

Table 1 Conditional Probability of Onset for an Individual with 36 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.02)	0 (0-0.03)	0 (0-0.05)			
1	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)	0.01 (0-0.05)			
2	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)	0.01 (0-0.05)			
3	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)	0.01 (0-0.05)			
4	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)	0.01 (0-0.06)			
5	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)	0.01 (0-0.06)			
6	0 (0-0)	0 (0-0.01)	0 (0-0.02)	0 (0-0.02)	0 (0-0.03)	0 (0-0.05)	0.01 (0-0.06)			
7	0 (0-0)	0 (0-0.01)	0 (0-0.02)	0 (0-0.02)	0 (0-0.04)	0.01 (0-0.05)	0.01 (0-0.06)			
8	0 (0-0)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)	0.01 (0-0.05)	0.01 (0-0.07)			
9	0 (0-0)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)	0.01 (0-0.05)	0.01 (0-0.07)			
10	0 (0-0)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)	0.01 (0-0.06)	0.01 (0-0.07)			
11	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)	0.01 (0-0.06)	0.01 (0-0.08)			
12	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0.01 (0-0.04)	0.01 (0-0.06)	0.01 (0-0.08)			
13	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0.01 (0-0.05)	0.01 (0-0.06)	0.01 (0-0.08)			
14	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0.01 (0-0.05)	0.01 (0-0.07)	0.02 (0-0.09)			
15	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.04)	0.01 (0-0.05)	0.01 (0-0.07)	0.02 (0-0.09)			
16	0 (0-0.01)	0 (0-0.01)	0 (0-0.03)	0 (0-0.04)	0.01 (0-0.05)	0.01 (0-0.07)	0.02 (0-0.10)			
17	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)	0.01 (0-0.06)	0.01 (0-0.08)	0.02 (0-0.10)			
18	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0.01 (0-0.04)	0.01 (0-0.06)	0.01 (0-0.08)	0.02 (0-0.11)			
19	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0.01 (0-0.04)	0.01 (0-0.06)	0.02 (0-0.08)	0.02 (0-0.11)			
20	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0.01 (0-0.05)	0.01 (0-0.07)	0.02 (0-0.09)	0.03 (0.01-0.12)			
21	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0.01 (0-0.05)	0.01 (0-0.07)	0.02 (0-0.09)	0.03 (0.01-0.12)			
22	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0.01 (0-0.05)	0.01 (0-0.07)	0.02 (0-0.10)	0.03 (0.01-0.13)			
23	0 (0-0.01)	0 (0-0.02)	0 (0-0.04)	0.01 (0-0.05)	0.01 (0-0.08)	0.02 (0-0.10)	0.03 (0.01-0.13)			
24	0 (0-0.01)	0 (0-0.02)	0.01 (0-0.04)	0.01 (0-0.06)	0.01 (0-0.08)	0.02 (0-0.11)	0.04 (0.01-0.14)			
25	0 (0-0.01)	0 (0-0.02)	0.01 (0-0.04)	0.01 (0-0.06)	0.02 (0-0.08)	0.03 (0.01-0.11)	0.04 (0.01-0.15)			
26	0 (0-0.01)	0 (0-0.02)	0.01 (0-0.04)	0.01 (0-0.06)	0.02 (0-0.09)	0.03 (0.01-0.12)	0.04 (0.01-0.15)			
27	0 (0-0.01)	0 (0-0.03)	0.01 (0-0.04)	0.01 (0-0.06)	0.02 (0-0.09)	0.03 (0.01-0.12)	0.05 (0.01-0.16)			

Current age (years)	Conditional Probability (95% CI) within						
	5 years	10 years	15 years	20 years	25 years	30 years	35 years
28	0 (0-0.01)	0 (0-0.03)	0.01 (0-0.05)	0.01 (0-0.07)	0.02 (0-0.10)	0.03 (0.01-0.13)	0.05 (0.01-0.17)
29	0 (0-0.01)	0 (0-0.03)	0.01 (0-0.05)	0.01 (0-0.07)	0.02 (0-0.10)	0.04 (0.01-0.13)	0.06 (0.02-0.18)
30	0 (0-0.01)	0 (0-0.03)	0.01 (0-0.05)	0.01 (0-0.07)	0.02 (0.01-0.10)	0.04 (0.01-0.14)	0.06 (0.02-0.18)
31	0 (0-0.01)	0 (0-0.03)	0.01 (0-0.05)	0.02 (0-0.08)	0.03 (0.01-0.11)	0.04 (0.01-0.15)	0.07 (0.02-0.19)
32	0 (0-0.01)	0.01 (0-0.03)	0.01 (0-0.06)	0.02 (0-0.08)	0.03 (0.01-0.11)	0.05 (0.01-0.15)	0.07 (0.02-0.20)
33	0 (0-0.02)	0.01 (0-0.03)	0.01 (0-0.06)	0.02 (0-0.09)	0.03 (0.01-0.12)	0.05 (0.01-0.16)	0.08 (0.03-0.21)
34	0 (0-0.02)	0.01 (0-0.04)	0.01 (0-0.06)	0.02 (0-0.09)	0.03 (0.01-0.13)	0.06 (0.02-0.17)	0.09 (0.03-0.22)
35	0 (0-0.02)	0.01 (0-0.04)	0.01 (0-0.06)	0.02 (0.01-0.09)	0.04 (0.01-0.13)	0.06 (0.02-0.18)	0.09 (0.03-0.23)
36	0 (0-0.02)	0.01 (0-0.04)	0.01 (0-0.07)	0.03 (0.01-0.10)	0.04 (0.01-0.14)	0.07 (0.02-0.18)	0.10 (0.04-0.24)
37	0 (0-0.02)	0.01 (0-0.04)	0.02 (0-0.07)	0.03 (0.01-0.10)	0.04 (0.01-0.14)	0.07 (0.02-0.19)	0.11 (0.04-0.25)
38	0 (0-0.02)	0.01 (0-0.04)	0.02 (0-0.07)	0.03 (0.01-0.11)	0.05 (0.01-0.15)	0.08 (0.03-0.20)	0.12 (0.05-0.26)
39	0 (0-0.02)	0.01 (0-0.05)	0.02 (0-0.08)	0.03 (0.01-0.11)	0.05 (0.02-0.16)	0.08 (0.03-0.21)	0.13 (0.05-0.27)
40	0 (0-0.02)	0.01 (0-0.05)	0.02 (0-0.08)	0.04 (0.01-0.12)	0.06 (0.02-0.16)	0.09 (0.03-0.22)	0.14 (0.06-0.28)
41	0 (0-0.02)	0.01 (0-0.05)	0.02 (0.01-0.08)	0.04 (0.01-0.12)	0.06 (0.02-0.17)	0.10 (0.04-0.23)	0.15 (0.07-0.29)
42	0 (0-0.02)	0.01 (0-0.05)	0.02 (0.01-0.09)	0.04 (0.01-0.13)	0.07 (0.02-0.18)	0.11 (0.04-0.24)	0.16 (0.08-0.30)
43	0.01 (0-0.03)	0.01 (0-0.06)	0.03 (0.01-0.09)	0.05 (0.01-0.14)	0.07 (0.03-0.19)	0.11 (0.05-0.25)	0.17 (0.08-0.32)
44	0.01 (0-0.03)	0.01 (0-0.06)	0.03 (0.01-0.10)	0.05 (0.02-0.14)	0.08 (0.03-0.20)	0.12 (0.05-0.26)	0.18 (0.09-0.33)
45	0.01 (0-0.03)	0.02 (0-0.06)	0.03 (0.01-0.10)	0.05 (0.02-0.15)	0.09 (0.03-0.20)	0.13 (0.06-0.27)	0.20 (0.10-0.34)
46	0.01 (0-0.03)	0.02 (0-0.06)	0.03 (0.01-0.11)	0.06 (0.02-0.16)	0.09 (0.04-0.21)	0.14 (0.07-0.28)	0.21 (0.11-0.36)
47	0.01 (0-0.03)	0.02 (0.01-0.07)	0.04 (0.01-0.11)	0.06 (0.02-0.16)	0.10 (0.04-0.22)	0.15 (0.08-0.29)	0.23 (0.13-0.37)
48	0.01 (0-0.03)	0.02 (0.01-0.07)	0.04 (0.01-0.12)	0.07 (0.03-0.17)	0.11 (0.05-0.23)	0.17 (0.08-0.30)	0.24 (0.14-0.39)
49	0.01 (0-0.03)	0.02 (0.01-0.07)	0.04 (0.01-0.12)	0.07 (0.03-0.18)	0.12 (0.05-0.24)	0.18 (0.09-0.32)	0.26 (0.15-0.40)
50	0.01 (0-0.04)	0.03 (0.01-0.08)	0.05 (0.02-0.13)	0.08 (0.03-0.19)	0.13 (0.06-0.25)	0.19 (0.10-0.33)	0.28 (0.17-0.42)
51	0.01 (0-0.04)	0.03 (0.01-0.08)	0.05 (0.02-0.13)	0.09 (0.04-0.19)	0.14 (0.07-0.26)	0.21 (0.11-0.34)	0.29 (0.18-0.44)
52	0.01 (0-0.04)	0.03 (0.01-0.09)	0.06 (0.02-0.14)	0.09 (0.04-0.20)	0.15 (0.07-0.28)	0.22 (0.13-0.36)	0.31 (0.20-0.45)
53	0.01 (0-0.04)	0.03 (0.01-0.09)	0.06 (0.02-0.15)	0.10 (0.05-0.21)	0.16 (0.08-0.29)	0.24 (0.14-0.37)	0.33 (0.21-0.47)
54	0.01 (0-0.04)	0.03 (0.01-0.09)	0.07 (0.03-0.15)	0.11 (0.05-0.22)	0.17 (0.09-0.30)	0.25 (0.15-0.39)	0.35 (0.23-0.49)
55	0.02 (0.01-0.04)	0.04 (0.01-0.10)	0.07 (0.03-0.16)	0.12 (0.06-0.23)	0.18 (0.10-0.31)	0.27 (0.16-0.41)	0.37 (0.25-0.51)
56	0.02 (0.01-0.05)	0.04 (0.02-0.10)	0.08 (0.03-0.17)	0.13 (0.06-0.24)	0.20 (0.11-0.33)	0.29 (0.18-0.42)	0.39 (0.27-0.53)

Current age (years)	Conditional Probability (95% CI) within							
	5 years	10 years	15 years	20 years	25 years	30 years	35 years	
57	0.02 (0.01-0.05)	0.04 (0.02-0.11)	0.08 (0.04-0.17)	0.14 (0.07-0.25)	0.21 (0.12-0.34)	0.30 (0.19-0.44)	0.41 (0.28-0.55)	
58	0.02 (0.01-0.05)	0.05 (0.02-0.11)	0.09 (0.04-0.18)	0.15 (0.08-0.26)	0.23 (0.13-0.35)	0.32 (0.21-0.46)	0.43 (0.30-0.57)	
59	0.02 (0.01-0.05)	0.05 (0.02-0.12)	0.10 (0.05-0.19)	0.16 (0.09-0.27)	0.24 (0.15-0.37)	0.34 (0.23-0.48)	0.45 (0.32-0.59)	
60	0.02 (0.01-0.06)	0.06 (0.03-0.12)	0.11 (0.05-0.20)	0.17 (0.10-0.29)	0.26 (0.16-0.39)	0.36 (0.24-0.50)	0.47 (0.33-0.62)	
61	0.03 (0.01-0.06)	0.06 (0.03-0.13)	0.11 (0.06-0.21)	0.18 (0.11-0.30)	0.27 (0.17-0.40)	0.38 (0.26-0.52)	0.49 (0.35-0.64)	
62	0.03 (0.01-0.06)	0.07 (0.03-0.13)	0.12 (0.07-0.22)	0.20 (0.12-0.31)	0.29 (0.19-0.42)	0.40 (0.28-0.54)	0.51 (0.37-0.66)	
63	0.03 (0.01-0.07)	0.07 (0.04-0.14)	0.13 (0.07-0.23)	0.21 (0.13-0.33)	0.31 (0.20-0.44)	0.42 (0.29-0.56)	0.54 (0.38-0.68)	
64	0.03 (0.01-0.07)	0.08 (0.04-0.15)	0.14 (0.08-0.24)	0.22 (0.14-0.34)	0.33 (0.22-0.46)	0.44 (0.31-0.58)	0.56 (0.40-0.70)	
65	0.03 (0.02-0.07)	0.08 (0.04-0.15)	0.15 (0.09-0.25)	0.24 (0.15-0.36)	0.34 (0.23-0.48)	0.46 (0.32-0.60)	0.58 (0.42-0.72)	
66	0.04 (0.02-0.08)	0.09 (0.05-0.16)	0.16 (0.10-0.26)	0.25 (0.16-0.37)	0.36 (0.25-0.50)	0.48 (0.34-0.63)	0.60 (0.43-0.74)	
67	0.04 (0.02-0.08)	0.10 (0.05-0.17)	0.17 (0.11-0.27)	0.27 (0.18-0.39)	0.38 (0.26-0.52)	0.50 (0.35-0.65)	0.62 (0.44-0.76)	
68	0.04 (0.02-0.08)	0.11 (0.06-0.18)	0.19 (0.12-0.29)	0.29 (0.19-0.41)	0.40 (0.28-0.54)	0.52 (0.37-0.67)	0.64 (0.46-0.78)	
69	0.05 (0.03-0.09)	0.11 (0.07-0.19)	0.20 (0.13-0.30)	0.30 (0.20-0.43)	0.42 (0.29-0.56)	0.54 (0.38-0.69)	0.65 (0.47-0.80)	
70	0.05 (0.03-0.09)	0.12 (0.07-0.20)	0.21 (0.14-0.31)	0.32 (0.22-0.45)	0.44 (0.31-0.58)	0.56 (0.40-0.71)	0.67 (0.49-0.82)	
71	0.06 (0.03-0.10)	0.13 (0.08-0.21)	0.23 (0.15-0.33)	0.34 (0.23-0.47)	0.46 (0.32-0.61)	0.58 (0.41-0.73)	0.69 (0.50-0.83)	
72	0.06 (0.03-0.10)	0.14 (0.09-0.22)	0.24 (0.16-0.35)	0.36 (0.24-0.49)	0.48 (0.33-0.63)	0.60 (0.43-0.75)	0.71 (0.51-0.85)	
73	0.06 (0.04-0.11)	0.15 (0.09-0.23)	0.25 (0.17-0.36)	0.37 (0.26-0.51)	0.50 (0.35-0.65)	0.62 (0.44-0.77)	0.72 (0.52-0.86)	
74	0.07 (0.04-0.11)	0.16 (0.10-0.24)	0.27 (0.18-0.38)	0.39 (0.27-0.53)	0.52 (0.36-0.67)	0.64 (0.45-0.79)	0.74 (0.53-0.87)	
75	0.07 (0.05-0.12)	0.17 (0.11-0.25)	0.28 (0.19-0.40)	0.41 (0.28-0.55)	0.54 (0.37-0.69)	0.65 (0.46-0.81)	0.75 (0.55-0.88)	
76	0.08 (0.05-0.12)	0.18 (0.12-0.27)	0.30 (0.20-0.42)	0.43 (0.29-0.58)	0.56 (0.39-0.72)	0.67 (0.47-0.82)	0.77 (0.56-0.89)	
77	0.08 (0.05-0.13)	0.19 (0.13-0.28)	0.32 (0.21-0.44)	0.45 (0.30-0.60)	0.57 (0.40-0.73)	0.69 (0.49-0.84)	0.78 (0.57-0.90)	
78	0.09 (0.06-0.14)	0.20 (0.13-0.30)	0.33 (0.22-0.46)	0.47 (0.32-0.62)	0.59 (0.41-0.75)	0.70 (0.50-0.85)	0.79 (0.58-0.91)	
79	0.10 (0.06-0.15)	0.21 (0.14-0.31)	0.35 (0.23-0.48)	0.48 (0.33-0.64)	0.61 (0.42-0.77)	0.72 (0.51-0.86)	0.80 (0.59-0.92)	
80	0.10 (0.07-0.16)	0.23 (0.15-0.33)	0.36 (0.24-0.51)	0.50 (0.34-0.66)	0.63 (0.43-0.79)	0.73 (0.52-0.87)	0.81 (0.60-0.93)	
81	0.11 (0.07-0.17)	0.24 (0.16-0.35)	0.38 (0.25-0.53)	0.52 (0.35-0.68)	0.64 (0.44-0.80)	0.74 (0.53-0.88)	0.82 (0.60-0.93)	
82	0.12 (0.08-0.18)	0.25 (0.16-0.37)	0.40 (0.26-0.55)	0.54 (0.36-0.70)	0.66 (0.45-0.82)	0.76 (0.54-0.89)	0.83 (0.61-0.94)	
83	0.12 (0.08-0.19)	0.26 (0.17-0.38)	0.41 (0.27-0.57)	0.55 (0.37-0.72)	0.67 (0.46-0.83)	0.77 (0.55-0.90)	0.84 (0.62-0.95)	
84	0.13 (0.08-0.20)	0.28 (0.18-0.40)	0.43 (0.28-0.59)	0.57 (0.38-0.74)	0.69 (0.47-0.84)	0.78 (0.56-0.91)	0.85 (0.63-0.95)	
85	0.14 (0.09-0.21)	0.29 (0.19-0.42)	0.44 (0.29-0.61)	0.58 (0.39-0.76)	0.70 (0.48-0.86)	0.79 (0.56-0.92)	0.86 (0.64-0.95)	

Current age (years)	Conditional Probability (95% CI) within						
	5 years	10 years	15 years	20 years	25 years	30 years	35 years
86	0.15 (0.09-0.22)	0.30 (0.19-0.44)	0.46 (0.30-0.63)	0.60 (0.40-0.77)	0.71 (0.49-0.87)	0.80 (0.57-0.92)	0.87 (0.65-0.96)
87	0.15 (0.10-0.23)	0.32 (0.20-0.46)	0.47 (0.31-0.65)	0.61 (0.41-0.79)	0.73 (0.50-0.88)	0.81 (0.58-0.93)	0.87 (0.65-0.96)
88	0.16 (0.10-0.25)	0.33 (0.21-0.48)	0.49 (0.31-0.67)	0.63 (0.41-0.80)	0.74 (0.51-0.88)	0.82 (0.59-0.94)	0.88 (0.66-0.96)
89	0.17 (0.10-0.26)	0.34 (0.21-0.50)	0.50 (0.32-0.68)	0.64 (0.42-0.81)	0.75 (0.52-0.89)	0.83 (0.60-0.94)	0.89 (0.67-0.97)
90	0.18 (0.11-0.27)	0.35 (0.22-0.52)	0.52 (0.33-0.70)	0.65 (0.43-0.82)	0.76 (0.52-0.90)	0.84 (0.60-0.94)	0.89 (0.67-0.97)
91	0.18 (0.11-0.29)	0.37 (0.23-0.53)	0.53 (0.34-0.71)	0.66 (0.44-0.83)	0.77 (0.53-0.91)	0.84 (0.61-0.95)	0.90 (0.68-0.97)
92	0.19 (0.12-0.30)	0.38 (0.23-0.55)	0.54 (0.35-0.73)	0.68 (0.45-0.84)	0.78 (0.54-0.91)	0.85 (0.62-0.95)	0.90 (0.69-0.97)
93	0.20 (0.12-0.31)	0.39 (0.24-0.57)	0.56 (0.35-0.74)	0.69 (0.46-0.85)	0.79 (0.55-0.92)	0.86 (0.63-0.95)	0.90 (0.69-0.98)
94	0.21 (0.12-0.33)	0.40 (0.25-0.58)	0.57 (0.36-0.75)	0.70 (0.46-0.86)	0.79 (0.55-0.92)	0.86 (0.63-0.96)	0.91 (0.70-0.98)
95	0.22 (0.13-0.34)	0.41 (0.25-0.59)	0.58 (0.37-0.76)	0.71 (0.47-0.87)	0.80 (0.56-0.93)	0.87 (0.64-0.96)	0.91 (0.71-0.98)

