0)
0.55 (0.35 - 0.87)	0.0115	1.22 (0.43 - 3.42)	0.7115	369 (67.7)	154 (28.3)
1.12 (0.72 - 1.72)	0.6227	0.83 (0.45 - 1.52)	0.546	188 (34.4)	266 (48.7)
1.01 (0.65 - 1.58)	0.9678	1.22 (0.75 - 1.99)	0.4193	167 (30.5)	251 (45.9)
1.07 (0.71 - 1.63)	0.7453	1.30 (0.66 - 2.57)	0.4531	267 (48.8)	231 (42.2)
1.15 (0.75 - 1.77)	0.524	0.95 (0.47 - 1.93)	0.8947	262 (48.1)	232 (42.6)
1.81 (1.06 - 3.11)	0.0311	0.43 (0.10 - 1.74)	0.2353	397 (72.8)	136 (25.0)

1.61 (0.95 - 2.72)	0.0753	2.29 (0.61 - 8.58)	0.218	394 (72.2)	137 (25.1)
1.17 (0.75 - 1.82)	0.5005	1.10 (0.53 - 2.27)	0.8013	250 (45.9)	234 (42.9)
1.23 (0.80 - 1.90)	0.3404	1.14 (0.49 - 2.68)	0.7577	319 (58.5)	188 (34.5)
0.66 (0.43 - 1.02)	0.0638	1.32 (0.49 - 3.51)	0.583	332 (60.8)	180 (33.0)
0.87 (0.57 - 1.32)	0.5107	0.95 (0.46 - 1.97)	0.8932	271 (49.7)	216 (39.6)
1.33 (0.83 - 2.12)	0.2344	1.98 (1.16 - 3.39)	0.012	163 (29.9)	274 (50.2)
0.67 (0.44 - 1.02)	0.0634	4.98 (1.42 - 17.49)	0.0122	335 (61.4)	180 (33.0)
1.60 (0.97 - 2.64)	0.0661	0.40 (0.13 - 1.28)	0.1223	341 (62.3)	186 (34.0)
0.95 (0.59 - 1.51)	0.8188	0.57 (0.16 - 2.04)	0.3905	375 (68.8)	153 (28.1)
1.29 (0.84 - 1.97)	0.2465	1.41 (0.69 - 2.91)	0.3453	233 (42.7)	254 (46.5)
0.74 (0.43 - 1.27)	0.2752	(-)	--	453 (83.1)	90 (16.5)
1.05 (0.68 - 1.61)	0.8412	1.16 (0.55 - 2.43)	0.6969	266 (48.7)	230 (42.1)
0.70 (0.40 - 1.23)	0.2188	(-)	--	460 (84.1)	85 (15.5)
1.07 (0.65 - 1.75)	0.7912	0.80 (0.24 - 2.72)	0.7254	389 (71.5)	137 (25.2)
1.38 (0.88 - 2.17)	0.1622	0.85 (0.44 - 1.65)	0.6332	252 (46.2)	241 (44.1)
0.70 (0.43 - 1.14)	0.1544	1.06 (0.07 - 16.97)	0.9673	414 (76.1)	124 (22.8)
0.89 (0.58 - 1.39)	0.6186	1.73 (0.40 - 7.53)	0.4658	355 (65.0)	177 (32.4)
2.00 (1.07 - 3.74)	0.03	0.97 (0.15 - 6.06)	0.9727	428 (78.5)	108 (19.8)
1.20 (0.74 - 1.94)	0.4716	1.07 (0.64 - 1.78)	0.7899	157 (28.7)	262 (47.9)
0.83 (0.54 - 1.29)	0.4151	1.04 (0.56 - 1.91)	0.9084	247 (45.3)	225 (41.3)
0.99 (0.62 - 1.57)	0.9651	1.80 (1.02 - 3.17)	0.041	164 (30.1)	262 (48.1)
1.36 (0.86 - 2.15)	0.1913	1.11 (0.44 - 2.80)	0.8173	342 (62.5)	176 (32.2)
1.18 (0.76 - 1.83)	0.4544	0.90 (0.44 - 1.87)	0.7856	250 (45.7)	244 (44.6)
1.55 (0.99 - 2.42)	0.0555	1.06 (0.45 - 2.50)	0.8859	277 (51.0)	230 (42.4)
1.81 (1.11 - 2.95)	0.0168	1.57 (0.60 - 4.16)	0.3598	315 (57.6)	202 (36.9)
0.78 (0.46 - 1.31)	0.3438	0.95 (0.23 - 3.96)	0.9439	402 (73.9)	132 (24.3)
1.05 (0.62 - 1.77)	0.8525	1.51 (0.50 - 4.51)	0.4641	396 (72.5)	133 (24.4)
0.81 (0.43 - 1.52)	0.5152	0.00 (0.00 -)	0.99	449 (82.7)	93 (17.1)
1.82 (1.15 - 2.89)	0.0112	0.82 (0.33 - 2.01)	0.6667	299 (54.7)	218 (39.9)
1.02 (0.67 - 1.55)	0.9213	1.58 (0.81 - 3.10)	0.1838	240 (44.1)	242 (44.5)
0.93 (0.62 - 1.41)	0.7496	1.35 (0.57 - 3.19)	0.4952	303 (55.8)	207 (38.1)
0.86 (0.56 - 1.34)	0.5145	1.41 (0.49 - 4.08)	0.5275	338 (61.8)	183 (33.5)
0.67 (0.34 - 1.30)	0.2329	0.00 (0.00 -)	0.9854	487 (89.5)	55 (10.1)
1.42 (0.94 - 2.13)	0.0963	1.01 (0.50 - 2.06)	0.9741	234 (42.9)	254 (46.5)
0.80 (0.44 - 1.46)	0.4652	(-)	--	496 (90.8)	50 (9.2)
1.37 (0.88 - 2.13)	0.1686	1.46 (0.70 - 3.04)	0.3088	278 (51.4)	217 (40.1)
0.76 (0.39 - 1.49)	0.4292	(-)	--	480 (87.9)	65 (11.9)
0.93 (0.49 - 1.76)	0.8233	4110854 (0.00 -)	0.9878	493 (90.8)	46 (8.5)
1.03 (0.54 - 1.99)	0.92	1526293 (0.00 -)	0.9867	487 (89.0)	55 (10.1)
1.07 (0.62 - 1.86)	0.7984	1444152 (0.00 -)	0.9907	454 (83.0)	90 (16.5)
0.82 (0.42 - 1.63)	0.5804	1.03 (0.06 - 16.53)	0.9822	485 (89.3)	57 (10.5)
1.22 (0.77 - 1.91)	0.3951	0.80 (0.19 - 3.33)	0.7642	391 (71.5)	146 (26.7)
2.63 (1.43 - 4.82)	0.0018	6.13 (0.70 - 53.79)	0.1015	417 (76.4)	115 (21.1)
1.28 (0.75 - 2.17)	0.3625	0.24 (0.03 - 2.17)	0.2054	413 (75.8)	127 (23.3)
1.61 (0.98 - 2.65)	0.059	0.47 (0.14 - 1.60)	0.2282	382 (70.1)	149 (27.3)
1.44 (0.87 - 2.37)	0.1548	1.33 (0.31 - 5.72)	0.6994	399 (72.9)	136 (24.9)
1.37 (0.78 - 2.38)	0.2695	0.95 (0.06 - 15.31)	0.974	458 (83.7)	85 (15.5)
1.12 (0.73 - 1.72)	0.6092	1.56 (0.95 - 2.59)	0.0813	172 (31.6)	272 (50.0)
1.04 (0.57 - 1.90)	0.8903	0.37 (0.03 - 4.62)	0.4411	434 (79.3)	107 (19.6)
0.73 (0.47 - 1.13)	0.1607	0.87 (0.54 - 1.41)	0.5752	173 (31.6)	270 (49.4)
1.22 (0.67 - 2.22)	0.5196	0.94 (0.06 - 14.99)	0.9629	456 (83.5)	87 (15.9)
1.09 (0.68 - 1.75)	0.7182	0.79 (0.17 - 3.81)	0.7737	400 (73.1)	134 (24.5)
0.69 (0.44 - 1.08)	0.1015	0.87 (0.53 - 1.41)	0.5649	173 (31.7)	269 (49.3)

1.11 (0.63 - 1.98)	0.7116	1.74 (0.10 - 31.68)	0.7075	447 (81.7)	99 (18.1)
1.16 (0.75 - 1.79)	0.5007	1.56 (0.93 - 2.62)	0.0949	190 (34.7)	252 (46.1)
1.34 (0.86 - 2.08)	0.1938	1.10 (0.52 - 2.31)	0.8035	300 (54.9)	217 (39.7)
1.24 (0.79 - 1.93)	0.356	1.21 (0.70 - 2.08)	0.493	215 (39.4)	264 (48.4)
0.63 (0.39 - 1.02)	0.0613	0.74 (0.47 - 1.18)	0.2095	133 (24.4)	271 (49.6)
1.30 (0.85 - 1.98)	0.2301	1.07 (0.58 - 1.98)	0.8349	252 (46.1)	242 (44.2)
1.26 (0.73 - 2.16)	0.4096	0.67 (0.06 - 8.02)	0.754	457 (83.5)	85 (15.5)
1.37 (0.65 - 2.88)	0.4129	(-)	--	477 (87.5)	66 (12.1)
1.16 (0.58 - 2.32)	0.6666	0.59 (0.03 - 10.58)	0.7187	456 (84.0)	83 (15.3)
1.15 (0.53 - 2.48)	0.7287	0.59 (0.03 - 10.59)	0.7196	478 (87.5)	65 (11.9)
1.28 (0.83 - 1.97)	0.2657	1.08 (0.56 - 2.06)	0.8261	287 (52.5)	225 (41.1)
0.60 (0.38 - 0.94)	0.0253	0.76 (0.36 - 1.58)	0.4561	307 (56.2)	207 (37.9)
0.85 (0.45 - 1.60)	0.6136	1333375 (0.00 -)	0.9868	466 (85.3)	78 (14.3)
0.92 (0.58 - 1.46)	0.7366	2.53 (1.03 - 6.19)	0.0424	314 (57.5)	198 (36.3)
0.52 (0.22 - 1.27)	0.1532	1.24 (0.08 - 20.26)	0.8776	506 (92.5)	40 (7.3)
1.20 (0.79 - 1.80)	0.3943	1.13 (0.62 - 2.03)	0.6931	209 (38.3)	262 (48.0)
1.03 (0.58 - 1.83)	0.9246	(-)	--	451 (82.6)	90 (16.5)
1.03 (0.58 - 1.83)	0.9255	0.47 (0.09 - 2.44)	0.3652	451 (82.6)	92 (16.8)
0.60 (0.36 - 1.00)	0.0487	1.29 (0.75 - 2.22)	0.3625	156 (28.5)	278 (50.8)
1.68 (1.01 - 2.81)	0.0466	1.72 (0.51 - 5.77)	0.3771	390 (71.4)	136 (24.9)
1.52 (0.95 - 2.45)	0.083	0.71 (0.27 - 1.91)	0.504	346 (63.3)	176 (32.2)
1.15 (0.71 - 1.85)	0.5772	1.54 (0.60 - 3.97)	0.3679	334 (61.1)	179 (32.7)
1.06 (0.69 - 1.64)	0.7904	0.87 (0.40 - 1.91)	0.7296	282 (51.6)	225 (41.2)
1.07 (0.69 - 1.64)	0.7742	1.65 (0.73 - 3.73)	0.2287	274 (50.3)	230 (42.2)
0.76 (0.48 - 1.18)	0.2203	1.13 (0.63 - 2.03)	0.693	222 (40.6)	253 (46.3)
0.55 (0.25 - 1.22)	0.1418	1.42 (0.12 - 16.24)	0.7792	497 (90.9)	46 (8.4)
1.32 (0.84 - 2.06)	0.23	1.27 (0.71 - 2.27)	0.4121	187 (34.2)	260 (47.6)
0.92 (0.60 - 1.39)	0.6772	0.90 (0.45 - 1.80)	0.7639	298 (54.5)	213 (38.9)
0.84 (0.54 - 1.31)	0.4485	0.79 (0.33 - 1.90)	0.5936	331 (60.5)	196 (35.8)
1.64 (0.98 - 2.74)	0.0599	1.46 (0.42 - 5.04)	0.5466	390 (71.3)	139 (25.4)
1.33 (0.85 - 2.08)	0.2157	0.77 (0.32 - 1.88)	0.5695	331 (60.6)	188 (34.4)
1.75 (1.10 - 2.76)	0.0173	1.55 (0.52 - 4.67)	0.4329	359 (65.6)	162 (29.6)
2.26 (1.30 - 3.96)	0.0041	2.33 (0.45 - 11.97)	0.3117	396 (72.7)	136 (25.0)
1.83 (1.08 - 3.12)	0.0252	2.96 (0.61 - 14.42)	0.1795	393 (72.0)	136 (24.9)
1.38 (0.65 - 2.91)	0.3966	(-)	--	502 (91.8)	45 (8.2)
0.58 (0.31 - 1.09)	0.0895	0.70 (0.06 - 8.48)	0.7759	476 (87.2)	69 (12.6)

Age<Q2 Genotype n(%) 2/2 Cases	Age<Q2 Genotype n(%) 1/1 Controls	Age<Q2 Genotype n(%) 1/2 Controls	Age<Q2 Genotype n(%) 2/2 Controls	PD susceptibility: Age<Q2 Trend Model OR (95%CI)	PD susceptibility: Age<Q2 Trend P-value
87 (16.1)	203 (37.5)	253 (46.7)	86 (15.9)	0.91 (0.74 - 1.13)	0.4078
105 (19.2)	179 (32.8)	266 (48.7)	101 (18.5)	1.02 (0.83 - 1.26)	0.8259
2 (0.4)	453 (82.8)	90 (16.5)	4 (0.7)	0.92 (0.63 - 1.33)	0.6425
0 (0.0)	503 (92.1)	41 (7.5)	2 (0.4)	0.95 (0.57 - 1.58)	0.8414
128 (23.4)	151 (27.7)	260 (47.6)	135 (24.7)	0.99 (0.80 - 1.22)	0.9071
86 (15.8)	198 (36.3)	257 (47.1)	91 (16.7)	0.99 (0.81 - 1.22)	0.9461
110 (20.1)	175 (32.0)	256 (46.8)	116 (21.2)	1.00 (0.81 - 1.23)	0.9877
10 (1.8)	410 (75.0)	122 (22.3)	15 (2.7)	0.90 (0.67 - 1.20)	0.4595
98 (18.0)	192 (35.3)	264 (48.5)	88 (16.2)	1.13 (0.91 - 1.40)	0.2819
110 (20.1)	175 (32.0)	256 (46.8)	116 (21.2)	1.00 (0.81 - 1.23)	0.9877
3 (0.6)	484 (88.8)	58 (10.6)	3 (0.6)	0.97 (0.62 - 1.54)	0.9085
6 (1.1)	429 (78.6)	106 (19.4)	11 (2.0)	1.05 (0.77 - 1.43)	0.7686
2 (0.4)	459 (84.1)	84 (15.4)	3 (0.5)	1.24 (0.86 - 1.78)	0.2542
35 (6.4)	328 (60.3)	184 (33.8)	32 (5.9)	1.15 (0.91 - 1.45)	0.2515
6 (1.1)	459 (84.1)	82 (15.0)	5 (0.9)	1.10 (0.75 - 1.61)	0.6114
11 (2.0)	419 (76.6)	113 (20.7)	15 (2.7)	0.97 (0.71 - 1.33)	0.8662
18 (3.3)	362 (66.4)	164 (30.1)	19 (3.5)	0.88 (0.65 - 1.19)	0.4074
40 (7.4)	287 (52.8)	218 (40.1)	39 (7.2)	0.94 (0.75 - 1.18)	0.5815
21 (3.8)	360 (65.9)	163 (29.9)	23 (4.2)	1.04 (0.80 - 1.35)	0.7729
130 (23.8)	131 (24.0)	283 (51.8)	132 (24.2)	0.85 (0.69 - 1.05)	0.1432
3 (0.6)	482 (88.4)	61 (11.2)	2 (0.4)	1.13 (0.76 - 1.68)	0.557
140 (25.8)	144 (26.5)	254 (46.8)	145 (26.7)	1.02 (0.83 - 1.25)	0.8278
10 (1.8)	431 (78.8)	110 (20.1)	6 (1.1)	0.82 (0.60 - 1.14)	0.2357
102 (18.6)	177 (32.4)	256 (46.8)	114 (20.8)	0.93 (0.75 - 1.15)	0.5153
26 (4.8)	329 (60.5)	187 (34.4)	28 (5.1)	1.08 (0.86 - 1.36)	0.5077
13 (2.4)	367 (67.3)	164 (30.1)	14 (2.6)	1.03 (0.78 - 1.34)	0.8447
57 (10.4)	249 (45.6)	239 (43.8)	58 (10.6)	1.00 (0.81 - 1.23)	0.9915
31 (5.7)	350 (64.2)	168 (30.8)	27 (5.0)	1.16 (0.90 - 1.48)	0.2516
45 (8.2)	287 (52.5)	214 (39.1)	46 (8.4)	0.87 (0.70 - 1.09)	0.2297
137 (25.1)	140 (25.6)	268 (49.1)	138 (25.3)	1.01 (0.82 - 1.25)	0.8997
87 (15.9)	216 (39.5)	232 (42.4)	99 (18.1)	1.05 (0.85 - 1.29)	0.6712
13 (2.4)	385 (70.5)	147 (26.9)	14 (2.6)	1.25 (0.95 - 1.66)	0.1125
61 (11.2)	240 (44.0)	243 (44.5)	63 (11.5)	0.97 (0.78 - 1.21)	0.7872
18 (3.3)	374 (68.9)	156 (28.7)	13 (2.4)	0.89 (0.67 - 1.17)	0.3867
26 (4.8)	341 (62.6)	174 (31.9)	30 (5.5)	0.89 (0.70 - 1.15)	0.3771
10 (1.9)	481 (89.4)	43 (8.0)	14 (2.6)	0.93 (0.61 - 1.41)	0.7375
7 (1.3)	443 (81.0)	95 (17.4)	9 (1.6)	0.97 (0.69 - 1.35)	0.8538
8 (1.5)	456 (83.7)	85 (15.6)	4 (0.7)	1.01 (0.71 - 1.45)	0.9446
5 (0.9)	478 (87.9)	59 (10.8)	7 (1.3)	1.18 (0.80 - 1.73)	0.4024
0 (0.0)	504 (92.1)	43 (7.9)	0 (0.0)	0.67 (0.38 - 1.18)	0.1663
4 (0.7)	470 (85.9)	73 (13.3)	4 (0.7)	1.05 (0.69 - 1.60)	0.83
51 (9.4)	270 (49.5)	212 (38.9)	63 (11.6)	1.02 (0.82 - 1.27)	0.8318
22 (4.0)	354 (65.0)	173 (31.7)	18 (3.3)	0.90 (0.68 - 1.19)	0.4523
92 (16.8)	190 (34.8)	270 (49.5)	86 (15.8)	1.05 (0.84 - 1.30)	0.6708
129 (23.6)	163 (29.8)	262 (47.9)	122 (22.3)	1.00 (0.82 - 1.22)	0.9897
49 (9.0)	272 (49.7)	240 (43.9)	35 (6.4)	1.12 (0.90 - 1.41)	0.3153
51 (9.4)	268 (49.2)	233 (42.8)	44 (8.1)	1.08 (0.86 - 1.35)	0.5198
12 (2.2)	418 (76.7)	114 (20.9)	13 (2.4)	1.25 (0.92 - 1.69)	0.1491

15 (2.7)	406 (74.4)	127 (23.3)	13 (2.4)	1.20 (0.89 - 1.61)	0.232
61 (11.2)	251 (46.1)	245 (45.0)	49 (9.0)	1.07 (0.85 - 1.35)	0.5488
38 (7.0)	335 (61.5)	176 (32.3)	34 (6.2)	1.14 (0.90 - 1.44)	0.2932
34 (6.2)	297 (54.4)	216 (39.6)	33 (6.0)	0.77 (0.60 - 0.98)	0.0367
58 (10.6)	265 (48.6)	219 (40.2)	61 (11.2)	0.94 (0.76 - 1.17)	0.5865
109 (20.0)	181 (33.2)	268 (49.1)	97 (17.8)	1.20 (0.97 - 1.50)	0.0945
31 (5.7)	317 (58.1)	207 (37.9)	22 (4.0)	0.91 (0.71 - 1.17)	0.4686
20 (3.7)	359 (65.6)	166 (30.3)	22 (4.0)	1.15 (0.87 - 1.51)	0.3181
17 (3.1)	372 (68.3)	158 (29.0)	15 (2.8)	0.98 (0.75 - 1.29)	0.9099
59 (10.8)	246 (45.1)	251 (46.0)	49 (9.0)	1.16 (0.93 - 1.45)	0.1974
2 (0.4)	457 (83.9)	84 (15.4)	4 (0.7)	1.01 (0.68 - 1.50)	0.9563
50 (9.2)	274 (50.2)	232 (42.5)	40 (7.3)	1.11 (0.89 - 1.39)	0.3619
2 (0.4)	464 (84.8)	80 (14.6)	3 (0.5)	1.04 (0.69 - 1.57)	0.8447
18 (3.3)	390 (71.7)	144 (26.5)	10 (1.8)	1.09 (0.82 - 1.45)	0.5641
53 (9.7)	250 (45.8)	250 (45.8)	46 (8.4)	1.03 (0.81 - 1.31)	0.8028
6 (1.1)	407 (74.8)	131 (24.1)	6 (1.1)	0.91 (0.67 - 1.25)	0.5711
14 (2.6)	366 (67.0)	167 (30.6)	13 (2.4)	1.10 (0.83 - 1.45)	0.5199
9 (1.7)	453 (83.1)	86 (15.8)	6 (1.1)	1.59 (1.11 - 2.28)	0.0108
128 (23.4)	164 (30.0)	263 (48.1)	120 (21.9)	1.08 (0.87 - 1.33)	0.4836
73 (13.4)	245 (45.0)	235 (43.1)	65 (11.9)	1.04 (0.84 - 1.28)	0.7213
119 (21.8)	161 (29.5)	269 (49.4)	115 (21.1)	1.02 (0.82 - 1.26)	0.8802
29 (5.3)	351 (64.2)	178 (32.5)	18 (3.3)	1.15 (0.89 - 1.50)	0.2825
53 (9.7)	248 (45.3)	251 (45.9)	48 (8.8)	1.00 (0.80 - 1.25)	0.9978
36 (6.6)	290 (53.4)	222 (40.9)	31 (5.7)	1.15 (0.90 - 1.47)	0.2731
30 (5.5)	340 (62.2)	185 (33.8)	22 (4.0)	1.32 (1.02 - 1.73)	0.0377
10 (1.8)	402 (73.9)	131 (24.1)	11 (2.0)	0.95 (0.68 - 1.32)	0.7484
17 (3.1)	391 (71.6)	143 (26.2)	12 (2.2)	1.04 (0.77 - 1.40)	0.7959
1 (0.2)	438 (80.7)	103 (19.0)	2 (0.4)	0.77 (0.51 - 1.16)	0.209
30 (5.5)	322 (58.9)	198 (36.2)	27 (4.9)	1.23 (0.95 - 1.58)	0.1192
62 (11.4)	244 (44.9)	237 (43.6)	63 (11.6)	1.03 (0.82 - 1.28)	0.8185
33 (6.1)	300 (55.2)	219 (40.3)	24 (4.4)	1.03 (0.81 - 1.31)	0.8178
26 (4.8)	344 (62.9)	183 (33.5)	20 (3.7)	1.08 (0.84 - 1.40)	0.5488
2 (0.4)	474 (87.1)	63 (11.6)	7 (1.3)	0.64 (0.41 - 0.99)	0.0462
58 (10.6)	251 (46.0)	245 (44.9)	50 (9.2)	1.17 (0.94 - 1.46)	0.1501
0 (0.0)	481 (88.1)	64 (11.7)	1 (0.2)	0.69 (0.45 - 1.07)	0.0946
46 (8.5)	287 (53.0)	216 (39.9)	38 (7.0)	1.13 (0.88 - 1.44)	0.3343
1 (0.2)	484 (88.6)	61 (11.2)	1 (0.2)	1.07 (0.67 - 1.71)	0.7702
4 (0.7)	480 (88.4)	63 (11.6)	0 (0.0)	0.83 (0.55 - 1.25)	0.3686
5 (0.9)	486 (88.8)	60 (11.0)	1 (0.2)	1.13 (0.74 - 1.73)	0.5601
3 (0.5)	455 (83.2)	89 (16.3)	3 (0.5)	1.00 (0.69 - 1.43)	0.9887
1 (0.2)	472 (86.9)	70 (12.9)	1 (0.2)	0.73 (0.47 - 1.12)	0.15
10 (1.8)	398 (72.8)	141 (25.8)	8 (1.5)	1.08 (0.80 - 1.46)	0.5975
14 (2.6)	434 (79.5)	105 (19.2)	7 (1.3)	1.40 (1.00 - 1.94)	0.0472
5 (0.9)	427 (78.3)	110 (20.2)	8 (1.5)	1.14 (0.81 - 1.60)	0.453
14 (2.6)	399 (73.2)	128 (23.5)	18 (3.3)	1.13 (0.86 - 1.49)	0.371
12 (2.2)	404 (73.9)	137 (25.0)	6 (1.1)	1.11 (0.82 - 1.52)	0.4951
4 (0.7)	471 (86.1)	72 (13.2)	4 (0.7)	1.24 (0.86 - 1.79)	0.2412
100 (18.4)	167 (30.7)	282 (51.8)	95 (17.5)	1.00 (0.81 - 1.23)	0.9866
6 (1.1)	443 (81.0)	99 (18.1)	5 (0.9)	1.11 (0.78 - 1.58)	0.5532
104 (19.0)	174 (31.8)	262 (47.9)	111 (20.3)	0.99 (0.81 - 1.21)	0.9381
3 (0.5)	464 (85.0)	80 (14.7)	2 (0.4)	1.18 (0.79 - 1.76)	0.4177
13 (2.4)	402 (73.5)	135 (24.7)	10 (1.8)	1.06 (0.79 - 1.41)	0.7106
104 (19.0)	171 (31.3)	265 (48.5)	110 (20.1)	0.98 (0.80 - 1.20)	0.839

1 (0.2)	452 (82.6)	90 (16.5)	5 (0.9)	1.00 (0.69 - 1.44)	0.9981
105 (19.2)	194 (35.5)	255 (46.6)	98 (17.9)	1.04 (0.86 - 1.27)	0.667
29 (5.3)	306 (56.0)	204 (37.4)	36 (6.6)	1.00 (0.79 - 1.27)	0.9935
67 (12.3)	211 (38.6)	261 (47.8)	74 (13.6)	0.92 (0.74 - 1.15)	0.4659
142 (26.0)	127 (23.3)	267 (48.9)	152 (27.8)	0.93 (0.76 - 1.15)	0.5161
53 (9.7)	260 (47.5)	228 (41.7)	59 (10.8)	0.99 (0.80 - 1.23)	0.9586
5 (0.9)	467 (85.4)	74 (13.5)	6 (1.1)	1.16 (0.81 - 1.66)	0.4043
2 (0.4)	485 (89.0)	59 (10.8)	1 (0.2)	1.17 (0.73 - 1.89)	0.5107
4 (0.7)	460 (84.7)	80 (14.7)	3 (0.6)	1.05 (0.70 - 1.56)	0.8153
3 (0.5)	482 (88.3)	61 (11.2)	3 (0.5)	1.05 (0.68 - 1.62)	0.8201
35 (6.4)	291 (53.2)	214 (39.1)	42 (7.7)	0.97 (0.77 - 1.22)	0.7958
32 (5.9)	289 (52.9)	226 (41.4)	31 (5.7)	0.87 (0.69 - 1.11)	0.2748
2 (0.4)	467 (85.5)	76 (13.9)	3 (0.5)	0.93 (0.60 - 1.44)	0.7382
34 (6.2)	300 (54.9)	217 (39.7)	29 (5.3)	0.91 (0.71 - 1.17)	0.4514
1 (0.2)	503 (92.0)	43 (7.9)	1 (0.2)	0.86 (0.49 - 1.49)	0.5828
75 (13.7)	212 (38.8)	256 (46.9)	78 (14.3)	0.98 (0.79 - 1.21)	0.8456
5 (0.9)	461 (84.4)	82 (15.0)	3 (0.5)	1.27 (0.86 - 1.86)	0.2347
3 (0.5)	461 (84.4)	79 (14.5)	6 (1.1)	1.10 (0.76 - 1.59)	0.6038
113 (20.7)	141 (25.8)	308 (56.3)	98 (17.9)	1.00 (0.79 - 1.26)	0.9964
20 (3.7)	425 (77.8)	110 (20.1)	11 (2.0)	1.59 (1.17 - 2.17)	0.0031
25 (4.6)	386 (70.6)	138 (25.2)	23 (4.2)	1.50 (1.13 - 2.00)	0.0056
34 (6.2)	367 (67.1)	158 (28.9)	22 (4.0)	1.47 (1.12 - 1.93)	0.0059
39 (7.1)	284 (52.0)	216 (39.6)	46 (8.4)	0.97 (0.76 - 1.25)	0.8206
41 (7.5)	264 (48.4)	244 (44.8)	37 (6.8)	0.94 (0.74 - 1.19)	0.597
72 (13.2)	220 (40.2)	262 (47.9)	65 (11.9)	1.03 (0.83 - 1.29)	0.778
4 (0.7)	495 (90.5)	51 (9.3)	1 (0.2)	1.05 (0.65 - 1.71)	0.8356
99 (18.1)	209 (38.3)	244 (44.7)	93 (17.0)	1.18 (0.94 - 1.48)	0.1479
36 (6.6)	287 (52.5)	223 (40.8)	37 (6.8)	0.94 (0.75 - 1.19)	0.6209
20 (3.7)	330 (60.3)	187 (34.2)	30 (5.5)	0.90 (0.70 - 1.17)	0.4446
18 (3.3)	427 (78.1)	109 (19.9)	11 (2.0)	1.62 (1.18 - 2.21)	0.0028
27 (4.9)	359 (65.8)	158 (28.9)	29 (5.3)	1.22 (0.94 - 1.59)	0.1345
26 (4.8)	400 (73.1)	133 (24.3)	14 (2.6)	1.61 (1.22 - 2.14)	0.0009
13 (2.4)	438 (80.4)	99 (18.2)	8 (1.5)	1.82 (1.30 - 2.56)	0.0006
17 (3.1)	432 (79.1)	104 (19.0)	10 (1.8)	1.69 (1.22 - 2.34)	0.0016
0 (0.0)	507 (92.7)	40 (7.3)	0 (0.0)	1.19 (0.69 - 2.06)	0.528
1 (0.2)	463 (84.8)	81 (14.8)	2 (0.4)	0.79 (0.53 - 1.19)	0.255

PD susceptibility: Age<Q2 Dominant Model OR (95%CI)	PD susceptibility: Age<Q2 Dominant P-value	PD susceptibility: Age<Q2 Recessive Model OR (95%CI)	PD susceptibility: Age<Q2 Recessive P-value	Age>Q2 Genotype n(%) 1/1 Cases	Age>Q2 Genotype n(%) 1/2 Cases
0.86 (0.64 - 1.15)	0.3114	0.97 (0.66 - 1.41)	0.855	199 (38.7)	246 (47.9)
0.97 (0.72 - 1.30)	0.8193	1.13 (0.79 - 1.64)	0.5006	179 (33.5)	260 (48.6)
0.96 (0.65 - 1.42)	0.8364	0.35 (0.06 - 2.03)	0.2433	448 (83.1)	85 (15.8)
1.01 (0.60 - 1.72)	0.9564	0.00 (0.00 -)	0.9868	483 (90.6)	50 (9.4)
1.06 (0.78 - 1.46)	0.6985	0.90 (0.64 - 1.27)	0.5442	143 (26.7)	276 (51.5)
1.04 (0.77 - 1.41)	0.7817	0.93 (0.65 - 1.31)	0.6646	182 (33.8)	265 (49.2)
1.08 (0.79 - 1.49)	0.6256	0.92 (0.66 - 1.28)	0.6295	152 (28.2)	284 (52.7)
0.94 (0.68 - 1.31)	0.7157	0.53 (0.20 - 1.37)	0.1893	409 (76.6)	115 (21.5)
1.10 (0.81 - 1.50)	0.5345	1.23 (0.85 - 1.79)	0.2763	193 (35.9)	255 (47.4)
1.08 (0.79 - 1.49)	0.6256	0.92 (0.66 - 1.28)	0.6295	152 (28.3)	282 (52.4)
0.97 (0.59 - 1.59)	0.9045	0.99 (0.14 - 7.00)	0.9886	486 (90.5)	49 (9.1)
1.14 (0.81 - 1.61)	0.4523	0.55 (0.20 - 1.49)	0.2384	400 (74.3)	132 (24.5)
1.27 (0.87 - 1.85)	0.2077	0.50 (0.05 - 5.52)	0.572	418 (78.1)	115 (21.5)
1.17 (0.88 - 1.54)	0.2797	1.20 (0.66 - 2.18)	0.5429	296 (55.1)	213 (39.7)
1.08 (0.72 - 1.62)	0.7227	1.73 (0.38 - 7.99)	0.4809	461 (85.5)	74 (13.7)
1.02 (0.73 - 1.43)	0.9111	0.59 (0.20 - 1.80)	0.3573	413 (76.8)	117 (21.7)
0.87 (0.63 - 1.20)	0.3937	0.93 (0.38 - 2.32)	0.8819	375 (69.7)	140 (26.0)
0.91 (0.68 - 1.20)	0.4909	1.00 (0.60 - 1.69)	0.9865	285 (53.1)	208 (38.7)
1.07 (0.80 - 1.45)	0.6433	0.88 (0.41 - 1.87)	0.7385	363 (67.3)	156 (28.9)
0.73 (0.52 - 1.01)	0.0589	0.94 (0.68 - 1.29)	0.6906	142 (26.3)	266 (49.3)
1.13 (0.73 - 1.73)	0.5921	1.46 (0.24 - 8.77)	0.677	478 (88.8)	58 (10.8)
1.10 (0.80 - 1.50)	0.5705	0.96 (0.69 - 1.34)	0.8094	138 (25.8)	273 (51.0)
0.74 (0.52 - 1.05)	0.091	1.91 (0.63 - 5.73)	0.25	452 (83.9)	84 (15.6)
1.00 (0.73 - 1.35)	0.9817	0.81 (0.56 - 1.18)	0.2713	166 (30.9)	274 (50.9)
1.16 (0.87 - 1.54)	0.3173	0.91 (0.53 - 1.56)	0.7337	304 (56.4)	201 (37.3)
1.04 (0.77 - 1.40)	0.813	0.98 (0.41 - 2.32)	0.9629	374 (69.5)	149 (27.7)
1.02 (0.77 - 1.35)	0.8898	0.95 (0.60 - 1.48)	0.8058	246 (45.8)	225 (41.9)
1.16 (0.87 - 1.56)	0.3131	1.27 (0.68 - 2.35)	0.4568	329 (61.5)	185 (34.6)
0.81 (0.61 - 1.07)	0.1411	0.98 (0.59 - 1.61)	0.9288	296 (55.0)	206 (38.3)
1.04 (0.76 - 1.43)	0.7913	0.99 (0.71 - 1.38)	0.9365	134 (24.9)	275 (51.1)
1.20 (0.90 - 1.59)	0.2108	0.82 (0.55 - 1.23)	0.33	176 (32.7)	287 (53.2)
1.32 (0.97 - 1.79)	0.0797	0.99 (0.42 - 2.35)	0.983	353 (65.5)	173 (32.1)
0.96 (0.72 - 1.28)	0.772	0.98 (0.63 - 1.52)	0.9204	235 (43.8)	241 (44.9)
0.79 (0.58 - 1.09)	0.1498	1.60 (0.71 - 3.58)	0.255	404 (75.1)	123 (22.9)
0.91 (0.68 - 1.22)	0.5312	0.74 (0.39 - 1.40)	0.3566	338 (62.7)	176 (32.7)
1.06 (0.64 - 1.75)	0.8243	0.42 (0.12 - 1.43)	0.165	479 (90.2)	46 (8.7)
1.00 (0.69 - 1.43)	0.9802	0.67 (0.19 - 2.43)	0.5428	438 (81.1)	93 (17.2)
0.91 (0.60 - 1.36)	0.6375	2.59 (0.76 - 8.87)	0.1286	427 (79.1)	106 (19.6)
1.28 (0.84 - 1.94)	0.2582	0.60 (0.14 - 2.52)	0.4867	466 (87.1)	67 (12.5)
0.67 (0.38 - 1.18)	0.1663	(-)	--	513 (95.2)	25 (4.6)
1.07 (0.69 - 1.68)	0.7551	0.77 (0.15 - 3.96)	0.7591	456 (84.6)	82 (15.2)
1.16 (0.88 - 1.53)	0.2876	0.74 (0.46 - 1.17)	0.1915	253 (47.2)	234 (43.7)
0.84 (0.61 - 1.14)	0.2659	1.41 (0.59 - 3.36)	0.4357	357 (66.5)	165 (30.7)
1.01 (0.75 - 1.37)	0.9529	1.14 (0.78 - 1.69)	0.4939	199 (37.2)	250 (46.7)
0.94 (0.69 - 1.28)	0.7041	1.07 (0.77 - 1.49)	0.667	153 (28.5)	269 (50.1)
1.02 (0.77 - 1.35)	0.8923	1.65 (0.99 - 2.72)	0.0524	299 (55.5)	207 (38.4)
1.05 (0.79 - 1.40)	0.7273	1.23 (0.75 - 2.03)	0.4098	265 (49.3)	234 (43.6)
1.35 (0.96 - 1.90)	0.0834	0.87 (0.35 - 2.18)	0.7659	401 (74.8)	133 (24.8)

1.20 (0.86 - 1.67)	0.2912	1.44 (0.59 - 3.52)	0.4264	399 (74.3)	129 (24.0)
0.99 (0.73 - 1.32)	0.9229	1.41 (0.87 - 2.29)	0.1642	290 (53.9)	215 (40.0)
1.17 (0.87 - 1.57)	0.2937	1.15 (0.66 - 2.02)	0.619	327 (60.7)	190 (35.3)
0.68 (0.50 - 0.91)	0.0104	1.04 (0.58 - 1.85)	0.9035	318 (59.0)	202 (37.5)
0.92 (0.69 - 1.23)	0.5813	0.94 (0.59 - 1.50)	0.8	265 (49.3)	219 (40.7)
1.28 (0.93 - 1.76)	0.1283	1.20 (0.85 - 1.71)	0.305	167 (31.2)	270 (50.5)
0.80 (0.59 - 1.08)	0.1458	1.56 (0.80 - 3.06)	0.1953	323 (59.9)	188 (34.9)
1.23 (0.90 - 1.67)	0.2021	0.88 (0.41 - 1.87)	0.7373	373 (69.1)	159 (29.4)
0.95 (0.70 - 1.29)	0.7468	1.23 (0.55 - 2.78)	0.6119	366 (68.2)	161 (30.0)
1.14 (0.85 - 1.51)	0.3775	1.40 (0.85 - 2.30)	0.1875	250 (46.6)	242 (45.1)
1.06 (0.71 - 1.59)	0.7661	0.24 (0.02 - 2.55)	0.2372	442 (82.0)	94 (17.4)
1.07 (0.80 - 1.43)	0.6382	1.38 (0.83 - 2.31)	0.2187	268 (49.6)	231 (42.8)
1.07 (0.70 - 1.62)	0.7625	0.47 (0.04 - 5.88)	0.5607	450 (84.0)	83 (15.5)
1.00 (0.72 - 1.38)	0.9781	2.41 (0.92 - 6.33)	0.0739	393 (72.9)	137 (25.4)
0.96 (0.71 - 1.31)	0.8125	1.25 (0.77 - 2.06)	0.3683	274 (50.9)	218 (40.5)
0.91 (0.65 - 1.27)	0.5675	0.93 (0.26 - 3.33)	0.9118	425 (79.6)	102 (19.1)
1.11 (0.82 - 1.50)	0.5125	1.08 (0.41 - 2.86)	0.8805	376 (69.6)	150 (27.8)
1.59 (1.09 - 2.32)	0.0172	2.47 (0.60 - 10.08)	0.2084	434 (80.8)	99 (18.4)
1.06 (0.77 - 1.46)	0.729	1.14 (0.81 - 1.60)	0.4399	122 (22.7)	279 (51.9)
0.99 (0.75 - 1.32)	0.9654	1.18 (0.78 - 1.77)	0.4421	220 (40.8)	248 (46.0)
0.97 (0.70 - 1.34)	0.8311	1.09 (0.76 - 1.57)	0.627	149 (27.6)	282 (52.2)
1.07 (0.79 - 1.45)	0.6479	1.89 (0.93 - 3.84)	0.0806	360 (66.7)	164 (30.4)
0.94 (0.71 - 1.26)	0.6931	1.17 (0.72 - 1.90)	0.5139	274 (50.8)	225 (41.7)
1.14 (0.84 - 1.53)	0.4055	1.37 (0.74 - 2.53)	0.3114	307 (57.2)	196 (36.5)
1.34 (0.98 - 1.83)	0.0647	1.54 (0.80 - 2.98)	0.1976	328 (61.3)	187 (35.0)
0.96 (0.67 - 1.36)	0.8053	0.84 (0.28 - 2.58)	0.766	414 (77.2)	109 (20.3)
0.95 (0.68 - 1.34)	0.7784	1.76 (0.77 - 3.99)	0.1775	374 (69.4)	153 (28.4)
0.78 (0.51 - 1.18)	0.2413	0.47 (0.04 - 5.84)	0.5563	467 (87.0)	67 (12.5)
1.27 (0.94 - 1.72)	0.1254	1.26 (0.66 - 2.44)	0.4849	331 (61.4)	181 (33.6)
1.05 (0.78 - 1.40)	0.7689	1.00 (0.65 - 1.56)	0.9849	255 (47.5)	222 (41.3)
0.95 (0.71 - 1.27)	0.7435	1.48 (0.80 - 2.76)	0.2123	328 (61.2)	183 (34.1)
1.04 (0.77 - 1.39)	0.8107	1.47 (0.72 - 3.02)	0.2917	368 (68.3)	154 (28.6)
0.68 (0.42 - 1.10)	0.114	0.15 (0.02 - 1.32)	0.0874	485 (90.3)	48 (8.9)
1.20 (0.91 - 1.58)	0.2065	1.25 (0.79 - 1.96)	0.3425	249 (46.3)	221 (41.1)
0.70 (0.45 - 1.09)	0.111	0.00 (0.00 -)	0.9857	490 (90.9)	44 (8.2)
1.09 (0.81 - 1.46)	0.5862	1.36 (0.79 - 2.31)	0.2639	297 (55.3)	200 (37.2)
1.07 (0.67 - 1.72)	0.7702	1.04 (0.05 - 21.23)	0.9811	469 (86.9)	70 (13.0)
0.72 (0.46 - 1.13)	0.1576	1480453 (0.00 -)	0.9813	470 (87.0)	69 (12.8)
1.03 (0.65 - 1.62)	0.9045	5.93 (0.68 - 51.84)	0.1079	451 (83.5)	86 (15.9)
1.00 (0.68 - 1.46)	0.9874	1.00 (0.14 - 7.13)	0.9964	466 (86.8)	68 (12.7)
0.71 (0.46 - 1.12)	0.1397	1.01 (0.06 - 16.16)	0.9942	476 (88.5)	61 (11.3)
1.07 (0.78 - 1.48)	0.6697	1.35 (0.42 - 4.33)	0.6186	403 (74.8)	130 (24.1)
1.32 (0.92 - 1.89)	0.1315	3.65 (1.00 - 13.38)	0.0503	430 (80.1)	106 (19.7)
1.23 (0.85 - 1.79)	0.2735	0.49 (0.12 - 2.02)	0.3243	418 (77.4)	119 (22.0)
1.24 (0.91 - 1.71)	0.1791	0.73 (0.33 - 1.61)	0.4374	380 (70.5)	154 (28.6)
1.05 (0.75 - 1.47)	0.7712	2.67 (0.72 - 9.93)	0.1441	414 (76.8)	118 (21.9)
1.29 (0.87 - 1.90)	0.2071	1.00 (0.25 - 3.99)	0.9977	438 (81.3)	94 (17.4)
0.97 (0.72 - 1.30)	0.8401	1.04 (0.73 - 1.48)	0.833	152 (28.3)	259 (48.1)
1.12 (0.77 - 1.62)	0.5668	1.16 (0.31 - 4.39)	0.8224	438 (81.3)	99 (18.4)
1.07 (0.79 - 1.44)	0.6665	0.90 (0.64 - 1.26)	0.5401	183 (34.0)	270 (50.2)
1.16 (0.77 - 1.75)	0.4862	1.78 (0.29 - 10.97)	0.5364	472 (87.4)	66 (12.2)
1.03 (0.74 - 1.42)	0.8724	1.40 (0.56 - 3.51)	0.4729	387 (72.6)	135 (25.3)
1.03 (0.76 - 1.40)	0.8392	0.91 (0.65 - 1.27)	0.5703	186 (35.0)	262 (49.3)