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
28	0 (0-0.01)	0.01 (0-0.02)	0.01 (0-0.04)	0.02 (0.01-0.07)	0.03 (0.01-0.10)	0.06 (0.02-0.14)	0.09 (0.04-0.20)			
29	0 (0-0.01)	0.01 (0-0.03)	0.01 (0-0.05)	0.02 (0.01-0.07)	0.04 (0.01-0.11)	0.06 (0.02-0.15)	0.10 (0.04-0.21)			
30	0 (0-0.01)	0.01 (0-0.03)	0.01 (0-0.05)	0.02 (0.01-0.08)	0.04 (0.01-0.11)	0.07 (0.03-0.16)	0.11 (0.05-0.22)			
31	0 (0-0.01)	0.01 (0-0.03)	0.01 (0-0.05)	0.03 (0.01-0.08)	0.04 (0.02-0.12)	0.07 (0.03-0.17)	0.12 (0.06-0.23)			
32	0 (0-0.01)	0.01 (0-0.03)	0.02 (0-0.05)	0.03 (0.01-0.09)	0.05 (0.02-0.13)	0.08 (0.03-0.18)	0.13 (0.06-0.25)			
33	0 (0-0.01)	0.01 (0-0.03)	0.02 (0-0.06)	0.03 (0.01-0.09)	0.05 (0.02-0.13)	0.09 (0.04-0.19)	0.14 (0.07-0.26)			
34	0 (0-0.01)	0.01 (0-0.04)	0.02 (0.01-0.06)	0.03 (0.01-0.10)	0.06 (0.02-0.14)	0.10 (0.04-0.20)	0.16 (0.08-0.27)			
35	0 (0-0.02)	0.01 (0-0.04)	0.02 (0.01-0.07)	0.04 (0.01-0.10)	0.06 (0.03-0.15)	0.11 (0.05-0.21)	0.17 (0.09-0.29)			
36	0 (0-0.02)	0.01 (0-0.04)	0.02 (0.01-0.07)	0.04 (0.02-0.11)	0.07 (0.03-0.16)	0.12 (0.06-0.23)	0.18 (0.10-0.30)			
37	0 (0-0.02)	0.01 (0-0.04)	0.03 (0.01-0.07)	0.05 (0.02-0.12)	0.08 (0.03-0.17)	0.13 (0.06-0.24)	0.20 (0.12-0.32)			
38	0.01 (0-0.02)	0.01 (0-0.05)	0.03 (0.01-0.08)	0.05 (0.02-0.12)	0.09 (0.04-0.18)	0.14 (0.07-0.25)	0.22 (0.13-0.34)			
39	0.01 (0-0.02)	0.02 (0-0.05)	0.03 (0.01-0.08)	0.06 (0.02-0.13)	0.09 (0.04-0.19)	0.15 (0.08-0.27)	0.23 (0.14-0.36)			
40	0.01 (0-0.02)	0.02 (0.01-0.05)	0.03 (0.01-0.09)	0.06 (0.03-0.14)	0.10 (0.05-0.20)	0.17 (0.09-0.28)	0.25 (0.16-0.37)			
41	0.01 (0-0.02)	0.02 (0.01-0.06)	0.04 (0.01-0.10)	0.07 (0.03-0.15)	0.11 (0.06-0.21)	0.18 (0.10-0.30)	0.27 (0.18-0.39)			
42	0.01 (0-0.03)	0.02 (0.01-0.06)	0.04 (0.02-0.10)	0.07 (0.03-0.16)	0.12 (0.06-0.23)	0.20 (0.12-0.31)	0.29 (0.20-0.41)			
43	0.01 (0-0.03)	0.02 (0.01-0.06)	0.05 (0.02-0.11)	0.08 (0.04-0.17)	0.14 (0.07-0.24)	0.21 (0.13-0.33)	0.31 (0.21-0.43)			
44	0.01 (0-0.03)	0.03 (0.01-0.07)	0.05 (0.02-0.12)	0.09 (0.04-0.18)	0.15 (0.08-0.25)	0.23 (0.14-0.35)	0.34 (0.23-0.46)			
45	0.01 (0-0.03)	0.03 (0.01-0.07)	0.06 (0.02-0.12)	0.10 (0.05-0.19)	0.16 (0.09-0.27)	0.25 (0.16-0.36)	0.36 (0.26-0.48)			
46	0.01 (0-0.03)	0.03 (0.01-0.08)	0.06 (0.03-0.13)	0.11 (0.05-0.20)	0.17 (0.10-0.28)	0.27 (0.18-0.38)	0.38 (0.28-0.50)			
47	0.01 (0-0.03)	0.03 (0.01-0.08)	0.07 (0.03-0.14)	0.12 (0.06-0.21)	0.19 (0.11-0.30)	0.29 (0.19-0.40)	0.41 (0.30-0.53)			
48	0.01 (0.01-0.04)	0.04 (0.02-0.09)	0.07 (0.04-0.15)	0.13 (0.07-0.22)	0.21 (0.13-0.32)	0.31 (0.21-0.42)	0.43 (0.32-0.55)			
49	0.02 (0.01-0.04)	0.04 (0.02-0.09)	0.08 (0.04-0.16)	0.14 (0.08-0.24)	0.22 (0.14-0.33)	0.33 (0.23-0.45)	0.46 (0.34-0.58)			
50	0.02 (0.01-0.04)	0.05 (0.02-0.10)	0.09 (0.05-0.16)	0.15 (0.09-0.25)	0.24 (0.16-0.35)	0.35 (0.25-0.47)	0.48 (0.36-0.60)			
51	0.02 (0.01-0.04)	0.05 (0.02-0.10)	0.10 (0.05-0.17)	0.16 (0.10-0.26)	0.26 (0.17-0.37)	0.38 (0.27-0.49)	0.51 (0.39-0.63)			
52	0.02 (0.01-0.05)	0.05 (0.03-0.11)	0.11 (0.06-0.19)	0.18 (0.11-0.28)	0.28 (0.19-0.39)	0.40 (0.29-0.52)	0.53 (0.41-0.65)			
53	0.02 (0.01-0.05)	0.06 (0.03-0.12)	0.12 (0.06-0.20)	0.19 (0.12-0.29)	0.30 (0.21-0.41)	0.42 (0.31-0.54)	0.56 (0.43-0.68)			
54	0.03 (0.01-0.05)	0.07 (0.03-0.12)	0.13 (0.07-0.21)	0.21 (0.14-0.31)	0.32 (0.23-0.43)	0.45 (0.33-0.57)	0.58 (0.45-0.70)			
55	0.03 (0.01-0.06)	0.07 (0.04-0.13)	0.14 (0.08-0.22)	0.23 (0.15-0.33)	0.34 (0.24-0.45)	0.47 (0.36-0.59)	0.60 (0.47-0.72)			
56	0.03 (0.02-0.06)	0.08 (0.04-0.14)	0.15 (0.09-0.23)	0.24 (0.17-0.35)	0.36 (0.26-0.48)	0.50 (0.38-0.62)	0.63 (0.49-0.75)			

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
57	0.03 (0.02-0.07)	0.09 (0.05-0.15)	0.16 (0.10-0.25)	0.26 (0.18-0.36)	0.39 (0.28-0.50)	0.52 (0.40-0.64)	0.65 (0.51-0.77)			
58	0.04 (0.02-0.07)	0.09 (0.06-0.16)	0.17 (0.11-0.26)	0.28 (0.20-0.38)	0.41 (0.30-0.53)	0.54 (0.42-0.67)	0.67 (0.53-0.79)			
59	0.04 (0.02-0.07)	0.10 (0.06-0.17)	0.19 (0.12-0.28)	0.30 (0.21-0.41)	0.43 (0.32-0.55)	0.57 (0.44-0.69)	0.69 (0.54-0.81)			
60	0.04 (0.03-0.08)	0.11 (0.07-0.18)	0.20 (0.14-0.29)	0.32 (0.23-0.43)	0.46 (0.34-0.58)	0.59 (0.46-0.72)	0.71 (0.56-0.83)			
61	0.05 (0.03-0.08)	0.12 (0.08-0.19)	0.22 (0.15-0.31)	0.34 (0.25-0.45)	0.48 (0.36-0.60)	0.61 (0.47-0.74)	0.73 (0.58-0.84)			
62	0.05 (0.03-0.09)	0.13 (0.09-0.20)	0.24 (0.16-0.33)	0.36 (0.27-0.47)	0.50 (0.38-0.63)	0.64 (0.49-0.76)	0.75 (0.59-0.86)			
63	0.06 (0.04-0.09)	0.14 (0.09-0.21)	0.25 (0.18-0.35)	0.39 (0.28-0.50)	0.53 (0.40-0.65)	0.66 (0.51-0.78)	0.77 (0.61-0.87)			
64	0.06 (0.04-0.10)	0.15 (0.10-0.22)	0.27 (0.19-0.37)	0.41 (0.30-0.52)	0.55 (0.42-0.68)	0.68 (0.53-0.80)	0.78 (0.62-0.89)			
65	0.07 (0.04-0.11)	0.17 (0.11-0.24)	0.29 (0.21-0.39)	0.43 (0.32-0.55)	0.57 (0.43-0.70)	0.70 (0.54-0.82)	0.80 (0.64-0.90)			
66	0.08 (0.05-0.11)	0.18 (0.12-0.25)	0.31 (0.22-0.41)	0.45 (0.34-0.58)	0.59 (0.45-0.72)	0.72 (0.56-0.84)	0.81 (0.65-0.91)			
67	0.08 (0.05-0.12)	0.19 (0.14-0.27)	0.33 (0.24-0.43)	0.48 (0.35-0.60)	0.62 (0.47-0.75)	0.73 (0.57-0.85)	0.82 (0.66-0.92)			
68	0.09 (0.06-0.13)	0.21 (0.15-0.28)	0.35 (0.25-0.46)	0.50 (0.37-0.63)	0.64 (0.48-0.77)	0.75 (0.59-0.87)	0.84 (0.68-0.93)			
69	0.10 (0.07-0.14)	0.22 (0.16-0.30)	0.37 (0.27-0.48)	0.52 (0.39-0.65)	0.66 (0.50-0.79)	0.77 (0.60-0.88)	0.85 (0.69-0.93)			
70	0.10 (0.07-0.15)	0.24 (0.17-0.32)	0.39 (0.28-0.51)	0.54 (0.40-0.67)	0.68 (0.51-0.80)	0.78 (0.61-0.89)	0.86 (0.70-0.94)			
71	0.11 (0.08-0.16)	0.25 (0.18-0.34)	0.41 (0.30-0.53)	0.56 (0.42-0.70)	0.69 (0.53-0.82)	0.80 (0.63-0.90)	0.87 (0.71-0.95)			
72	0.12 (0.08-0.17)	0.27 (0.19-0.36)	0.43 (0.31-0.56)	0.58 (0.43-0.72)	0.71 (0.54-0.84)	0.81 (0.64-0.91)	0.88 (0.72-0.95)			
73	0.13 (0.09-0.18)	0.28 (0.20-0.38)	0.45 (0.32-0.58)	0.60 (0.44-0.74)	0.73 (0.55-0.85)	0.82 (0.65-0.92)	0.89 (0.73-0.96)			
74	0.14 (0.10-0.19)	0.30 (0.21-0.41)	0.47 (0.34-0.60)	0.62 (0.46-0.76)	0.74 (0.57-0.86)	0.83 (0.66-0.93)	0.89 (0.74-0.96)			
75	0.15 (0.10-0.21)	0.32 (0.22-0.43)	0.49 (0.35-0.63)	0.64 (0.47-0.78)	0.76 (0.58-0.87)	0.84 (0.67-0.93)	0.90 (0.75-0.97)			
76	0.16 (0.11-0.22)	0.33 (0.23-0.45)	0.51 (0.36-0.65)	0.65 (0.48-0.79)	0.77 (0.59-0.89)	0.85 (0.68-0.94)	0.91 (0.76-0.97)			
77	0.17 (0.12-0.24)	0.35 (0.24-0.47)	0.52 (0.37-0.67)	0.67 (0.50-0.81)	0.78 (0.60-0.90)	0.86 (0.69-0.94)	0.91 (0.77-0.97)			
78	0.18 (0.12-0.25)	0.37 (0.26-0.49)	0.54 (0.39-0.69)	0.69 (0.51-0.82)	0.79 (0.61-0.90)	0.87 (0.70-0.95)	0.92 (0.77-0.97)			
79	0.19 (0.13-0.27)	0.38 (0.27-0.51)	0.56 (0.40-0.71)	0.70 (0.52-0.83)	0.81 (0.62-0.91)	0.88 (0.71-0.95)	0.92 (0.78-0.98)			
80	0.20 (0.13-0.28)	0.40 (0.27-0.53)	0.57 (0.41-0.72)	0.71 (0.53-0.85)	0.82 (0.63-0.92)	0.88 (0.72-0.96)	0.93 (0.79-0.98)			
81	0.21 (0.14-0.30)	0.41 (0.28-0.55)	0.59 (0.42-0.74)	0.73 (0.54-0.86)	0.82 (0.64-0.92)	0.89 (0.73-0.96)	0.93 (0.80-0.98)			
82	0.22 (0.15-0.31)	0.43 (0.29-0.57)	0.60 (0.43-0.75)	0.74 (0.55-0.87)	0.83 (0.65-0.93)	0.90 (0.74-0.96)	0.94 (0.80-0.98)			
83	0.23 (0.15-0.33)	0.44 (0.30-0.59)	0.62 (0.44-0.77)	0.75 (0.56-0.87)	0.84 (0.66-0.93)	0.90 (0.74-0.97)	0.94 (0.81-0.98)			
84	0.24 (0.16-0.34)	0.46 (0.31-0.61)	0.63 (0.45-0.78)	0.76 (0.57-0.88)	0.85 (0.67-0.94)	0.91 (0.75-0.97)	0.94 (0.81-0.98)			
85	0.25 (0.16-0.36)	0.47 (0.32-0.62)	0.64 (0.46-0.79)	0.77 (0.58-0.89)	0.86 (0.68-0.94)	0.91 (0.76-0.97)	0.95 (0.82-0.99)			

Current age (years)	Conditional Probability (95% CI) within							
	5 years	10 years	15 years	20 years	25 years	30 years	35 years	
86	0.26 (0.17-0.37)	0.48 (0.33-0.64)	0.65 (0.47-0.80)	0.78 (0.59-0.90)	0.86 (0.69-0.95)	0.91 (0.76-0.97)	0.95 (0.82-0.99)	
87	0.27 (0.18-0.39)	0.49 (0.34-0.65)	0.67 (0.48-0.81)	0.79 (0.60-0.90)	0.87 (0.70-0.95)	0.92 (0.77-0.97)	0.95 (0.83-0.99)	
88	0.28 (0.18-0.40)	0.50 (0.35-0.66)	0.68 (0.49-0.82)	0.79 (0.61-0.91)	0.87 (0.70-0.95)	0.92 (0.78-0.98)	0.95 (0.83-0.99)	
89	0.28 (0.19-0.41)	0.52 (0.35-0.67)	0.68 (0.50-0.83)	0.80 (0.62-0.91)	0.88 (0.71-0.95)	0.92 (0.78-0.98)	0.95 (0.84-0.99)	
90	0.29 (0.19-0.42)	0.53 (0.36-0.68)	0.69 (0.51-0.83)	0.81 (0.62-0.91)	0.88 (0.72-0.96)	0.93 (0.79-0.98)	0.96 (0.84-0.99)	
91	0.30 (0.20-0.43)	0.53 (0.37-0.69)	0.70 (0.51-0.84)	0.81 (0.63-0.92)	0.88 (0.72-0.96)	0.93 (0.79-0.98)	0.96 (0.85-0.99)	
92	0.31 (0.20-0.44)	0.54 (0.38-0.70)	0.71 (0.52-0.84)	0.82 (0.64-0.92)	0.89 (0.73-0.96)	0.93 (0.80-0.98)	0.96 (0.85-0.99)	
93	0.32 (0.21-0.45)	0.55 (0.38-0.71)	0.72 (0.53-0.85)	0.82 (0.64-0.92)	0.89 (0.73-0.96)	0.93 (0.80-0.98)	0.96 (0.85-0.99)	
94	0.32 (0.21-0.46)	0.56 (0.39-0.72)	0.72 (0.54-0.85)	0.83 (0.65-0.93)	0.89 (0.74-0.96)	0.94 (0.81-0.98)	0.96 (0.86-0.99)	
95	0.33 (0.22-0.46)	0.57 (0.40-0.72)	0.73 (0.54-0.86)	0.83 (0.66-0.93)	0.90 (0.74-0.96)	0.94 (0.81-0.98)	0.96 (0.86-0.99)	

Table 3 Conditional Probability of Onset for an Individual with 38 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)			
1	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)			
2	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)			
3	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.04)			
4	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)			
5	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)			
6	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.05)			
7	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0.01-0.05)			
8	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.04)	0 (0.01-0.05)			
9	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.04)	0 (0.01-0.06)			
10	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)	0 (0.01-0.06)			
11	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.05)	0 (0.01-0.07)			
12	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0.01-0.05)	0 (0.01-0.08)			
13	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0.01-0.05)	0 (0.01-0.08)			
14	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.04)	0 (0.01-0.06)	0 (0.01-0.09)			
15	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.04)	0 (0.01-0.06)	0 (0.02-0.10)			
16	0 (0-0)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0-0.04)	0 (0.01-0.07)	0 (0.02-0.10)			
17	0 (0-0)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0.01-0.05)	0 (0.01-0.07)	0 (0.02-0.11)			
18	0 (0-0)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0.01-0.05)	0 (0.01-0.08)	0 (0.03-0.12)			
19	0 (0-0)	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0.01-0.06)	0 (0.01-0.09)	0 (0.03-0.13)			
20	0 (0-0)	0 (0-0.01)	0 (0-0.02)	0 (0-0.04)	0 (0.01-0.06)	0 (0.02-0.09)	0 (0.03-0.14)			
21	0 (0-0)	0 (0-0.01)	0 (0-0.02)	0 (0-0.04)	0 (0.01-0.07)	0 (0.02-0.10)	0 (0.04-0.15)			
22	0 (0-0.01)	0 (0-0.01)	0 (0-0.03)	0 (0.01-0.04)	0 (0.01-0.07)	0 (0.02-0.11)	0 (0.05-0.17)			
23	0 (0-0.01)	0 (0-0.01)	0 (0-0.03)	0 (0.01-0.05)	0 (0.01-0.08)	0 (0.03-0.12)	0 (0.05-0.18)			
24	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0.01-0.05)	0 (0.01-0.08)	0 (0.03-0.13)	0 (0.06-0.19)			
25	0 (0-0.01)	0 (0-0.02)	0 (0-0.03)	0 (0.01-0.06)	0 (0.02-0.09)	0 (0.03-0.14)	0 (0.07-0.21)			

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
26	0 (0-0.01)	0.01 (0-0.02)	0.01 (0-0.04)	0.02 (0.01-0.06)	0.04 (0.02-0.10)	0.08 (0.04-0.15)	0.14 (0.08-0.22)
27	0 (0-0.01)	0.01 (0-0.02)	0.01 (0-0.04)	0.03 (0.01-0.07)	0.05 (0.02-0.11)	0.09 (0.05-0.16)	0.15 (0.09-0.24)
28	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.04)	0.03 (0.01-0.07)	0.06 (0.03-0.12)	0.10 (0.05-0.18)	0.17 (0.10-0.26)
29	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.05)	0.03 (0.01-0.08)	0.06 (0.03-0.13)	0.11 (0.06-0.19)	0.18 (0.12-0.28)
30	0 (0-0.01)	0.01 (0-0.03)	0.02 (0.01-0.05)	0.04 (0.02-0.09)	0.07 (0.03-0.14)	0.12 (0.07-0.20)	0.20 (0.13-0.30)
31	0 (0-0.01)	0.01 (0-0.03)	0.02 (0.01-0.06)	0.04 (0.02-0.09)	0.08 (0.04-0.15)	0.13 (0.08-0.22)	0.22 (0.15-0.32)
32	0 (0-0.01)	0.01 (0-0.03)	0.02 (0.01-0.06)	0.05 (0.02-0.10)	0.09 (0.04-0.16)	0.15 (0.09-0.24)	0.24 (0.16-0.34)
33	0 (0-0.01)	0.01 (0-0.03)	0.03 (0.01-0.06)	0.05 (0.02-0.11)	0.10 (0.05-0.17)	0.16 (0.10-0.25)	0.26 (0.18-0.36)
34	0.01 (0-0.02)	0.01 (0.01-0.04)	0.03 (0.01-0.07)	0.06 (0.03-0.12)	0.11 (0.06-0.18)	0.18 (0.11-0.27)	0.29 (0.21-0.38)
35	0.01 (0-0.02)	0.02 (0.01-0.04)	0.03 (0.02-0.08)	0.07 (0.03-0.13)	0.12 (0.07-0.20)	0.20 (0.13-0.29)	0.31 (0.23-0.41)
36	0.01 (0-0.02)	0.02 (0.01-0.04)	0.04 (0.02-0.08)	0.07 (0.04-0.14)	0.13 (0.08-0.21)	0.22 (0.15-0.31)	0.34 (0.25-0.43)
37	0.01 (0-0.02)	0.02 (0.01-0.05)	0.04 (0.02-0.09)	0.08 (0.04-0.15)	0.14 (0.09-0.23)	0.24 (0.16-0.33)	0.36 (0.28-0.46)
38	0.01 (0-0.02)	0.02 (0.01-0.05)	0.05 (0.02-0.10)	0.09 (0.05-0.16)	0.16 (0.10-0.24)	0.26 (0.18-0.35)	0.39 (0.30-0.49)
39	0.01 (0-0.02)	0.03 (0.01-0.06)	0.05 (0.03-0.11)	0.10 (0.06-0.17)	0.18 (0.11-0.26)	0.28 (0.20-0.38)	0.42 (0.33-0.52)
40	0.01 (0-0.03)	0.03 (0.01-0.06)	0.06 (0.03-0.11)	0.11 (0.07-0.19)	0.19 (0.13-0.28)	0.31 (0.23-0.40)	0.45 (0.35-0.54)
41	0.01 (0.01-0.03)	0.03 (0.02-0.07)	0.07 (0.04-0.12)	0.12 (0.08-0.20)	0.21 (0.14-0.30)	0.33 (0.25-0.43)	0.48 (0.38-0.57)
42	0.01 (0.01-0.03)	0.04 (0.02-0.07)	0.08 (0.04-0.13)	0.14 (0.09-0.21)	0.23 (0.16-0.32)	0.36 (0.27-0.45)	0.50 (0.41-0.60)
43	0.01 (0.01-0.03)	0.04 (0.02-0.08)	0.08 (0.05-0.14)	0.15 (0.10-0.23)	0.25 (0.18-0.34)	0.39 (0.30-0.48)	0.53 (0.43-0.63)
44	0.02 (0.01-0.03)	0.05 (0.02-0.08)	0.09 (0.05-0.15)	0.17 (0.11-0.25)	0.28 (0.20-0.37)	0.41 (0.32-0.51)	0.56 (0.46-0.66)
45	0.02 (0.01-0.04)	0.05 (0.03-0.09)	0.10 (0.06-0.17)	0.18 (0.12-0.27)	0.30 (0.22-0.39)	0.44 (0.35-0.54)	0.59 (0.49-0.69)
46	0.02 (0.01-0.04)	0.06 (0.03-0.10)	0.11 (0.07-0.18)	0.20 (0.14-0.28)	0.32 (0.24-0.42)	0.47 (0.38-0.57)	0.62 (0.51-0.71)
47	0.02 (0.01-0.04)	0.06 (0.04-0.11)	0.13 (0.08-0.19)	0.22 (0.16-0.30)	0.35 (0.27-0.44)	0.50 (0.40-0.59)	0.64 (0.54-0.74)
48	0.03 (0.01-0.05)	0.07 (0.04-0.12)	0.14 (0.09-0.21)	0.24 (0.17-0.33)	0.38 (0.29-0.47)	0.53 (0.43-0.62)	0.67 (0.56-0.76)
49	0.03 (0.02-0.05)	0.08 (0.05-0.13)	0.15 (0.10-0.22)	0.26 (0.19-0.35)	0.40 (0.32-0.50)	0.56 (0.45-0.65)	0.70 (0.58-0.79)
50	0.03 (0.02-0.06)	0.09 (0.05-0.14)	0.17 (0.12-0.24)	0.29 (0.21-0.37)	0.43 (0.34-0.52)	0.58 (0.48-0.68)	0.72 (0.61-0.81)
51	0.04 (0.02-0.06)	0.10 (0.06-0.15)	0.19 (0.13-0.26)	0.31 (0.23-0.40)	0.46 (0.37-0.55)	0.61 (0.50-0.71)	0.74 (0.63-0.83)
52	0.04 (0.02-0.07)	0.11 (0.07-0.16)	0.20 (0.15-0.28)	0.33 (0.26-0.42)	0.49 (0.39-0.58)	0.64 (0.53-0.73)	0.76 (0.65-0.85)
53	0.04 (0.03-0.07)	0.12 (0.08-0.17)	0.22 (0.16-0.30)	0.36 (0.28-0.45)	0.51 (0.42-0.61)	0.66 (0.55-0.76)	0.78 (0.67-0.86)
54	0.05 (0.03-0.08)	0.13 (0.09-0.18)	0.24 (0.18-0.32)	0.39 (0.30-0.48)	0.54 (0.44-0.64)	0.69 (0.57-0.78)	0.80 (0.69-0.88)
55	0.06 (0.04-0.08)	0.14 (0.10-0.20)	0.26 (0.20-0.34)	0.41 (0.32-0.50)	0.57 (0.46-0.67)	0.71 (0.59-0.80)	0.82 (0.70-0.89)

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
56	0.06 (0.04-0.09)	0.15 (0.11-0.21)	0.28 (0.22-0.36)	0.44 (0.35-0.53)	0.60 (0.49-0.70)	0.73 (0.61-0.82)	0.83 (0.72-0.91)
57	0.07 (0.05-0.10)	0.17 (0.12-0.23)	0.31 (0.24-0.39)	0.46 (0.37-0.56)	0.62 (0.51-0.72)	0.75 (0.63-0.84)	0.85 (0.74-0.92)
58	0.07 (0.05-0.11)	0.19 (0.14-0.25)	0.33 (0.26-0.41)	0.49 (0.39-0.59)	0.65 (0.53-0.75)	0.77 (0.65-0.86)	0.86 (0.75-0.93)
59	0.08 (0.06-0.12)	0.20 (0.15-0.26)	0.35 (0.28-0.44)	0.52 (0.41-0.62)	0.67 (0.55-0.77)	0.79 (0.67-0.87)	0.87 (0.76-0.94)
60	0.09 (0.07-0.12)	0.22 (0.17-0.28)	0.38 (0.30-0.47)	0.54 (0.44-0.65)	0.69 (0.57-0.79)	0.81 (0.69-0.89)	0.88 (0.78-0.94)
61	0.10 (0.07-0.14)	0.24 (0.18-0.30)	0.40 (0.32-0.49)	0.57 (0.46-0.67)	0.71 (0.59-0.81)	0.82 (0.70-0.90)	0.89 (0.79-0.95)
62	0.11 (0.08-0.15)	0.26 (0.20-0.33)	0.43 (0.33-0.52)	0.59 (0.48-0.70)	0.73 (0.61-0.83)	0.84 (0.72-0.91)	0.90 (0.80-0.96)
63	0.12 (0.09-0.16)	0.27 (0.21-0.35)	0.45 (0.35-0.55)	0.62 (0.50-0.72)	0.75 (0.63-0.85)	0.85 (0.73-0.92)	0.91 (0.81-0.96)
64	0.13 (0.10-0.17)	0.29 (0.23-0.37)	0.47 (0.37-0.58)	0.64 (0.52-0.75)	0.77 (0.64-0.86)	0.86 (0.74-0.93)	0.92 (0.82-0.97)
65	0.14 (0.11-0.18)	0.31 (0.24-0.40)	0.50 (0.39-0.60)	0.66 (0.53-0.77)	0.79 (0.66-0.88)	0.87 (0.76-0.94)	0.93 (0.83-0.97)
66	0.15 (0.11-0.20)	0.34 (0.26-0.42)	0.52 (0.41-0.63)	0.68 (0.55-0.79)	0.80 (0.67-0.89)	0.88 (0.77-0.94)	0.93 (0.84-0.97)
67	0.16 (0.12-0.21)	0.36 (0.27-0.45)	0.54 (0.43-0.66)	0.70 (0.57-0.81)	0.82 (0.69-0.90)	0.89 (0.78-0.95)	0.94 (0.85-0.98)
68	0.18 (0.13-0.23)	0.38 (0.29-0.47)	0.57 (0.44-0.68)	0.72 (0.59-0.82)	0.83 (0.70-0.91)	0.90 (0.79-0.95)	0.94 (0.86-0.98)
69	0.19 (0.14-0.25)	0.40 (0.30-0.50)	0.59 (0.46-0.70)	0.74 (0.60-0.84)	0.84 (0.71-0.92)	0.91 (0.80-0.96)	0.95 (0.86-0.98)
70	0.20 (0.15-0.27)	0.42 (0.32-0.52)	0.61 (0.48-0.72)	0.75 (0.62-0.85)	0.85 (0.73-0.93)	0.91 (0.81-0.96)	0.95 (0.87-0.98)
71	0.22 (0.16-0.28)	0.44 (0.33-0.55)	0.62 (0.49-0.74)	0.77 (0.63-0.86)	0.86 (0.74-0.93)	0.92 (0.82-0.97)	0.95 (0.88-0.98)
72	0.23 (0.17-0.30)	0.45 (0.34-0.57)	0.64 (0.51-0.76)	0.78 (0.64-0.87)	0.87 (0.75-0.94)	0.93 (0.83-0.97)	0.96 (0.88-0.99)
73	0.24 (0.18-0.32)	0.47 (0.36-0.59)	0.66 (0.52-0.77)	0.79 (0.65-0.88)	0.88 (0.76-0.94)	0.93 (0.83-0.97)	0.96 (0.89-0.99)
74	0.25 (0.19-0.34)	0.49 (0.37-0.61)	0.67 (0.53-0.79)	0.80 (0.67-0.89)	0.89 (0.77-0.95)	0.93 (0.84-0.97)	0.96 (0.89-0.99)
75	0.27 (0.20-0.35)	0.51 (0.38-0.63)	0.69 (0.55-0.80)	0.81 (0.68-0.90)	0.89 (0.78-0.95)	0.94 (0.85-0.98)	0.97 (0.90-0.99)
76	0.28 (0.20-0.37)	0.52 (0.40-0.64)	0.70 (0.56-0.81)	0.82 (0.69-0.91)	0.90 (0.78-0.95)	0.94 (0.85-0.98)	0.97 (0.90-0.99)
77	0.29 (0.21-0.39)	0.54 (0.41-0.66)	0.71 (0.57-0.82)	0.83 (0.70-0.91)	0.90 (0.79-0.96)	0.95 (0.86-0.98)	0.97 (0.91-0.99)
78	0.30 (0.22-0.40)	0.55 (0.42-0.67)	0.73 (0.58-0.83)	0.84 (0.71-0.92)	0.91 (0.80-0.96)	0.95 (0.86-0.98)	0.97 (0.91-0.99)
79	0.31 (0.23-0.42)	0.56 (0.43-0.69)	0.74 (0.59-0.84)	0.85 (0.72-0.92)	0.91 (0.81-0.96)	0.95 (0.87-0.98)	0.97 (0.91-0.99)
80	0.33 (0.24-0.43)	0.58 (0.44-0.70)	0.75 (0.60-0.85)	0.85 (0.72-0.93)	0.92 (0.81-0.96)	0.95 (0.87-0.98)	0.97 (0.92-0.99)
81	0.34 (0.24-0.44)	0.59 (0.45-0.71)	0.75 (0.61-0.86)	0.86 (0.73-0.93)	0.92 (0.82-0.97)	0.95 (0.88-0.98)	0.97 (0.92-0.99)
82	0.35 (0.25-0.45)	0.60 (0.46-0.72)	0.76 (0.62-0.86)	0.86 (0.74-0.93)	0.92 (0.82-0.97)	0.96 (0.88-0.98)	0.98 (0.92-0.99)
83	0.35 (0.26-0.46)	0.61 (0.47-0.73)	0.77 (0.63-0.87)	0.87 (0.75-0.94)	0.93 (0.83-0.97)	0.96 (0.89-0.99)	0.98 (0.92-0.99)
84	0.36 (0.27-0.47)	0.61 (0.48-0.74)	0.77 (0.64-0.87)	0.87 (0.75-0.94)	0.93 (0.83-0.97)	0.96 (0.89-0.99)	0.98 (0.93-0.99)
85	0.37 (0.27-0.48)	0.62 (0.49-0.74)	0.78 (0.65-0.87)	0.88 (0.76-0.94)	0.93 (0.84-0.97)	0.96 (0.89-0.99)	0.98 (0.93-0.99)

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
86	0.38 (0.28-0.49)	0.63 (0.49-0.75)	0.79 (0.65-0.88)	0.88 (0.76-0.94)	0.93 (0.84-0.97)	0.96 (0.89-0.99)	0.98 (0.93-0.99)
87	0.38 (0.28-0.49)	0.64 (0.50-0.75)	0.79 (0.66-0.88)	0.88 (0.77-0.94)	0.93 (0.85-0.97)	0.96 (0.90-0.99)	0.98 (0.93-0.99)
88	0.39 (0.29-0.50)	0.64 (0.51-0.76)	0.79 (0.66-0.88)	0.88 (0.77-0.94)	0.94 (0.85-0.97)	0.96 (0.90-0.99)	0.98 (0.93-0.99)
89	0.40 (0.29-0.51)	0.65 (0.51-0.76)	0.80 (0.67-0.89)	0.89 (0.78-0.95)	0.94 (0.85-0.97)	0.96 (0.90-0.99)	0.98 (0.94-0.99)
90	0.40 (0.30-0.51)	0.65 (0.52-0.76)	0.80 (0.68-0.89)	0.89 (0.78-0.95)	0.94 (0.86-0.97)	0.97 (0.90-0.99)	0.98 (0.94-0.99)
91	0.40 (0.30-0.51)	0.66 (0.53-0.77)	0.80 (0.68-0.89)	0.89 (0.79-0.95)	0.94 (0.86-0.97)	0.97 (0.91-0.99)	0.98 (0.94-0.99)
92	0.41 (0.31-0.52)	0.66 (0.53-0.77)	0.81 (0.68-0.89)	0.89 (0.79-0.95)	0.94 (0.86-0.98)	0.97 (0.91-0.99)	0.98 (0.94-0.99)
93	0.41 (0.31-0.52)	0.66 (0.53-0.77)	0.81 (0.69-0.89)	0.89 (0.79-0.95)	0.94 (0.86-0.98)	0.97 (0.91-0.99)	0.98 (0.94-0.99)
94	0.42 (0.32-0.52)	0.67 (0.54-0.77)	0.81 (0.69-0.89)	0.89 (0.80-0.95)	0.94 (0.86-0.98)	0.97 (0.91-0.99)	0.98 (0.94-0.99)
95	0.42 (0.32-0.53)	0.67 (0.54-0.78)	0.81 (0.70-0.89)	0.90 (0.80-0.95)	0.94 (0.87-0.98)	0.97 (0.91-0.99)	0.98 (0.94-0.99)

Table 4 Conditional Probability of Onset for an Individual with 39 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.01)	0 (0-0.03)		
1	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.01)	0.01 (0-0.02)	0.01 (0-0.03)		
2	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.01)	0.01 (0-0.02)	0.01 (0.01-0.03)		
3	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.01)	0.01 (0-0.02)	0.01 (0.01-0.03)		
4	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.04)		
5	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.04)		
6	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.01 (0-0.02)	0.01 (0-0.03)	0.02 (0.01-0.05)		
7	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0.01 (0-0.02)	0.01 (0-0.02)	0.01 (0.01-0.03)	0.02 (0.01-0.05)		
8	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0.01 (0-0.02)	0.01 (0-0.02)	0.01 (0.01-0.03)	0.03 (0.01-0.06)		
9	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0.01 (0-0.02)	0.01 (0-0.02)	0.02 (0.01-0.04)	0.03 (0.02-0.06)		
10	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0.01 (0-0.02)	0.01 (0-0.02)	0.02 (0.01-0.04)	0.04 (0.02-0.07)		
11	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.01)	0.01 (0-0.02)	0.01 (0-0.03)	0.02 (0.01-0.05)	0.04 (0.02-0.08)		
12	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.01 (0.01-0.03)	0.02 (0.01-0.05)	0.05 (0.03-0.09)			
13	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.01 (0.01-0.03)	0.03 (0.01-0.06)	0.05 (0.03-0.10)			
14	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.04)	0.03 (0.02-0.06)	0.06 (0.03-0.11)			
15	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.04)	0.04 (0.02-0.07)	0.07 (0.04-0.12)			
16	0 (0-0)	0 (0-0.01)	0.01 (0-0.01)	0.01 (0-0.03)	0.02 (0.01-0.05)	0.04 (0.02-0.08)	0.08 (0.05-0.13)			
17	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.01 (0.01-0.03)	0.02 (0.01-0.05)	0.05 (0.03-0.09)	0.09 (0.05-0.14)			
18	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.01 (0.01-0.03)	0.03 (0.01-0.06)	0.05 (0.03-0.10)	0.10 (0.06-0.16)			
19	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.04)	0.03 (0.02-0.06)	0.06 (0.03-0.11)	0.11 (0.07-0.17)			
20	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.04)	0.04 (0.02-0.07)	0.07 (0.04-0.12)	0.13 (0.08-0.19)			
21	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.04)	0.04 (0.02-0.08)	0.08 (0.05-0.13)	0.14 (0.10-0.21)			
22	0 (0-0)	0 (0-0.01)	0.01 (0-0.03)	0.02 (0.01-0.05)	0.05 (0.03-0.08)	0.09 (0.05-0.14)	0.16 (0.11-0.23)			
23	0 (0-0.01)	0.01 (0-0.01)	0.01 (0.01-0.03)	0.03 (0.01-0.05)	0.05 (0.03-0.09)	0.10 (0.06-0.16)	0.18 (0.13-0.25)			
24	0 (0-0.01)	0.01 (0-0.02)	0.01 (0.01-0.03)	0.03 (0.02-0.06)	0.06 (0.03-0.10)	0.11 (0.07-0.17)	0.20 (0.15-0.27)			
25	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.04)	0.03 (0.02-0.07)	0.07 (0.04-0.11)	0.13 (0.08-0.19)	0.22 (0.17-0.30)			
26	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.04)	0.04 (0.02-0.07)	0.08 (0.05-0.13)	0.14 (0.10-0.21)	0.25 (0.19-0.32)			

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
27	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.04)	0.04 (0.02-0.08)	0.09 (0.05-0.14)	0.16 (0.11-0.23)	0.28 (0.21-0.35)			
28	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.05)	0.05 (0.03-0.09)	0.10 (0.06-0.15)	0.18 (0.13-0.25)	0.30 (0.24-0.38)			
29	0 (0-0.01)	0.01 (0.01-0.03)	0.03 (0.01-0.05)	0.06 (0.03-0.10)	0.11 (0.07-0.17)	0.20 (0.15-0.27)	0.33 (0.26-0.41)			
30	0 (0-0.01)	0.01 (0.01-0.03)	0.03 (0.02-0.06)	0.07 (0.04-0.11)	0.13 (0.08-0.18)	0.22 (0.17-0.29)	0.36 (0.29-0.44)			
31	0.01 (0-0.01)	0.02 (0.01-0.03)	0.04 (0.02-0.07)	0.07 (0.05-0.12)	0.14 (0.10-0.20)	0.25 (0.19-0.32)	0.39 (0.32-0.47)			
32	0.01 (0-0.01)	0.02 (0.01-0.04)	0.04 (0.02-0.07)	0.08 (0.05-0.13)	0.16 (0.11-0.22)	0.27 (0.21-0.35)	0.43 (0.35-0.50)			
33	0.01 (0-0.02)	0.02 (0.01-0.04)	0.05 (0.03-0.08)	0.10 (0.06-0.15)	0.18 (0.13-0.24)	0.30 (0.24-0.37)	0.46 (0.39-0.53)			
34	0.01 (0-0.02)	0.02 (0.01-0.04)	0.05 (0.03-0.09)	0.11 (0.07-0.16)	0.20 (0.14-0.26)	0.33 (0.26-0.40)	0.49 (0.42-0.57)			
35	0.01 (0-0.02)	0.03 (0.02-0.05)	0.06 (0.04-0.10)	0.12 (0.08-0.18)	0.22 (0.16-0.29)	0.36 (0.29-0.43)	0.53 (0.45-0.60)			
36	0.01 (0.01-0.02)	0.03 (0.02-0.06)	0.07 (0.04-0.11)	0.14 (0.09-0.19)	0.24 (0.18-0.31)	0.39 (0.32-0.46)	0.56 (0.48-0.63)			
37	0.01 (0.01-0.02)	0.04 (0.02-0.06)	0.08 (0.05-0.12)	0.15 (0.11-0.21)	0.27 (0.21-0.34)	0.42 (0.35-0.50)	0.59 (0.51-0.67)			
38	0.01 (0.01-0.03)	0.04 (0.02-0.07)	0.09 (0.06-0.13)	0.17 (0.12-0.23)	0.30 (0.23-0.37)	0.46 (0.38-0.53)	0.62 (0.54-0.70)			
39	0.02 (0.01-0.03)	0.05 (0.03-0.08)	0.10 (0.07-0.15)	0.19 (0.14-0.25)	0.32 (0.26-0.40)	0.49 (0.41-0.56)	0.65 (0.57-0.73)			
40	0.02 (0.01-0.03)	0.05 (0.03-0.08)	0.11 (0.08-0.16)	0.21 (0.16-0.28)	0.35 (0.29-0.43)	0.52 (0.45-0.60)	0.68 (0.60-0.76)			
41	0.02 (0.01-0.04)	0.06 (0.04-0.09)	0.13 (0.09-0.18)	0.23 (0.18-0.30)	0.38 (0.32-0.46)	0.55 (0.48-0.63)	0.71 (0.63-0.78)			
42	0.02 (0.01-0.04)	0.07 (0.04-0.10)	0.14 (0.10-0.19)	0.26 (0.20-0.33)	0.42 (0.35-0.49)	0.59 (0.51-0.66)	0.74 (0.66-0.81)			
43	0.03 (0.02-0.04)	0.08 (0.05-0.11)	0.16 (0.12-0.21)	0.28 (0.23-0.35)	0.45 (0.38-0.52)	0.62 (0.54-0.69)	0.76 (0.68-0.83)			
44	0.03 (0.02-0.05)	0.09 (0.06-0.12)	0.18 (0.13-0.23)	0.31 (0.25-0.38)	0.48 (0.41-0.55)	0.65 (0.57-0.72)	0.79 (0.71-0.85)			
45	0.03 (0.02-0.05)	0.10 (0.07-0.14)	0.20 (0.15-0.25)	0.34 (0.28-0.41)	0.51 (0.44-0.59)	0.68 (0.60-0.75)	0.81 (0.73-0.87)			
46	0.04 (0.03-0.06)	0.11 (0.08-0.15)	0.22 (0.17-0.28)	0.37 (0.31-0.44)	0.55 (0.47-0.62)	0.71 (0.62-0.78)	0.83 (0.75-0.88)			
47	0.04 (0.03-0.07)	0.12 (0.09-0.16)	0.24 (0.19-0.30)	0.40 (0.33-0.47)	0.58 (0.50-0.65)	0.73 (0.65-0.80)	0.84 (0.77-0.90)			
48	0.05 (0.03-0.07)	0.14 (0.10-0.18)	0.27 (0.21-0.33)	0.43 (0.36-0.50)	0.61 (0.53-0.68)	0.76 (0.67-0.82)	0.86 (0.79-0.91)			
49	0.06 (0.04-0.08)	0.15 (0.11-0.20)	0.29 (0.24-0.35)	0.46 (0.39-0.54)	0.64 (0.55-0.71)	0.78 (0.70-0.84)	0.87 (0.80-0.92)			
50	0.06 (0.05-0.09)	0.17 (0.13-0.21)	0.32 (0.26-0.38)	0.50 (0.42-0.57)	0.67 (0.58-0.74)	0.80 (0.72-0.86)	0.89 (0.82-0.93)			
51	0.07 (0.05-0.10)	0.19 (0.15-0.23)	0.35 (0.28-0.41)	0.53 (0.45-0.60)	0.69 (0.61-0.77)	0.82 (0.74-0.88)	0.90 (0.83-0.94)			
52	0.08 (0.06-0.11)	0.21 (0.16-0.26)	0.37 (0.31-0.44)	0.56 (0.48-0.63)	0.72 (0.63-0.79)	0.84 (0.76-0.89)	0.91 (0.85-0.95)			
53	0.09 (0.07-0.12)	0.23 (0.18-0.28)	0.40 (0.34-0.47)	0.59 (0.50-0.67)	0.74 (0.66-0.81)	0.85 (0.77-0.91)	0.92 (0.86-0.96)			
54	0.10 (0.08-0.13)	0.25 (0.20-0.30)	0.43 (0.36-0.50)	0.62 (0.53-0.70)	0.77 (0.68-0.84)	0.87 (0.79-0.92)	0.93 (0.87-0.96)			
55	0.11 (0.09-0.14)	0.27 (0.22-0.33)	0.46 (0.39-0.54)	0.64 (0.56-0.72)	0.79 (0.70-0.85)	0.88 (0.81-0.93)	0.94 (0.88-0.97)			
56	0.12 (0.10-0.15)	0.29 (0.24-0.35)	0.49 (0.41-0.57)	0.67 (0.58-0.75)	0.81 (0.72-0.87)	0.89 (0.82-0.94)	0.94 (0.89-0.97)			

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
57	0.14 (0.11-0.17)	0.32 (0.26-0.38)	0.52 (0.44-0.60)	0.69 (0.60-0.77)	0.82 (0.74-0.88)	0.90 (0.83-0.94)	0.95 (0.90-0.97)			
58	0.15 (0.12-0.18)	0.34 (0.28-0.41)	0.55 (0.46-0.63)	0.72 (0.63-0.80)	0.84 (0.75-0.90)	0.91 (0.85-0.95)	0.95 (0.91-0.98)			
59	0.16 (0.13-0.20)	0.37 (0.30-0.44)	0.57 (0.49-0.66)	0.74 (0.65-0.82)	0.85 (0.77-0.91)	0.92 (0.86-0.96)	0.96 (0.91-0.98)			
60	0.18 (0.15-0.22)	0.39 (0.33-0.47)	0.60 (0.51-0.68)	0.76 (0.67-0.83)	0.87 (0.78-0.92)	0.93 (0.87-0.96)	0.96 (0.92-0.98)			
61	0.20 (0.16-0.24)	0.42 (0.35-0.49)	0.62 (0.53-0.71)	0.78 (0.68-0.85)	0.88 (0.80-0.93)	0.93 (0.88-0.97)	0.97 (0.92-0.98)			
62	0.21 (0.17-0.26)	0.44 (0.37-0.52)	0.65 (0.55-0.73)	0.79 (0.70-0.86)	0.89 (0.81-0.94)	0.94 (0.88-0.97)	0.97 (0.93-0.99)			
63	0.23 (0.18-0.28)	0.47 (0.39-0.55)	0.67 (0.57-0.75)	0.81 (0.72-0.88)	0.90 (0.82-0.94)	0.95 (0.89-0.97)	0.97 (0.93-0.99)			
64	0.24 (0.20-0.30)	0.49 (0.40-0.58)	0.69 (0.59-0.77)	0.82 (0.73-0.89)	0.90 (0.83-0.95)	0.95 (0.90-0.98)	0.97 (0.94-0.99)			
65	0.26 (0.21-0.32)	0.51 (0.42-0.60)	0.71 (0.61-0.79)	0.84 (0.75-0.90)	0.91 (0.84-0.95)	0.95 (0.90-0.98)	0.98 (0.94-0.99)			
66	0.28 (0.22-0.34)	0.53 (0.44-0.62)	0.72 (0.62-0.81)	0.85 (0.76-0.91)	0.92 (0.85-0.96)	0.96 (0.91-0.98)	0.98 (0.95-0.99)			
67	0.29 (0.23-0.36)	0.55 (0.46-0.64)	0.74 (0.64-0.82)	0.86 (0.77-0.91)	0.92 (0.86-0.96)	0.96 (0.91-0.98)	0.98 (0.95-0.99)			
68	0.31 (0.25-0.38)	0.57 (0.47-0.66)	0.75 (0.65-0.83)	0.87 (0.78-0.92)	0.93 (0.87-0.96)	0.96 (0.92-0.98)	0.98 (0.95-0.99)			
69	0.32 (0.26-0.40)	0.59 (0.49-0.68)	0.77 (0.67-0.84)	0.87 (0.79-0.93)	0.93 (0.87-0.97)	0.97 (0.92-0.98)	0.98 (0.95-0.99)			
70	0.34 (0.27-0.41)	0.60 (0.50-0.70)	0.78 (0.68-0.85)	0.88 (0.80-0.93)	0.94 (0.88-0.97)	0.97 (0.93-0.99)	0.98 (0.96-0.99)			
71	0.35 (0.28-0.43)	0.62 (0.52-0.71)	0.79 (0.69-0.86)	0.89 (0.81-0.94)	0.94 (0.88-0.97)	0.97 (0.93-0.99)	0.98 (0.96-0.99)			
72	0.37 (0.29-0.45)	0.63 (0.53-0.72)	0.80 (0.70-0.87)	0.89 (0.82-0.94)	0.94 (0.89-0.97)	0.97 (0.93-0.99)	0.99 (0.96-0.99)			
73	0.38 (0.30-0.46)	0.64 (0.54-0.73)	0.81 (0.71-0.87)	0.90 (0.82-0.94)	0.95 (0.89-0.97)	0.97 (0.94-0.99)	0.99 (0.96-0.99)			
74	0.39 (0.31-0.47)	0.65 (0.55-0.74)	0.81 (0.72-0.88)	0.90 (0.83-0.95)	0.95 (0.90-0.98)	0.97 (0.94-0.99)	0.99 (0.96-1.00)			
75	0.40 (0.32-0.48)	0.66 (0.56-0.75)	0.82 (0.73-0.89)	0.91 (0.84-0.95)	0.95 (0.90-0.98)	0.98 (0.94-0.99)	0.99 (0.97-1.00)			
76	0.41 (0.33-0.49)	0.67 (0.57-0.76)	0.83 (0.74-0.89)	0.91 (0.84-0.95)	0.95 (0.90-0.98)	0.98 (0.94-0.99)	0.99 (0.97-1.00)			
77	0.42 (0.34-0.50)	0.68 (0.58-0.77)	0.83 (0.74-0.89)	0.91 (0.85-0.95)	0.95 (0.91-0.98)	0.98 (0.95-0.99)	0.99 (0.97-1.00)			
78	0.43 (0.35-0.51)	0.69 (0.59-0.77)	0.84 (0.75-0.90)	0.91 (0.85-0.95)	0.96 (0.91-0.98)	0.98 (0.95-0.99)	0.99 (0.97-1.00)			
79	0.43 (0.35-0.52)	0.69 (0.60-0.78)	0.84 (0.75-0.90)	0.92 (0.85-0.95)	0.96 (0.91-0.98)	0.98 (0.95-0.99)	0.99 (0.97-1.00)			
80	0.44 (0.36-0.52)	0.70 (0.60-0.78)	0.84 (0.76-0.90)	0.92 (0.86-0.96)	0.96 (0.92-0.98)	0.98 (0.95-0.99)	0.99 (0.97-1.00)			
81	0.45 (0.37-0.53)	0.70 (0.61-0.78)	0.85 (0.76-0.90)	0.92 (0.86-0.96)	0.96 (0.92-0.98)	0.98 (0.95-0.99)	0.99 (0.97-1.00)			
82	0.45 (0.37-0.53)	0.71 (0.62-0.79)	0.85 (0.77-0.90)	0.92 (0.86-0.96)	0.96 (0.92-0.98)	0.98 (0.95-0.99)	0.99 (0.97-1.00)			
83	0.46 (0.38-0.54)	0.71 (0.62-0.79)	0.85 (0.77-0.91)	0.92 (0.87-0.96)	0.96 (0.92-0.98)	0.98 (0.95-0.99)	0.99 (0.97-1.00)			
84	0.46 (0.38-0.54)	0.72 (0.63-0.79)	0.85 (0.78-0.91)	0.92 (0.87-0.96)	0.96 (0.92-0.98)	0.98 (0.95-0.99)	0.99 (0.97-1.00)			
85	0.46 (0.39-0.54)	0.72 (0.63-0.79)	0.86 (0.78-0.91)	0.93 (0.87-0.96)	0.96 (0.92-0.98)	0.98 (0.95-0.99)	0.99 (0.97-1.00)			
86	0.47 (0.39-0.55)	0.72 (0.63-0.80)	0.86 (0.78-0.91)	0.93 (0.87-0.96)	0.96 (0.92-0.98)	0.98 (0.96-0.99)	0.99 (0.97-1.00)			