1.07 (0.73 - 1.59)	0.7173	0.22 (0.03 - 1.89)	0.1667	439 (81.4)	92 (17.1)
1.03 (0.77 - 1.37)	0.8427	1.10 (0.77 - 1.56)	0.5959	161 (29.9)	278 (51.7)
1.08 (0.81 - 1.44)	0.6159	0.76 (0.44 - 1.32)	0.337	302 (56.1)	190 (35.3)
0.97 (0.72 - 1.31)	0.8483	0.80 (0.53 - 1.20)	0.2746	212 (39.5)	228 (42.5)
0.97 (0.69 - 1.36)	0.8601	0.88 (0.65 - 1.20)	0.4128	147 (27.3)	265 (49.3)
1.07 (0.81 - 1.42)	0.639	0.82 (0.53 - 1.29)	0.3984	250 (46.4)	222 (41.2)
1.21 (0.82 - 1.77)	0.3391	0.87 (0.23 - 3.29)	0.8411	435 (80.7)	97 (18.0)
1.14 (0.71 - 1.85)	0.5878	531357.7 (0.00 -)	0.9857	471 (88.0)	64 (12.0)
1.04 (0.69 - 1.57)	0.8585	1.30 (0.21 - 7.97)	0.7757	449 (84.1)	84 (15.7)
1.07 (0.68 - 1.69)	0.7771	0.82 (0.11 - 6.04)	0.8469	474 (88.1)	64 (11.9)
1.04 (0.78 - 1.38)	0.789	0.77 (0.46 - 1.27)	0.301	289 (53.6)	196 (36.4)
0.80 (0.59 - 1.08)	0.1442	1.07 (0.61 - 1.87)	0.813	282 (52.4)	226 (42.0)
0.95 (0.60 - 1.50)	0.8206	0.65 (0.11 - 3.92)	0.6412	466 (86.5)	72 (13.4)
0.83 (0.62 - 1.11)	0.2089	1.24 (0.69 - 2.25)	0.4708	325 (60.2)	188 (34.8)
0.85 (0.48 - 1.49)	0.568	1.07 (0.07 - 17.31)	0.9599	500 (93.1)	36 (6.7)
0.97 (0.73 - 1.30)	0.8485	0.98 (0.66 - 1.45)	0.9189	218 (40.4)	255 (47.3)
1.24 (0.83 - 1.86)	0.3017	3.38 (0.33 - 34.52)	0.3051	450 (83.3)	85 (15.7)
1.18 (0.80 - 1.75)	0.4114	0.54 (0.13 - 2.16)	0.3799	432 (80.3)	103 (19.1)
0.80 (0.57 - 1.12)	0.1922	1.33 (0.91 - 1.94)	0.1414	149 (27.7)	264 (49.1)
1.64 (1.16 - 2.32)	0.0048	1.91 (0.77 - 4.69)	0.1605	368 (68.4)	155 (28.8)
1.67 (1.21 - 2.32)	0.0019	1.02 (0.48 - 2.18)	0.9535	319 (60.1)	187 (35.2)
1.53 (1.11 - 2.12)	0.0102	1.67 (0.86 - 3.23)	0.1306	310 (57.5)	193 (35.8)
1.02 (0.75 - 1.38)	0.9141	0.83 (0.49 - 1.42)	0.5023	279 (51.8)	217 (40.3)
0.87 (0.66 - 1.16)	0.3515	1.19 (0.68 - 2.08)	0.5518	299 (55.5)	196 (36.4)
0.96 (0.72 - 1.29)	0.806	1.22 (0.79 - 1.88)	0.3638	206 (38.3)	260 (48.3)
0.95 (0.55 - 1.63)	0.8539	4.38 (0.46 - 41.35)	0.1976	488 (90.4)	52 (9.6)
1.35 (0.97 - 1.87)	0.0732	1.07 (0.73 - 1.58)	0.7258	185 (34.3)	276 (51.1)
0.91 (0.68 - 1.21)	0.5151	1.02 (0.61 - 1.70)	0.9545	293 (54.5)	198 (36.8)
0.98 (0.72 - 1.32)	0.8827	0.59 (0.30 - 1.14)	0.1159	326 (60.7)	187 (34.8)
1.70 (1.20 - 2.41)	0.0031	1.67 (0.67 - 4.20)	0.2741	367 (68.5)	152 (28.4)
1.37 (1.01 - 1.86)	0.0457	0.83 (0.42 - 1.61)	0.5722	318 (59.0)	196 (36.4)
1.65 (1.20 - 2.27)	0.0022	2.01 (0.91 - 4.43)	0.0838	330 (61.7)	181 (33.8)
1.93 (1.33 - 2.79)	0.0005	1.66 (0.56 - 4.92)	0.3637	386 (72.1)	134 (25.0)
1.77 (1.24 - 2.54)	0.0019	1.79 (0.67 - 4.78)	0.2459	371 (69.0)	148 (27.5)
1.19 (0.69 - 2.06)	0.528	(-)	--	494 (91.8)	42 (7.8)
0.79 (0.52 - 1.20)	0.264	0.65 (0.06 - 7.54)	0.7305	466 (86.5)	69 (12.8)

Age>Q2 Genotype n(%) 2/2 Cases	Age>Q2 Genotype n(%) 1/1 Controls	Age>Q2 Genotype n(%) 1/2 Controls	Age>Q2 Genotype n(%) 2/2 Controls	PD susceptibility: Age>Q2 Trend Model OR (95%CI)	PD susceptibility: Age>Q2 Trend P-value
69 (13.4)	204 (39.7)	244 (47.5)	66 (12.8)	1.02 (0.82 - 1.27)	0.834
96 (17.9)	171 (32.0)	262 (49.0)	102 (19.1)	0.90 (0.74 - 1.10)	0.3062
6 (1.1)	436 (80.9)	96 (17.8)	7 (1.3)	0.84 (0.60 - 1.18)	0.3238
0 (0.0)	494 (92.7)	38 (7.1)	1 (0.2)	1.60 (0.93 - 2.76)	0.0912
117 (21.8)	139 (25.9)	275 (51.3)	122 (22.8)	0.91 (0.74 - 1.11)	0.3522
92 (17.1)	182 (33.8)	264 (49.0)	93 (17.3)	1.05 (0.86 - 1.28)	0.6545
103 (19.1)	156 (28.9)	275 (51.0)	108 (20.0)	1.04 (0.85 - 1.27)	0.7049
10 (1.9)	415 (77.7)	113 (21.2)	6 (1.1)	1.10 (0.82 - 1.47)	0.543
90 (16.7)	176 (32.7)	274 (50.9)	88 (16.4)	0.90 (0.73 - 1.10)	0.2912
104 (19.3)	156 (29.0)	275 (51.1)	107 (19.9)	1.05 (0.86 - 1.28)	0.6283
2 (0.4)	487 (90.7)	50 (9.3)	0 (0.0)	1.06 (0.66 - 1.68)	0.8173
6 (1.1)	422 (78.4)	103 (19.1)	13 (2.4)	1.26 (0.93 - 1.73)	0.1385
2 (0.4)	428 (80.0)	104 (19.4)	3 (0.6)	1.15 (0.80 - 1.65)	0.4489
28 (5.2)	304 (56.6)	205 (38.2)	28 (5.2)	1.03 (0.82 - 1.30)	0.7994
4 (0.7)	464 (86.1)	73 (13.5)	2 (0.4)	1.14 (0.76 - 1.70)	0.5314
8 (1.5)	423 (78.6)	109 (20.3)	6 (1.1)	1.15 (0.85 - 1.56)	0.3755
23 (4.3)	378 (70.3)	147 (27.3)	13 (2.4)	1.08 (0.83 - 1.40)	0.5669
44 (8.2)	285 (53.1)	221 (41.2)	31 (5.8)	1.08 (0.86 - 1.36)	0.4876
20 (3.7)	371 (68.8)	154 (28.6)	14 (2.6)	1.12 (0.88 - 1.45)	0.3587
132 (24.4)	150 (27.8)	278 (51.5)	112 (20.7)	1.15 (0.95 - 1.40)	0.1573
2 (0.4)	478 (88.8)	60 (11.2)	0 (0.0)	1.07 (0.69 - 1.65)	0.7669
124 (23.2)	140 (26.2)	264 (49.3)	131 (24.5)	0.93 (0.76 - 1.13)	0.4744
3 (0.6)	427 (79.2)	106 (19.7)	6 (1.1)	0.66 (0.47 - 0.92)	0.0156
98 (18.2)	160 (29.7)	277 (51.5)	101 (18.8)	0.91 (0.74 - 1.12)	0.3709
34 (6.3)	300 (55.7)	204 (37.8)	35 (6.5)	1.01 (0.81 - 1.27)	0.904
15 (2.8)	391 (72.7)	133 (24.7)	14 (2.6)	1.17 (0.90 - 1.53)	0.24
66 (12.3)	242 (45.1)	242 (45.1)	53 (9.9)	1.05 (0.85 - 1.30)	0.6496
21 (3.9)	330 (61.7)	185 (34.6)	20 (3.7)	0.98 (0.76 - 1.26)	0.8825
36 (6.7)	287 (53.3)	214 (39.8)	37 (6.9)	0.90 (0.72 - 1.14)	0.381
129 (24.0)	133 (24.7)	273 (50.7)	132 (24.5)	0.93 (0.76 - 1.14)	0.5111
76 (14.1)	205 (38.0)	252 (46.8)	82 (15.2)	1.11 (0.90 - 1.38)	0.3194
13 (2.4)	346 (64.2)	180 (33.4)	13 (2.4)	0.91 (0.69 - 1.19)	0.4824
61 (11.4)	215 (40.0)	258 (48.0)	64 (11.9)	0.85 (0.69 - 1.05)	0.1297
11 (2.0)	383 (71.2)	140 (26.0)	15 (2.8)	0.75 (0.57 - 1.00)	0.0485
25 (4.6)	332 (61.6)	191 (35.4)	16 (3.0)	1.01 (0.79 - 1.30)	0.9176
6 (1.1)	480 (90.4)	45 (8.5)	6 (1.1)	1.00 (0.67 - 1.49)	0.9878
9 (1.7)	446 (82.6)	91 (16.9)	3 (0.6)	1.19 (0.85 - 1.66)	0.3082
7 (1.3)	451 (83.5)	82 (15.2)	7 (1.3)	1.43 (1.01 - 2.02)	0.0442
2 (0.4)	456 (85.2)	72 (13.5)	7 (1.3)	0.74 (0.50 - 1.10)	0.1358
1 (0.2)	511 (94.8)	27 (5.0)	1 (0.2)	0.91 (0.50 - 1.65)	0.7584
1 (0.2)	452 (83.9)	85 (15.8)	2 (0.4)	0.93 (0.65 - 1.34)	0.7087
49 (9.1)	252 (47.0)	226 (42.2)	58 (10.8)	0.94 (0.76 - 1.17)	0.6085
15 (2.8)	345 (64.2)	173 (32.2)	19 (3.5)	0.91 (0.71 - 1.16)	0.4429
86 (16.1)	171 (32.0)	267 (49.9)	97 (18.1)	0.81 (0.65 - 1.00)	0.045
115 (21.4)	167 (31.1)	258 (48.0)	112 (20.9)	1.12 (0.92 - 1.37)	0.2579
33 (6.1)	301 (55.8)	204 (37.8)	34 (6.3)	0.99 (0.78 - 1.27)	0.9522
38 (7.1)	268 (49.9)	220 (41.0)	49 (9.1)	0.98 (0.78 - 1.23)	0.8618
2 (0.4)	408 (76.1)	118 (22.0)	10 (1.9)	1.05 (0.78 - 1.42)	0.7401

9 (1.7)	407 (75.8)	117 (21.8)	13 (2.4)	1.06 (0.80 - 1.39)	0.7007
33 (6.1)	286 (53.2)	205 (38.1)	47 (8.7)	0.89 (0.71 - 1.11)	0.304
22 (4.1)	325 (60.3)	189 (35.1)	25 (4.6)	1.02 (0.79 - 1.31)	0.8969
19 (3.5)	319 (59.2)	193 (35.8)	27 (5.0)	0.88 (0.69 - 1.12)	0.3105
54 (10.0)	272 (50.6)	212 (39.4)	54 (10.0)	1.02 (0.82 - 1.26)	0.8879
98 (18.3)	171 (32.0)	270 (50.5)	94 (17.6)	1.05 (0.85 - 1.29)	0.6695
28 (5.2)	314 (58.3)	197 (36.5)	28 (5.2)	0.92 (0.72 - 1.18)	0.5326
8 (1.5)	365 (67.6)	151 (28.0)	24 (4.4)	0.82 (0.62 - 1.08)	0.1511
10 (1.9)	374 (69.6)	147 (27.4)	16 (3.0)	1.05 (0.80 - 1.37)	0.7286
44 (8.2)	238 (44.4)	242 (45.1)	56 (10.4)	0.88 (0.70 - 1.10)	0.2631
3 (0.6)	425 (78.8)	114 (21.2)	0 (0.0)	0.77 (0.53 - 1.10)	0.1456
41 (7.6)	267 (49.4)	224 (41.5)	49 (9.1)	0.98 (0.78 - 1.22)	0.8355
3 (0.6)	436 (81.3)	100 (18.7)	0 (0.0)	0.78 (0.54 - 1.14)	0.2019
9 (1.7)	396 (73.5)	130 (24.1)	13 (2.4)	1.02 (0.77 - 1.35)	0.9046
46 (8.6)	254 (47.2)	223 (41.4)	61 (11.3)	0.81 (0.65 - 1.01)	0.0587
7 (1.3)	408 (76.4)	119 (22.3)	7 (1.3)	0.84 (0.62 - 1.14)	0.2598
14 (2.6)	354 (65.6)	169 (31.3)	17 (3.1)	0.77 (0.59 - 1.01)	0.0562
4 (0.7)	449 (83.6)	80 (14.9)	8 (1.5)	1.23 (0.87 - 1.73)	0.2429
137 (25.5)	153 (28.4)	243 (45.2)	142 (26.4)	1.16 (0.95 - 1.43)	0.1506
71 (13.2)	236 (43.8)	235 (43.6)	68 (12.6)	1.11 (0.90 - 1.38)	0.3287
109 (20.2)	163 (30.2)	249 (46.1)	128 (23.7)	0.99 (0.81 - 1.21)	0.9311
16 (3.0)	353 (65.4)	162 (30.0)	25 (4.6)	0.90 (0.70 - 1.15)	0.3824
40 (7.4)	267 (49.5)	215 (39.9)	57 (10.6)	0.88 (0.71 - 1.09)	0.2316
34 (6.3)	289 (53.8)	207 (38.5)	41 (7.6)	0.85 (0.67 - 1.07)	0.1689
20 (3.7)	323 (60.4)	187 (35.0)	25 (4.7)	0.91 (0.70 - 1.19)	0.4953
13 (2.4)	393 (73.3)	131 (24.4)	12 (2.2)	0.77 (0.57 - 1.05)	0.0962
12 (2.2)	400 (74.2)	125 (23.2)	14 (2.6)	1.32 (0.98 - 1.79)	0.0657
3 (0.6)	456 (84.9)	76 (14.2)	5 (0.9)	0.78 (0.53 - 1.15)	0.2057
27 (5.0)	317 (58.8)	186 (34.5)	36 (6.7)	0.86 (0.68 - 1.09)	0.2094
60 (11.2)	238 (44.3)	219 (40.8)	80 (14.9)	0.83 (0.67 - 1.02)	0.082
25 (4.7)	320 (59.7)	189 (35.3)	27 (5.0)	0.92 (0.72 - 1.18)	0.5097
17 (3.2)	352 (65.3)	165 (30.6)	22 (4.1)	0.83 (0.64 - 1.08)	0.1665
4 (0.7)	477 (88.8)	56 (10.4)	4 (0.7)	0.85 (0.56 - 1.30)	0.4588
68 (12.6)	224 (41.6)	249 (46.3)	65 (12.1)	0.88 (0.72 - 1.09)	0.2468
5 (0.9)	491 (91.1)	46 (8.5)	2 (0.4)	1.11 (0.73 - 1.70)	0.6277
40 (7.4)	293 (54.6)	200 (37.2)	44 (8.2)	0.94 (0.74 - 1.20)	0.6168
1 (0.2)	462 (85.6)	78 (14.4)	0 (0.0)	0.87 (0.58 - 1.31)	0.5038
1 (0.2)	489 (90.6)	49 (9.1)	2 (0.4)	1.63 (1.05 - 2.53)	0.0298
3 (0.6)	473 (87.6)	64 (11.9)	3 (0.6)	1.56 (1.02 - 2.40)	0.0413
3 (0.6)	460 (85.7)	71 (13.2)	6 (1.1)	0.84 (0.57 - 1.23)	0.3666
1 (0.2)	468 (87.0)	67 (12.5)	3 (0.6)	0.79 (0.52 - 1.21)	0.2826
6 (1.1)	390 (72.4)	139 (25.8)	10 (1.9)	0.84 (0.63 - 1.12)	0.2439
1 (0.2)	442 (82.3)	87 (16.2)	8 (1.5)	1.11 (0.80 - 1.54)	0.5456
3 (0.6)	417 (77.2)	113 (20.9)	10 (1.9)	0.91 (0.67 - 1.25)	0.574
5 (0.9)	392 (72.7)	133 (24.7)	14 (2.6)	1.09 (0.83 - 1.45)	0.5289
7 (1.3)	412 (76.4)	113 (21.0)	14 (2.6)	0.91 (0.68 - 1.22)	0.5409
7 (1.3)	458 (85.0)	76 (14.1)	5 (0.9)	1.40 (0.99 - 1.98)	0.0543
127 (23.6)	155 (28.8)	266 (49.4)	117 (21.7)	1.07 (0.88 - 1.31)	0.4773
2 (0.4)	440 (81.6)	93 (17.3)	6 (1.1)	0.92 (0.65 - 1.31)	0.6515
85 (15.8)	181 (33.6)	267 (49.6)	90 (16.7)	0.97 (0.79 - 1.19)	0.787
2 (0.4)	465 (86.1)	69 (12.8)	6 (1.1)	0.83 (0.57 - 1.20)	0.3243
11 (2.1)	404 (75.8)	119 (22.3)	10 (1.9)	1.19 (0.89 - 1.60)	0.2354
83 (15.6)	184 (34.7)	261 (49.2)	86 (16.2)	0.98 (0.80 - 1.21)	0.8854

8 (1.5)	444 (82.4)	90 (16.7)	5 (0.9)	1.18 (0.84 - 1.65)	0.3437
99 (18.4)	166 (30.9)	263 (48.9)	109 (20.3)	0.96 (0.79 - 1.17)	0.6961
46 (8.6)	276 (51.3)	215 (40.0)	47 (8.7)	0.85 (0.69 - 1.05)	0.1357
97 (18.1)	192 (35.8)	256 (47.7)	89 (16.6)	0.95 (0.78 - 1.15)	0.5843
126 (23.4)	151 (28.1)	261 (48.5)	126 (23.4)	1.01 (0.83 - 1.23)	0.9035
67 (12.4)	226 (41.9)	245 (45.5)	68 (12.6)	0.87 (0.72 - 1.07)	0.1831
7 (1.3)	456 (84.6)	78 (14.5)	5 (0.9)	1.41 (1.00 - 1.99)	0.051
0 (0.0)	468 (87.5)	64 (12.0)	3 (0.6)	0.85 (0.56 - 1.31)	0.4683
1 (0.2)	454 (85.0)	77 (14.4)	3 (0.6)	1.04 (0.71 - 1.52)	0.857
0 (0.0)	476 (88.5)	60 (11.2)	2 (0.4)	0.97 (0.62 - 1.50)	0.8794
54 (10.0)	258 (47.9)	225 (41.7)	56 (10.4)	0.84 (0.68 - 1.03)	0.0915
30 (5.6)	278 (51.7)	230 (42.8)	30 (5.6)	0.96 (0.77 - 1.21)	0.7559
1 (0.2)	474 (87.9)	62 (11.5)	3 (0.6)	1.16 (0.78 - 1.70)	0.4639
27 (5.0)	326 (60.4)	181 (33.5)	33 (6.1)	0.99 (0.78 - 1.24)	0.9004
1 (0.2)	490 (91.2)	46 (8.6)	1 (0.2)	0.70 (0.43 - 1.15)	0.1549
66 (12.2)	224 (41.6)	247 (45.8)	68 (12.6)	1.03 (0.84 - 1.26)	0.7755
5 (0.9)	445 (82.4)	94 (17.4)	1 (0.2)	0.98 (0.68 - 1.41)	0.9265
3 (0.6)	433 (80.5)	100 (18.6)	5 (0.9)	1.02 (0.74 - 1.40)	0.9178
125 (23.2)	149 (27.7)	269 (50.0)	120 (22.3)	1.02 (0.84 - 1.24)	0.833
15 (2.8)	400 (74.3)	121 (22.5)	17 (3.2)	1.24 (0.94 - 1.63)	0.1303
25 (4.7)	353 (66.5)	157 (29.6)	21 (4.0)	1.27 (0.98 - 1.63)	0.0693
36 (6.7)	339 (62.9)	168 (31.2)	32 (5.9)	1.23 (0.96 - 1.57)	0.095
43 (8.0)	262 (48.6)	237 (44.0)	40 (7.4)	0.91 (0.73 - 1.14)	0.4223
44 (8.2)	299 (55.5)	202 (37.5)	38 (7.1)	1.06 (0.85 - 1.32)	0.6259
72 (13.4)	211 (39.2)	260 (48.3)	67 (12.5)	1.05 (0.86 - 1.29)	0.6
0 (0.0)	491 (90.9)	48 (8.9)	1 (0.2)	1.01 (0.63 - 1.61)	0.9813
79 (14.6)	201 (37.2)	255 (47.2)	84 (15.6)	1.04 (0.84 - 1.28)	0.7413
47 (8.7)	279 (51.9)	213 (39.6)	46 (8.6)	0.91 (0.73 - 1.14)	0.4129
24 (4.5)	325 (60.5)	192 (35.8)	20 (3.7)	1.03 (0.81 - 1.31)	0.8088
17 (3.2)	399 (74.4)	121 (22.6)	16 (3.0)	1.29 (0.98 - 1.71)	0.0735
25 (4.6)	352 (65.3)	155 (28.8)	32 (5.9)	1.13 (0.89 - 1.44)	0.3135
24 (4.5)	359 (67.1)	152 (28.4)	24 (4.5)	1.20 (0.93 - 1.54)	0.1548
15 (2.8)	417 (77.9)	105 (19.6)	13 (2.4)	1.31 (0.98 - 1.76)	0.0709
19 (3.5)	410 (76.2)	112 (20.8)	16 (3.0)	1.40 (1.05 - 1.86)	0.02
2 (0.4)	491 (91.3)	46 (8.6)	1 (0.2)	0.96 (0.59 - 1.56)	0.8717
4 (0.7)	464 (86.1)	67 (12.4)	8 (1.5)	0.88 (0.60 - 1.29)	0.5096

PD susceptibility: Age>Q2 Dominant Model OR (95%CI)	PD susceptibility: Age>Q2 Dominant P-value	PD susceptibility: Age>Q2 Recessive Model OR (95%CI)	PD susceptibility: Age>Q2 Recessive P-value	AAO_All Genotype n(%) 1/1 Cases	AAO_All Genotype n(%) 1/2 Cases
1.02 (0.77 - 1.37)	0.8698	1.03 (0.69 - 1.55)	0.8689	418 (38.8)	497 (46.2)
0.89 (0.67 - 1.19)	0.4331	0.86 (0.60 - 1.22)	0.3894	365 (33.5)	520 (47.8)
0.81 (0.55 - 1.18)	0.2671	1.02 (0.34 - 3.09)	0.9759	906 (83.1)	176 (16.1)
1.71 (0.98 - 3.00)	0.0606	0.00 (0.00 -)	0.9857	993 (91.4)	93 (8.6)
0.89 (0.65 - 1.21)	0.4439	0.89 (0.63 - 1.25)	0.4886	294 (27.0)	549 (50.4)
1.06 (0.78 - 1.43)	0.7143	1.06 (0.76 - 1.49)	0.7227	379 (34.7)	532 (48.8)
1.10 (0.80 - 1.51)	0.5493	1.00 (0.72 - 1.38)	0.9972	322 (29.5)	553 (50.7)
1.05 (0.76 - 1.45)	0.7774	2.06 (0.67 - 6.31)	0.2076	827 (76.1)	240 (22.1)
0.80 (0.60 - 1.07)	0.1274	1.00 (0.70 - 1.44)	0.9918	383 (35.2)	517 (47.5)
1.10 (0.80 - 1.51)	0.5491	1.03 (0.74 - 1.42)	0.8673	322 (29.5)	552 (50.6)
1.01 (0.63 - 1.64)	0.954	908044.9 (0.00 -)	0.9869	978 (89.7)	107 (9.8)
1.45 (1.03 - 2.04)	0.0336	0.46 (0.16 - 1.33)	0.1492	823 (75.6)	254 (23.3)
1.20 (0.82 - 1.75)	0.3434	0.47 (0.07 - 3.05)	0.4265	870 (79.9)	215 (19.7)
1.05 (0.80 - 1.38)	0.7219	0.96 (0.50 - 1.83)	0.8919	610 (56.2)	413 (38.0)
1.10 (0.72 - 1.69)	0.6565	3.01 (0.31 -	0.3406	916 (84.1)	163 (15.0)
1.12 (0.81 - 1.56)	0.4948	1.82 (0.55 - 6.00)	0.3267	830 (76.1)	242 (22.2)
0.98 (0.72 - 1.34)	0.908	1.95 (0.93 - 4.08)	0.075	744 (68.4)	303 (27.8)
1.01 (0.76 - 1.33)	0.9664	1.59 (0.90 - 2.82)	0.1126	583 (53.5)	424 (38.9)
1.08 (0.81 - 1.44)	0.5838	1.74 (0.78 - 3.90)	0.176	714 (65.6)	335 (30.8)
1.10 (0.81 - 1.50)	0.5388	1.30 (0.95 - 1.78)	0.0995	294 (26.9)	535 (49.0)
1.02 (0.66 - 1.60)	0.9144	1145681 (0.00 -)	0.987	960 (88.2)	125 (11.5)
0.97 (0.72 - 1.32)	0.8549	0.85 (0.61 - 1.18)	0.319	274 (25.3)	544 (50.1)
0.64 (0.45 - 0.93)	0.0173	0.53 (0.13 - 2.14)	0.3682	907 (83.2)	170 (15.6)
0.87 (0.65 - 1.17)	0.3603	0.92 (0.64 - 1.33)	0.6612	348 (31.9)	541 (49.6)
1.01 (0.76 - 1.34)	0.9264	1.03 (0.61 - 1.75)	0.9134	621 (57.1)	407 (37.4)
1.20 (0.89 - 1.62)	0.2248	1.14 (0.48 - 2.73)	0.7669	746 (68.5)	315 (28.9)
0.95 (0.72 - 1.26)	0.7331	1.37 (0.89 - 2.12)	0.1524	495 (45.5)	471 (43.3)
0.98 (0.73 - 1.30)	0.8748	0.99 (0.48 - 2.03)	0.977	674 (61.8)	364 (33.4)
0.87 (0.66 - 1.14)	0.3026	0.99 (0.56 - 1.75)	0.9771	607 (55.6)	403 (36.9)
0.92 (0.67 - 1.26)	0.5964	0.92 (0.66 - 1.28)	0.6098	276 (25.3)	546 (50.1)
1.31 (0.98 - 1.74)	0.0637	0.84 (0.55 - 1.29)	0.4215	372 (34.1)	552 (50.6)
0.90 (0.67 - 1.21)	0.4931	0.90 (0.38 - 2.10)	0.8024	720 (66.1)	344 (31.6)
0.80 (0.61 - 1.05)	0.106	0.87 (0.57 - 1.34)	0.5342	484 (44.4)	482 (44.3)
0.75 (0.54 - 1.03)	0.073	0.55 (0.22 - 1.39)	0.2045	802 (73.8)	256 (23.6)
0.93 (0.70 - 1.25)	0.6454	1.77 (0.82 - 3.83)	0.1473	689 (63.3)	349 (32.0)
1.01 (0.63 - 1.64)	0.9566	0.90 (0.27 - 2.93)	0.8579	963 (89.6)	96 (8.9)
1.10 (0.77 - 1.57)	0.593	4.49 (0.92 -	0.0632	884 (81.0)	191 (17.5)
1.56 (1.07 - 2.27)	0.022	0.84 (0.26 - 2.64)	0.7612	893 (81.9)	182 (16.7)
0.78 (0.51 - 1.20)	0.265	0.28 (0.06 - 1.41)	0.1225	941 (86.6)	139 (12.8)
0.91 (0.48 - 1.72)	0.7627	0.84 (0.05 -	0.8991	1031 (94.5)	59 (5.4)
0.95 (0.66 - 1.37)	0.7822	0.45 (0.04 - 5.00)	0.5165	928 (85.1)	158 (14.5)
1.00 (0.75 - 1.34)	0.9974	0.80 (0.52 - 1.23)	0.3088	514 (47.2)	475 (43.6)
0.92 (0.69 - 1.22)	0.5482	0.76 (0.36 - 1.59)	0.4615	729 (66.9)	322 (29.6)
0.76 (0.57 - 1.01)	0.0595	0.79 (0.54 - 1.16)	0.2306	390 (35.8)	519 (47.6)
1.21 (0.89 - 1.66)	0.2229	1.10 (0.79 - 1.54)	0.5567	322 (29.6)	524 (48.1)
1.00 (0.75 - 1.35)	0.9775	0.95 (0.56 - 1.62)	0.8563	574 (52.6)	435 (39.9)
1.09 (0.82 - 1.46)	0.535	0.68 (0.40 - 1.13)	0.1378	532 (48.9)	467 (42.9)
1.18 (0.85 - 1.63)	0.3173	0.19 (0.04 - 0.90)	0.0365	805 (73.9)	271 (24.9)

1.12 (0.82 - 1.55)	0.4733	0.68 (0.26 - 1.76)	0.4218	796 (73.0)	270 (24.8)
0.96 (0.73 - 1.27)	0.797	0.60 (0.35 - 1.01)	0.0566	543 (49.9)	451 (41.5)
1.04 (0.78 - 1.39)	0.7702	0.89 (0.46 - 1.74)	0.7407	651 (59.7)	379 (34.8)
0.92 (0.69 - 1.22)	0.5412	0.64 (0.33 - 1.25)	0.1897	654 (59.9)	384 (35.2)
1.03 (0.79 - 1.36)	0.8126	0.98 (0.62 - 1.54)	0.925	540 (49.5)	438 (40.1)
1.05 (0.77 - 1.42)	0.7783	1.07 (0.76 - 1.52)	0.6931	331 (30.4)	549 (50.4)
0.88 (0.65 - 1.18)	0.3845	1.09 (0.59 - 2.02)	0.7856	660 (60.6)	370 (33.9)
0.94 (0.69 - 1.29)	0.706	0.25 (0.10 - 0.63)	0.0034	718 (65.8)	346 (31.7)
1.15 (0.85 - 1.56)	0.3584	0.55 (0.23 - 1.28)	0.1652	748 (68.7)	314 (28.8)
0.93 (0.70 - 1.23)	0.6019	0.70 (0.43 - 1.13)	0.1407	489 (44.9)	498 (45.7)
0.73 (0.51 - 1.05)	0.0915	983057.8 (0.00 -)	0.9841	898 (82.5)	186 (17.1)
1.05 (0.79 - 1.38)	0.7513	0.76 (0.46 - 1.27)	0.3003	536 (49.2)	462 (42.4)
0.75 (0.51 - 1.09)	0.1296	980946.8 (0.00 -)	0.9841	914 (83.9)	171 (15.7)
1.09 (0.79 - 1.50)	0.6025	0.64 (0.26 - 1.53)	0.3113	787 (72.3)	274 (25.2)
0.83 (0.63 - 1.09)	0.183	0.63 (0.38 - 1.03)	0.0657	530 (48.6)	461 (42.3)
0.81 (0.57 - 1.14)	0.217	0.96 (0.33 - 2.82)	0.9414	848 (78.0)	227 (20.9)
0.74 (0.55 - 1.01)	0.058	0.74 (0.33 - 1.67)	0.4706	730 (67.0)	332 (30.5)
1.34 (0.92 - 1.96)	0.1263	0.54 (0.14 - 2.15)	0.3854	864 (79.6)	208 (19.2)
1.57 (1.13 - 2.17)	0.0067	0.92 (0.67 - 1.27)	0.6211	280 (25.7)	541 (49.6)
1.17 (0.88 - 1.55)	0.2855	1.07 (0.71 - 1.63)	0.7361	468 (43.0)	477 (43.8)
1.21 (0.88 - 1.66)	0.2461	0.80 (0.58 - 1.11)	0.1846	314 (28.8)	549 (50.4)
0.95 (0.71 - 1.28)	0.7368	0.56 (0.28 - 1.13)	0.1051	704 (64.5)	342 (31.3)
0.94 (0.71 - 1.25)	0.6775	0.62 (0.38 - 1.01)	0.0563	527 (48.3)	470 (43.1)
0.85 (0.64 - 1.13)	0.2654	0.74 (0.43 - 1.28)	0.2795	590 (54.3)	427 (39.3)
0.95 (0.70 - 1.28)	0.7195	0.70 (0.35 - 1.43)	0.3343	649 (59.6)	389 (35.7)
0.71 (0.51 - 1.01)	0.0544	1.03 (0.41 - 2.60)	0.9443	821 (75.4)	245 (22.5)
1.46 (1.05 - 2.03)	0.0259	0.77 (0.31 - 1.90)	0.5733	776 (71.1)	286 (26.2)
0.77 (0.50 - 1.18)	0.2365	0.56 (0.13 - 2.46)	0.4471	922 (84.9)	160 (14.7)
0.89 (0.67 - 1.18)	0.4023	0.65 (0.35 - 1.20)	0.1653	633 (58.1)	400 (36.7)
0.84 (0.63 - 1.11)	0.2207	0.70 (0.46 - 1.07)	0.0994	500 (45.9)	467 (42.9)
0.91 (0.68 - 1.21)	0.5046	0.93 (0.49 - 1.76)	0.8275	639 (58.8)	389 (35.8)
0.83 (0.62 - 1.12)	0.2177	0.72 (0.35 - 1.50)	0.3839	713 (65.4)	334 (30.6)
0.82 (0.51 - 1.32)	0.4097	0.98 (0.20 - 4.86)	0.9801	980 (90.0)	103 (9.5)
0.78 (0.60 - 1.03)	0.083	1.07 (0.70 - 1.64)	0.7466	484 (44.4)	478 (43.9)
1.06 (0.65 - 1.72)	0.8159	2.23 (0.43 -	0.3394	991 (90.9)	94 (8.6)
0.97 (0.72 - 1.30)	0.832	0.82 (0.48 - 1.40)	0.464	580 (53.4)	418 (38.5)
0.86 (0.57 - 1.29)	0.4583	277664.0 (0.00 -)	0.9864	954 (87.5)	134 (12.3)
1.77 (1.11 - 2.81)	0.0161	0.51 (0.05 - 5.66)	0.5858	970 (89.1)	114 (10.5)
1.73 (1.09 - 2.74)	0.0208	0.73 (0.14 - 3.70)	0.6997	943 (86.4)	140 (12.8)
0.85 (0.56 - 1.29)	0.4465	0.49 (0.09 - 2.62)	0.4017	922 (84.6)	162 (14.9)
0.80 (0.51 - 1.26)	0.341	0.37 (0.04 - 3.56)	0.3884	968 (88.9)	119 (10.9)
0.85 (0.62 - 1.17)	0.3229	0.57 (0.18 - 1.80)	0.3393	798 (73.2)	276 (25.3)
1.26 (0.88 - 1.80)	0.2128	0.14 (0.02 - 1.10)	0.0611	853 (78.3)	221 (20.3)
1.00 (0.71 - 1.41)	0.9915	0.20 (0.04 - 0.96)	0.0444	834 (76.4)	248 (22.7)
1.24 (0.91 - 1.69)	0.1736	0.31 (0.10 - 0.96)	0.0431	767 (70.4)	304 (27.9)
0.98 (0.71 - 1.36)	0.9082	0.40 (0.13 - 1.17)	0.094	816 (74.8)	256 (23.5)
1.43 (0.98 - 2.07)	0.0625	1.65 (0.46 - 5.91)	0.4424	902 (82.7)	178 (16.3)
1.04 (0.77 - 1.40)	0.8134	1.17 (0.84 - 1.64)	0.3461	324 (29.8)	534 (49.1)
0.99 (0.69 - 1.42)	0.9552	0.17 (0.02 - 1.46)	0.1058	875 (80.2)	208 (19.1)
1.01 (0.74 - 1.36)	0.9587	0.91 (0.64 - 1.29)	0.6035	360 (33.0)	541 (49.6)
0.88 (0.59 - 1.31)	0.5231	0.30 (0.06 - 1.53)	0.1489	932 (85.4)	154 (14.1)
1.22 (0.89 - 1.69)	0.2218	1.15 (0.44 - 3.04)	0.7769	793 (72.8)	273 (25.0)
1.01 (0.75 - 1.36)	0.9568	0.94 (0.66 - 1.35)	0.7547	363 (33.4)	535 (49.3)