Conditional Probability (95% CI) within

Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
87	0.47 (0.39-0.55)	0.72 (0.64-0.80)	0.86 (0.78-0.91)	0.93 (0.87-0.96)	0.96 (0.93-0.98)	0.98 (0.96-0.99)	0.99 (0.97-1.00)
88	0.47 (0.40-0.55)	0.73 (0.64-0.80)	0.86 (0.79-0.91)	0.93 (0.87-0.96)	0.96 (0.93-0.98)	0.98 (0.96-0.99)	0.99 (0.97-1.00)
89	0.47 (0.40-0.55)	0.73 (0.64-0.80)	0.86 (0.79-0.91)	0.93 (0.88-0.96)	0.96 (0.93-0.98)	0.98 (0.96-0.99)	0.99 (0.98-1.00)
90	0.48 (0.40-0.55)	0.73 (0.64-0.80)	0.86 (0.79-0.91)	0.93 (0.88-0.96)	0.96 (0.93-0.98)	0.98 (0.96-0.99)	0.99 (0.98-1.00)
91	0.48 (0.40-0.55)	0.73 (0.65-0.80)	0.86 (0.79-0.91)	0.93 (0.88-0.96)	0.96 (0.93-0.98)	0.98 (0.96-0.99)	0.99 (0.98-1.00)
92	0.48 (0.41-0.56)	0.73 (0.65-0.80)	0.86 (0.79-0.91)	0.93 (0.88-0.96)	0.96 (0.93-0.98)	0.98 (0.96-0.99)	0.99 (0.98-1.00)
93	0.48 (0.41-0.56)	0.73 (0.65-0.80)	0.86 (0.79-0.91)	0.93 (0.88-0.96)	0.96 (0.93-0.98)	0.98 (0.96-0.99)	0.99 (0.98-1.00)
94	0.48 (0.41-0.56)	0.73 (0.65-0.80)	0.86 (0.80-0.91)	0.93 (0.88-0.96)	0.96 (0.93-0.98)	0.98 (0.96-0.99)	0.99 (0.98-1.00)
95	0.48 (0.41-0.56)	0.74 (0.65-0.80)	0.86 (0.80-0.91)	0.93 (0.88-0.96)	0.96 (0.93-0.98)	0.98 (0.96-0.99)	0.99 (0.98-1.00)

Table 5 Conditional Probability of Onset for an Individual with 40 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.01)	0.01 (0.01-0.03)			
1	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.03)			
2	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.03)			
3	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.02 (0.01-0.04)			
4	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.04)			
5	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.01)	0.01 (0.01-0.03)	0.03 (0.02-0.05)			
6	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.01)	0.02 (0.01-0.03)	0.03 (0.02-0.06)			
7	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.03)	0.04 (0.03-0.06)			
8	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.02 (0.01-0.04)	0.05 (0.03-0.07)			
9	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.04)	0.05 (0.04-0.08)			
10	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.01)	0.01 (0.01-0.03)	0.03 (0.02-0.05)	0.06 (0.04-0.09)			
11	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.01)	0.02 (0.01-0.03)	0.03 (0.02-0.06)	0.07 (0.05-0.10)			
12	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.03)	0.04 (0.03-0.06)	0.08 (0.06-0.12)			
13	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.02 (0.01-0.04)	0.05 (0.03-0.07)	0.10 (0.07-0.13)			
14	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.04)	0.05 (0.04-0.08)	0.11 (0.08-0.15)			
15	0 (0-0)	0 (0-0.01)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.05)	0.06 (0.04-0.09)	0.13 (0.09-0.17)			
16	0 (0-0)	0 (0-0.01)	0.01 (0-0.01)	0.02 (0.01-0.03)	0.03 (0.02-0.05)	0.07 (0.05-0.10)	0.14 (0.11-0.19)			
17	0 (0-0)	0 (0-0.01)	0.01 (0-0.02)	0.02 (0.01-0.03)	0.04 (0.03-0.06)	0.08 (0.06-0.12)	0.16 (0.13-0.21)			
18	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.02 (0.01-0.04)	0.05 (0.03-0.07)	0.10 (0.07-0.13)	0.19 (0.15-0.23)			
19	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.02 (0.02-0.04)	0.05 (0.04-0.08)	0.11 (0.08-0.15)	0.21 (0.17-0.26)			
20	0 (0-0)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.05)	0.06 (0.04-0.09)	0.12 (0.09-0.17)	0.24 (0.19-0.29)			
21	0 (0-0)	0.01 (0-0.01)	0.01 (0.01-0.03)	0.03 (0.02-0.05)	0.07 (0.05-0.10)	0.14 (0.11-0.19)	0.26 (0.22-0.32)			
22	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.03)	0.04 (0.02-0.06)	0.08 (0.06-0.11)	0.16 (0.13-0.21)	0.30 (0.25-0.35)			
23	0 (0-0.01)	0.01 (0-0.01)	0.02 (0.01-0.03)	0.04 (0.03-0.07)	0.09 (0.07-0.13)	0.18 (0.14-0.23)	0.33 (0.28-0.38)			
24	0 (0-0.01)	0.01 (0.01-0.02)	0.02 (0.01-0.04)	0.05 (0.03-0.08)	0.11 (0.08-0.15)	0.21 (0.17-0.26)	0.36 (0.31-0.42)			
25	0 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.04)	0.06 (0.04-0.09)	0.12 (0.09-0.16)	0.23 (0.19-0.29)	0.40 (0.35-0.45)			
26	0 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.05)	0.07 (0.05-0.10)	0.14 (0.11-0.18)	0.26 (0.22-0.32)	0.44 (0.38-0.49)			

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
27	0 (0-0.01)	0.02 (0.01-0.03)	0.04 (0.02-0.06)	0.08 (0.06-0.11)	0.16 (0.12-0.20)	0.29 (0.25-0.35)	0.47 (0.42-0.53)			
28	0.01 (0-0.01)	0.02 (0.01-0.03)	0.04 (0.03-0.06)	0.09 (0.07-0.13)	0.18 (0.14-0.23)	0.33 (0.28-0.38)	0.51 (0.46-0.57)			
29	0.01 (0-0.01)	0.02 (0.01-0.03)	0.05 (0.03-0.07)	0.11 (0.08-0.14)	0.21 (0.17-0.25)	0.36 (0.31-0.42)	0.55 (0.49-0.60)			
30	0.01 (0-0.01)	0.02 (0.02-0.04)	0.06 (0.04-0.08)	0.12 (0.09-0.16)	0.23 (0.19-0.28)	0.40 (0.34-0.45)	0.59 (0.53-0.64)			
31	0.01 (0.01-0.01)	0.03 (0.02-0.04)	0.07 (0.05-0.09)	0.14 (0.11-0.18)	0.26 (0.22-0.31)	0.43 (0.38-0.49)	0.62 (0.57-0.68)			
32	0.01 (0.01-0.02)	0.03 (0.02-0.05)	0.08 (0.05-0.10)	0.16 (0.12-0.20)	0.29 (0.24-0.34)	0.47 (0.42-0.53)	0.66 (0.60-0.71)			
33	0.01 (0.01-0.02)	0.04 (0.02-0.05)	0.09 (0.06-0.12)	0.18 (0.14-0.22)	0.32 (0.27-0.38)	0.51 (0.45-0.56)	0.69 (0.64-0.74)			
34	0.01 (0.01-0.02)	0.04 (0.03-0.06)	0.10 (0.07-0.13)	0.20 (0.16-0.25)	0.36 (0.31-0.41)	0.55 (0.49-0.60)	0.72 (0.67-0.77)			
35	0.02 (0.01-0.02)	0.05 (0.03-0.07)	0.11 (0.09-0.15)	0.23 (0.18-0.27)	0.39 (0.34-0.45)	0.58 (0.53-0.64)	0.75 (0.70-0.80)			
36	0.02 (0.01-0.03)	0.06 (0.04-0.08)	0.13 (0.10-0.17)	0.25 (0.21-0.30)	0.43 (0.38-0.48)	0.62 (0.56-0.67)	0.78 (0.73-0.83)			
37	0.02 (0.01-0.03)	0.07 (0.05-0.09)	0.15 (0.12-0.19)	0.28 (0.24-0.33)	0.47 (0.41-0.52)	0.66 (0.60-0.71)	0.80 (0.75-0.85)			
38	0.03 (0.02-0.04)	0.08 (0.06-0.10)	0.17 (0.13-0.21)	0.31 (0.27-0.36)	0.50 (0.45-0.56)	0.69 (0.63-0.74)	0.83 (0.78-0.87)			
39	0.03 (0.02-0.04)	0.09 (0.07-0.11)	0.19 (0.15-0.23)	0.35 (0.30-0.40)	0.54 (0.48-0.60)	0.72 (0.66-0.77)	0.85 (0.80-0.89)			
40	0.03 (0.02-0.05)	0.10 (0.08-0.13)	0.21 (0.18-0.26)	0.38 (0.33-0.43)	0.58 (0.52-0.63)	0.75 (0.69-0.80)	0.87 (0.82-0.90)			
41	0.04 (0.03-0.05)	0.11 (0.09-0.14)	0.24 (0.20-0.28)	0.42 (0.37-0.47)	0.61 (0.56-0.67)	0.78 (0.72-0.82)	0.88 (0.84-0.92)			
42	0.04 (0.03-0.06)	0.13 (0.10-0.16)	0.27 (0.23-0.31)	0.45 (0.40-0.51)	0.65 (0.59-0.70)	0.80 (0.75-0.84)	0.90 (0.85-0.93)			
43	0.05 (0.04-0.07)	0.15 (0.12-0.18)	0.30 (0.25-0.34)	0.49 (0.44-0.54)	0.68 (0.62-0.73)	0.82 (0.77-0.86)	0.91 (0.87-0.94)			
44	0.06 (0.05-0.08)	0.17 (0.14-0.20)	0.33 (0.28-0.38)	0.53 (0.47-0.58)	0.71 (0.65-0.76)	0.84 (0.79-0.88)	0.92 (0.88-0.95)			
45	0.07 (0.05-0.09)	0.19 (0.15-0.22)	0.36 (0.31-0.41)	0.56 (0.51-0.62)	0.74 (0.68-0.79)	0.86 (0.81-0.90)	0.93 (0.90-0.95)			
46	0.08 (0.06-0.10)	0.21 (0.18-0.25)	0.39 (0.35-0.44)	0.60 (0.54-0.65)	0.77 (0.71-0.82)	0.88 (0.83-0.91)	0.94 (0.91-0.96)			
47	0.09 (0.07-0.11)	0.23 (0.20-0.27)	0.43 (0.38-0.48)	0.63 (0.57-0.69)	0.79 (0.73-0.84)	0.89 (0.85-0.92)	0.95 (0.92-0.97)			
48	0.10 (0.08-0.12)	0.26 (0.22-0.30)	0.46 (0.41-0.52)	0.66 (0.60-0.72)	0.81 (0.76-0.86)	0.90 (0.86-0.93)	0.95 (0.93-0.97)			
49	0.11 (0.09-0.13)	0.29 (0.25-0.33)	0.50 (0.44-0.55)	0.69 (0.63-0.75)	0.83 (0.78-0.88)	0.92 (0.88-0.94)	0.96 (0.93-0.98)			
50	0.13 (0.11-0.15)	0.31 (0.27-0.36)	0.53 (0.47-0.59)	0.72 (0.66-0.77)	0.85 (0.80-0.89)	0.93 (0.89-0.95)	0.96 (0.94-0.98)			
51	0.14 (0.12-0.17)	0.34 (0.30-0.39)	0.56 (0.50-0.62)	0.75 (0.69-0.80)	0.87 (0.82-0.90)	0.93 (0.90-0.96)	0.97 (0.95-0.98)			
52	0.16 (0.14-0.19)	0.37 (0.33-0.42)	0.60 (0.53-0.65)	0.77 (0.71-0.82)	0.88 (0.83-0.92)	0.94 (0.91-0.96)	0.97 (0.95-0.98)			
53	0.18 (0.15-0.21)	0.40 (0.35-0.45)	0.63 (0.56-0.68)	0.79 (0.73-0.84)	0.89 (0.85-0.93)	0.95 (0.92-0.97)	0.98 (0.96-0.99)			
54	0.20 (0.17-0.23)	0.43 (0.38-0.49)	0.65 (0.59-0.71)	0.81 (0.75-0.86)	0.90 (0.86-0.94)	0.95 (0.93-0.97)	0.98 (0.96-0.99)			
55	0.21 (0.18-0.25)	0.46 (0.41-0.52)	0.68 (0.62-0.74)	0.83 (0.77-0.87)	0.91 (0.87-0.94)	0.96 (0.93-0.98)	0.98 (0.96-0.99)			
56	0.23 (0.20-0.27)	0.49 (0.43-0.55)	0.70 (0.64-0.76)	0.84 (0.79-0.89)	0.92 (0.88-0.95)	0.96 (0.94-0.98)	0.98 (0.97-0.99)			

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
57	0.25 (0.22-0.29)	0.52 (0.46-0.58)	0.73 (0.66-0.78)	0.86 (0.80-0.90)	0.93 (0.89-0.96)	0.97 (0.94-0.98)	0.98 (0.97-0.99)
58	0.28 (0.24-0.32)	0.55 (0.48-0.61)	0.75 (0.68-0.80)	0.87 (0.82-0.91)	0.94 (0.90-0.96)	0.97 (0.95-0.98)	0.99 (0.97-0.99)
59	0.30 (0.26-0.34)	0.57 (0.51-0.63)	0.77 (0.70-0.82)	0.88 (0.83-0.92)	0.94 (0.91-0.96)	0.97 (0.95-0.98)	0.99 (0.97-0.99)
60	0.32 (0.27-0.36)	0.59 (0.53-0.66)	0.78 (0.72-0.84)	0.89 (0.84-0.93)	0.95 (0.92-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)
61	0.34 (0.29-0.39)	0.61 (0.55-0.68)	0.80 (0.73-0.85)	0.90 (0.85-0.93)	0.95 (0.92-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)
62	0.35 (0.31-0.41)	0.63 (0.57-0.70)	0.81 (0.75-0.86)	0.91 (0.86-0.94)	0.96 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-1.00)
63	0.37 (0.32-0.43)	0.65 (0.58-0.71)	0.82 (0.76-0.87)	0.91 (0.87-0.94)	0.96 (0.93-0.98)	0.98 (0.96-0.99)	0.99 (0.98-1.00)
64	0.39 (0.34-0.45)	0.67 (0.60-0.73)	0.83 (0.77-0.88)	0.92 (0.88-0.95)	0.96 (0.94-0.98)	0.98 (0.97-0.99)	0.99 (0.98-1.00)
65	0.40 (0.35-0.46)	0.68 (0.61-0.74)	0.84 (0.78-0.89)	0.92 (0.88-0.95)	0.96 (0.94-0.98)	0.98 (0.97-0.99)	0.99 (0.98-1.00)
66	0.42 (0.36-0.48)	0.69 (0.63-0.76)	0.85 (0.79-0.89)	0.93 (0.89-0.95)	0.97 (0.94-0.98)	0.98 (0.97-0.99)	0.99 (0.98-1.00)
67	0.43 (0.38-0.49)	0.71 (0.64-0.77)	0.86 (0.80-0.90)	0.93 (0.89-0.96)	0.97 (0.94-0.98)	0.98 (0.97-0.99)	0.99 (0.99-1.00)
68	0.44 (0.39-0.50)	0.72 (0.65-0.77)	0.86 (0.81-0.90)	0.93 (0.90-0.96)	0.97 (0.95-0.98)	0.99 (0.97-0.99)	0.99 (0.99-1.00)
69	0.46 (0.40-0.52)	0.73 (0.66-0.78)	0.87 (0.82-0.91)	0.94 (0.90-0.96)	0.97 (0.95-0.98)	0.99 (0.97-0.99)	0.99 (0.99-1.00)
70	0.47 (0.41-0.53)	0.73 (0.67-0.79)	0.87 (0.82-0.91)	0.94 (0.91-0.96)	0.97 (0.95-0.98)	0.99 (0.97-0.99)	0.99 (0.99-1.00)
71	0.47 (0.42-0.53)	0.74 (0.68-0.79)	0.88 (0.83-0.91)	0.94 (0.91-0.96)	0.97 (0.95-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)
72	0.48 (0.42-0.54)	0.75 (0.68-0.80)	0.88 (0.83-0.91)	0.94 (0.91-0.96)	0.97 (0.95-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)
73	0.49 (0.43-0.55)	0.75 (0.69-0.80)	0.88 (0.84-0.92)	0.94 (0.91-0.96)	0.97 (0.96-0.99)	0.99 (0.98-0.99)	0.99 (0.99-1.00)
74	0.50 (0.44-0.55)	0.76 (0.70-0.81)	0.88 (0.84-0.92)	0.95 (0.92-0.97)	0.97 (0.96-0.99)	0.99 (0.98-0.99)	0.99 (0.99-1.00)
75	0.50 (0.44-0.56)	0.76 (0.70-0.81)	0.89 (0.84-0.92)	0.95 (0.92-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	0.99 (0.99-1.00)
76	0.51 (0.45-0.56)	0.76 (0.71-0.81)	0.89 (0.85-0.92)	0.95 (0.92-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	0.99 (0.99-1.00)
77	0.51 (0.45-0.57)	0.77 (0.71-0.81)	0.89 (0.85-0.92)	0.95 (0.92-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	0.99 (0.99-1.00)
78	0.51 (0.46-0.57)	0.77 (0.71-0.82)	0.89 (0.85-0.92)	0.95 (0.92-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	0.99 (0.99-1.00)
79	0.52 (0.46-0.57)	0.77 (0.72-0.82)	0.89 (0.85-0.92)	0.95 (0.92-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	0.99 (0.99-1.00)
80	0.52 (0.46-0.57)	0.77 (0.72-0.82)	0.89 (0.85-0.92)	0.95 (0.92-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
81	0.52 (0.47-0.57)	0.77 (0.72-0.82)	0.89 (0.85-0.92)	0.95 (0.92-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
82	0.52 (0.47-0.58)	0.78 (0.72-0.82)	0.90 (0.86-0.92)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
83	0.52 (0.47-0.58)	0.78 (0.72-0.82)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
84	0.53 (0.47-0.58)	0.78 (0.73-0.82)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
85	0.53 (0.48-0.58)	0.78 (0.73-0.82)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
86	0.53 (0.48-0.58)	0.78 (0.73-0.82)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
87	0.53 (0.48-0.58)	0.78 (0.73-0.82)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
88	0.53 (0.48-0.58)	0.78 (0.73-0.82)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
89	0.53 (0.48-0.58)	0.78 (0.73-0.82)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
90	0.53 (0.48-0.58)	0.78 (0.73-0.82)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
91	0.53 (0.48-0.58)	0.78 (0.73-0.82)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
92	0.53 (0.48-0.58)	0.78 (0.73-0.82)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
93	0.53 (0.48-0.58)	0.78 (0.73-0.83)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
94	0.53 (0.48-0.58)	0.78 (0.73-0.83)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
95	0.53 (0.48-0.58)	0.78 (0.73-0.83)	0.90 (0.86-0.93)	0.95 (0.93-0.97)	0.98 (0.96-0.99)	0.99 (0.98-0.99)	1.00 (0.99-1.00)