1.14 (0.79 - 1.64)	0.4719	1.85 (0.54 - 6.39)	0.329	890 (81.7)	191 (17.5)
1.05 (0.78 - 1.42)	0.7512	0.84 (0.59 - 1.18)	0.3066	351 (32.2)	530 (48.6)
0.78 (0.59 - 1.03)	0.0815	0.92 (0.57 - 1.46)	0.7123	602 (55.3)	408 (37.5)
0.83 (0.63 - 1.10)	0.1922	1.14 (0.79 - 1.63)	0.4905	428 (39.3)	494 (45.3)
1.05 (0.77 - 1.42)	0.7769	0.98 (0.71 - 1.36)	0.9218	286 (26.2)	536 (49.2)
0.79 (0.60 - 1.04)	0.0891	0.96 (0.64 - 1.42)	0.8259	501 (45.9)	465 (42.6)
1.43 (0.99 - 2.08)	0.0586	1.65 (0.46 - 5.91)	0.4425	897 (82.3)	181 (16.6)
0.91 (0.59 - 1.42)	0.6893	0.00 (0.00 -)	0.9838	954 (87.7)	131 (12.0)
1.08 (0.73 - 1.61)	0.6957	0.33 (0.03 - 3.15)	0.3335	912 (84.0)	169 (15.6)
1.02 (0.65 - 1.58)	0.9458	0.00 (0.00 -)	0.9868	955 (87.7)	131 (12.0)
0.74 (0.56 - 0.99)	0.0392	0.93 (0.60 - 1.43)	0.7444	575 (52.7)	424 (38.9)
0.95 (0.73 - 1.25)	0.7278	0.99 (0.54 - 1.81)	0.9683	591 (54.2)	438 (40.1)
1.22 (0.81 - 1.83)	0.3428	0.37 (0.04 - 3.66)	0.3983	938 (86.0)	150 (13.7)
1.03 (0.78 - 1.37)	0.8136	0.79 (0.44 - 1.42)	0.4239	643 (58.9)	386 (35.4)
0.68 (0.41 - 1.15)	0.1515	0.64 (0.04 -	0.7616	1010 (92.7)	78 (7.2)
1.07 (0.81 - 1.41)	0.6381	0.98 (0.66 - 1.45)	0.9041	431 (39.5)	516 (47.3)
0.91 (0.62 - 1.33)	0.6264	1501215 (0.00 -)	0.9813	906 (83.0)	175 (16.0)
1.05 (0.75 - 1.47)	0.7792	0.60 (0.14 - 2.53)	0.4886	888 (81.4)	197 (18.1)
0.98 (0.72 - 1.32)	0.8878	1.09 (0.78 - 1.51)	0.616	306 (28.0)	547 (50.1)
1.38 (1.00 - 1.90)	0.0503	0.82 (0.39 - 1.75)	0.611	759 (69.7)	295 (27.1)
1.36 (1.01 - 1.83)	0.0457	1.11 (0.58 - 2.09)	0.7567	669 (61.6)	366 (33.7)
1.31 (0.98 - 1.77)	0.0726	1.14 (0.65 - 2.00)	0.6372	645 (59.1)	376 (34.5)
0.84 (0.63 - 1.12)	0.2376	1.09 (0.66 - 1.79)	0.7461	563 (51.7)	445 (40.8)
1.01 (0.77 - 1.34)	0.9314	1.29 (0.77 - 2.15)	0.3379	577 (52.9)	429 (39.3)
1.05 (0.80 - 1.38)	0.715	1.11 (0.74 - 1.65)	0.6134	428 (39.3)	518 (47.5)
1.04 (0.64 - 1.67)	0.8872	0.00 (0.00 -)	0.9858	988 (90.6)	99 (9.1)
1.16 (0.86 - 1.55)	0.3359	0.89 (0.61 - 1.29)	0.5305	374 (34.3)	537 (49.2)
0.87 (0.65 - 1.16)	0.3438	0.95 (0.59 - 1.52)	0.8218	595 (54.5)	414 (37.9)
0.99 (0.75 - 1.32)	0.955	1.29 (0.67 - 2.48)	0.4371	662 (60.7)	384 (35.2)
1.41 (1.02 - 1.95)	0.0371	0.99 (0.47 - 2.08)	0.9781	759 (69.6)	296 (27.2)
1.33 (0.99 - 1.79)	0.0576	0.68 (0.38 - 1.21)	0.1887	649 (59.6)	387 (35.5)
1.32 (0.98 - 1.79)	0.0718	0.96 (0.52 - 1.77)	0.886	691 (63.5)	347 (31.9)
1.43 (1.01 - 2.00)	0.0417	1.07 (0.47 - 2.42)	0.877	782 (72.1)	274 (25.3)
1.55 (1.11 - 2.16)	0.0102	1.16 (0.56 - 2.37)	0.6932	765 (70.2)	289 (26.5)
0.93 (0.56 - 1.54)	0.7763	1.95 (0.16 -	0.5975	1001 (91.8)	87 (8.0)
0.93 (0.61 - 1.42)	0.7517	0.35 (0.07 - 1.75)	0.2005	947 (86.9)	138 (12.7)

AAO_All Genotype n(%) 2/2 Cases	AAO_All Trend Model HR (95%CI)	AAO_All Trend P-value	AAO_All Dominant Model HR (95%CI)	AAO_All Dominant P-value
161 (15.0)	0.99 (0.90 - 1.08)	0.8136	0.91 (0.81 - 1.03)	0.1481
204 (18.7)	1.09 (1.00 - 1.18)	0.0409	1.16 (1.02 - 1.31)	0.0221
8 (0.7)	0.97 (0.84 - 1.12)	0.6852	0.99 (0.84 - 1.16)	0.8837
0 (0.0)	0.96 (0.78 - 1.19)	0.7206	0.96 (0.78 - 1.19)	0.7206
246 (22.6)	1.01 (0.93 - 1.10)	0.8115	1.02 (0.89 - 1.16)	0.7906
180 (16.5)	0.96 (0.88 - 1.05)	0.3649	0.99 (0.88 - 1.12)	0.9059
216 (19.8)	0.98 (0.90 - 1.07)	0.671	1.01 (0.89 - 1.15)	0.8543
20 (1.8)	0.91 (0.81 - 1.03)	0.1542	0.91 (0.79 - 1.05)	0.2035
189 (17.4)	1.05 (0.97 - 1.15)	0.2225	1.06 (0.93 - 1.20)	0.3667
216 (19.8)	0.98 (0.90 - 1.07)	0.6675	1.01 (0.89 - 1.15)	0.8692
5 (0.5)	1.32 (1.10 - 1.59)	0.003	1.32 (1.09 - 1.61)	0.0051
12 (1.1)	0.92 (0.81 - 1.05)	0.2296	0.91 (0.79 - 1.04)	0.1677
4 (0.4)	0.92 (0.80 - 1.06)	0.26	0.91 (0.78 - 1.06)	0.2149
63 (5.8)	1.02 (0.93 - 1.13)	0.6551	1.03 (0.91 - 1.16)	0.6598
10 (0.9)	1.08 (0.93 - 1.26)	0.2991	1.06 (0.90 - 1.25)	0.4554
19 (1.7)	1.04 (0.91 - 1.18)	0.5564	1.01 (0.88 - 1.16)	0.8926
41 (3.8)	0.95 (0.85 - 1.06)	0.347	0.94 (0.83 - 1.07)	0.3781
82 (7.5)	0.95 (0.87 - 1.04)	0.2977	0.96 (0.85 - 1.08)	0.5044
40 (3.7)	1.06 (0.96 - 1.19)	0.2572	1.06 (0.93 - 1.20)	0.3649
262 (24.0)	0.96 (0.88 - 1.04)	0.3442	0.90 (0.79 - 1.03)	0.1423
4 (0.4)	1.08 (0.91 - 1.28)	0.3975	1.10 (0.92 - 1.33)	0.2971
267 (24.6)	1.02 (0.94 - 1.11)	0.6727	1.02 (0.89 - 1.17)	0.7803
13 (1.2)	1.08 (0.94 - 1.25)	0.2907	1.09 (0.93 - 1.27)	0.3069
201 (18.4)	0.97 (0.89 - 1.06)	0.4732	0.98 (0.86 - 1.12)	0.7744
60 (5.5)	0.95 (0.86 - 1.05)	0.3478	0.95 (0.84 - 1.07)	0.4274
28 (2.6)	1.11 (0.99 - 1.24)	0.0828	1.11 (0.97 - 1.26)	0.1265
123 (11.3)	0.96 (0.88 - 1.05)	0.4212	0.96 (0.85 - 1.09)	0.5335
52 (4.8)	1.10 (0.99 - 1.22)	0.0813	1.08 (0.95 - 1.22)	0.233
81 (7.4)	0.94 (0.86 - 1.04)	0.2204	0.93 (0.82 - 1.05)	0.2168
268 (24.6)	1.03 (0.95 - 1.12)	0.4906	1.05 (0.92 - 1.21)	0.4547
166 (15.2)	0.95 (0.87 - 1.04)	0.2702	0.95 (0.83 - 1.07)	0.3775
26 (2.4)	1.05 (0.93 - 1.17)	0.4531	1.02 (0.90 - 1.16)	0.755
123 (11.3)	1.03 (0.94 - 1.12)	0.5831	1.05 (0.93 - 1.18)	0.4209
29 (2.7)	1.17 (1.04 - 1.31)	0.009	1.20 (1.05 - 1.38)	0.0076
51 (4.7)	0.94 (0.85 - 1.04)	0.2422	0.93 (0.82 - 1.05)	0.2524
16 (1.5)	1.33 (1.12 - 1.57)	0.0009	1.32 (1.08 - 1.60)	0.0058
16 (1.5)	0.88 (0.77 - 1.00)	0.0565	0.89 (0.76 - 1.03)	0.1193
15 (1.4)	0.91 (0.79 - 1.04)	0.1612	0.90 (0.77 - 1.05)	0.1859
7 (0.6)	1.06 (0.89 - 1.25)	0.5245	1.02 (0.86 - 1.22)	0.7881
1 (0.1)	1.18 (0.91 - 1.51)	0.2079	1.20 (0.92 - 1.55)	0.1812
5 (0.5)	1.03 (0.87 - 1.21)	0.7377	1.02 (0.86 - 1.20)	0.8448
100 (9.2)	1.01 (0.92 - 1.11)	0.8949	0.98 (0.87 - 1.10)	0.6775
38 (3.5)	1.01 (0.90 - 1.12)	0.9077	0.99 (0.87 - 1.13)	0.8994
181 (16.6)	1.01 (0.93 - 1.10)	0.7479	1.03 (0.91 - 1.16)	0.6782
243 (22.3)	1.07 (0.98 - 1.16)	0.1211	1.07 (0.94 - 1.22)	0.3178
82 (7.5)	1.16 (1.06 - 1.27)	0.0019	1.21 (1.08 - 1.37)	0.0016
90 (8.3)	1.00 (0.91 - 1.10)	0.9268	1.00 (0.88 - 1.12)	0.9496
13 (1.2)	1.09 (0.96 - 1.24)	0.1972	1.06 (0.93 - 1.22)	0.3662

24 (2.2)	1.03 (0.92 - 1.16)	0.602	1.03 (0.90 - 1.18)	0.6575
94 (8.6)	1.11 (1.01 - 1.22)	0.027	1.13 (1.00 - 1.27)	0.0535
60 (5.5)	1.10 (1.00 - 1.22)	0.054	1.10 (0.97 - 1.24)	0.1293
53 (4.9)	0.96 (0.86 - 1.06)	0.4082	0.92 (0.81 - 1.04)	0.1628
113 (10.4)	1.07 (0.98 - 1.17)	0.1405	1.05 (0.93 - 1.18)	0.4119
209 (19.2)	1.04 (0.96 - 1.14)	0.3443	1.06 (0.93 - 1.21)	0.3612
60 (5.5)	1.01 (0.91 - 1.12)	0.8544	0.99 (0.88 - 1.12)	0.8983
27 (2.5)	1.11 (0.99 - 1.25)	0.0637	1.11 (0.98 - 1.26)	0.0961
27 (2.5)	1.05 (0.93 - 1.18)	0.4086	1.02 (0.90 - 1.16)	0.7618
102 (9.4)	0.99 (0.90 - 1.08)	0.8156	1.00 (0.89 - 1.13)	0.9905
5 (0.5)	0.90 (0.77 - 1.05)	0.1702	0.90 (0.77 - 1.05)	0.1787
92 (8.4)	0.99 (0.90 - 1.09)	0.891	0.99 (0.87 - 1.11)	0.8039
5 (0.5)	0.92 (0.78 - 1.07)	0.2729	0.92 (0.78 - 1.08)	0.2906
27 (2.5)	1.07 (0.95 - 1.21)	0.2531	1.05 (0.92 - 1.20)	0.4435
100 (9.2)	1.04 (0.95 - 1.14)	0.3457	1.13 (1.00 - 1.27)	0.0487
12 (1.1)	1.07 (0.93 - 1.22)	0.3355	1.08 (0.93 - 1.24)	0.3109
28 (2.6)	1.04 (0.93 - 1.16)	0.5144	1.05 (0.93 - 1.19)	0.4452
13 (1.2)	1.08 (0.94 - 1.24)	0.2721	1.05 (0.91 - 1.22)	0.4921
269 (24.7)	0.94 (0.86 - 1.02)	0.1376	0.91 (0.79 - 1.04)	0.1706
143 (13.1)	1.06 (0.97 - 1.16)	0.1994	1.04 (0.92 - 1.17)	0.5614
227 (20.8)	0.95 (0.87 - 1.04)	0.2533	0.90 (0.79 - 1.03)	0.1212
45 (4.1)	1.13 (1.01 - 1.25)	0.0267	1.12 (0.99 - 1.27)	0.0787
93 (8.5)	1.07 (0.97 - 1.17)	0.1605	1.08 (0.96 - 1.22)	0.1926
70 (6.4)	0.99 (0.90 - 1.09)	0.8299	1.03 (0.92 - 1.17)	0.5818
51 (4.7)	1.01 (0.91 - 1.12)	0.8133	0.99 (0.88 - 1.12)	0.9039
23 (2.1)	1.03 (0.91 - 1.17)	0.6295	1.03 (0.89 - 1.18)	0.6979
29 (2.7)	0.96 (0.86 - 1.08)	0.5149	0.93 (0.82 - 1.06)	0.2945
4 (0.4)	0.98 (0.84 - 1.15)	0.8452	1.02 (0.86 - 1.21)	0.8108
57 (5.2)	0.99 (0.90 - 1.09)	0.8472	1.03 (0.91 - 1.16)	0.6506
122 (11.2)	0.97 (0.89 - 1.06)	0.5293	0.96 (0.85 - 1.08)	0.4914
58 (5.3)	1.12 (1.02 - 1.24)	0.0199	1.17 (1.03 - 1.32)	0.0126
43 (3.9)	1.10 (0.99 - 1.23)	0.0639	1.14 (1.01 - 1.29)	0.0384
6 (0.6)	0.95 (0.79 - 1.14)	0.5598	0.96 (0.79 - 1.17)	0.6967
127 (11.7)	1.00 (0.92 - 1.10)	0.9178	1.01 (0.90 - 1.14)	0.8465
5 (0.5)	1.08 (0.89 - 1.30)	0.4443	1.12 (0.91 - 1.38)	0.2962
88 (8.1)	1.04 (0.95 - 1.14)	0.401	1.04 (0.92 - 1.17)	0.5498
2 (0.2)	0.86 (0.72 - 1.02)	0.0889	0.84 (0.70 - 1.01)	0.0686
5 (0.5)	1.00 (0.83 - 1.20)	0.9655	0.96 (0.79 - 1.16)	0.6813
8 (0.7)	0.88 (0.75 - 1.03)	0.1193	0.86 (0.73 - 1.03)	0.0962
6 (0.6)	1.15 (0.98 - 1.34)	0.0823	1.17 (0.99 - 1.38)	0.0648
2 (0.2)	1.04 (0.87 - 1.26)	0.6631	1.03 (0.86 - 1.25)	0.726
16 (1.5)	0.94 (0.83 - 1.06)	0.3206	0.95 (0.83 - 1.08)	0.4238
15 (1.4)	1.11 (0.97 - 1.27)	0.1372	1.07 (0.93 - 1.24)	0.3629
9 (0.8)	0.92 (0.81 - 1.06)	0.2425	0.92 (0.80 - 1.06)	0.2385
18 (1.7)	1.09 (0.97 - 1.23)	0.1634	1.06 (0.93 - 1.21)	0.3523
19 (1.7)	1.13 (0.99 - 1.28)	0.0642	1.11 (0.97 - 1.28)	0.1231
11 (1.0)	0.90 (0.78 - 1.04)	0.1592	0.90 (0.77 - 1.05)	0.1817
230 (21.1)	0.96 (0.88 - 1.04)	0.3005	0.97 (0.85 - 1.10)	0.6133
8 (0.7)	1.14 (0.99 - 1.32)	0.0687	1.14 (0.98 - 1.32)	0.0906
189 (17.3)	1.04 (0.96 - 1.14)	0.3178	1.06 (0.93 - 1.20)	0.3952
5 (0.5)	1.18 (1.01 - 1.39)	0.0402	1.20 (1.01 - 1.42)	0.0342
24 (2.2)	0.96 (0.85 - 1.08)	0.4887	0.94 (0.82 - 1.08)	0.3697
188 (17.3)	1.05 (0.96 - 1.14)	0.2984	1.07 (0.94 - 1.21)	0.3266

9 (0.8)	0.95 (0.82 - 1.09)	0.4447	0.96 (0.83 - 1.12)	0.6448
209 (19.2)	0.98 (0.90 - 1.06)	0.5892	0.95 (0.83 - 1.07)	0.3914
79 (7.3)	1.02 (0.93 - 1.12)	0.6917	1.08 (0.96 - 1.22)	0.1952
168 (15.4)	0.97 (0.89 - 1.05)	0.4779	1.02 (0.91 - 1.16)	0.716
268 (24.6)	1.04 (0.96 - 1.14)	0.2986	1.09 (0.95 - 1.24)	0.2375
125 (11.5)	1.00 (0.91 - 1.09)	0.9402	1.02 (0.90 - 1.15)	0.7496
12 (1.1)	0.90 (0.78 - 1.04)	0.165	0.90 (0.77 - 1.05)	0.1654
3 (0.3)	0.95 (0.79 - 1.13)	0.55	0.94 (0.78 - 1.13)	0.4934
5 (0.5)	0.97 (0.82 - 1.13)	0.6723	0.95 (0.80 - 1.12)	0.5175
3 (0.3)	1.10 (0.92 - 1.31)	0.2972	1.09 (0.91 - 1.30)	0.3739
92 (8.4)	1.00 (0.91 - 1.09)	0.9672	1.02 (0.91 - 1.15)	0.7358
62 (5.7)	0.93 (0.84 - 1.02)	0.1386	0.90 (0.80 - 1.01)	0.0805
3 (0.3)	0.99 (0.84 - 1.17)	0.94	0.99 (0.83 - 1.17)	0.8792
62 (5.7)	1.05 (0.95 - 1.16)	0.3435	1.03 (0.92 - 1.17)	0.5932
2 (0.2)	1.09 (0.88 - 1.35)	0.4431	1.10 (0.88 - 1.39)	0.3949
143 (13.1)	1.05 (0.96 - 1.15)	0.2741	1.05 (0.93 - 1.18)	0.4641
10 (0.9)	0.99 (0.86 - 1.15)	0.9198	1.02 (0.87 - 1.20)	0.8056
6 (0.5)	0.97 (0.84 - 1.12)	0.6868	0.97 (0.84 - 1.13)	0.7234
238 (21.8)	0.96 (0.89 - 1.05)	0.3949	0.98 (0.86 - 1.12)	0.7279
35 (3.2)	0.94 (0.84 - 1.05)	0.2467	0.94 (0.82 - 1.06)	0.3117
51 (4.7)	0.98 (0.89 - 1.09)	0.7496	1.00 (0.88 - 1.13)	0.9643
70 (6.4)	0.99 (0.90 - 1.09)	0.8891	0.99 (0.88 - 1.12)	0.9325
82 (7.5)	0.95 (0.86 - 1.05)	0.313	0.91 (0.81 - 1.03)	0.1267
85 (7.8)	1.07 (0.97 - 1.17)	0.1749	1.09 (0.97 - 1.23)	0.1531
144 (13.2)	0.96 (0.87 - 1.04)	0.3065	0.95 (0.84 - 1.07)	0.3999
4 (0.4)	0.99 (0.82 - 1.21)	0.9523	0.97 (0.79 - 1.19)	0.7882
180 (16.5)	0.95 (0.87 - 1.04)	0.2533	0.90 (0.80 - 1.03)	0.1176
82 (7.5)	0.99 (0.90 - 1.08)	0.8303	1.04 (0.92 - 1.17)	0.5072
44 (4.0)	1.04 (0.94 - 1.16)	0.4211	1.04 (0.92 - 1.18)	0.4982
35 (3.2)	0.93 (0.83 - 1.04)	0.215	0.93 (0.82 - 1.06)	0.3007
53 (4.9)	0.94 (0.84 - 1.04)	0.2039	0.91 (0.81 - 1.03)	0.1363
50 (4.6)	0.96 (0.87 - 1.06)	0.4252	0.97 (0.86 - 1.10)	0.6682
28 (2.6)	0.95 (0.85 - 1.07)	0.3784	0.96 (0.84 - 1.10)	0.5952
36 (3.3)	0.94 (0.84 - 1.05)	0.287	0.94 (0.83 - 1.08)	0.3896
2 (0.2)	1.11 (0.91 - 1.37)	0.3029	1.14 (0.92 - 1.42)	0.2374
5 (0.5)	0.96 (0.81 - 1.13)	0.5939	0.97 (0.81 - 1.16)	0.7345