Table 6 Conditional Probability of Onset for an Individual with 41 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.01)	0.02 (0.02-0.03)			
1	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.04)			
2	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.04)			
3	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.02)	0.04 (0.03-0.05)			
4	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.01)	0.02 (0.01-0.03)	0.04 (0.03-0.06)			
5	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.05 (0.04-0.07)			
6	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.04)	0.06 (0.05-0.08)			
7	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.04)	0.07 (0.05-0.09)			
8	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.02)	0.04 (0.03-0.05)	0.08 (0.06-0.10)			
9	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.01-0.03)	0.04 (0.03-0.06)	0.10 (0.08-0.12)			
10	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.05 (0.04-0.07)	0.11 (0.09-0.14)			
11	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.04)	0.06 (0.05-0.08)	0.13 (0.11-0.16)			
12	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.04)	0.07 (0.05-0.09)	0.15 (0.13-0.18)			
13	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.02)	0.04 (0.03-0.05)	0.08 (0.06-0.10)	0.17 (0.15-0.20)			
14	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.03)	0.04 (0.03-0.06)	0.10 (0.08-0.12)	0.20 (0.17-0.23)			
15	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.05 (0.04-0.06)	0.11 (0.09-0.14)	0.23 (0.20-0.26)			
16	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.01)	0.03 (0.02-0.03)	0.06 (0.05-0.08)	0.13 (0.11-0.16)	0.26 (0.23-0.30)			
17	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.02-0.04)	0.07 (0.05-0.09)	0.15 (0.13-0.18)	0.29 (0.26-0.33)			
18	0 (0-0)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.04 (0.03-0.05)	0.08 (0.06-0.10)	0.17 (0.15-0.20)	0.33 (0.30-0.37)			
19	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.02)	0.04 (0.03-0.05)	0.09 (0.08-0.12)	0.20 (0.17-0.23)	0.37 (0.33-0.41)			
20	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.01-0.03)	0.05 (0.04-0.06)	0.11 (0.09-0.13)	0.23 (0.20-0.26)	0.41 (0.37-0.45)			
21	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.06 (0.04-0.07)	0.13 (0.11-0.15)	0.26 (0.23-0.29)	0.45 (0.42-0.49)			
22	0 (0-0)	0.01 (0.01-0.02)	0.03 (0.02-0.04)	0.07 (0.05-0.09)	0.15 (0.12-0.18)	0.29 (0.26-0.33)	0.50 (0.46-0.54)			
23	0 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.03-0.04)	0.08 (0.06-0.10)	0.17 (0.15-0.20)	0.33 (0.30-0.37)	0.54 (0.50-0.58)			
24	0 (0-0.01)	0.02 (0.01-0.02)	0.04 (0.03-0.05)	0.09 (0.07-0.11)	0.20 (0.17-0.23)	0.37 (0.33-0.41)	0.58 (0.54-0.62)			
25	0.01 (0-0.01)	0.02 (0.01-0.02)	0.05 (0.04-0.06)	0.11 (0.09-0.13)	0.23 (0.20-0.26)	0.41 (0.37-0.45)	0.62 (0.58-0.66)			
26	0.01 (0-0.01)	0.02 (0.02-0.03)	0.05 (0.04-0.07)	0.13 (0.10-0.15)	0.26 (0.23-0.29)	0.45 (0.42-0.49)	0.66 (0.62-0.70)			
27	0.01 (0.01-0.01)	0.03 (0.02-0.03)	0.06 (0.05-0.08)	0.15 (0.12-0.17)	0.29 (0.26-0.33)	0.50 (0.46-0.53)	0.70 (0.66-0.73)			

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
28	0.01 (0.01-0.01)	0.03 (0.02-0.04)	0.08 (0.06-0.09)	0.17 (0.14-0.20)	0.33 (0.29-0.36)	0.54 (0.50-0.58)	0.73 (0.70-0.77)			
29	0.01 (0.01-0.01)	0.04 (0.03-0.05)	0.09 (0.07-0.11)	0.19 (0.17-0.22)	0.37 (0.33-0.40)	0.58 (0.54-0.62)	0.77 (0.73-0.80)			
30	0.01 (0.01-0.02)	0.04 (0.03-0.05)	0.10 (0.09-0.12)	0.22 (0.19-0.25)	0.41 (0.37-0.44)	0.62 (0.58-0.66)	0.80 (0.76-0.83)			
31	0.01 (0.01-0.02)	0.05 (0.04-0.06)	0.12 (0.10-0.14)	0.25 (0.22-0.29)	0.45 (0.41-0.49)	0.66 (0.62-0.70)	0.82 (0.79-0.85)			
32	0.02 (0.01-0.02)	0.06 (0.05-0.07)	0.14 (0.12-0.16)	0.29 (0.25-0.32)	0.49 (0.45-0.53)	0.70 (0.66-0.73)	0.85 (0.82-0.87)			
33	0.02 (0.02-0.03)	0.07 (0.05-0.08)	0.16 (0.14-0.19)	0.32 (0.29-0.36)	0.53 (0.50-0.57)	0.73 (0.70-0.77)	0.87 (0.84-0.89)			
34	0.02 (0.02-0.03)	0.08 (0.06-0.10)	0.18 (0.16-0.21)	0.36 (0.33-0.40)	0.58 (0.54-0.61)	0.76 (0.73-0.80)	0.88 (0.86-0.91)			
35	0.03 (0.02-0.04)	0.09 (0.08-0.11)	0.21 (0.19-0.24)	0.40 (0.36-0.44)	0.62 (0.58-0.65)	0.79 (0.76-0.82)	0.90 (0.88-0.92)			
36	0.03 (0.03-0.04)	0.11 (0.09-0.13)	0.24 (0.21-0.27)	0.44 (0.40-0.48)	0.66 (0.62-0.69)	0.82 (0.79-0.85)	0.92 (0.89-0.93)			
37	0.04 (0.03-0.05)	0.12 (0.11-0.14)	0.27 (0.24-0.31)	0.48 (0.44-0.52)	0.69 (0.65-0.73)	0.84 (0.81-0.87)	0.93 (0.91-0.94)			
38	0.05 (0.04-0.06)	0.14 (0.12-0.17)	0.31 (0.28-0.34)	0.52 (0.49-0.56)	0.73 (0.69-0.76)	0.86 (0.83-0.89)	0.94 (0.92-0.95)			
39	0.06 (0.05-0.07)	0.16 (0.14-0.19)	0.34 (0.31-0.38)	0.56 (0.53-0.60)	0.76 (0.72-0.79)	0.88 (0.85-0.90)	0.95 (0.93-0.96)			
40	0.06 (0.05-0.08)	0.19 (0.17-0.21)	0.38 (0.35-0.42)	0.60 (0.57-0.64)	0.79 (0.75-0.82)	0.90 (0.87-0.92)	0.95 (0.94-0.97)			
41	0.07 (0.06-0.09)	0.21 (0.19-0.24)	0.42 (0.39-0.46)	0.64 (0.60-0.68)	0.81 (0.78-0.84)	0.91 (0.89-0.93)	0.96 (0.95-0.97)			
42	0.09 (0.08-0.10)	0.24 (0.22-0.27)	0.46 (0.42-0.50)	0.68 (0.64-0.72)	0.84 (0.80-0.86)	0.92 (0.90-0.94)	0.97 (0.95-0.98)			
43	0.10 (0.09-0.12)	0.27 (0.25-0.30)	0.50 (0.46-0.54)	0.71 (0.67-0.75)	0.86 (0.83-0.88)	0.93 (0.91-0.95)	0.97 (0.96-0.98)			
44	0.12 (0.10-0.13)	0.31 (0.28-0.34)	0.54 (0.50-0.58)	0.74 (0.71-0.78)	0.88 (0.85-0.90)	0.94 (0.93-0.96)	0.98 (0.97-0.98)			
45	0.13 (0.12-0.15)	0.34 (0.31-0.37)	0.58 (0.54-0.62)	0.77 (0.74-0.81)	0.89 (0.86-0.91)	0.95 (0.93-0.96)	0.98 (0.97-0.99)			
46	0.15 (0.13-0.17)	0.37 (0.34-0.41)	0.61 (0.57-0.65)	0.80 (0.76-0.83)	0.90 (0.88-0.93)	0.96 (0.94-0.97)	0.98 (0.97-0.99)			
47	0.17 (0.15-0.19)	0.41 (0.38-0.44)	0.65 (0.61-0.69)	0.82 (0.79-0.85)	0.92 (0.89-0.94)	0.96 (0.95-0.97)	0.98 (0.98-0.99)			
48	0.19 (0.17-0.21)	0.44 (0.41-0.48)	0.68 (0.64-0.72)	0.84 (0.81-0.87)	0.93 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)			
49	0.21 (0.19-0.24)	0.48 (0.44-0.52)	0.71 (0.67-0.75)	0.86 (0.83-0.89)	0.94 (0.92-0.95)	0.97 (0.96-0.98)	0.99 (0.98-0.99)			
50	0.24 (0.22-0.26)	0.51 (0.47-0.55)	0.74 (0.70-0.77)	0.87 (0.84-0.90)	0.94 (0.92-0.96)	0.98 (0.97-0.98)	0.99 (0.98-0.99)			
51	0.26 (0.24-0.29)	0.55 (0.51-0.58)	0.76 (0.72-0.80)	0.89 (0.86-0.91)	0.95 (0.93-0.96)	0.98 (0.97-0.99)	0.99 (0.99-0.99)			
52	0.29 (0.26-0.32)	0.58 (0.54-0.62)	0.78 (0.75-0.82)	0.90 (0.87-0.92)	0.96 (0.94-0.97)	0.98 (0.97-0.99)	0.99 (0.99-0.99)			
53	0.31 (0.28-0.34)	0.60 (0.56-0.64)	0.80 (0.77-0.84)	0.91 (0.88-0.93)	0.96 (0.95-0.97)	0.98 (0.97-0.99)	0.99 (0.99-1.00)			
54	0.34 (0.31-0.37)	0.63 (0.59-0.67)	0.82 (0.78-0.85)	0.92 (0.89-0.94)	0.96 (0.95-0.97)	0.98 (0.98-0.99)	0.99 (0.99-1.00)			
55	0.36 (0.33-0.39)	0.66 (0.61-0.70)	0.84 (0.80-0.86)	0.93 (0.90-0.94)	0.97 (0.95-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)			
56	0.38 (0.35-0.42)	0.68 (0.63-0.72)	0.85 (0.81-0.88)	0.93 (0.91-0.95)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)			
57	0.41 (0.37-0.44)	0.70 (0.65-0.74)	0.86 (0.83-0.89)	0.94 (0.92-0.95)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	1.00 (0.99-1.00)			

Conditional Probability (95% CI) within									
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years		
58	0.43 (0.39-0.46)	0.71 (0.67-0.75)	0.87 (0.84-0.89)	0.94 (0.92-0.96)	0.98 (0.96-0.98)	0.99 (0.98-0.99)	1.00 (0.99-1.00)		
59	0.44 (0.41-0.48)	0.73 (0.69-0.77)	0.88 (0.85-0.90)	0.95 (0.93-0.96)	0.98 (0.97-0.98)	0.99 (0.98-0.99)	1.00 (0.99-1.00)		
60	0.46 (0.42-0.50)	0.74 (0.70-0.78)	0.88 (0.86-0.91)	0.95 (0.93-0.96)	0.98 (0.97-0.99)	0.99 (0.99-0.99)	1.00 (0.99-1.00)		
61	0.48 (0.44-0.51)	0.75 (0.71-0.79)	0.89 (0.86-0.91)	0.95 (0.94-0.97)	0.98 (0.97-0.99)	0.99 (0.99-0.99)	1.00 (0.99-1.00)		
62	0.49 (0.45-0.53)	0.76 (0.73-0.80)	0.90 (0.87-0.92)	0.96 (0.94-0.97)	0.98 (0.97-0.99)	0.99 (0.99-0.99)	1.00 (0.99-1.00)		
63	0.50 (0.46-0.54)	0.77 (0.74-0.81)	0.90 (0.87-0.92)	0.96 (0.94-0.97)	0.98 (0.97-0.99)	0.99 (0.99-1.00)	1.00 (0.99-1.00)		
64	0.51 (0.47-0.55)	0.78 (0.74-0.81)	0.90 (0.88-0.92)	0.96 (0.94-0.97)	0.98 (0.97-0.99)	0.99 (0.99-1.00)	1.00 (0.99-1.00)		
65	0.52 (0.48-0.56)	0.79 (0.75-0.82)	0.91 (0.88-0.93)	0.96 (0.95-0.97)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (0.99-1.00)		
66	0.53 (0.49-0.57)	0.79 (0.76-0.82)	0.91 (0.89-0.93)	0.96 (0.95-0.97)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
67	0.54 (0.50-0.57)	0.80 (0.76-0.83)	0.91 (0.89-0.93)	0.96 (0.95-0.97)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
68	0.54 (0.51-0.58)	0.80 (0.77-0.83)	0.91 (0.89-0.93)	0.96 (0.95-0.97)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
69	0.55 (0.51-0.58)	0.80 (0.77-0.83)	0.92 (0.89-0.93)	0.96 (0.95-0.97)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
70	0.55 (0.52-0.59)	0.81 (0.77-0.83)	0.92 (0.90-0.93)	0.96 (0.95-0.97)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
71	0.56 (0.52-0.59)	0.81 (0.78-0.84)	0.92 (0.90-0.94)	0.97 (0.95-0.97)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
72	0.56 (0.53-0.59)	0.81 (0.78-0.84)	0.92 (0.90-0.94)	0.97 (0.95-0.97)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
73	0.56 (0.53-0.60)	0.81 (0.78-0.84)	0.92 (0.90-0.94)	0.97 (0.95-0.97)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
74	0.56 (0.53-0.60)	0.81 (0.78-0.84)	0.92 (0.90-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
75	0.57 (0.53-0.60)	0.81 (0.79-0.84)	0.92 (0.90-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
76	0.57 (0.54-0.60)	0.82 (0.79-0.84)	0.92 (0.90-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
77	0.57 (0.54-0.60)	0.82 (0.79-0.84)	0.92 (0.90-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
78	0.57 (0.54-0.60)	0.82 (0.79-0.84)	0.92 (0.90-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
79	0.57 (0.54-0.60)	0.82 (0.79-0.84)	0.92 (0.90-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
80	0.57 (0.54-0.60)	0.82 (0.79-0.84)	0.92 (0.90-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
81	0.57 (0.54-0.60)	0.82 (0.79-0.84)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
82	0.57 (0.54-0.61)	0.82 (0.79-0.84)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
83	0.57 (0.54-0.61)	0.82 (0.79-0.84)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
84	0.58 (0.54-0.61)	0.82 (0.79-0.84)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
85	0.58 (0.54-0.61)	0.82 (0.79-0.84)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
86	0.58 (0.54-0.61)	0.82 (0.79-0.84)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		
87	0.58 (0.55-0.61)	0.82 (0.79-0.85)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)		

Conditional Probability (95% CI) within								
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years	
88	0.58 (0.55-0.61)	0.82 (0.79-0.85)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	
89	0.58 (0.55-0.61)	0.82 (0.79-0.85)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	
90	0.58 (0.55-0.61)	0.82 (0.79-0.85)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	
91	0.58 (0.55-0.61)	0.82 (0.79-0.85)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	
92	0.58 (0.55-0.61)	0.82 (0.79-0.85)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	
93	0.58 (0.55-0.61)	0.82 (0.79-0.85)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	
94	0.58 (0.55-0.61)	0.82 (0.79-0.85)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	
95	0.58 (0.55-0.61)	0.82 (0.79-0.85)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	

Table 7 Conditional Probability of Onset for an Individual with 42 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.04 (0.03-0.04)		
1	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.02)	0.04 (0.04-0.05)		
2	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.05 (0.04-0.06)		
3	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.06 (0.05-0.07)		
4	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.01)	0.03 (0.02-0.04)	0.07 (0.06-0.09)		
5	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.04 (0.03-0.04)	0.09 (0.08-0.10)		
6	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.02)	0.04 (0.04-0.05)	0.10 (0.09-0.12)		
7	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.02)	0.05 (0.04-0.06)	0.12 (0.11-0.14)		
8	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.02 (0.02-0.03)	0.06 (0.05-0.07)	0.15 (0.13-0.16)		
9	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0.01 (0.01-0.01)	0.03 (0.02-0.04)	0.07 (0.06-0.09)	0.17 (0.15-0.19)		
10	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.01 (0.01-0.02)	0.04 (0.03-0.04)	0.09 (0.08-0.10)	0.20 (0.18-0.22)		
11	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.02)	0.04 (0.04-0.05)	0.10 (0.09-0.12)	0.23 (0.21-0.25)			
12	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.02)	0.05 (0.04-0.06)	0.12 (0.11-0.14)	0.27 (0.25-0.29)			
13	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.06 (0.05-0.07)	0.15 (0.13-0.16)	0.31 (0.29-0.33)			
14	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.01)	0.03 (0.02-0.04)	0.07 (0.06-0.08)	0.17 (0.15-0.19)	0.35 (0.33-0.38)			
15	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.03 (0.03-0.04)	0.09 (0.08-0.10)	0.20 (0.18-0.22)	0.39 (0.37-0.42)			
16	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.02)	0.04 (0.04-0.05)	0.10 (0.09-0.12)	0.23 (0.21-0.25)	0.44 (0.42-0.47)			
17	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.02)	0.05 (0.04-0.06)	0.12 (0.11-0.14)	0.27 (0.25-0.29)	0.49 (0.46-0.51)			
18	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.06 (0.05-0.07)	0.14 (0.13-0.16)	0.31 (0.28-0.33)	0.54 (0.51-0.56)			
19	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.02-0.03)	0.07 (0.06-0.08)	0.17 (0.15-0.19)	0.35 (0.33-0.37)	0.58 (0.56-0.61)			
20	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.03-0.04)	0.09 (0.07-0.10)	0.20 (0.18-0.22)	0.39 (0.37-0.42)	0.63 (0.60-0.65)			
21	0 (0-0.01)	0.01 (0.01-0.02)	0.04 (0.03-0.05)	0.10 (0.09-0.12)	0.23 (0.21-0.25)	0.44 (0.41-0.47)	0.67 (0.65-0.70)			
22	0 (0-0.01)	0.02 (0.01-0.02)	0.05 (0.04-0.06)	0.12 (0.11-0.14)	0.27 (0.25-0.29)	0.49 (0.46-0.51)	0.71 (0.69-0.74)			
23	0.01 (0-0.01)	0.02 (0.02-0.03)	0.06 (0.05-0.07)	0.14 (0.13-0.16)	0.31 (0.28-0.33)	0.54 (0.51-0.56)	0.75 (0.73-0.77)			
24	0.01 (0.01-0.01)	0.03 (0.02-0.03)	0.07 (0.06-0.08)	0.17 (0.15-0.19)	0.35 (0.32-0.37)	0.58 (0.56-0.61)	0.78 (0.76-0.81)			
25	0.01 (0.01-0.01)	0.03 (0.03-0.04)	0.08 (0.07-0.09)	0.20 (0.18-0.22)	0.39 (0.37-0.42)	0.63 (0.60-0.65)	0.81 (0.79-0.83)			