AAO_All Recessive Model HR (95%CI)	AAO_All Recessive P-value	AAO_Men Genotype n(%) 1/1 Cases	AAO_Men Genotype n(%) 1/2 Cases	AAO_Men Genotype n(%) 2/2 Cases	AAO_Men Trend Model HR (95%CI)
1.14 (0.97 - 1.35)	0.1137	273 (39.6)	316 (45.8)	101 (14.6)	0.98 (0.87 - 1.09)
1.07 (0.92 - 1.25)	0.3535	226 (32.3)	335 (47.9)	138 (19.7)	1.09 (0.98 - 1.20)
0.68 (0.34 - 1.36)	0.2745	577 (82.4)	117 (16.7)	6 (0.9)	0.95 (0.80 - 1.14)
(-)	--	645 (92.5)	52 (7.5)	0 (0.0)	1.13 (0.86 - 1.51)
1.01 (0.87 - 1.16)	0.9064	184 (26.3)	349 (49.9)	167 (23.9)	0.99 (0.89 - 1.10)
0.88 (0.75 - 1.04)	0.1275	251 (35.8)	335 (47.8)	115 (16.4)	0.96 (0.86 - 1.06)
0.93 (0.80 - 1.08)	0.3441	215 (30.7)	345 (49.2)	141 (20.1)	1.00 (0.90 - 1.11)
0.79 (0.51 - 1.24)	0.3064	543 (77.8)	140 (20.1)	15 (2.1)	0.89 (0.76 - 1.04)
1.09 (0.93 - 1.28)	0.2684	243 (34.7)	329 (46.9)	129 (18.4)	1.03 (0.93 - 1.14)
0.93 (0.80 - 1.08)	0.3507	215 (30.7)	344 (49.1)	141 (20.1)	1.00 (0.90 - 1.11)
2.09 (0.87 - 5.04)	0.1005	628 (89.7)	70 (10.0)	2 (0.3)	1.38 (1.08 - 1.75)
1.15 (0.65 - 2.03)	0.6345	537 (76.7)	156 (22.3)	7 (1.0)	0.98 (0.83 - 1.16)
1.46 (0.55 - 3.90)	0.447	555 (79.3)	143 (20.4)	2 (0.3)	0.88 (0.74 - 1.06)
1.03 (0.80 - 1.33)	0.8271	374 (53.7)	281 (40.3)	42 (6.0)	0.99 (0.88 - 1.12)
1.71 (0.92 - 3.20)	0.0916	588 (84.1)	107 (15.3)	4 (0.6)	1.12 (0.92 - 1.36)
1.58 (1.00 - 2.49)	0.049	532 (75.9)	161 (23.0)	8 (1.1)	0.99 (0.84 - 1.17)
0.91 (0.67 - 1.25)	0.566	488 (69.9)	185 (26.5)	25 (3.6)	0.96 (0.84 - 1.11)
0.87 (0.69 - 1.09)	0.2251	384 (54.9)	262 (37.5)	53 (7.6)	0.96 (0.85 - 1.07)
1.19 (0.87 - 1.63)	0.2813	460 (65.8)	219 (31.3)	20 (2.9)	0.99 (0.86 - 1.14)
1.00 (0.87 - 1.14)	0.949	196 (28.0)	342 (48.8)	163 (23.3)	0.92 (0.83 - 1.02)
0.74 (0.27 - 1.97)	0.5421	620 (88.7)	77 (11.0)	2 (0.3)	0.97 (0.78 - 1.21)
1.03 (0.90 - 1.18)	0.6795	176 (25.2)	343 (49.1)	179 (25.6)	1.01 (0.90 - 1.12)
1.15 (0.66 - 2.00)	0.6132	578 (82.6)	113 (16.1)	9 (1.3)	1.07 (0.90 - 1.28)
0.93 (0.80 - 1.08)	0.3466	215 (30.7)	351 (50.1)	134 (19.1)	0.94 (0.85 - 1.05)
0.91 (0.70 - 1.18)	0.4585	408 (58.5)	251 (36.0)	39 (5.6)	0.99 (0.88 - 1.13)
1.28 (0.88 - 1.87)	0.1986	489 (69.9)	196 (28.0)	15 (2.1)	1.16 (1.00 - 1.34)
0.93 (0.77 - 1.12)	0.4624	331 (47.3)	296 (42.3)	73 (10.4)	0.98 (0.88 - 1.10)
1.36 (1.03 - 1.79)	0.0318	427 (61.0)	238 (34.0)	35 (5.0)	1.09 (0.96 - 1.24)
0.93 (0.74 - 1.17)	0.5445	387 (55.2)	261 (37.2)	53 (7.6)	0.92 (0.82 - 1.04)
1.03 (0.89 - 1.18)	0.7067	174 (24.9)	347 (49.6)	179 (25.6)	1.00 (0.90 - 1.11)
0.93 (0.78 - 1.09)	0.3576	236 (33.7)	357 (51.0)	107 (15.3)	0.93 (0.83 - 1.04)
1.43 (0.97 - 2.11)	0.0718	458 (65.3)	222 (31.7)	21 (3.0)	1.06 (0.92 - 1.22)
0.99 (0.82 - 1.19)	0.9146	295 (42.1)	320 (45.7)	85 (12.1)	0.99 (0.89 - 1.10)
1.20 (0.83 - 1.73)	0.345	508 (72.8)	173 (24.8)	17 (2.4)	1.17 (1.01 - 1.35)
0.92 (0.69 - 1.21)	0.5442	448 (64.1)	218 (31.2)	33 (4.7)	0.98 (0.86 - 1.11)
2.20 (1.34 - 3.61)	0.0019	618 (89.4)	64 (9.3)	9 (1.3)	1.40 (1.13 - 1.73)
0.64 (0.39 - 1.04)	0.0726	579 (82.6)	110 (15.7)	12 (1.7)	0.85 (0.72 - 1.01)
0.81 (0.48 - 1.35)	0.4213	568 (81.1)	120 (17.1)	12 (1.7)	0.92 (0.78 - 1.09)
2.64 (1.25 - 5.57)	0.0109	607 (86.8)	89 (12.7)	3 (0.4)	0.96 (0.78 - 1.20)
0.82 (0.12 - 5.82)	0.8419	666 (95.0)	34 (4.9)	1 (0.1)	1.42 (1.03 - 1.94)
1.53 (0.63 - 3.69)	0.3444	591 (84.3)	108 (15.4)	2 (0.3)	0.95 (0.78 - 1.16)
1.12 (0.91 - 1.37)	0.2921	317 (45.3)	315 (45.0)	68 (9.7)	1.06 (0.94 - 1.18)
1.12 (0.81 - 1.55)	0.4827	468 (66.8)	207 (29.5)	26 (3.7)	0.93 (0.81 - 1.06)
1.01 (0.86 - 1.18)	0.9475	251 (35.9)	337 (48.1)	112 (16.0)	1.00 (0.90 - 1.11)
1.12 (0.97 - 1.30)	0.1161	203 (29.0)	336 (48.0)	161 (23.0)	1.04 (0.94 - 1.15)
1.18 (0.94 - 1.47)	0.1585	376 (53.6)	270 (38.5)	55 (7.8)	1.21 (1.08 - 1.36)
1.04 (0.84 - 1.29)	0.7366	348 (49.8)	299 (42.8)	52 (7.4)	1.05 (0.93 - 1.19)
1.94 (1.12 - 3.36)	0.0176	519 (74.2)	172 (24.6)	8 (1.1)	1.08 (0.91 - 1.27)

1.09 (0.73 - 1.64)	0.6673	516 (73.6)	175 (25.0)	10 (1.4)	1.01 (0.87 - 1.18)
1.19 (0.97 - 1.47)	0.1026	365 (52.1)	274 (39.1)	61 (8.7)	1.15 (1.02 - 1.29)
1.28 (0.98 - 1.66)	0.0677	413 (59.0)	246 (35.1)	41 (5.9)	1.16 (1.02 - 1.31)
1.16 (0.88 - 1.53)	0.2932	426 (60.8)	242 (34.5)	33 (4.7)	0.95 (0.83 - 1.08)
1.21 (1.00 - 1.47)	0.0546	330 (47.1)	295 (42.1)	76 (10.8)	1.10 (0.98 - 1.23)
1.05 (0.90 - 1.22)	0.5523	211 (30.1)	364 (52.0)	125 (17.9)	1.09 (0.98 - 1.22)
1.11 (0.85 - 1.44)	0.4362	420 (60.0)	244 (34.9)	36 (5.1)	1.15 (1.01 - 1.30)
1.28 (0.87 - 1.88)	0.2043	469 (66.9)	212 (30.2)	20 (2.9)	1.10 (0.96 - 1.26)
1.52 (1.04 - 2.24)	0.0312	485 (69.3)	197 (28.1)	18 (2.6)	1.06 (0.91 - 1.22)
0.95 (0.77 - 1.16)	0.5969	332 (47.4)	302 (43.1)	66 (9.4)	1.04 (0.93 - 1.16)
0.81 (0.34 - 1.95)	0.6375	577 (82.4)	120 (17.1)	3 (0.4)	1.03 (0.86 - 1.25)
1.01 (0.82 - 1.26)	0.8938	353 (50.4)	293 (41.9)	54 (7.7)	1.03 (0.92 - 1.16)
0.81 (0.33 - 1.94)	0.6323	587 (83.9)	110 (15.7)	3 (0.4)	1.08 (0.89 - 1.31)
1.38 (0.94 - 2.03)	0.0973	506 (72.4)	174 (24.9)	19 (2.7)	1.08 (0.93 - 1.25)
0.88 (0.72 - 1.09)	0.244	352 (50.2)	290 (41.4)	59 (8.4)	1.12 (1.00 - 1.26)
1.03 (0.58 - 1.83)	0.912	552 (79.1)	138 (19.8)	8 (1.1)	1.09 (0.92 - 1.28)
0.98 (0.68 - 1.43)	0.9361	460 (65.7)	224 (32.0)	16 (2.3)	1.17 (1.02 - 1.34)
1.90 (1.10 - 3.29)	0.0218	558 (80.2)	131 (18.8)	7 (1.0)	1.04 (0.87 - 1.24)
0.93 (0.81 - 1.07)	0.2906	177 (25.3)	349 (49.9)	174 (24.9)	0.94 (0.84 - 1.04)
1.18 (0.99 - 1.40)	0.0729	305 (43.6)	296 (42.3)	98 (14.0)	1.05 (0.94 - 1.16)
0.98 (0.85 - 1.14)	0.7979	213 (30.4)	336 (47.9)	152 (21.7)	0.95 (0.86 - 1.06)
1.39 (1.03 - 1.87)	0.0323	451 (64.3)	222 (31.7)	28 (4.0)	1.12 (0.98 - 1.28)
1.10 (0.89 - 1.36)	0.3783	356 (50.9)	286 (40.9)	58 (8.3)	1.09 (0.97 - 1.22)
0.83 (0.65 - 1.05)	0.1246	392 (56.2)	265 (38.0)	41 (5.9)	1.03 (0.91 - 1.16)
1.15 (0.87 - 1.53)	0.3273	418 (59.7)	254 (36.3)	28 (4.0)	1.04 (0.91 - 1.18)
1.10 (0.73 - 1.67)	0.6393	527 (75.4)	156 (22.3)	16 (2.3)	1.17 (1.01 - 1.36)
1.21 (0.83 - 1.75)	0.3145	495 (70.6)	186 (26.5)	20 (2.9)	0.96 (0.83 - 1.11)
0.43 (0.16 - 1.15)	0.0924	612 (87.6)	84 (12.0)	3 (0.4)	1.09 (0.89 - 1.33)
0.83 (0.63 - 1.08)	0.1609	417 (59.6)	250 (35.7)	33 (4.7)	1.03 (0.91 - 1.17)
0.98 (0.81 - 1.18)	0.7952	335 (47.9)	289 (41.3)	76 (10.9)	0.97 (0.87 - 1.08)
1.10 (0.84 - 1.43)	0.4785	418 (59.9)	243 (34.8)	37 (5.3)	1.15 (1.02 - 1.30)
1.05 (0.77 - 1.42)	0.753	467 (66.7)	209 (29.9)	24 (3.4)	1.10 (0.96 - 1.26)
0.70 (0.31 - 1.57)	0.3877	630 (90.0)	66 (9.4)	4 (0.6)	0.90 (0.72 - 1.13)
0.99 (0.82 - 1.19)	0.9345	306 (43.7)	313 (44.7)	81 (11.6)	1.04 (0.94 - 1.16)
0.74 (0.31 - 1.78)	0.5008	641 (91.4)	57 (8.1)	3 (0.4)	1.24 (0.98 - 1.56)
1.10 (0.89 - 1.37)	0.3775	377 (54.0)	271 (38.8)	50 (7.2)	1.10 (0.98 - 1.24)
2.60 (0.65 - 10.42)	0.1787	616 (88.0)	83 (11.9)	1 (0.1)	0.98 (0.78 - 1.23)
4.56 (1.89 - 11.04)	0.0008	625 (89.4)	71 (10.2)	3 (0.4)	1.10 (0.87 - 1.40)
0.99 (0.49 - 1.98)	0.969	608 (86.7)	87 (12.4)	6 (0.9)	0.87 (0.72 - 1.07)
1.00 (0.45 - 2.23)	0.9941	589 (84.0)	110 (15.7)	2 (0.3)	1.26 (1.04 - 1.54)
1.83 (0.46 - 7.34)	0.3933	630 (90.0)	68 (9.7)	2 (0.3)	1.13 (0.89 - 1.43)
0.78 (0.48 - 1.28)	0.3266	526 (75.1)	164 (23.4)	10 (1.4)	1.02 (0.87 - 1.18)
2.37 (1.42 - 3.96)	0.001	556 (79.3)	141 (20.1)	4 (0.6)	1.01 (0.85 - 1.21)
0.92 (0.47 - 1.76)	0.791	543 (77.5)	155 (22.1)	3 (0.4)	0.98 (0.83 - 1.17)
1.82 (1.14 - 2.90)	0.0123	495 (70.8)	192 (27.5)	12 (1.7)	1.11 (0.95 - 1.29)
1.51 (0.96 - 2.38)	0.0749	526 (75.0)	165 (23.5)	10 (1.4)	1.13 (0.96 - 1.33)
0.80 (0.44 - 1.44)	0.4502	570 (81.3)	124 (17.7)	7 (1.0)	0.90 (0.75 - 1.07)
0.91 (0.79 - 1.06)	0.2185	195 (27.9)	360 (51.5)	144 (20.6)	0.94 (0.85 - 1.05)
1.49 (0.74 - 2.99)	0.2628	561 (80.0)	135 (19.3)	5 (0.7)	1.16 (0.97 - 1.39)
1.06 (0.91 - 1.24)	0.4512	240 (34.3)	344 (49.1)	116 (16.6)	1.06 (0.95 - 1.17)
1.09 (0.45 - 2.63)	0.843	605 (86.3)	93 (13.3)	3 (0.4)	1.21 (0.99 - 1.49)
1.09 (0.72 - 1.63)	0.6896	498 (71.1)	188 (26.9)	14 (2.0)	0.96 (0.83 - 1.12)
1.06 (0.90 - 1.24)	0.4998	243 (34.9)	340 (48.8)	114 (16.4)	1.06 (0.95 - 1.18)

0.64 (0.33 - 1.24)	0.1893	571 (81.6)	127 (18.1)	2 (0.3)	0.98 (0.81 - 1.18)
1.00 (0.86 - 1.17)	0.9602	211 (30.1)	349 (49.9)	140 (20.0)	0.97 (0.87 - 1.07)
0.85 (0.68 - 1.07)	0.1675	383 (54.7)	266 (38.0)	51 (7.3)	1.01 (0.90 - 1.13)
0.86 (0.73 - 1.01)	0.0668	272 (38.9)	319 (45.6)	109 (15.6)	0.96 (0.86 - 1.06)
1.04 (0.90 - 1.19)	0.6087	184 (26.3)	357 (51.0)	159 (22.7)	1.05 (0.95 - 1.17)
0.94 (0.78 - 1.13)	0.5183	317 (45.2)	300 (42.8)	84 (12.0)	0.98 (0.88 - 1.09)
0.87 (0.49 - 1.53)	0.6192	568 (81.0)	125 (17.8)	8 (1.1)	0.91 (0.76 - 1.08)
1.36 (0.44 - 4.24)	0.5911	608 (87.0)	89 (12.7)	2 (0.3)	0.95 (0.77 - 1.18)
2.06 (0.86 - 4.97)	0.1066	578 (82.8)	116 (16.6)	4 (0.6)	0.98 (0.81 - 1.19)
2.46 (0.79 - 7.64)	0.1208	608 (86.9)	90 (12.9)	2 (0.3)	1.13 (0.91 - 1.40)
0.93 (0.75 - 1.15)	0.4967	363 (51.8)	279 (39.8)	59 (8.4)	0.97 (0.87 - 1.09)
0.99 (0.77 - 1.28)	0.9385	362 (51.6)	300 (42.8)	39 (5.6)	0.95 (0.84 - 1.08)
1.41 (0.45 - 4.40)	0.55	591 (84.3)	108 (15.4)	2 (0.3)	1.02 (0.83 - 1.25)
1.20 (0.93 - 1.55)	0.1697	411 (58.6)	249 (35.5)	41 (5.8)	1.07 (0.94 - 1.21)
0.84 (0.21 - 3.36)	0.8048	651 (93.0)	48 (6.9)	1 (0.1)	0.94 (0.71 - 1.24)
1.11 (0.93 - 1.32)	0.2633	271 (38.7)	348 (49.6)	82 (11.7)	1.04 (0.93 - 1.17)
0.69 (0.37 - 1.29)	0.2446	583 (83.2)	114 (16.3)	4 (0.6)	0.92 (0.77 - 1.11)
0.86 (0.39 - 1.93)	0.7214	573 (81.7)	124 (17.7)	4 (0.6)	1.01 (0.85 - 1.21)
0.92 (0.80 - 1.07)	0.2857	190 (27.1)	363 (51.8)	148 (21.1)	0.94 (0.85 - 1.05)
0.86 (0.61 - 1.21)	0.3806	495 (70.7)	183 (26.1)	22 (3.1)	0.92 (0.80 - 1.06)
0.89 (0.67 - 1.19)	0.4465	432 (62.0)	234 (33.6)	31 (4.4)	0.94 (0.83 - 1.07)
0.98 (0.77 - 1.25)	0.8584	425 (60.6)	233 (33.2)	43 (6.1)	0.94 (0.84 - 1.06)
1.06 (0.85 - 1.33)	0.6001	344 (49.1)	305 (43.6)	51 (7.3)	0.93 (0.82 - 1.05)
1.07 (0.85 - 1.33)	0.5754	366 (52.2)	285 (40.7)	50 (7.1)	1.06 (0.94 - 1.20)
0.93 (0.78 - 1.11)	0.3975	260 (37.1)	351 (50.1)	89 (12.7)	0.93 (0.83 - 1.04)
2.06 (0.77 - 5.50)	0.1501	631 (90.0)	68 (9.7)	2 (0.3)	0.91 (0.71 - 1.15)
0.99 (0.84 - 1.16)	0.9047	244 (34.8)	351 (50.1)	106 (15.1)	0.99 (0.88 - 1.11)
0.83 (0.66 - 1.04)	0.0998	387 (55.2)	266 (37.9)	48 (6.8)	1.03 (0.92 - 1.16)
1.11 (0.82 - 1.50)	0.5055	424 (60.5)	246 (35.1)	31 (4.4)	1.05 (0.92 - 1.20)
0.83 (0.59 - 1.17)	0.2905	496 (70.8)	183 (26.1)	22 (3.1)	0.92 (0.80 - 1.06)
0.99 (0.75 - 1.32)	0.9668	425 (60.7)	241 (34.4)	34 (4.9)	0.94 (0.82 - 1.06)
0.84 (0.63 - 1.12)	0.2395	451 (64.5)	216 (30.9)	32 (4.6)	0.96 (0.84 - 1.09)
0.78 (0.53 - 1.14)	0.2028	509 (73.0)	170 (24.4)	18 (2.6)	0.90 (0.78 - 1.04)
0.84 (0.60 - 1.19)	0.3282	494 (70.5)	186 (26.5)	21 (3.0)	0.91 (0.79 - 1.05)
0.71 (0.18 - 2.84)	0.6262	643 (91.9)	55 (7.9)	2 (0.3)	1.11 (0.86 - 1.42)
0.66 (0.27 - 1.58)	0.3462	610 (87.1)	88 (12.6)	2 (0.3)	0.91 (0.73 - 1.13)