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
26	0.01 (0.01-0.01)	0.04 (0.03-0.04)	0.10 (0.09-0.11)	0.23 (0.21-0.25)	0.44 (0.41-0.46)	0.67 (0.65-0.70)	0.84 (0.82-0.86)
27	0.01 (0.01-0.02)	0.04 (0.04-0.05)	0.12 (0.10-0.13)	0.26 (0.24-0.29)	0.49 (0.46-0.51)	0.71 (0.69-0.74)	0.87 (0.85-0.88)
28	0.02 (0.01-0.02)	0.05 (0.05-0.06)	0.14 (0.12-0.15)	0.30 (0.28-0.32)	0.53 (0.51-0.56)	0.75 (0.73-0.77)	0.89 (0.87-0.90)
29	0.02 (0.02-0.02)	0.06 (0.05-0.07)	0.16 (0.15-0.18)	0.34 (0.32-0.37)	0.58 (0.55-0.61)	0.78 (0.76-0.80)	0.90 (0.89-0.92)
30	0.02 (0.02-0.03)	0.07 (0.07-0.09)	0.19 (0.17-0.21)	0.39 (0.36-0.41)	0.62 (0.60-0.65)	0.81 (0.79-0.83)	0.92 (0.91-0.93)
31	0.03 (0.02-0.03)	0.09 (0.08-0.10)	0.22 (0.20-0.24)	0.43 (0.41-0.46)	0.67 (0.64-0.69)	0.84 (0.82-0.86)	0.93 (0.92-0.94)
32	0.03 (0.03-0.04)	0.11 (0.09-0.12)	0.25 (0.23-0.27)	0.48 (0.45-0.50)	0.71 (0.68-0.73)	0.86 (0.85-0.88)	0.94 (0.93-0.95)
33	0.04 (0.03-0.04)	0.12 (0.11-0.14)	0.29 (0.27-0.31)	0.53 (0.50-0.55)	0.75 (0.72-0.77)	0.88 (0.87-0.90)	0.95 (0.94-0.96)
34	0.05 (0.04-0.05)	0.15 (0.13-0.16)	0.33 (0.31-0.35)	0.57 (0.55-0.60)	0.78 (0.76-0.80)	0.90 (0.89-0.92)	0.96 (0.95-0.97)
35	0.05 (0.05-0.06)	0.17 (0.16-0.19)	0.37 (0.35-0.40)	0.62 (0.59-0.64)	0.81 (0.79-0.83)	0.92 (0.90-0.93)	0.97 (0.96-0.97)
36	0.06 (0.06-0.07)	0.20 (0.18-0.22)	0.42 (0.39-0.44)	0.66 (0.63-0.68)	0.84 (0.82-0.85)	0.93 (0.92-0.94)	0.97 (0.97-0.98)
37	0.08 (0.07-0.08)	0.23 (0.21-0.25)	0.46 (0.44-0.49)	0.70 (0.67-0.72)	0.86 (0.84-0.88)	0.94 (0.93-0.95)	0.98 (0.97-0.98)
38	0.09 (0.08-0.10)	0.26 (0.24-0.28)	0.51 (0.48-0.53)	0.74 (0.71-0.76)	0.88 (0.86-0.90)	0.95 (0.94-0.96)	0.98 (0.98-0.98)
39	0.11 (0.10-0.12)	0.30 (0.28-0.32)	0.55 (0.53-0.58)	0.77 (0.75-0.79)	0.90 (0.88-0.91)	0.96 (0.95-0.97)	0.98 (0.98-0.99)
40	0.12 (0.11-0.13)	0.34 (0.32-0.36)	0.59 (0.57-0.62)	0.80 (0.78-0.82)	0.91 (0.90-0.93)	0.96 (0.96-0.97)	0.99 (0.98-0.99)
41	0.14 (0.13-0.16)	0.38 (0.35-0.40)	0.64 (0.61-0.66)	0.82 (0.80-0.84)	0.93 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)
42	0.17 (0.15-0.18)	0.42 (0.39-0.44)	0.67 (0.65-0.70)	0.85 (0.83-0.87)	0.94 (0.92-0.95)	0.97 (0.97-0.98)	0.99 (0.99-0.99)
43	0.19 (0.18-0.20)	0.46 (0.43-0.48)	0.71 (0.68-0.73)	0.87 (0.85-0.88)	0.95 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)
44	0.22 (0.20-0.23)	0.50 (0.47-0.52)	0.74 (0.72-0.76)	0.89 (0.87-0.90)	0.95 (0.94-0.96)	0.98 (0.98-0.99)	0.99 (0.99-0.99)
45	0.24 (0.23-0.26)	0.54 (0.51-0.56)	0.77 (0.75-0.79)	0.90 (0.88-0.91)	0.96 (0.95-0.97)	0.98 (0.98-0.99)	0.99 (0.99-1.00)
46	0.27 (0.26-0.29)	0.57 (0.55-0.60)	0.80 (0.77-0.82)	0.91 (0.90-0.93)	0.97 (0.96-0.97)	0.99 (0.98-0.99)	0.99 (0.99-1.00)
47	0.30 (0.28-0.32)	0.61 (0.58-0.63)	0.82 (0.80-0.84)	0.92 (0.91-0.94)	0.97 (0.96-0.98)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
48	0.33 (0.31-0.35)	0.64 (0.61-0.67)	0.84 (0.82-0.86)	0.93 (0.92-0.94)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (0.99-1.00)
49	0.36 (0.34-0.38)	0.67 (0.64-0.69)	0.85 (0.83-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)
50	0.39 (0.37-0.41)	0.70 (0.67-0.72)	0.87 (0.85-0.88)	0.95 (0.94-0.96)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)
51	0.41 (0.39-0.44)	0.72 (0.69-0.74)	0.88 (0.86-0.90)	0.95 (0.94-0.96)	0.98 (0.98-0.99)	0.99 (0.99-0.99)	1.00 (1.00-1.00)
52	0.44 (0.42-0.46)	0.74 (0.71-0.76)	0.89 (0.87-0.91)	0.96 (0.95-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)
53	0.46 (0.44-0.49)	0.76 (0.73-0.78)	0.90 (0.88-0.91)	0.96 (0.95-0.97)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)
54	0.48 (0.46-0.51)	0.77 (0.75-0.79)	0.91 (0.89-0.92)	0.96 (0.96-0.97)	0.99 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
84	0.62 (0.60-0.63)	0.85 (0.84-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
85	0.62 (0.60-0.63)	0.85 (0.84-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
86	0.62 (0.60-0.63)	0.85 (0.84-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
87	0.62 (0.60-0.63)	0.85 (0.84-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
88	0.62 (0.60-0.63)	0.85 (0.84-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
89	0.62 (0.60-0.63)	0.85 (0.84-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
90	0.62 (0.60-0.63)	0.85 (0.84-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
91	0.62 (0.60-0.63)	0.85 (0.84-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
92	0.62 (0.60-0.63)	0.85 (0.84-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
93	0.62 (0.60-0.63)	0.85 (0.84-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
94	0.62 (0.60-0.63)	0.85 (0.84-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
95	0.62 (0.60-0.63)	0.85 (0.84-0.87)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Table 8 Conditional Probability of Onset for an Individual with 43 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.06 (0.05-0.07)			
1	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.02-0.03)	0.07 (0.07-0.08)			
2	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.01)	0.03 (0.03-0.04)	0.09 (0.08-0.10)			
3	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.01 (0.01-0.02)	0.04 (0.04-0.05)	0.11 (0.10-0.12)			
4	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.01-0.02)	0.05 (0.04-0.06)	0.13 (0.12-0.14)			
5	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.06 (0.05-0.07)	0.16 (0.14-0.17)			
6	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.02-0.03)	0.07 (0.07-0.08)	0.19 (0.17-0.20)			
7	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.01)	0.03 (0.03-0.04)	0.09 (0.08-0.10)	0.22 (0.20-0.24)			
8	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.04 (0.03-0.05)	0.11 (0.10-0.12)	0.26 (0.24-0.27)			
9	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.02)	0.05 (0.04-0.06)	0.13 (0.12-0.14)	0.30 (0.28-0.32)			
10	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.06 (0.05-0.07)	0.16 (0.14-0.17)	0.34 (0.33-0.36)			
11	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.02-0.03)	0.07 (0.07-0.08)	0.19 (0.17-0.20)	0.39 (0.37-0.41)			
12	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.03-0.04)	0.09 (0.08-0.10)	0.22 (0.20-0.24)	0.44 (0.42-0.47)			
13	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.04 (0.03-0.05)	0.11 (0.10-0.12)	0.26 (0.24-0.27)	0.50 (0.48-0.52)			
14	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.02)	0.05 (0.04-0.06)	0.13 (0.12-0.14)	0.30 (0.28-0.32)	0.55 (0.53-0.57)			
15	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.06 (0.05-0.07)	0.15 (0.14-0.17)	0.34 (0.33-0.36)	0.60 (0.58-0.62)			
16	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.02-0.03)	0.07 (0.06-0.08)	0.18 (0.17-0.20)	0.39 (0.37-0.41)	0.65 (0.63-0.67)			
17	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.03-0.04)	0.09 (0.08-0.10)	0.22 (0.20-0.23)	0.44 (0.42-0.46)	0.70 (0.68-0.72)			
18	0 (0-0)	0.01 (0.01-0.02)	0.04 (0.03-0.04)	0.11 (0.10-0.12)	0.26 (0.24-0.27)	0.50 (0.48-0.52)	0.74 (0.72-0.76)			
19	0 (0-0.01)	0.02 (0.01-0.02)	0.05 (0.04-0.05)	0.13 (0.12-0.14)	0.30 (0.28-0.32)	0.55 (0.53-0.57)	0.78 (0.76-0.79)			
20	0.01 (0-0.01)	0.02 (0.02-0.02)	0.06 (0.05-0.07)	0.15 (0.14-0.17)	0.34 (0.32-0.36)	0.60 (0.58-0.62)	0.81 (0.79-0.83)			
21	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.07 (0.06-0.08)	0.18 (0.17-0.20)	0.39 (0.37-0.41)	0.65 (0.63-0.67)	0.84 (0.82-0.86)			
22	0.01 (0.01-0.01)	0.03 (0.03-0.03)	0.09 (0.08-0.10)	0.22 (0.20-0.23)	0.44 (0.42-0.46)	0.69 (0.67-0.71)	0.87 (0.85-0.88)			
23	0.01 (0.01-0.01)	0.04 (0.03-0.04)	0.10 (0.09-0.11)	0.25 (0.24-0.27)	0.49 (0.47-0.52)	0.74 (0.72-0.76)	0.89 (0.88-0.90)			
24	0.01 (0.01-0.01)	0.04 (0.04-0.05)	0.12 (0.11-0.14)	0.29 (0.28-0.31)	0.55 (0.53-0.57)	0.78 (0.76-0.79)	0.91 (0.90-0.92)			
25	0.01 (0.01-0.02)	0.05 (0.05-0.06)	0.15 (0.14-0.16)	0.34 (0.32-0.36)	0.60 (0.58-0.62)	0.81 (0.79-0.83)	0.92 (0.91-0.93)			
26	0.02 (0.02-0.02)	0.06 (0.06-0.07)	0.18 (0.16-0.19)	0.39 (0.37-0.41)	0.65 (0.63-0.67)	0.84 (0.82-0.85)	0.94 (0.93-0.95)			

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
27	0.02 (0.02-0.02)	0.08 (0.07-0.09)	0.21 (0.20-0.23)	0.44 (0.42-0.46)	0.69 (0.67-0.71)	0.87 (0.85-0.88)	0.95 (0.94-0.96)			
28	0.03 (0.02-0.03)	0.09 (0.09-0.10)	0.25 (0.23-0.26)	0.49 (0.47-0.51)	0.73 (0.72-0.75)	0.89 (0.87-0.90)	0.96 (0.95-0.96)			
29	0.03 (0.03-0.04)	0.11 (0.10-0.12)	0.29 (0.27-0.30)	0.54 (0.52-0.56)	0.77 (0.75-0.79)	0.91 (0.89-0.92)	0.97 (0.96-0.97)			
30	0.04 (0.04-0.04)	0.14 (0.13-0.15)	0.33 (0.31-0.35)	0.59 (0.57-0.61)	0.81 (0.79-0.82)	0.92 (0.91-0.93)	0.97 (0.97-0.98)			
31	0.05 (0.04-0.05)	0.16 (0.15-0.18)	0.38 (0.36-0.40)	0.64 (0.62-0.66)	0.84 (0.82-0.85)	0.94 (0.93-0.94)	0.98 (0.97-0.98)			
32	0.06 (0.05-0.06)	0.19 (0.18-0.21)	0.43 (0.41-0.45)	0.69 (0.66-0.71)	0.86 (0.85-0.88)	0.95 (0.94-0.95)	0.98 (0.98-0.98)			
33	0.07 (0.06-0.08)	0.23 (0.21-0.24)	0.48 (0.46-0.50)	0.73 (0.71-0.75)	0.89 (0.87-0.90)	0.96 (0.95-0.96)	0.98 (0.98-0.99)			
34	0.08 (0.08-0.09)	0.26 (0.25-0.28)	0.53 (0.51-0.55)	0.77 (0.75-0.78)	0.90 (0.89-0.92)	0.96 (0.96-0.97)	0.99 (0.98-0.99)			
35	0.10 (0.09-0.11)	0.30 (0.29-0.32)	0.58 (0.55-0.60)	0.80 (0.78-0.82)	0.92 (0.91-0.93)	0.97 (0.96-0.98)	0.99 (0.99-0.99)			
36	0.12 (0.11-0.13)	0.35 (0.33-0.36)	0.62 (0.60-0.64)	0.83 (0.81-0.84)	0.93 (0.92-0.94)	0.98 (0.97-0.98)	0.99 (0.99-0.99)			
37	0.14 (0.13-0.15)	0.39 (0.37-0.41)	0.67 (0.64-0.69)	0.85 (0.84-0.87)	0.94 (0.94-0.95)	0.98 (0.98-0.98)	0.99 (0.99-0.99)			
38	0.17 (0.16-0.18)	0.44 (0.42-0.46)	0.71 (0.69-0.73)	0.88 (0.86-0.89)	0.95 (0.95-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)			
39	0.19 (0.18-0.21)	0.48 (0.46-0.50)	0.74 (0.72-0.76)	0.90 (0.88-0.91)	0.96 (0.95-0.97)	0.99 (0.98-0.99)	1.00 (0.99-1.00)			
40	0.22 (0.21-0.24)	0.53 (0.51-0.55)	0.78 (0.76-0.80)	0.91 (0.90-0.92)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (0.99-1.00)			
41	0.26 (0.24-0.27)	0.57 (0.55-0.59)	0.81 (0.79-0.82)	0.92 (0.91-0.93)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
42	0.29 (0.27-0.30)	0.61 (0.59-0.63)	0.83 (0.81-0.85)	0.93 (0.92-0.94)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
43	0.32 (0.31-0.34)	0.65 (0.63-0.67)	0.85 (0.83-0.87)	0.94 (0.93-0.95)	0.98 (0.98-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
44	0.36 (0.34-0.37)	0.68 (0.66-0.70)	0.87 (0.85-0.88)	0.95 (0.94-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)			
45	0.39 (0.37-0.41)	0.71 (0.69-0.73)	0.89 (0.87-0.90)	0.96 (0.95-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)			
46	0.42 (0.40-0.44)	0.74 (0.72-0.76)	0.90 (0.88-0.91)	0.96 (0.96-0.97)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
47	0.45 (0.43-0.47)	0.76 (0.74-0.78)	0.91 (0.90-0.92)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
48	0.48 (0.46-0.50)	0.78 (0.76-0.80)	0.92 (0.91-0.93)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
49	0.50 (0.48-0.53)	0.80 (0.78-0.82)	0.92 (0.91-0.93)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
50	0.53 (0.51-0.55)	0.81 (0.79-0.83)	0.93 (0.92-0.94)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
51	0.55 (0.53-0.57)	0.82 (0.81-0.84)	0.94 (0.93-0.94)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
52	0.56 (0.54-0.58)	0.83 (0.82-0.85)	0.94 (0.93-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
53	0.58 (0.56-0.60)	0.84 (0.82-0.86)	0.94 (0.93-0.95)	0.98 (0.98-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
54	0.59 (0.57-0.61)	0.85 (0.83-0.86)	0.95 (0.94-0.95)	0.98 (0.98-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
55	0.60 (0.58-0.62)	0.85 (0.84-0.87)	0.95 (0.94-0.95)	0.98 (0.98-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
56	0.61 (0.59-0.63)	0.86 (0.84-0.87)	0.95 (0.94-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
87	0.65 (0.63-0.67)	0.88 (0.87-0.89)	0.96 (0.95-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
88	0.65 (0.63-0.67)	0.88 (0.87-0.89)	0.96 (0.95-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
89	0.65 (0.63-0.67)	0.88 (0.87-0.89)	0.96 (0.95-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
90	0.65 (0.63-0.67)	0.88 (0.87-0.89)	0.96 (0.95-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
91	0.65 (0.63-0.67)	0.88 (0.87-0.89)	0.96 (0.95-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
92	0.65 (0.63-0.67)	0.88 (0.87-0.89)	0.96 (0.95-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
93	0.65 (0.63-0.67)	0.88 (0.87-0.89)	0.96 (0.95-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
94	0.65 (0.63-0.67)	0.88 (0.87-0.89)	0.96 (0.95-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
95	0.65 (0.63-0.67)	0.88 (0.87-0.89)	0.96 (0.95-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
27	0.04 (0.03-0.04)	0.14 (0.13-0.15)	0.35 (0.33-0.37)	0.63 (0.61-0.66)	0.84 (0.83-0.86)	0.94 (0.93-0.95)	0.98 (0.98-0.99)			
28	0.05 (0.04-0.05)	0.17 (0.16-0.18)	0.40 (0.38-0.42)	0.68 (0.66-0.70)	0.87 (0.86-0.89)	0.95 (0.95-0.96)	0.99 (0.98-0.99)			
29	0.06 (0.05-0.06)	0.20 (0.19-0.22)	0.46 (0.44-0.48)	0.73 (0.71-0.75)	0.89 (0.88-0.91)	0.96 (0.96-0.97)	0.99 (0.98-0.99)			
30	0.07 (0.06-0.08)	0.24 (0.22-0.26)	0.51 (0.49-0.54)	0.77 (0.75-0.79)	0.91 (0.90-0.92)	0.97 (0.96-0.98)	0.99 (0.99-0.99)			
31	0.09 (0.08-0.09)	0.28 (0.26-0.30)	0.57 (0.55-0.59)	0.81 (0.79-0.83)	0.93 (0.92-0.94)	0.98 (0.97-0.98)	0.99 (0.99-0.99)			
32	0.11 (0.10-0.11)	0.33 (0.31-0.34)	0.62 (0.60-0.64)	0.84 (0.82-0.86)	0.94 (0.93-0.95)	0.98 (0.98-0.98)	0.99 (0.99-1.00)			
33	0.13 (0.12-0.14)	0.38 (0.36-0.39)	0.67 (0.65-0.69)	0.87 (0.85-0.88)	0.95 (0.94-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)			
34	0.15 (0.14-0.16)	0.43 (0.41-0.45)	0.71 (0.69-0.73)	0.89 (0.87-0.90)	0.96 (0.95-0.97)	0.99 (0.98-0.99)	1.00 (0.99-1.00)			
35	0.18 (0.17-0.19)	0.48 (0.46-0.50)	0.75 (0.73-0.77)	0.91 (0.89-0.92)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
36	0.21 (0.20-0.23)	0.53 (0.50-0.55)	0.79 (0.77-0.81)	0.92 (0.91-0.93)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
37	0.25 (0.23-0.26)	0.57 (0.55-0.60)	0.82 (0.80-0.84)	0.94 (0.92-0.95)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
38	0.28 (0.27-0.30)	0.62 (0.60-0.64)	0.85 (0.83-0.86)	0.95 (0.94-0.95)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)			
39	0.32 (0.31-0.34)	0.66 (0.64-0.68)	0.87 (0.85-0.88)	0.95 (0.95-0.96)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
40	0.36 (0.34-0.38)	0.70 (0.67-0.72)	0.89 (0.87-0.90)	0.96 (0.95-0.97)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
41	0.40 (0.38-0.42)	0.73 (0.71-0.75)	0.90 (0.89-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
42	0.44 (0.41-0.46)	0.76 (0.74-0.78)	0.91 (0.90-0.93)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
43	0.47 (0.45-0.49)	0.78 (0.76-0.81)	0.92 (0.91-0.94)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
44	0.50 (0.48-0.52)	0.80 (0.78-0.82)	0.93 (0.92-0.94)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
45	0.53 (0.51-0.55)	0.82 (0.80-0.84)	0.94 (0.93-0.95)	0.98 (0.98-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
46	0.55 (0.53-0.58)	0.84 (0.82-0.85)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
47	0.58 (0.55-0.60)	0.85 (0.83-0.86)	0.95 (0.94-0.96)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
48	0.59 (0.57-0.62)	0.86 (0.84-0.87)	0.95 (0.94-0.96)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
49	0.61 (0.59-0.63)	0.87 (0.85-0.88)	0.96 (0.95-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
50	0.62 (0.60-0.64)	0.87 (0.86-0.89)	0.96 (0.95-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
51	0.63 (0.61-0.65)	0.88 (0.86-0.89)	0.96 (0.95-0.97)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
52	0.64 (0.62-0.66)	0.88 (0.87-0.89)	0.96 (0.95-0.97)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
53	0.65 (0.63-0.67)	0.88 (0.87-0.90)	0.96 (0.96-0.97)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
54	0.65 (0.63-0.68)	0.89 (0.87-0.90)	0.96 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
55	0.66 (0.64-0.68)	0.89 (0.87-0.90)	0.96 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
56	0.66 (0.64-0.68)	0.89 (0.88-0.90)	0.96 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
87	0.68 (0.66-0.70)	0.90 (0.89-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
88	0.68 (0.66-0.70)	0.90 (0.89-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
89	0.68 (0.66-0.70)	0.90 (0.89-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
90	0.68 (0.66-0.70)	0.90 (0.89-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
91	0.68 (0.66-0.70)	0.90 (0.89-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
92	0.68 (0.66-0.70)	0.90 (0.89-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
93	0.68 (0.66-0.70)	0.90 (0.89-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
94	0.68 (0.66-0.70)	0.90 (0.89-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
95	0.68 (0.66-0.70)	0.90 (0.89-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Table 10 Conditional Probability of Onset for an Individual with 45 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.02 (0.02-0.02)	0.06 (0.05-0.07)	0.18 (0.16-0.19)		
1	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.08 (0.07-0.09)	0.21 (0.20-0.23)		
2	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.02-0.04)	0.09 (0.08-0.11)	0.26 (0.24-0.28)		
3	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.04)	0.12 (0.10-0.13)	0.31 (0.29-0.33)		
4	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.05 (0.04-0.06)	0.14 (0.13-0.16)	0.36 (0.34-0.38)		
5	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.02)	0.06 (0.05-0.07)	0.18 (0.16-0.19)	0.42 (0.40-0.44)		
6	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.08 (0.07-0.09)	0.21 (0.20-0.23)	0.48 (0.46-0.50)		
7	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.02-0.04)	0.09 (0.08-0.11)	0.26 (0.24-0.28)	0.54 (0.52-0.56)		
8	0 (0-0)	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.04)	0.12 (0.10-0.13)	0.31 (0.29-0.33)	0.60 (0.58-0.62)		
9	0 (0-0)	0 (0-0.01)	0.01 (0.01-0.02)	0.05 (0.04-0.06)	0.14 (0.13-0.16)	0.36 (0.34-0.38)	0.66 (0.63-0.68)			
10	0 (0-0)	0.01 (0-0.01)	0.02 (0.01-0.02)	0.06 (0.05-0.07)	0.18 (0.16-0.19)	0.42 (0.40-0.44)	0.71 (0.69-0.73)			
11	0 (0-0)	0.01 (0.01-0.01)	0.02 (0.02-0.03)	0.07 (0.06-0.09)	0.21 (0.20-0.23)	0.48 (0.46-0.50)	0.76 (0.73-0.78)			
12	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.02-0.03)	0.09 (0.08-0.11)	0.26 (0.24-0.28)	0.54 (0.52-0.56)	0.80 (0.78-0.82)			
13	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.04)	0.12 (0.10-0.13)	0.31 (0.29-0.33)	0.60 (0.57-0.62)	0.83 (0.82-0.85)			
14	0 (0-0)	0.01 (0.01-0.02)	0.05 (0.04-0.05)	0.14 (0.13-0.16)	0.36 (0.34-0.38)	0.66 (0.63-0.68)	0.86 (0.85-0.88)			
15	0 (0-0.01)	0.02 (0.01-0.02)	0.06 (0.05-0.07)	0.18 (0.16-0.19)	0.42 (0.40-0.44)	0.71 (0.69-0.73)	0.89 (0.88-0.90)			
16	0.01 (0-0.01)	0.02 (0.02-0.03)	0.07 (0.06-0.08)	0.21 (0.20-0.23)	0.48 (0.45-0.50)	0.76 (0.73-0.78)	0.91 (0.90-0.92)			
17	0.01 (0.01-0.01)	0.03 (0.02-0.03)	0.09 (0.08-0.10)	0.26 (0.24-0.28)	0.54 (0.51-0.56)	0.80 (0.78-0.82)	0.93 (0.92-0.94)			
18	0.01 (0.01-0.01)	0.03 (0.03-0.04)	0.11 (0.10-0.13)	0.31 (0.28-0.33)	0.60 (0.57-0.62)	0.83 (0.81-0.85)	0.94 (0.93-0.95)			
19	0.01 (0.01-0.01)	0.04 (0.04-0.05)	0.14 (0.13-0.16)	0.36 (0.34-0.38)	0.65 (0.63-0.68)	0.86 (0.85-0.88)	0.96 (0.95-0.96)			
20	0.01 (0.01-0.02)	0.05 (0.05-0.06)	0.17 (0.16-0.19)	0.42 (0.39-0.44)	0.71 (0.68-0.73)	0.89 (0.88-0.90)	0.96 (0.96-0.97)			
21	0.02 (0.01-0.02)	0.07 (0.06-0.08)	0.21 (0.19-0.23)	0.48 (0.45-0.50)	0.75 (0.73-0.78)	0.91 (0.90-0.92)	0.97 (0.97-0.98)			
22	0.02 (0.02-0.02)	0.09 (0.08-0.10)	0.25 (0.23-0.27)	0.54 (0.51-0.56)	0.80 (0.78-0.82)	0.93 (0.92-0.94)	0.98 (0.97-0.98)			
23	0.03 (0.02-0.03)	0.11 (0.10-0.12)	0.30 (0.28-0.32)	0.59 (0.57-0.62)	0.83 (0.81-0.85)	0.94 (0.93-0.95)	0.98 (0.98-0.99)			
24	0.03 (0.03-0.04)	0.13 (0.12-0.15)	0.35 (0.33-0.37)	0.65 (0.63-0.67)	0.86 (0.85-0.88)	0.96 (0.95-0.96)	0.99 (0.98-0.99)			
25	0.04 (0.04-0.05)	0.16 (0.15-0.18)	0.41 (0.39-0.43)	0.70 (0.68-0.73)	0.89 (0.87-0.90)	0.96 (0.96-0.97)	0.99 (0.99-0.99)			