AAO_Men Trend P-value	AAO_Men Dominant Model HR (95%CI)	AAO_Men Dominant P-value	AAO_Men Recessive Model HR (95%CI)	AAO_Men Recessive P-value	AAO_Women Genotype n(%) 1/1 Cases
0.6606	0.92 (0.79 - 1.07)	0.2872	1.07 (0.87 - 1.32)	0.5313	145 (37.6)
0.1123	1.18 (1.01 - 1.39)	0.0369	1.04 (0.86 - 1.25)	0.7041	139 (35.6)
0.6022	0.97 (0.79 - 1.17)	0.7245	0.73 (0.33 - 1.63)	0.4415	329 (84.4)
0.3807	1.13 (0.86 - 1.51)	0.3807	(-)	--	348 (89.5)
0.8144	0.97 (0.82 - 1.15)	0.7259	1.00 (0.84 - 1.19)	0.9753	110 (28.3)
0.4173	0.99 (0.84 - 1.15)	0.8627	0.88 (0.72 - 1.07)	0.197	128 (32.8)
0.9373	1.00 (0.85 - 1.17)	1	0.99 (0.82 - 1.19)	0.8942	107 (27.4)
0.1416	0.88 (0.74 - 1.06)	0.1697	0.79 (0.47 - 1.32)	0.3644	284 (73.0)
0.5841	1.05 (0.90 - 1.22)	0.5649	1.03 (0.85 - 1.25)	0.7716	140 (36.1)
0.9329	1.00 (0.85 - 1.17)	0.9776	0.99 (0.82 - 1.19)	0.908	107 (27.4)
0.0085	1.36 (1.07 - 1.74)	0.0129	3.26 (0.81 - 13.08)	0.0954	350 (89.7)
0.8029	0.96 (0.80 - 1.14)	0.635	1.54 (0.73 - 3.25)	0.254	286 (73.5)
0.1795	0.87 (0.73 - 1.05)	0.1505	1.81 (0.45 - 7.28)	0.4009	315 (81.0)
0.8553	1.00 (0.86 - 1.17)	0.9619	0.92 (0.67 - 1.25)	0.5808	236 (60.7)
0.256	1.10 (0.90 - 1.35)	0.3508	2.22 (0.83 - 5.95)	0.1116	328 (84.1)
0.9347	0.98 (0.82 - 1.16)	0.7797	1.39 (0.69 - 2.79)	0.3534	298 (76.4)
0.5985	0.96 (0.82 - 1.13)	0.6413	0.93 (0.62 - 1.38)	0.703	256 (65.6)
0.4605	1.00 (0.86 - 1.16)	0.95	0.80 (0.60 - 1.06)	0.1181	199 (51.0)
0.8898	0.99 (0.85 - 1.16)	0.9184	0.97 (0.62 - 1.51)	0.8775	254 (65.1)
0.1096	0.86 (0.73 - 1.02)	0.0852	0.92 (0.77 - 1.10)	0.3757	98 (25.1)
0.7952	1.01 (0.80 - 1.27)	0.9521	0.40 (0.10 - 1.62)	0.2013	340 (87.2)
0.9219	0.98 (0.82 - 1.16)	0.8013	1.04 (0.87 - 1.23)	0.6791	98 (25.3)
0.4216	1.09 (0.89 - 1.32)	0.4124	1.09 (0.56 - 2.11)	0.8043	329 (84.4)
0.2912	0.93 (0.79 - 1.09)	0.3737	0.92 (0.76 - 1.12)	0.4059	133 (34.1)
0.9287	1.00 (0.86 - 1.16)	0.9612	0.98 (0.71 - 1.35)	0.8979	213 (54.6)
0.0442	1.18 (1.00 - 1.39)	0.0441	1.20 (0.72 - 2.01)	0.4823	257 (66.1)
0.777	1.00 (0.86 - 1.16)	0.9672	0.93 (0.73 - 1.19)	0.5873	164 (42.2)
0.1645	1.09 (0.93 - 1.26)	0.289	1.28 (0.91 - 1.80)	0.1583	247 (63.3)
0.1816	0.90 (0.77 - 1.04)	0.1543	0.93 (0.70 - 1.23)	0.6106	220 (56.4)
0.9805	1.01 (0.85 - 1.20)	0.8964	0.99 (0.84 - 1.18)	0.9287	102 (26.2)
0.1854	0.90 (0.77 - 1.05)	0.1956	0.92 (0.75 - 1.13)	0.4281	136 (34.9)
0.4262	1.03 (0.88 - 1.20)	0.7038	1.44 (0.93 - 2.22)	0.1022	262 (67.4)
0.8729	1.03 (0.89 - 1.20)	0.6638	0.89 (0.71 - 1.12)	0.3384	189 (48.6)
0.0312	1.23 (1.04 - 1.46)	0.0138	1.02 (0.63 - 1.65)	0.9363	294 (75.6)
0.729	1.00 (0.85 - 1.16)	0.953	0.87 (0.61 - 1.23)	0.4309	241 (61.8)
0.0022	1.37 (1.07 - 1.75)	0.0117	2.84 (1.46 - 5.50)	0.002	345 (89.8)
0.0664	0.86 (0.70 - 1.04)	0.1221	0.63 (0.35 - 1.11)	0.1091	305 (78.2)
0.3349	0.94 (0.78 - 1.14)	0.5438	0.67 (0.38 - 1.19)	0.1721	325 (83.3)
0.7387	0.93 (0.75 - 1.16)	0.5457	5.09 (1.62 - 15.95)	0.0052	334 (86.1)
0.0304	1.51 (1.07 - 2.12)	0.0179	0.83 (0.12 - 5.89)	0.8497	365 (93.6)
0.6021	0.94 (0.76 - 1.15)	0.5196	2.35 (0.59 - 9.43)	0.2283	337 (86.4)
0.3539	1.05 (0.91 - 1.22)	0.4888	1.12 (0.87 - 1.44)	0.3812	197 (50.6)
0.2905	0.90 (0.77 - 1.06)	0.2131	1.00 (0.68 - 1.49)	0.9831	261 (67.3)
0.9338	1.07 (0.91 - 1.24)	0.4162	0.91 (0.75 - 1.12)	0.377	139 (35.6)
0.4666	1.05 (0.89 - 1.24)	0.5567	1.06 (0.88 - 1.26)	0.5475	119 (30.6)
0.0014	1.25 (1.08 - 1.46)	0.0032	1.34 (1.01 - 1.76)	0.0403	198 (50.8)
0.3972	1.04 (0.90 - 1.21)	0.6018	1.16 (0.88 - 1.54)	0.2938	184 (47.2)
0.3776	1.05 (0.89 - 1.24)	0.5808	2.09 (1.04 - 4.21)	0.0385	286 (73.3)

0.8691	1.02 (0.87 - 1.21)	0.7776	0.89 (0.48 - 1.67)	0.7248	280 (72.0)
0.0195	1.16 (1.00 - 1.35)	0.0499	1.29 (0.99 - 1.68)	0.0587	178 (45.9)
0.0236	1.13 (0.97 - 1.32)	0.1094	1.52 (1.11 - 2.09)	0.0094	238 (61.0)
0.411	0.93 (0.80 - 1.08)	0.3275	1.00 (0.70 - 1.42)	1	228 (58.5)
0.1126	1.07 (0.92 - 1.24)	0.382	1.29 (1.01 - 1.64)	0.0388	210 (53.8)
0.1181	1.11 (0.95 - 1.31)	0.1885	1.13 (0.93 - 1.37)	0.2294	120 (30.8)
0.0316	1.17 (1.00 - 1.36)	0.0477	1.26 (0.90 - 1.77)	0.1753	240 (61.5)
0.1801	1.11 (0.95 - 1.30)	0.1873	1.14 (0.73 - 1.78)	0.5625	249 (63.8)
0.4557	1.03 (0.88 - 1.21)	0.7264	1.48 (0.92 - 2.36)	0.1038	263 (67.6)
0.5092	1.05 (0.90 - 1.22)	0.5272	1.05 (0.81 - 1.35)	0.7059	157 (40.4)
0.7241	1.03 (0.85 - 1.26)	0.7484	1.17 (0.38 - 3.63)	0.7894	321 (82.5)
0.614	1.01 (0.87 - 1.18)	0.8507	1.13 (0.85 - 1.49)	0.3925	183 (46.9)
0.4233	1.08 (0.89 - 1.33)	0.4307	1.16 (0.37 - 3.61)	0.7977	327 (83.8)
0.2969	1.07 (0.90 - 1.26)	0.4426	1.34 (0.85 - 2.11)	0.2109	281 (72.2)
0.042	1.23 (1.06 - 1.43)	0.0061	0.98 (0.75 - 1.28)	0.88	178 (45.6)
0.3298	1.11 (0.93 - 1.34)	0.2437	0.89 (0.44 - 1.79)	0.7489	296 (76.1)
0.0263	1.21 (1.04 - 1.42)	0.0168	1.07 (0.65 - 1.76)	0.7898	270 (69.2)
0.6739	1.03 (0.85 - 1.24)	0.7855	1.34 (0.64 - 2.84)	0.437	306 (78.7)
0.2242	0.91 (0.77 - 1.08)	0.2887	0.92 (0.78 - 1.09)	0.3555	103 (26.4)
0.4234	1.02 (0.88 - 1.18)	0.8012	1.15 (0.93 - 1.42)	0.2057	163 (41.9)
0.3674	0.90 (0.77 - 1.06)	0.2241	0.98 (0.82 - 1.17)	0.8273	101 (26.0)
0.0957	1.10 (0.95 - 1.29)	0.2069	1.41 (0.97 - 2.06)	0.0745	253 (64.9)
0.1509	1.12 (0.97 - 1.30)	0.1306	1.09 (0.83 - 1.42)	0.5519	171 (43.8)
0.6236	1.09 (0.94 - 1.27)	0.2562	0.85 (0.62 - 1.16)	0.3093	198 (50.9)
0.5657	1.04 (0.90 - 1.22)	0.5691	1.05 (0.72 - 1.53)	0.8062	231 (59.4)
0.0331	1.23 (1.03 - 1.46)	0.0205	1.10 (0.67 - 1.81)	0.705	294 (75.4)
0.5721	0.95 (0.81 - 1.12)	0.5174	1.00 (0.64 - 1.56)	1	281 (72.1)
0.422	1.19 (0.95 - 1.49)	0.128	0.38 (0.12 - 1.17)	0.0916	310 (80.1)
0.6076	1.08 (0.93 - 1.26)	0.2941	0.85 (0.60 - 1.21)	0.3652	216 (55.4)
0.5654	0.94 (0.81 - 1.09)	0.4376	1.00 (0.79 - 1.27)	1	165 (42.4)
0.028	1.19 (1.02 - 1.38)	0.0269	1.18 (0.85 - 1.64)	0.3314	221 (57.0)
0.1556	1.15 (0.98 - 1.35)	0.0835	0.97 (0.65 - 1.46)	0.8941	246 (63.1)
0.3692	0.92 (0.72 - 1.18)	0.523	0.56 (0.21 - 1.49)	0.2443	350 (90.0)
0.44	1.08 (0.93 - 1.25)	0.3221	1.01 (0.80 - 1.27)	0.9438	178 (45.8)
0.0711	1.37 (1.05 - 1.79)	0.0195	0.63 (0.20 - 1.97)	0.4277	350 (90.0)
0.113	1.14 (0.98 - 1.32)	0.0947	1.09 (0.82 - 1.46)	0.5389	203 (52.3)
0.8689	0.97 (0.77 - 1.22)	0.7925	7.09 (0.99 - 50.84)	0.0512	338 (86.7)
0.4115	1.06 (0.84 - 1.36)	0.6091	6.44 (2.05 - 20.24)	0.0014	345 (88.5)
0.1899	0.87 (0.70 - 1.08)	0.1971	0.80 (0.36 - 1.78)	0.5769	335 (85.9)
0.0201	1.28 (1.04 - 1.57)	0.0176	1.11 (0.28 - 4.44)	0.8857	333 (85.6)
0.3305	1.12 (0.87 - 1.43)	0.3783	1.81 (0.45 - 7.28)	0.4008	338 (86.9)
0.8488	1.04 (0.88 - 1.24)	0.6318	0.77 (0.41 - 1.44)	0.4078	272 (69.7)
0.9175	1.00 (0.83 - 1.20)	0.9752	1.59 (0.59 - 4.24)	0.3585	297 (76.5)
0.8547	1.00 (0.84 - 1.19)	0.9881	0.60 (0.19 - 1.87)	0.3811	291 (74.6)
0.1872	1.08 (0.92 - 1.28)	0.3314	1.74 (0.98 - 3.08)	0.0592	272 (69.7)
0.1331	1.11 (0.94 - 1.32)	0.2159	1.66 (0.89 - 3.11)	0.1115	290 (74.4)
0.2274	0.90 (0.74 - 1.09)	0.2804	0.72 (0.34 - 1.51)	0.3859	332 (85.1)
0.2587	0.96 (0.81 - 1.13)	0.5916	0.88 (0.73 - 1.06)	0.1812	129 (33.2)
0.0936	1.17 (0.97 - 1.41)	0.0937	1.22 (0.50 - 2.93)	0.6634	314 (80.5)
0.3158	1.11 (0.94 - 1.29)	0.2099	1.03 (0.84 - 1.25)	0.7993	120 (30.8)
0.0648	1.24 (1.00 - 1.54)	0.054	1.06 (0.34 - 3.29)	0.9236	327 (83.8)
0.5939	0.94 (0.79 - 1.10)	0.4294	1.23 (0.72 - 2.08)	0.4504	295 (75.6)
0.3021	1.12 (0.96 - 1.31)	0.156	1.01 (0.83 - 1.24)	0.9165	120 (30.8)

0.7967	0.97 (0.80 - 1.18)	0.7746	1.14 (0.28 - 4.56)	0.8555	319 (81.8)
0.5195	0.98 (0.84 - 1.15)	0.8248	0.92 (0.76 - 1.11)	0.3833	140 (35.9)
0.8468	1.10 (0.95 - 1.28)	0.2154	0.78 (0.59 - 1.04)	0.0906	219 (56.3)
0.3866	1.01 (0.86 - 1.17)	0.9308	0.83 (0.67 - 1.02)	0.0784	156 (40.0)
0.3392	1.14 (0.96 - 1.35)	0.123	1.00 (0.84 - 1.19)	0.9719	102 (26.2)
0.6968	1.02 (0.88 - 1.19)	0.7523	0.86 (0.69 - 1.09)	0.2092	184 (47.2)
0.2765	0.90 (0.75 - 1.09)	0.2984	0.82 (0.41 - 1.65)	0.5784	329 (84.6)
0.6363	0.94 (0.76 - 1.18)	0.6139	1.09 (0.27 - 4.35)	0.9051	346 (88.9)
0.8437	0.96 (0.79 - 1.17)	0.6971	1.93 (0.72 - 5.15)	0.1919	334 (86.1)
0.2584	1.12 (0.90 - 1.40)	0.3078	2.25 (0.56 - 9.01)	0.2525	347 (89.2)
0.6081	1.00 (0.86 - 1.16)	0.9629	0.86 (0.66 - 1.13)	0.2813	212 (54.4)
0.426	0.90 (0.78 - 1.04)	0.1633	1.19 (0.86 - 1.65)	0.281	229 (58.7)
0.8609	1.00 (0.81 - 1.22)	0.9868	12.41 (3.05 - 50.57)	0.0004	347 (89.0)
0.3071	1.03 (0.88 - 1.19)	0.7486	1.41 (1.03 - 1.94)	0.0334	232 (59.5)
0.6692	0.96 (0.72 - 1.28)	0.786	0.45 (0.06 - 3.19)	0.4222	359 (92.1)
0.4796	1.02 (0.88 - 1.19)	0.7923	1.13 (0.90 - 1.43)	0.2906	160 (41.1)
0.3834	0.95 (0.78 - 1.16)	0.6284	0.44 (0.16 - 1.19)	0.1062	323 (82.8)
0.889	1.03 (0.85 - 1.25)	0.7708	0.74 (0.27 - 1.97)	0.5411	315 (80.8)
0.2764	0.95 (0.80 - 1.12)	0.53	0.90 (0.75 - 1.08)	0.2479	116 (29.7)
0.239	0.94 (0.79 - 1.10)	0.4261	0.72 (0.47 - 1.12)	0.1485	264 (67.9)
0.3762	0.97 (0.83 - 1.13)	0.6915	0.76 (0.52 - 1.10)	0.1439	237 (60.9)
0.3467	0.95 (0.82 - 1.11)	0.5458	0.83 (0.61 - 1.14)	0.2582	220 (56.4)
0.2405	0.89 (0.77 - 1.03)	0.1253	1.02 (0.77 - 1.36)	0.8865	219 (56.2)
0.3094	1.07 (0.92 - 1.24)	0.4058	1.14 (0.85 - 1.52)	0.388	211 (54.1)
0.1907	0.90 (0.78 - 1.05)	0.1983	0.92 (0.73 - 1.15)	0.4593	168 (43.1)
0.4279	0.89 (0.69 - 1.14)	0.3558	1.90 (0.47 - 7.64)	0.3638	357 (91.5)
0.8692	0.93 (0.79 - 1.09)	0.3517	1.11 (0.90 - 1.36)	0.3358	130 (33.3)
0.5885	1.09 (0.94 - 1.27)	0.2578	0.88 (0.66 - 1.19)	0.4107	208 (53.3)
0.4712	1.02 (0.88 - 1.19)	0.8142	1.34 (0.94 - 1.93)	0.1097	238 (61.2)
0.2645	0.94 (0.80 - 1.11)	0.4633	0.73 (0.47 - 1.13)	0.1559	263 (67.6)
0.3103	0.93 (0.80 - 1.08)	0.3262	0.91 (0.64 - 1.29)	0.5951	224 (57.6)
0.4831	0.97 (0.83 - 1.13)	0.6915	0.83 (0.58 - 1.20)	0.3201	240 (61.7)
0.1575	0.91 (0.77 - 1.08)	0.2829	0.69 (0.43 - 1.13)	0.1406	273 (70.5)
0.1811	0.92 (0.78 - 1.08)	0.3138	0.73 (0.46 - 1.14)	0.1619	271 (69.7)
0.4269	1.15 (0.87 - 1.50)	0.3278	0.71 (0.18 - 2.85)	0.6304	358 (91.8)
0.3844	0.90 (0.72 - 1.13)	0.3654	1.04 (0.26 - 4.18)	0.9536	337 (86.4)

AAO_Women Genotype n(%) 1/2 Cases	AAO_Women Genotype n(%) 2/2 Cases	AAO_Women Trend Model HR (95%CI)	AAO_Women Trend P-value	AAO_Women Dominant Model HR (95%CI)	AAO_Women Dominant P-value
181 (46.9)	60 (15.5)	1.01 (0.87 - 1.18)	0.9006	0.89 (0.73 - 1.10)	0.289
185 (47.4)	66 (16.9)	1.09 (0.95 - 1.26)	0.2196	1.10 (0.90 - 1.36)	0.353
59 (15.1)	2 (0.5)	1.02 (0.79 - 1.31)	0.9057	1.05 (0.80 - 1.38)	0.7451
41 (10.5)	0 (0.0)	0.76 (0.55 - 1.06)	0.1102	0.76 (0.55 - 1.06)	0.1102
200 (51.4)	79 (20.3)	1.05 (0.91 - 1.22)	0.4719	1.10 (0.88 - 1.37)	0.4095
197 (50.5)	65 (16.7)	0.98 (0.85 - 1.13)	0.7573	1.01 (0.82 - 1.25)	0.9109
208 (53.3)	75 (19.2)	0.96 (0.84 - 1.11)	0.617	1.05 (0.84 - 1.31)	0.6712
100 (25.7)	5 (1.3)	0.95 (0.78 - 1.18)	0.6638	0.96 (0.77 - 1.20)	0.7277
188 (48.5)	60 (15.5)	1.11 (0.95 - 1.29)	0.1789	1.08 (0.88 - 1.33)	0.4787
208 (53.3)	75 (19.2)	0.96 (0.84 - 1.11)	0.617	1.05 (0.84 - 1.31)	0.6712
37 (9.5)	3 (0.8)	1.25 (0.93 - 1.68)	0.1464	1.25 (0.90 - 1.74)	0.1759
98 (25.2)	5 (1.3)	0.83 (0.67 - 1.03)	0.0886	0.82 (0.65 - 1.03)	0.085
72 (18.5)	2 (0.5)	1.01 (0.79 - 1.29)	0.9429	1.00 (0.78 - 1.30)	0.9708
132 (33.9)	21 (5.4)	1.11 (0.93 - 1.31)	0.2529	1.08 (0.88 - 1.32)	0.4632
56 (14.4)	6 (1.5)	1.01 (0.79 - 1.29)	0.9611	0.97 (0.74 - 1.28)	0.8287
81 (20.8)	11 (2.8)	1.11 (0.90 - 1.37)	0.3179	1.07 (0.84 - 1.35)	0.5904
118 (30.3)	16 (4.1)	0.91 (0.77 - 1.09)	0.3218	0.90 (0.73 - 1.11)	0.3208
162 (41.5)	29 (7.4)	0.93 (0.79 - 1.09)	0.3789	0.89 (0.73 - 1.08)	0.2297
116 (29.7)	20 (5.1)	1.21 (1.02 - 1.44)	0.0329	1.20 (0.97 - 1.47)	0.0948
193 (49.5)	99 (25.4)	1.05 (0.91 - 1.21)	0.5456	0.98 (0.78 - 1.23)	0.8617
48 (12.3)	2 (0.5)	1.37 (1.02 - 1.83)	0.0355	1.32 (0.98 - 1.78)	0.0671
201 (51.9)	88 (22.7)	1.04 (0.91 - 1.20)	0.5532	1.10 (0.87 - 1.38)	0.4351
57 (14.6)	4 (1.0)	1.08 (0.84 - 1.40)	0.53	1.07 (0.82 - 1.41)	0.6138
190 (48.7)	67 (17.2)	1.02 (0.88 - 1.17)	0.8254	1.07 (0.87 - 1.32)	0.5167
156 (40.0)	21 (5.4)	0.88 (0.75 - 1.04)	0.147	0.88 (0.72 - 1.07)	0.2019
119 (30.6)	13 (3.3)	1.01 (0.84 - 1.21)	0.941	0.97 (0.79 - 1.20)	0.7781
175 (45.0)	50 (12.9)	0.92 (0.79 - 1.06)	0.2579	0.88 (0.72 - 1.08)	0.2305
126 (32.3)	17 (4.4)	1.11 (0.93 - 1.33)	0.2568	1.07 (0.87 - 1.31)	0.5343
142 (36.4)	28 (7.2)	0.97 (0.83 - 1.14)	0.7455	0.98 (0.80 - 1.20)	0.8279
199 (51.0)	89 (22.8)	1.09 (0.94 - 1.25)	0.2549	1.12 (0.90 - 1.41)	0.3129
195 (50.0)	59 (15.1)	0.99 (0.86 - 1.14)	0.8903	1.02 (0.83 - 1.26)	0.8395
122 (31.4)	5 (1.3)	1.02 (0.83 - 1.25)	0.8635	1.00 (0.81 - 1.24)	0.9716
162 (41.6)	38 (9.8)	1.10 (0.95 - 1.29)	0.2086	1.08 (0.88 - 1.31)	0.4676
83 (21.3)	12 (3.1)	1.15 (0.95 - 1.41)	0.1594	1.13 (0.89 - 1.42)	0.3097
131 (33.6)	18 (4.6)	0.86 (0.72 - 1.03)	0.1018	0.81 (0.66 - 1.00)	0.0504
32 (8.3)	7 (1.8)	1.23 (0.94 - 1.61)	0.1405	1.23 (0.88 - 1.72)	0.2181
81 (20.8)	4 (1.0)	0.92 (0.74 - 1.15)	0.4516	0.93 (0.73 - 1.18)	0.5476
62 (15.9)	3 (0.8)	0.85 (0.66 - 1.10)	0.2252	0.81 (0.62 - 1.06)	0.1264
50 (12.9)	4 (1.0)	1.26 (0.96 - 1.64)	0.0913	1.25 (0.93 - 1.67)	0.135
25 (6.4)	0 (0.0)	0.90 (0.60 - 1.35)	0.6196	0.90 (0.60 - 1.35)	0.6196
50 (12.8)	3 (0.8)	1.21 (0.93 - 1.57)	0.1652	1.23 (0.92 - 1.65)	0.1587
160 (41.1)	32 (8.2)	0.90 (0.77 - 1.06)	0.2245	0.83 (0.68 - 1.01)	0.0671
115 (29.6)	12 (3.1)	1.19 (0.99 - 1.43)	0.0696	1.19 (0.96 - 1.47)	0.112
182 (46.7)	69 (17.7)	1.04 (0.89 - 1.20)	0.6391	0.96 (0.78 - 1.18)	0.6756
188 (48.3)	82 (21.1)	1.14 (0.99 - 1.32)	0.075	1.12 (0.90 - 1.39)	0.3228
165 (42.3)	27 (6.9)	1.07 (0.91 - 1.25)	0.4117	1.13 (0.93 - 1.38)	0.2202
168 (43.1)	38 (9.7)	0.92 (0.79 - 1.07)	0.2562	0.91 (0.74 - 1.11)	0.3286
99 (25.4)	5 (1.3)	1.11 (0.90 - 1.37)	0.3478	1.09 (0.87 - 1.36)	0.4578