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
26	0.05 (0.05-0.06)	0.20 (0.18-0.21)	0.47 (0.44-0.49)	0.75 (0.73-0.77)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)
27	0.07 (0.06-0.07)	0.24 (0.22-0.25)	0.53 (0.50-0.55)	0.79 (0.77-0.81)	0.93 (0.92-0.94)	0.98 (0.97-0.98)	0.99 (0.99-0.99)
28	0.08 (0.07-0.09)	0.28 (0.26-0.30)	0.58 (0.56-0.61)	0.83 (0.81-0.85)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	0.99 (0.99-1.00)
29	0.10 (0.09-0.11)	0.33 (0.31-0.35)	0.64 (0.61-0.66)	0.86 (0.84-0.87)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)
30	0.12 (0.11-0.14)	0.38 (0.36-0.40)	0.69 (0.67-0.71)	0.88 (0.87-0.90)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)
31	0.15 (0.14-0.16)	0.44 (0.41-0.46)	0.74 (0.71-0.76)	0.91 (0.89-0.92)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)
32	0.18 (0.17-0.20)	0.49 (0.47-0.52)	0.78 (0.75-0.80)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)
33	0.22 (0.20-0.23)	0.55 (0.52-0.57)	0.81 (0.79-0.83)	0.94 (0.93-0.95)	0.98 (0.98-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)
34	0.25 (0.24-0.27)	0.60 (0.57-0.62)	0.84 (0.82-0.86)	0.95 (0.94-0.96)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)
35	0.29 (0.28-0.31)	0.65 (0.62-0.67)	0.87 (0.85-0.88)	0.96 (0.95-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)
36	0.34 (0.32-0.36)	0.69 (0.66-0.71)	0.89 (0.87-0.90)	0.96 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
37	0.38 (0.36-0.40)	0.73 (0.70-0.75)	0.91 (0.89-0.92)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
38	0.42 (0.40-0.44)	0.76 (0.74-0.78)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
39	0.46 (0.44-0.48)	0.79 (0.77-0.81)	0.93 (0.92-0.94)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
40	0.50 (0.47-0.52)	0.81 (0.79-0.83)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
41	0.53 (0.51-0.56)	0.83 (0.81-0.85)	0.95 (0.94-0.96)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
42	0.56 (0.54-0.59)	0.85 (0.83-0.87)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
43	0.59 (0.56-0.61)	0.86 (0.84-0.88)	0.96 (0.95-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
44	0.61 (0.58-0.63)	0.87 (0.85-0.89)	0.96 (0.95-0.97)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
45	0.63 (0.60-0.65)	0.88 (0.86-0.89)	0.96 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
46	0.64 (0.62-0.67)	0.89 (0.87-0.90)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
47	0.65 (0.63-0.68)	0.89 (0.88-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
48	0.66 (0.64-0.69)	0.90 (0.88-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
49	0.67 (0.65-0.69)	0.90 (0.88-0.91)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
50	0.68 (0.66-0.70)	0.90 (0.89-0.91)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
51	0.68 (0.66-0.70)	0.90 (0.89-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
52	0.69 (0.67-0.71)	0.91 (0.89-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
53	0.69 (0.67-0.71)	0.91 (0.89-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
54	0.69 (0.67-0.71)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
55	0.70 (0.68-0.71)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
86	0.70 (0.68-0.72)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
87	0.70 (0.68-0.72)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
88	0.70 (0.68-0.72)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
89	0.70 (0.68-0.72)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
90	0.70 (0.68-0.72)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
91	0.70 (0.68-0.72)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
92	0.70 (0.68-0.72)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
93	0.70 (0.68-0.72)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
94	0.70 (0.68-0.72)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
95	0.70 (0.68-0.72)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Table 11 Conditional Probability of Onset for an Individual with 46 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
1	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
2	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
3	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
4	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
5	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
6	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
7	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
8	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
9	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
10	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
11	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
12	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
13	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
14	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
15	0.01 (0-0.01)	0.03 (0.02-0.03)	0.10 (0.08-0.11)	0.28 (0.26-0.30)	0.58 (0.56-0.61)	0.84 (0.82-0.85)	0.95 (0.94-0.96)			
16	0.01 (0.01-0.01)	0.03 (0.03-0.04)	0.12 (0.11-0.14)	0.33 (0.31-0.36)	0.64 (0.62-0.67)	0.87 (0.85-0.88)	0.96 (0.95-0.97)			
17	0.01 (0.01-0.01)	0.04 (0.04-0.05)	0.15 (0.14-0.17)	0.39 (0.37-0.42)	0.70 (0.68-0.72)	0.89 (0.88-0.91)	0.97 (0.96-0.97)			
18	0.01 (0.01-0.02)	0.06 (0.05-0.07)	0.19 (0.17-0.21)	0.46 (0.43-0.48)	0.75 (0.73-0.77)	0.92 (0.92-0.94)	0.98 (0.97-0.98)			
19	0.02 (0.01-0.02)	0.07 (0.06-0.08)	0.23 (0.21-0.25)	0.52 (0.50-0.55)	0.80 (0.78-0.82)	0.93 (0.92-0.94)	0.98 (0.98-0.98)			
20	0.02 (0.02-0.03)	0.09 (0.08-0.10)	0.28 (0.26-0.30)	0.58 (0.56-0.61)	0.84 (0.82-0.85)	0.95 (0.94-0.96)	0.98 (0.98-0.99)			
21	0.03 (0.02-0.03)	0.11 (0.10-0.13)	0.33 (0.31-0.35)	0.64 (0.62-0.67)	0.87 (0.85-0.88)	0.96 (0.95-0.97)	0.99 (0.98-0.99)			
22	0.03 (0.03-0.04)	0.14 (0.13-0.16)	0.39 (0.36-0.41)	0.70 (0.67-0.72)	0.89 (0.88-0.91)	0.97 (0.96-0.97)	0.99 (0.99-0.99)			
23	0.04 (0.04-0.05)	0.18 (0.16-0.19)	0.45 (0.42-0.47)	0.75 (0.73-0.77)	0.91 (0.90-0.93)	0.97 (0.97-0.98)	0.99 (0.99-0.99)			
24	0.06 (0.05-0.06)	0.22 (0.20-0.23)	0.51 (0.49-0.54)	0.79 (0.77-0.81)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	0.99 (0.99-1.00)			
25	0.07 (0.06-0.08)	0.26 (0.24-0.28)	0.57 (0.55-0.60)	0.83 (0.81-0.85)	0.95 (0.94-0.96)	0.98 (0.98-0.99)	1.00 (0.99-1.00)			
26	0.09 (0.08-0.10)	0.31 (0.29-0.33)	0.63 (0.61-0.66)	0.86 (0.84-0.88)	0.96 (0.95-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)			
27	0.11 (0.10-0.12)	0.37 (0.34-0.39)	0.69 (0.66-0.71)	0.89 (0.87-0.90)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
28	0.14 (0.13-0.15)	0.42 (0.40-0.45)	0.74 (0.71-0.76)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)
29	0.17 (0.16-0.18)	0.48 (0.46-0.51)	0.78 (0.76-0.80)	0.93 (0.92-0.94)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)
30	0.20 (0.19-0.22)	0.54 (0.51-0.57)	0.82 (0.80-0.84)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)
31	0.24 (0.23-0.26)	0.60 (0.57-0.62)	0.85 (0.83-0.87)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)
32	0.29 (0.27-0.30)	0.65 (0.62-0.67)	0.88 (0.86-0.89)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
33	0.33 (0.31-0.35)	0.69 (0.67-0.72)	0.90 (0.88-0.91)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
34	0.38 (0.36-0.40)	0.74 (0.71-0.76)	0.91 (0.90-0.93)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
35	0.42 (0.40-0.45)	0.77 (0.75-0.79)	0.93 (0.91-0.94)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
36	0.47 (0.44-0.49)	0.80 (0.78-0.82)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
37	0.51 (0.48-0.53)	0.83 (0.80-0.84)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
38	0.54 (0.52-0.57)	0.85 (0.83-0.86)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
39	0.58 (0.55-0.60)	0.86 (0.84-0.88)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
40	0.60 (0.58-0.63)	0.87 (0.86-0.89)	0.96 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
41	0.63 (0.60-0.65)	0.89 (0.87-0.90)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
42	0.65 (0.62-0.67)	0.89 (0.88-0.91)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
43	0.66 (0.64-0.68)	0.90 (0.89-0.91)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
44	0.67 (0.65-0.70)	0.90 (0.89-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
45	0.68 (0.66-0.71)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
46	0.69 (0.67-0.71)	0.91 (0.90-0.92)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
47	0.70 (0.68-0.72)	0.91 (0.90-0.93)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
48	0.70 (0.68-0.72)	0.92 (0.90-0.93)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
49	0.71 (0.69-0.73)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
50	0.71 (0.69-0.73)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
51	0.71 (0.69-0.73)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
52	0.72 (0.70-0.73)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
53	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
54	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
55	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
56	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
57	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
88	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
89	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
90	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
91	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
92	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
93	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
94	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
95	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Table 12 Conditional Probability of Onset for an Individual with 47 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)			
1	0 (0-0)	0 (0-0)	0 (0-0.01)	0 (0-0.01)	0 (0-0.02)	0 (0-0.02)	0 (0-0.02)			
2	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.02 (0.02-0.03)	0.08 (0.07-0.09)	0.24 (0.22-0.26)	0.54 (0.52-0.57)			
3	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.02-0.03)	0.10 (0.09-0.11)	0.29 (0.27-0.32)	0.61 (0.58-0.64)			
4	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.04)	0.12 (0.11-0.14)	0.35 (0.33-0.37)	0.67 (0.65-0.70)			
5	0 (0-0)	0 (0-0)	0.01 (0.01-0.02)	0.05 (0.04-0.05)	0.16 (0.14-0.17)	0.41 (0.39-0.44)	0.73 (0.70-0.75)			
6	0 (0-0)	0 (0-0.01)	0.02 (0.01-0.02)	0.06 (0.05-0.07)	0.19 (0.18-0.21)	0.48 (0.45-0.50)	0.78 (0.75-0.80)			
7	0 (0-0)	0.01 (0-0.01)	0.02 (0.02-0.03)	0.08 (0.07-0.09)	0.24 (0.22-0.26)	0.54 (0.52-0.57)	0.82 (0.80-0.84)			
8	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.02-0.03)	0.10 (0.09-0.11)	0.29 (0.27-0.31)	0.61 (0.58-0.64)	0.86 (0.84-0.87)			
9	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.04)	0.12 (0.11-0.14)	0.35 (0.32-0.37)	0.67 (0.65-0.70)	0.89 (0.87-0.90)			
10	0 (0-0)	0.01 (0.01-0.01)	0.05 (0.04-0.05)	0.16 (0.14-0.17)	0.41 (0.39-0.44)	0.73 (0.70-0.75)	0.91 (0.90-0.92)			
11	0 (0-0)	0.02 (0.01-0.02)	0.06 (0.05-0.07)	0.19 (0.17-0.21)	0.48 (0.45-0.50)	0.78 (0.75-0.80)	0.93 (0.92-0.94)			
12	0 (0-0.01)	0.02 (0.02-0.02)	0.08 (0.07-0.09)	0.24 (0.22-0.26)	0.54 (0.52-0.57)	0.82 (0.80-0.84)	0.95 (0.94-0.95)			
13	0.01 (0-0.01)	0.03 (0.02-0.03)	0.10 (0.08-0.11)	0.29 (0.27-0.31)	0.61 (0.58-0.63)	0.86 (0.84-0.87)	0.96 (0.95-0.96)			
14	0.01 (0.01-0.01)	0.03 (0.03-0.04)	0.12 (0.11-0.14)	0.35 (0.32-0.37)	0.67 (0.65-0.69)	0.89 (0.87-0.90)	0.97 (0.96-0.97)			
15	0.01 (0.01-0.01)	0.04 (0.04-0.05)	0.15 (0.14-0.17)	0.41 (0.39-0.44)	0.73 (0.70-0.75)	0.91 (0.90-0.92)	0.97 (0.97-0.98)			
16	0.01 (0.01-0.01)	0.06 (0.05-0.06)	0.19 (0.17-0.21)	0.48 (0.45-0.50)	0.78 (0.75-0.80)	0.93 (0.92-0.94)	0.98 (0.98-0.98)			
17	0.02 (0.01-0.02)	0.07 (0.06-0.08)	0.24 (0.22-0.26)	0.54 (0.52-0.57)	0.82 (0.80-0.84)	0.95 (0.94-0.95)	0.98 (0.98-0.99)			
18	0.02 (0.02-0.02)	0.09 (0.08-0.10)	0.29 (0.26-0.31)	0.61 (0.58-0.63)	0.85 (0.84-0.87)	0.96 (0.95-0.96)	0.99 (0.99-0.99)			
19	0.03 (0.02-0.03)	0.12 (0.10-0.13)	0.34 (0.32-0.37)	0.67 (0.64-0.69)	0.88 (0.87-0.90)	0.97 (0.96-0.97)	0.99 (0.99-0.99)			
20	0.03 (0.03-0.04)	0.15 (0.13-0.16)	0.40 (0.38-0.43)	0.72 (0.70-0.75)	0.91 (0.90-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)			
21	0.04 (0.04-0.05)	0.18 (0.16-0.20)	0.47 (0.44-0.50)	0.77 (0.75-0.79)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	0.99 (0.99-1.00)			
22	0.06 (0.05-0.06)	0.22 (0.20-0.24)	0.53 (0.51-0.56)	0.82 (0.80-0.83)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)			
23	0.07 (0.06-0.08)	0.27 (0.25-0.29)	0.60 (0.57-0.62)	0.85 (0.83-0.87)	0.96 (0.95-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)			
24	0.09 (0.08-0.10)	0.33 (0.30-0.35)	0.66 (0.63-0.68)	0.88 (0.87-0.90)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
25	0.11 (0.10-0.13)	0.38 (0.36-0.41)	0.71 (0.69-0.74)	0.91 (0.89-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
26	0.14 (0.13-0.16)	0.45 (0.42-0.47)	0.76 (0.74-0.78)	0.93 (0.91-0.94)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)			
27	0.18 (0.16-0.19)	0.51 (0.48-0.53)	0.80 (0.78-0.82)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
28	0.21 (0.20-0.23)	0.57 (0.54-0.59)	0.84 (0.82-0.86)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
29	0.26 (0.24-0.28)	0.62 (0.60-0.65)	0.87 (0.85-0.89)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
30	0.30 (0.28-0.32)	0.68 (0.65-0.70)	0.89 (0.88-0.91)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
31	0.35 (0.33-0.37)	0.72 (0.70-0.75)	0.91 (0.90-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
32	0.40 (0.38-0.42)	0.76 (0.74-0.79)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
33	0.45 (0.43-0.47)	0.80 (0.77-0.82)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
34	0.49 (0.47-0.52)	0.82 (0.80-0.84)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
35	0.54 (0.51-0.56)	0.85 (0.83-0.86)	0.96 (0.95-0.96)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
36	0.57 (0.55-0.60)	0.87 (0.85-0.88)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
37	0.60 (0.58-0.63)	0.88 (0.86-0.89)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
38	0.63 (0.61-0.65)	0.89 (0.88-0.91)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
39	0.65 (0.63-0.68)	0.90 (0.89-0.91)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
40	0.67 (0.65-0.69)	0.91 (0.89-0.92)	0.98 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
41	0.69 (0.66-0.71)	0.91 (0.90-0.92)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
42	0.70 (0.67-0.72)	0.92 (0.90-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
43	0.71 (0.68-0.73)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
44	0.71 (0.69-0.73)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
45	0.72 (0.70-0.74)	0.92 (0.91-0.93)	0.98 (0.98-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
46	0.72 (0.70-0.74)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
47	0.73 (0.71-0.74)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
48	0.73 (0.71-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
49	0.73 (0.71-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
50	0.73 (0.71-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
51	0.73 (0.71-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
52	0.73 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
53	0.73 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
54	0.74 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
55	0.74 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
56	0.74 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
57	0.74 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
88	0.74 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
89	0.74 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
90	0.74 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
91	0.74 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
92	0.74 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
93	0.74 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
94	0.74 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
95	0.74 (0.72-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Table 13 Conditional Probability of Onset for an Individual with 48 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0 (0-0.01)	0.02 (0.02-0.02)	0.07 (0.06-0.08)	0.23 (0.21-0.26)	0.55 (0.52-0.57)			
1	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.02 (0.02-0.03)	0.09 (0.08-0.11)	0.29 (0.26-0.31)	0.61 (0.59-0.64)			
2	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.03-0.04)	0.12 (0.10-0.13)	0.35 (0.32-0.37)	0.68 (0.65-0.70)			
3	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.05)	0.15 (0.13-0.17)	0.41 (0.38-0.44)	0.73 (0.71-0.76)			
4	0 (0-0)	0 (0-0)	0.01 (0.01-0.02)	0.05 (0.05-0.06)	0.19 (0.17-0.21)	0.48 (0.45-0.50)	0.78 (0.76-0.81)			
5	0 (0-0)	0 (0-0.01)	0.02 (0.01-0.02)	0.07 (0.06-0.08)	0.23 (0.21-0.26)	0.55 (0.52-0.57)	0.83 (0.81-0.85)			
6	0 (0-0)	0.01 (0-0.01)	0.02 (0.02-0.03)	0.09 (0.08-0.10)	0.29 (0.26-0.31)	0.61 (0.59-0.64)	0.86 (0.85-0.88)			
7	0 (0-0)	0.01 (0.01-0.01)	0.03 (0.03-0.04)	0.12 (0.10-0.13)	0.34 (0.32-0.37)	0.68 (0.65-0.70)	0.89 (0.88-0.91)			
8	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.05)	0.15 (0.13-0.17)	0.41 (0.38-0.44)	0.73 (0.71-0.76)	0.92 (0.90-0.93)			
9	0 (0-0)	0.01 (0.01-0.02)	0.05 (0.05-0.06)	0.19 (0.17-0.21)	0.48 (0.45-0.50)	0.78 (0.76-0.81)	0.94 (0.92-0.95)			
10	0 (0-0)	0.02 (0.01-0.02)	0.07 (0.06-0.08)	0.23 (0.21-0.25)	0.55 (0.52-0.57)	0.83 (0.81-0.85)	0.95 (0.94-0.96)			
11	0 (0-0.01)	0.02 (0.02-0.03)	0.09 (0.08-0.10)	0.28 (0.26-0.31)	0.61 (0.59-0.64)	0.86 (0.85-0.88)	0.96 (0.95-0.97)			
12	0.01 (0-0.01)	0.03 (0.03-0.04)	0.12 (0.10-0.13)	0.34 (0.32-0.37)	0.68 (0.65-0.70)	0.89 (0.88-0.91)	0.97 (0.96-0.98)			
13	0.01 (0.01-0.01)	0.04 (0.03-0.05)	0.15 (0.13-0.16)	0.41 (0.38-0.43)	0.73 (0.71-0.76)	0.92 (0.90-0.93)	0.98 (0.97-0.98)			
14	0.01 (0.01-0.01)	0.05 (0.04-0.06)	0.18 (0.17-0.20)	0.48 (0.45-0.50)	0.78 (0.76-0.80)	0.94 (0.92-0.95)	0.98 (0.98-0.99)			
15	0.01 (0.01-0.02)	0.07 (0.06-0.08)	0.23 (0.21-0.25)	0.54 (0.52-0.57)	0.83 (0.81-0.85)	0.95 (0.94-0.96)	0.99 (0.98-0.99)			
16	0.02 (0.02-0.02)	0.09 (0.07-0.10)	0.28 (0.26-0.30)	0.61 (0.58-0.64)	0.86 (0.84-0.88)	0.96 (0.95-0.97)	0.99 (0.99-0.99)			
17	0.02 (0.02-0.03)	0.11 (0.10-0.12)	0.34 (0.32-0.36)	0.67 (0.65-0.70)	0.89 (0.88-0.91)	0.97 (0.96-0.98)	0.99 (0.99-0.99)			
18	0.03 (0.03-0.04)	0.14 (0.12-0.16)	0.40 (0.38-0.43)	0.73 (0.71-0.75)	0.92 (0.90-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)			
19	0.04 (0.04-0.05)	0.18 (0.16-0.19)	0.47 (0.44-0.50)	0.78 (0.76-0.80)	0.93 (0.92-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)			
20	0.05 (0.05-0.06)	0.22 (0.20-0.24)	0.54 (0.51-0.56)	0.82 (0.80-0.84)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)			
21	0.07 (0.06-0.08)	0.27 (0.25-0.29)	0.60 (0.58-0.63)	0.86 (0.84-0.88)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
22	0.09 (0.08-0.10)	0.32 (0.30-0.35)	0.67 (0.64-0.69)	0.89 (0.87-0.90)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
23	0.11 (0.10-0.12)	0.38 (0.36-0.41)	0.72 (0.70-0.75)	0.91 (0.90-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)			
24	0.14 (0.13-0.15)	0.45 (0.42-0.47)	0.77 (0.75-0.79)	0.93 (0.92-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
25	0.17 (0.16-0.19)	0.51 (0.49-0.54)	0.81 (0.79-0.83)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
26	0.21 (0.20-0.23)	0.58 (0.55-0.60)	0.85 (0.83-0.87)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
27	0.26 (0.24-0.28)	0.63 (0.61-0.66)	0.88 (0.86-0.89)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
28	0.31 (0.29-0.33)	0.69 (0.66-0.71)	0.90 (0.89-0.92)	0.97 (0.97-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
29	0.36 (0.34-0.38)	0.73 (0.71-0.76)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
30	0.41 (0.39-0.43)	0.78 (0.75-0.80)	0.94 (0.92-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
31	0.46 (0.43-0.48)	0.81 (0.79-0.83)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
32	0.51 (0.48-0.53)	0.84 (0.81-0.86)	0.96 (0.95-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
33	0.55 (0.52-0.58)	0.86 (0.84-0.88)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
34	0.59 (0.56-0.61)	0.88 (0.86-0.89)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
35	0.62 (0.59-0.65)	0.89 (0.87-0.91)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
36	0.65 (0.62-0.67)	0.90 (0.88-0.91)	0.97 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
37	0.67 (0.64-0.69)	0.91 (0.89-0.92)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
38	0.69 (0.66-0.71)	0.92 (0.90-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
39	0.70 (0.68-0.72)	0.92 (0.91-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
40	0.71 (0.69-0.73)	0.92 (0.91-0.94)	0.98 (0.98-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
41	0.72 (0.70-0.74)	0.93 (0.92-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
42	0.73 (0.70-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
43	0.73 (0.71-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
44	0.74 (0.71-0.76)	0.93 (0.92-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
45	0.74 (0.72-0.76)	0.93 (0.92-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
46	0.74 (0.72-0.76)	0.93 (0.92-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
47	0.74 (0.72-0.76)	0.93 (0.92-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
48	0.74 (0.72-0.76)	0.94 (0.93-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
49	0.75 (0.73-0.76)	0.94 (0.93-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
50	0.75 (0.73-0.76)	0.94 (0.93-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
51	0.75 (0.73-0.76)	0.94 (0.93-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
52	0.75 (0.73-0.76)	0.94 (0.93-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
53	0.75 (0.73-0.77)	0.94 (0.93-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
54	0.75 (0.73-0.77)	0.94 (0.93-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
55	0.75 (0.73-0.77)	0.94 (0.93-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
56	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
87	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
88	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
89	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
90	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
91	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
92	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
93	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
94	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
95	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Table 14 Conditional Probability of Onset for an Individual with 49 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0.01 (0-0.01)	0.03 (0.02-0.03)	0.10 (0.09-0.12)	0.32 (0.30-0.35)	0.66 (0.64-0.69)			
1	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.04)	0.13 (0.12-0.15)	0.39 (0.36-0.42)	0.72 (0.70-0.75)			
2	0 (0-0)	0 (0-0)	0.01 (0.01-0.02)	0.05 (0.04-0.06)	0.17 (0.15-0.19)	0.46 (0.43-0.49)	0.78 (0.75-0.80)			
3	0 (0-0)	0 (0-0.01)	0.02 (0.01-0.02)	0.06 (0.05-0.07)	0.21 (0.19-0.24)	0.53 (0.50-0.56)	0.82 (0.80-0.84)			
4	0 (0-0)	0 (0-0.01)	0.02 (0.02-0.03)	0.08 (0.07-0.10)	0.27 (0.24-0.29)	0.60 (0.57-0.63)	0.86 (0.84-0.88)			
5	0 (0-0)	0.01 (0-0.01)	0.03 (0.02-0.03)	0.10 (0.09-0.12)	0.32 (0.30-0.35)	0.66 (0.64-0.69)	0.89 (0.87-0.91)			
6	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.04)	0.13 (0.12-0.15)	0.39 (0.36-0.42)	0.72 (0.70-0.75)	0.92 (0.90-0.93)			
7	0 (0-0)	0.01 (0.01-0.01)	0.05 (0.04-0.06)	0.17 (0.15-0.19)	0.46 (0.43-0.49)	0.78 (0.75-0.80)	0.93 (0.92-0.95)			
8	0 (0-0)	0.01 (0.01-0.02)	0.06 (0.05-0.07)	0.21 (0.19-0.24)	0.53 (0.50-0.56)	0.82 (0.80-0.84)	0.95 (0.94-0.96)			
9	0 (0-0.01)	0.02 (0.02-0.02)	0.08 (0.07-0.09)	0.27 (0.24-0.29)	0.60 (0.57-0.63)	0.86 (0.84-0.88)	0.96 (0.95-0.97)			
10	0.01 (0-0.01)	0.03 (0.02-0.03)	0.10 (0.09-0.12)	0.32 (0.30-0.35)	0.66 (0.64-0.69)	0.89 (0.87-0.91)	0.97 (0.96-0.98)			
11	0.01 (0.01-0.01)	0.03 (0.03-0.04)	0.13 (0.12-0.15)	0.39 (0.36-0.42)	0.72 (0.70-0.75)	0.92 (0.90-0.93)	0.98 (0.97-0.98)			
12	0.01 (0.01-0.01)	0.04 (0.04-0.05)	0.17 (0.15-0.19)	0.46 (0.43-0.49)	0.78 (0.75-0.80)	0.93 (0.92-0.95)	0.98 (0.98-0.99)			
13	0.01 (0.01-0.02)	0.06 (0.05-0.07)	0.21 (0.19-0.23)	0.53 (0.50-0.56)	0.82 (0.80-0.84)	0.95 (0.94-0.96)	0.99 (0.98-0.99)			
14	0.02 (0.01-0.02)	0.08 (0.06-0.09)	0.26 (0.24-0.29)	0.60 (0.57-0.63)	0.86 (0.84-0.88)	0.96 (0.95-0.97)	0.99 (0.99-0.99)			
15	0.02 (0.02-0.03)	0.10 (0.09-0.11)	0.32 (0.30-0.35)	0.66 (0.63-0.69)	0.89 (0.87-0.91)	0.97 (0.96-0.98)	0.99 (0.99-0.99)			
16	0.03 (0.02-0.03)	0.13 (0.11-0.14)	0.38 (0.36-0.41)	0.72 (0.69-0.75)	0.91 (0.90-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)			
17	0.04 (0.03-0.04)	0.16 (0.14-0.18)	0.45 (0.42-0.48)	0.77 (0.75-0.80)	0.93 (0.92-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)			
18	0.05 (0.04-0.06)	0.20 (0.18-0.22)	0.52 (0.49-0.55)	0.82 (0.80-0.84)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)			
19	0.06 (0.05-0.07)	0.25 (0.23-0.27)	0.59 (0.56-0.62)	0.86 (0.84-0.88)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
20	0.08 (0.07-0.09)	0.31 (0.28-0.33)	0.66 (0.63-0.68)	0.89 (0.87-0.90)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
21	0.10 (0.09-0.11)	0.37 (0.34-0.39)	0.71 (0.69-0.74)	0.91 (0.90-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)			
22	0.13 (0.12-0.14)	0.43 (0.41-0.46)	0.77 (0.74-0.79)	0.93 (0.92-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
23	0.16 (0.15-0.18)	0.50 (0.47-0.53)	0.81 (0.79-0.83)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
24	0.20 (0.18-0.22)	0.56 (0.53-0.59)	0.85 (0.83-0.87)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
25	0.25 (0.23-0.27)	0.63 (0.60-0.65)	0.88 (0.86-0.90)	0.97 (0.96-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
26	0.30 (0.27-0.32)	0.68 (0.65-0.71)	0.90 (0.88-0.92)	0.97 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
27	0.35 (0.32-0.37)	0.73 (0.70-0.76)	0.92 (0.91-0.94)	0.98 (0.97-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
28	0.40 (0.38-0.43)	0.77 (0.75-0.80)	0.94 (0.92-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
29	0.45 (0.43-0.48)	0.81 (0.78-0.83)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
30	0.50 (0.47-0.53)	0.84 (0.81-0.86)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
31	0.55 (0.52-0.58)	0.86 (0.84-0.88)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
32	0.59 (0.56-0.62)	0.88 (0.86-0.90)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
33	0.62 (0.59-0.65)	0.89 (0.87-0.91)	0.97 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
34	0.65 (0.62-0.68)	0.91 (0.89-0.92)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
35	0.67 (0.64-0.70)	0.91 (0.90-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
36	0.69 (0.66-0.72)	0.92 (0.90-0.93)	0.98 (0.97-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
37	0.71 (0.68-0.73)	0.93 (0.91-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
38	0.72 (0.69-0.74)	0.93 (0.92-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
39	0.73 (0.70-0.75)	0.93 (0.92-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
40	0.74 (0.71-0.76)	0.93 (0.92-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
41	0.74 (0.72-0.76)	0.94 (0.92-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
42	0.74 (0.72-0.77)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
43	0.75 (0.72-0.77)	0.94 (0.93-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
44	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
45	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
46	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
47	0.75 (0.73-0.77)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
48	0.75 (0.73-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
49	0.76 (0.73-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
50	0.76 (0.73-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
51	0.76 (0.73-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
52	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
53	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
54	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
55	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
86	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
87	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
88	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
89	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
90	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
91	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
92	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
93	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
94	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
95	0.76 (0.74-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Table 15 Conditional Probability of Onset for an Individual with 50 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.05)	0.15 (0.13-0.17)	0.42 (0.39-0.45)	0.76 (0.73-0.78)			
1	0 (0-0)	0 (0-0)	0.01 (0.01-0.02)	0.05 (0.04-0.06)	0.19 (0.16-0.21)	0.49 (0.46-0.53)	0.81 (0.78-0.83)			
2	0 (0-0)	0 (0-0.01)	0.02 (0.01-0.02)	0.07 (0.05-0.08)	0.24 (0.21-0.26)	0.57 (0.53-0.60)	0.85 (0.82-0.87)			
3	0 (0-0)	0.01 (0-0.01)	0.02 (0.02-0.03)	0.09 (0.07-0.11)	0.29 (0.26-0.32)	0.63 (0.60-0.67)	0.88 (0.86-0.90)			
4	0 (0-0)	0.01 (0-0.01)	0.03 (0.02-0.04)	0.11 (0.10-0.13)	0.35 (0.32-0.39)	0.70 (0.67-0.73)	0.91 (0.89-0.92)			
5	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.05)	0.15 (0.13-0.17)	0.42 (0.39-0.45)	0.76 (0.73-0.78)	0.93 (0.91-0.94)			
6	0 (0-0)	0.01 (0.01-0.02)	0.05 (0.04-0.06)	0.19 (0.16-0.21)	0.49 (0.46-0.53)	0.81 (0.78-0.83)	0.95 (0.93-0.96)			
7	0 (0-0)	0.02 (0.01-0.02)	0.07 (0.05-0.08)	0.23 (0.21-0.26)	0.57 (0.53-0.60)	0.85 (0.82-0.87)	0.96 (0.95-0.97)			
8	0 (0-0.01)	0.02 (0.02-0.03)	0.09 (0.07-0.10)	0.29 (0.26-0.32)	0.63 (0.60-0.67)	0.88 (0.86-0.90)	0.97 (0.96-0.98)			
9	0.01 (0-0.01)	0.03 (0.02-0.04)	0.11 (0.10-0.13)	0.35 (0.32-0.38)	0.70 (0.67-0.73)	0.91 (0.89-0.92)	0.98 (0.97-0.98)			
10	0.01 (0.01-0.01)	0.04 (0.03-0.05)	0.15 (0.13-0.17)	0.42 (0.39-0.45)	0.76 (0.73-0.78)	0.93 (0.91-0.94)	0.98 (0.98-0.99)			
11	0.01 (0.01-0.01)	0.05 (0.04-0.06)	0.19 (0.16-0.21)	0.49 (0.46-0.52)	0.80 (0.78-0.83)	0.95 (0.93-0.96)	0.99 (0.98-0.99)			
12	0.01 (0.01-0.02)	0.06 (0.05-0.08)	0.23 (0.21-0.26)	0.56 (0.53-0.60)	0.85 (0.82-0.87)	0.96 (0.95-0.97)	0.99 (0.99-0.99)			
13	0.02 (0.01-0.02)	0.08 (0.07-0.10)	0.29 (0.26-0.32)	0.63 (0.60-0.66)	0.88 (0.86-0.90)	0.97 (0.96-0.98)	0.99 (0.99-0.99)			
14	0.02 (0.02-0.03)	0.11 (0.09-0.13)	0.35 (0.32-0.38)	0.70 (0.66-0.73)	0.91 (0.89-0.92)	0.98 (0.97-0.98)	0.99 (0.99-1.00)			
15	0.03 (0.02-0.04)	0.14 (0.12-0.16)	0.42 (0.39-0.45)	0.75 (0.72-0.78)	0.93 (0.91-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)			
16	0.04 (0.03-0.05)	0.18 (0.16-0.20)	0.49 (0.46-0.52)	0.80 (0.77-0.83)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)			
17	0.05 (0.04-0.06)	0.22 (0.20-0.25)	0.56 (0.53-0.59)	0.84 (0.82-0.87)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
18	0.07 (0.06-0.08)	0.27 (0.25-0.30)	0.63 (0.59-0.66)	0.88 (0.85-0.90)	0.97 (0.96-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
19	0.09 (0.08-0.10)	0.33 (0.31-0.36)	0.69 (0.66-0.72)	0.90 (0.88-0.92)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)			
20	0.11 (0.10-0.13)	0.40 (0.37-0.43)	0.75 (0.71-0.78)	0.93 (0.91-0.94)	0.98 (0.97-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
21	0.14 (0.13-0.16)	0.47 (0.44-0.50)	0.79 (0.76-0.82)	0.94 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
22	0.18 (0.16-0.20)	0.53 (0.50-0.57)	0.84 (0.81-0.86)	0.96 (0.94-0.97)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
23	0.22 (0.20-0.24)	0.60 (0.57-0.63)	0.87 (0.84-0.89)	0.97 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
24	0.27 (0.25-0.29)	0.66 (0.63-0.69)	0.90 (0.87-0.91)	0.97 (0.96-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
25	0.32 (0.30-0.35)	0.71 (0.68-0.75)	0.92 (0.90-0.93)	0.98 (0.97-0.98)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
26	0.38 (0.35-0.41)	0.76 (0.73-0.79)	0.93 (0.92-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
27	0.43 (0.40-0.46)	0.80 (0.77-0.83)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
28	0.48 (0.45-0.52)	0.83 (0.80-0.86)	0.96 (0.94-0.97)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
29	0.53 (0.50-0.57)	0.86 (0.83-0.88)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
30	0.58 (0.54-0.61)	0.88 (0.85-0.90)	0.97 (0.96-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
31	0.61 (0.58-0.65)	0.89 (0.87-0.91)	0.97 (0.96-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
32	0.65 (0.61-0.68)	0.91 (0.88-0.92)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
33	0.67 (0.64-0.71)	0.91 (0.89-0.93)	0.98 (0.97-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
34	0.69 (0.66-0.73)	0.92 (0.90-0.94)	0.98 (0.97-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
35	0.71 (0.68-0.74)	0.93 (0.91-0.94)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
36	0.72 (0.69-0.75)	0.93 (0.91-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
37	0.73 (0.70-0.76)	0.93 (0.92-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
38	0.74 (0.71-0.77)	0.94 (0.92-0.95)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
39	0.75 (0.72-0.77)	0.94 (0.92-0.95)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
40	0.75 (0.72-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
41	0.75 (0.73-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
42	0.76 (0.73-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
43	0.76 (0.73-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
44	0.76 (0.73-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
45	0.76 (0.73-0.78)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
46	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
47	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
48	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
49	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
50	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
51	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
52	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
53	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
54	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
55	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
86	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
87	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
88	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
89	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
90	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
91	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
92	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
93	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
94	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
95	0.76 (0.74-0.79)	0.94 (0.93-0.95)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Table 16 Conditional Probability of Onset for an Individual with 51 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0)	0.01 (0.01-0.02)	0.05 (0.04-0.07)	0.20 (0.17-0.23)	0.52 (0.48-0.55)	0.82 (0.79-0.85)			
1	0 (0-0)	0 (0-0.01)	0.02 (0.01-0.02)	0.07 (0.06-0.09)	0.25 (0.22-0.28)	0.59 (0.55-0.63)	0.86 (0.83-0.89)			
2	0 (0-0)	0.01 (0-0.01)	0.02 (0.02-0.03)	0.09 (0.07-0.11)	0.31 (0.27-0.34)	0.66 (0.62-0.69)	0.89 (0.87-0.91)			
3	0 (0-0)	0.01 (0-0.01)	0.03 (0.02-0.04)	0.12 (0.10-0.15)	0.37 (0.34-0.41)	0.72 (0.68-0.75)	0.92 (0.89-0.93)			
4	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.05)	0.15 (0.13-0.18)	0.44 (0.40-0.48)	0.77 (0.74-0.81)	0.94 (0.92-0.95)			
5	0 (0-0)	0.01 (0.01-0.02)	0.05 (0.04-0.07)	0.20 (0.17-0.23)	0.52 (0.48-0.55)	0.82 (0.79-0.85)	0.95 (0.94-0.96)			
6	0 (0-0)	0.02 (0.01-0.02)	0.07 (0.06-0.09)	0.25 (0.22-0.28)	0.59 (0.55-0.63)	0.86 (0.83-0.89)	0.96 (0.95-0.97)			
7	0 (0-0.01)	0.02 (0.02-0.03)	0.09 (0.07-0.11)	0.31 (0.27-0.34)	0.66 (0.62-0.69)	0.89 (0.87-0.91)	0.97 (0.96-0.98)			
8	0.01 (0-0.01)	0.03 (0.02-0.04)	0.12 (0.10-0.14)	0.37 (0.34-0.41)	0.72 (0.68-0.75)	0.92 (0.89-0.93)	0.98 (0.97-0.99)			
9	0.01 (0.01-0.01)	0.04 (0.03-0.05)	0.15 (0.13-0.18)	0.44 (0.40-0.48)	0.77 (0.74-0.81)	0.94 (0.92-0.95)	0.98 (0.98-0.99)			
10	0.01 (0.01-0.01)	0.05 (0.04-0.07)	0.20 (0.17-0.23)	0.51 (0.48-0.55)	0.82 (0.79-0.85)	0.95 (0.94-0.96)	0.99 (0.98-0.99)			
11	0.01 (0.01-0.02)	0.07 (0.05-0.08)	0.25 (0.21-0.28)	0.59 (0.55-0.62)	0.86 (0.83-0.88)	0.96 (0.95-0.97)	0.99 (0.99-0.99)			
12	0.02 (0.01-0.02)	0.09 (0.07-0.11)	0.30 (0.27-0.34)	0.65 (0.62-0.69)	0.89 (0.87-0.91)	0.97 (0.96-0.98)	0.99 (0.99-1.00)			
13	0.02 (0.02-0.03)	0.11 (0.09-0.14)	0.37 (0.33-0.40)	0.72 (0.68-0.75)	0.92 (0.89-0.93)	0.98 (0.97-0.99)	1.00 (0.99-1.00)			
14	0.03 (0.02-0.04)	0.15 (0.12-0.17)	0.44 (0.40-0.47)	0.77 (0.74-0.80)	0.94 (0.92-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)			
15	0.04 (0.03-0.05)	0.19 (0.16-0.22)	0.51 (0.47-0.55)	0.82 (0.79-0.85)	0.95 (0.94-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)			
16	0.05 (0.04-0.07)	0.23 (0.21-0.27)	0.58 (0.54-0.62)	0.86 (0.83-0.88)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)			
17	0.07 (0.06-0.09)	0.29 (0.26-0.32)	0.65 (0.61-0.69)	0.89 (0.86-0.91)	0.97 (0.96-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)			
18	0.09 (0.08-0.11)	0.35 (0.32-0.39)	0.71 (0.67-0.75)	0.91 (0.89-0.93)	0.98 (0.97-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
19	0.12 (0.10-0.14)	0.42 (0.38-0.46)	0.76 (0.73-0.80)	0.93 (0.91-0.95)	0.98 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
20	0.15 (0.13-0.17)	0.49 (0.45-0.53)	0.81 (0.78-0.84)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
21	0.19 (0.17-0.21)	0.56 (0.52-0.60)	0.85 (0.82-0.88)	0.96 (0.95-0.97)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
22	0.24 (0.21-0.26)	0.62 (0.58-0.66)	0.88 (0.85-0.90)	0.97 (0.96-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
23	0.29 (0.26-0.31)	0.68 (0.64-0.72)	0.91 (0.88-0.93)	0.98 (0.97-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
24	0.34 (0.31-0.37)	0.73 (0.69-0.77)	0.93 (0.90-0.94)	0.98 (0.97-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
25	0.40 (0.36-0.43)	0.78 (0.74-0.81)	0.94 (0.92-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
26	0.45 (0.41-0.49)	0.81 (0.78-0.85)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			