95 (24.4)	14 (3.6)	1.05 (0.87 - 1.27)	0.6081	1.02 (0.82 - 1.28)	0.8301
177 (45.6)	33 (8.5)	1.04 (0.89 - 1.21)	0.6364	1.05 (0.86 - 1.29)	0.6236
133 (34.1)	19 (4.9)	1.02 (0.86 - 1.21)	0.7944	1.05 (0.86 - 1.29)	0.6301
142 (36.4)	20 (5.1)	0.97 (0.81 - 1.17)	0.7806	0.89 (0.73 - 1.09)	0.2745
143 (36.7)	37 (9.5)	1.03 (0.88 - 1.19)	0.7447	1.02 (0.84 - 1.25)	0.8371
185 (47.6)	84 (21.6)	0.96 (0.84 - 1.10)	0.573	0.96 (0.77 - 1.19)	0.7137
126 (32.3)	24 (6.2)	0.80 (0.67 - 0.95)	0.0118	0.73 (0.59 - 0.90)	0.0032
134 (34.4)	7 (1.8)	1.14 (0.94 - 1.39)	0.1846	1.11 (0.91 - 1.37)	0.308
117 (30.1)	9 (2.3)	1.03 (0.84 - 1.25)	0.7869	0.99 (0.80 - 1.23)	0.9348
196 (50.4)	36 (9.3)	0.89 (0.76 - 1.04)	0.1409	0.90 (0.74 - 1.11)	0.3204
66 (17.0)	2 (0.5)	0.71 (0.55 - 0.92)	0.0083	0.70 (0.54 - 0.92)	0.0091
169 (43.3)	38 (9.7)	0.92 (0.79 - 1.07)	0.2952	0.92 (0.75 - 1.12)	0.4187
61 (15.6)	2 (0.5)	0.70 (0.54 - 0.91)	0.0069	0.69 (0.53 - 0.91)	0.0074
100 (25.7)	8 (2.1)	1.04 (0.85 - 1.27)	0.7135	1.01 (0.81 - 1.26)	0.9193
171 (43.8)	41 (10.5)	0.91 (0.78 - 1.05)	0.2032	0.94 (0.77 - 1.15)	0.54
89 (22.9)	4 (1.0)	1.04 (0.83 - 1.30)	0.7295	1.02 (0.81 - 1.29)	0.8564
108 (27.7)	12 (3.1)	0.83 (0.69 - 1.01)	0.0592	0.80 (0.64 - 0.99)	0.0439
77 (19.8)	6 (1.5)	1.16 (0.92 - 1.47)	0.1959	1.10 (0.86 - 1.40)	0.4358
192 (49.2)	95 (24.4)	0.93 (0.81 - 1.08)	0.3516	0.90 (0.71 - 1.12)	0.3385
181 (46.5)	45 (11.6)	1.09 (0.93 - 1.27)	0.2816	1.07 (0.87 - 1.31)	0.5195
213 (54.8)	75 (19.3)	0.94 (0.81 - 1.10)	0.4552	0.89 (0.71 - 1.12)	0.3168
120 (30.8)	17 (4.4)	1.14 (0.95 - 1.35)	0.1595	1.13 (0.92 - 1.40)	0.242
184 (47.2)	35 (9.0)	1.03 (0.88 - 1.20)	0.7418	1.00 (0.82 - 1.22)	1
162 (41.6)	29 (7.5)	0.91 (0.78 - 1.07)	0.2442	0.92 (0.76 - 1.13)	0.4357
135 (34.7)	23 (5.9)	0.96 (0.81 - 1.14)	0.6224	0.89 (0.73 - 1.09)	0.2678
89 (22.8)	7 (1.8)	0.79 (0.64 - 0.99)	0.0362	0.76 (0.60 - 0.96)	0.0196
100 (25.6)	9 (2.3)	0.96 (0.78 - 1.18)	0.697	0.90 (0.72 - 1.12)	0.3273
76 (19.6)	1 (0.3)	0.85 (0.67 - 1.09)	0.2068	0.85 (0.66 - 1.09)	0.2003
150 (38.5)	24 (6.2)	0.91 (0.77 - 1.07)	0.2521	0.92 (0.75 - 1.13)	0.4187
178 (45.8)	46 (11.8)	0.98 (0.85 - 1.14)	0.803	0.99 (0.81 - 1.22)	0.9516
146 (37.6)	21 (5.4)	1.08 (0.92 - 1.27)	0.368	1.13 (0.92 - 1.38)	0.2482
125 (32.1)	19 (4.9)	1.10 (0.93 - 1.31)	0.2556	1.12 (0.91 - 1.38)	0.28
37 (9.5)	2 (0.5)	1.09 (0.80 - 1.50)	0.5737	1.08 (0.77 - 1.50)	0.6549
165 (42.4)	46 (11.8)	0.93 (0.80 - 1.08)	0.3493	0.89 (0.73 - 1.09)	0.2693
37 (9.5)	2 (0.5)	0.86 (0.63 - 1.18)	0.3496	0.84 (0.60 - 1.18)	0.3175
147 (37.9)	38 (9.8)	0.94 (0.80 - 1.10)	0.4047	0.87 (0.71 - 1.06)	0.1599
51 (13.1)	1 (0.3)	0.69 (0.52 - 0.92)	0.0125	0.68 (0.50 - 0.91)	0.0097
43 (11.0)	2 (0.5)	0.85 (0.63 - 1.15)	0.2986	0.82 (0.60 - 1.12)	0.2063
53 (13.6)	2 (0.5)	0.88 (0.66 - 1.16)	0.3553	0.85 (0.64 - 1.13)	0.2568
52 (13.4)	4 (1.0)	0.99 (0.76 - 1.28)	0.9291	0.99 (0.74 - 1.31)	0.9357
51 (13.1)	0 (0.0)	0.94 (0.70 - 1.27)	0.6927	0.94 (0.70 - 1.27)	0.6927
112 (28.7)	6 (1.5)	0.81 (0.66 - 1.00)	0.0482	0.80 (0.64 - 0.99)	0.0418
80 (20.6)	11 (2.8)	1.27 (1.03 - 1.57)	0.0244	1.20 (0.95 - 1.52)	0.1336
93 (23.8)	6 (1.5)	0.82 (0.66 - 1.02)	0.0741	0.78 (0.62 - 0.99)	0.0404
112 (28.7)	6 (1.5)	1.05 (0.86 - 1.30)	0.6106	1.02 (0.82 - 1.27)	0.8344
91 (23.3)	9 (2.3)	1.11 (0.91 - 1.36)	0.3011	1.11 (0.88 - 1.39)	0.3909
54 (13.8)	4 (1.0)	0.90 (0.69 - 1.16)	0.4031	0.88 (0.67 - 1.17)	0.3788
174 (44.7)	86 (22.1)	0.99 (0.87 - 1.14)	0.9035	1.00 (0.81 - 1.24)	0.9901
73 (18.7)	3 (0.8)	1.10 (0.86 - 1.40)	0.454	1.07 (0.83 - 1.38)	0.5939
197 (50.5)	73 (18.7)	1.02 (0.88 - 1.18)	0.8328	0.95 (0.77 - 1.18)	0.6645
61 (15.6)	2 (0.5)	1.14 (0.88 - 1.48)	0.3071	1.16 (0.88 - 1.52)	0.2952
85 (21.8)	10 (2.6)	0.94 (0.77 - 1.15)	0.5525	0.93 (0.74 - 1.18)	0.5575
195 (50.1)	74 (19.0)	1.02 (0.88 - 1.18)	0.8045	0.95 (0.77 - 1.18)	0.6545

64 (16.4)	7 (1.8)	0.91 (0.73 - 1.13)	0.3987	0.95 (0.74 - 1.23)	0.7174
181 (46.4)	69 (17.7)	1.00 (0.86 - 1.16)	0.9675	0.89 (0.72 - 1.09)	0.2636
142 (36.5)	28 (7.2)	1.05 (0.89 - 1.23)	0.5683	1.07 (0.87 - 1.30)	0.5334
175 (44.9)	59 (15.1)	1.01 (0.88 - 1.16)	0.8452	1.08 (0.88 - 1.32)	0.4743
179 (45.9)	109 (27.9)	1.03 (0.89 - 1.18)	0.7216	0.98 (0.78 - 1.23)	0.8445
165 (42.3)	41 (10.5)	1.05 (0.90 - 1.23)	0.5101	1.03 (0.84 - 1.26)	0.7759
56 (14.4)	4 (1.0)	0.88 (0.69 - 1.14)	0.3341	0.87 (0.66 - 1.14)	0.3092
42 (10.8)	1 (0.3)	0.95 (0.70 - 1.31)	0.7701	0.94 (0.68 - 1.29)	0.6873
53 (13.7)	1 (0.3)	0.93 (0.70 - 1.24)	0.6196	0.91 (0.68 - 1.22)	0.5504
41 (10.5)	1 (0.3)	1.03 (0.75 - 1.41)	0.8492	1.01 (0.74 - 1.40)	0.9357
145 (37.2)	33 (8.5)	1.07 (0.91 - 1.24)	0.4095	1.09 (0.89 - 1.33)	0.4238
138 (35.4)	23 (5.9)	0.88 (0.75 - 1.04)	0.1308	0.89 (0.72 - 1.09)	0.2569
42 (10.8)	1 (0.3)	0.94 (0.69 - 1.27)	0.6731	0.95 (0.69 - 1.31)	0.7655
137 (35.1)	21 (5.4)	1.02 (0.86 - 1.20)	0.8304	1.05 (0.86 - 1.29)	0.6337
30 (7.7)	1 (0.3)	1.52 (1.06 - 2.19)	0.0224	1.49 (1.03 - 2.16)	0.0346
168 (43.2)	61 (15.7)	1.07 (0.93 - 1.23)	0.3279	1.11 (0.91 - 1.36)	0.3072
61 (15.6)	6 (1.5)	1.16 (0.92 - 1.46)	0.2015	1.20 (0.92 - 1.57)	0.1725
73 (18.7)	2 (0.5)	0.89 (0.69 - 1.14)	0.3492	0.87 (0.68 - 1.13)	0.2999
184 (47.2)	90 (23.1)	1.00 (0.87 - 1.14)	0.9787	1.02 (0.82 - 1.27)	0.8303
112 (28.8)	13 (3.3)	0.98 (0.81 - 1.18)	0.7997	0.94 (0.75 - 1.16)	0.545
132 (33.9)	20 (5.1)	1.08 (0.91 - 1.29)	0.3629	1.07 (0.87 - 1.31)	0.5401
143 (36.7)	27 (6.9)	1.12 (0.95 - 1.31)	0.1922	1.09 (0.89 - 1.33)	0.4083
140 (35.9)	31 (7.9)	0.99 (0.84 - 1.16)	0.8887	0.95 (0.78 - 1.16)	0.6315
144 (36.9)	35 (9.0)	1.08 (0.93 - 1.25)	0.3306	1.15 (0.94 - 1.40)	0.1779
167 (42.8)	55 (14.1)	0.99 (0.86 - 1.14)	0.9386	1.03 (0.84 - 1.26)	0.7776
31 (7.9)	2 (0.5)	1.23 (0.88 - 1.72)	0.2227	1.21 (0.85 - 1.73)	0.296
186 (47.7)	74 (19.0)	0.89 (0.78 - 1.03)	0.1144	0.87 (0.70 - 1.07)	0.186
148 (37.9)	34 (8.7)	0.92 (0.80 - 1.07)	0.2957	0.96 (0.79 - 1.17)	0.6926
138 (35.5)	13 (3.3)	1.03 (0.87 - 1.22)	0.7235	1.10 (0.89 - 1.34)	0.3849
113 (29.0)	13 (3.3)	0.95 (0.79 - 1.15)	0.6245	0.92 (0.75 - 1.14)	0.4674
146 (37.5)	19 (4.9)	0.93 (0.78 - 1.11)	0.4445	0.88 (0.72 - 1.08)	0.2113
131 (33.7)	18 (4.6)	0.97 (0.82 - 1.15)	0.7369	0.98 (0.80 - 1.21)	0.8598
104 (26.9)	10 (2.6)	1.07 (0.88 - 1.29)	0.5029	1.08 (0.87 - 1.35)	0.4848
103 (26.5)	15 (3.9)	1.02 (0.85 - 1.22)	0.8465	1.00 (0.81 - 1.25)	0.9776
32 (8.2)	0 (0.0)	1.12 (0.78 - 1.61)	0.5333	1.12 (0.78 - 1.61)	0.5333
50 (12.8)	3 (0.8)	1.03 (0.80 - 1.33)	0.8076	1.12 (0.84 - 1.50)	0.448

AAO_Women Recessive Model HR (95%CI)	AAO_Women Recessive P-value
1.28 (0.97 - 1.69)	0.0769
1.16 (0.89 - 1.51)	0.2675
0.59 (0.15 - 2.36)	0.4532
(-)	--
1.04 (0.81 - 1.33)	0.7548
0.91 (0.69 - 1.19)	0.4823
0.84 (0.65 - 1.09)	0.1871
0.82 (0.34 - 1.99)	0.6572
1.26 (0.96 - 1.67)	0.0982
0.84 (0.65 - 1.09)	0.1871
1.66 (0.53 - 5.18)	0.3821
0.81 (0.34 - 1.96)	0.6432
1.17 (0.29 - 4.70)	0.8248
1.40 (0.90 - 2.18)	0.1334
1.50 (0.67 - 3.36)	0.3275
1.78 (0.97 - 3.24)	0.0618
0.89 (0.54 - 1.47)	0.653
1.04 (0.71 - 1.52)	0.8338
1.63 (1.03 - 2.56)	0.0354
1.15 (0.91 - 1.44)	0.2418
7.83 (1.93 - 31.85)	0.004
1.02 (0.80 - 1.30)	0.8682
1.43 (0.53 - 3.83)	0.4784
0.95 (0.73 - 1.23)	0.688
0.79 (0.51 - 1.23)	0.307
1.37 (0.79 - 2.39)	0.2625
0.92 (0.68 - 1.24)	0.5837
1.61 (0.99 - 2.62)	0.0573
0.93 (0.63 - 1.37)	0.7077
1.11 (0.87 - 1.40)	0.4051
0.93 (0.70 - 1.23)	0.6008
1.37 (0.57 - 3.31)	0.4852
1.32 (0.94 - 1.85)	0.1053
1.67 (0.94 - 2.98)	0.0819
1.02 (0.63 - 1.63)	0.944
1.68 (0.79 - 3.55)	0.1774
0.67 (0.25 - 1.81)	0.4322
4.76 (1.51 - 14.99)	0.0076
1.96 (0.73 - 5.26)	0.1826
(-)	--
1.24 (0.40 - 3.87)	0.7116
1.11 (0.78 - 1.60)	0.5581
1.49 (0.84 - 2.66)	0.1724
1.21 (0.93 - 1.57)	0.1513
1.29 (1.01 - 1.64)	0.0438
0.93 (0.63 - 1.38)	0.7258
0.86 (0.61 - 1.21)	0.3872
1.72 (0.71 - 4.17)	0.2298

1.33 (0.78 - 2.27)	0.3023
1.04 (0.72 - 1.48)	0.8461
0.92 (0.58 - 1.46)	0.7257
1.64 (1.04 - 2.59)	0.0317
1.07 (0.76 - 1.50)	0.7019
0.93 (0.73 - 1.19)	0.5674
0.93 (0.61 - 1.40)	0.7202
1.99 (0.94 - 4.23)	0.0722
1.63 (0.84 - 3.17)	0.1491
0.77 (0.54 - 1.09)	0.1384
0.54 (0.14 - 2.19)	0.3907
0.85 (0.61 - 1.19)	0.3459
0.54 (0.14 - 2.19)	0.3906
1.50 (0.74 - 3.02)	0.2622
0.75 (0.54 - 1.05)	0.0912
1.59 (0.59 - 4.27)	0.3558
0.88 (0.49 - 1.56)	0.6581
3.80 (1.68 - 8.58)	0.0013
0.94 (0.74 - 1.18)	0.5717
1.22 (0.90 - 1.67)	0.2062
0.98 (0.76 - 1.26)	0.8683
1.35 (0.83 - 2.20)	0.2236
1.14 (0.81 - 1.62)	0.4538
0.78 (0.53 - 1.15)	0.2073
1.30 (0.85 - 1.99)	0.218
1.07 (0.51 - 2.26)	0.8608
2.37 (1.22 - 4.63)	0.0112
0.95 (0.13 - 6.74)	0.9561
0.78 (0.51 - 1.18)	0.234
0.94 (0.69 - 1.27)	0.6741
0.97 (0.63 - 1.51)	0.9086
1.17 (0.73 - 1.85)	0.5133
1.70 (0.42 - 6.85)	0.454
0.96 (0.70 - 1.31)	0.7932
1.00 (0.25 - 4.03)	0.9964
1.10 (0.79 - 1.54)	0.57
1.66 (0.23 - 11.85)	0.6132
3.39 (0.84 - 13.71)	0.0862
3.56 (0.88 - 14.37)	0.075
0.97 (0.36 - 2.60)	0.9505
(-)	--
0.85 (0.38 - 1.90)	0.6875
3.06 (1.67 - 5.61)	0.0003
1.27 (0.57 - 2.84)	0.5633
1.97 (0.88 - 4.43)	0.1011
1.38 (0.71 - 2.68)	0.3359
0.93 (0.35 - 2.50)	0.8866
0.97 (0.76 - 1.24)	0.8218
2.53 (0.80 - 7.93)	0.1122
1.12 (0.87 - 1.45)	0.3692
1.10 (0.27 - 4.42)	0.8947
0.91 (0.49 - 1.71)	0.7776
1.14 (0.88 - 1.46)	0.3285

0.56 (0.27 - 1.19)	0.1308
1.23 (0.95 - 1.60)	0.1186
1.04 (0.71 - 1.53)	0.8432
0.92 (0.70 - 1.22)	0.5649
1.09 (0.87 - 1.36)	0.4372
1.18 (0.85 - 1.63)	0.3234
0.93 (0.34 - 2.48)	0.8778
3.03 (0.42 - 21.72)	0.2694
3.02 (0.42 - 21.65)	0.2708
3.03 (0.42 - 21.72)	0.2694
1.09 (0.76 - 1.56)	0.6255
0.73 (0.47 - 1.11)	0.14
0.51 (0.07 - 3.64)	0.5024
0.91 (0.58 - 1.41)	0.6636
7.79 (1.08 - 56.30)	0.0418
1.08 (0.82 - 1.42)	0.6022
1.12 (0.50 - 2.51)	0.7885
1.43 (0.36 - 5.74)	0.6139
0.97 (0.76 - 1.23)	0.7818
1.30 (0.75 - 2.26)	0.3499
1.29 (0.82 - 2.03)	0.2616
1.39 (0.94 - 2.06)	0.0989
1.12 (0.77 - 1.61)	0.5578
0.98 (0.69 - 1.39)	0.9259
0.92 (0.69 - 1.23)	0.5854
2.40 (0.60 - 9.66)	0.2187
0.85 (0.66 - 1.10)	0.2072
0.74 (0.52 - 1.06)	0.1021
0.74 (0.43 - 1.29)	0.2945
1.14 (0.66 - 1.98)	0.641
1.24 (0.78 - 1.97)	0.3532
0.88 (0.55 - 1.42)	0.607
1.06 (0.57 - 1.99)	0.8526
1.14 (0.68 - 1.91)	0.6165
(-)	--
0.48 (0.15 - 1.52)	0.2129