Conditional Probability (95% CI) within							
Current age (years)	5 years	10 years	15 years	20 years	25 years	30 years	35 years
87	0.77 (0.74-0.80)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
88	0.77 (0.74-0.80)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
89	0.77 (0.74-0.80)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
90	0.77 (0.74-0.80)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
91	0.77 (0.74-0.80)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
92	0.77 (0.74-0.80)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
93	0.77 (0.74-0.80)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
94	0.77 (0.74-0.80)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
95	0.77 (0.74-0.80)	0.95 (0.93-0.96)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)

Table 17 Conditional Probability of Onset for an Individual with 52 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0.01)	0.02 (0.01-0.03)	0.07 (0.05-0.09)	0.25 (0.22-0.29)	0.60 (0.55-0.64)	0.87 (0.83-0.89)			
1	0 (0-0)	0.01 (0-0.01)	0.02 (0.02-0.03)	0.09 (0.07-0.12)	0.31 (0.27-0.36)	0.67 (0.62-0.71)	0.90 (0.87-0.92)			
2	0 (0-0)	0.01 (0-0.01)	0.03 (0.02-0.04)	0.12 (0.10-0.15)	0.38 (0.34-0.42)	0.73 (0.68-0.77)	0.92 (0.90-0.94)			
3	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.06)	0.16 (0.13-0.19)	0.45 (0.41-0.50)	0.78 (0.74-0.82)	0.94 (0.92-0.96)			
4	0 (0-0)	0.01 (0.01-0.02)	0.05 (0.04-0.07)	0.20 (0.17-0.24)	0.52 (0.48-0.57)	0.83 (0.79-0.86)	0.96 (0.94-0.97)			
5	0 (0-0.01)	0.02 (0.01-0.02)	0.07 (0.05-0.09)	0.25 (0.22-0.29)	0.60 (0.55-0.64)	0.87 (0.83-0.89)	0.97 (0.95-0.98)			
6	0 (0-0.01)	0.02 (0.02-0.03)	0.09 (0.07-0.12)	0.31 (0.27-0.35)	0.67 (0.62-0.71)	0.90 (0.87-0.92)	0.97 (0.96-0.98)			
7	0.01 (0-0.01)	0.03 (0.02-0.04)	0.12 (0.10-0.15)	0.38 (0.34-0.42)	0.73 (0.68-0.77)	0.92 (0.90-0.94)	0.98 (0.97-0.99)			
8	0.01 (0-0.01)	0.04 (0.03-0.05)	0.16 (0.13-0.19)	0.45 (0.40-0.50)	0.78 (0.74-0.82)	0.94 (0.92-0.96)	0.99 (0.98-0.99)			
9	0.01 (0.01-0.01)	0.05 (0.04-0.07)	0.20 (0.17-0.23)	0.52 (0.48-0.57)	0.83 (0.79-0.86)	0.95 (0.94-0.97)	0.99 (0.98-0.99)			
10	0.01 (0.01-0.02)	0.07 (0.05-0.09)	0.25 (0.21-0.29)	0.60 (0.55-0.64)	0.87 (0.83-0.89)	0.97 (0.95-0.98)	0.99 (0.99-1.00)			
11	0.02 (0.01-0.03)	0.09 (0.07-0.11)	0.31 (0.27-0.35)	0.66 (0.62-0.71)	0.90 (0.87-0.92)	0.97 (0.96-0.98)	0.99 (0.99-1.00)			
12	0.02 (0.02-0.03)	0.12 (0.09-0.14)	0.37 (0.33-0.42)	0.73 (0.68-0.77)	0.92 (0.90-0.94)	0.98 (0.97-0.99)	1.00 (0.99-1.00)			
13	0.03 (0.02-0.04)	0.15 (0.12-0.18)	0.45 (0.40-0.49)	0.78 (0.74-0.82)	0.94 (0.92-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)			
14	0.04 (0.03-0.05)	0.19 (0.16-0.22)	0.52 (0.47-0.56)	0.83 (0.79-0.86)	0.95 (0.94-0.97)	0.99 (0.98-0.99)	1.00 (1.00-1.00)			
15	0.06 (0.04-0.07)	0.24 (0.21-0.28)	0.59 (0.54-0.64)	0.86 (0.83-0.89)	0.97 (0.95-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)			
16	0.07 (0.06-0.09)	0.30 (0.26-0.34)	0.66 (0.61-0.70)	0.89 (0.86-0.92)	0.97 (0.96-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)			
17	0.09 (0.08-0.11)	0.36 (0.32-0.40)	0.72 (0.67-0.76)	0.92 (0.89-0.94)	0.98 (0.97-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
18	0.12 (0.10-0.14)	0.43 (0.38-0.47)	0.77 (0.73-0.81)	0.94 (0.92-0.95)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
19	0.16 (0.13-0.18)	0.50 (0.45-0.54)	0.82 (0.78-0.85)	0.95 (0.93-0.97)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
20	0.20 (0.17-0.22)	0.57 (0.52-0.61)	0.86 (0.82-0.89)	0.96 (0.95-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
21	0.24 (0.21-0.27)	0.63 (0.58-0.68)	0.89 (0.85-0.91)	0.97 (0.96-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
22	0.29 (0.26-0.33)	0.69 (0.64-0.73)	0.91 (0.88-0.93)	0.98 (0.97-0.99)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
23	0.35 (0.31-0.39)	0.74 (0.69-0.78)	0.93 (0.90-0.95)	0.98 (0.97-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
24	0.41 (0.36-0.45)	0.79 (0.74-0.82)	0.94 (0.92-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
25	0.46 (0.42-0.51)	0.82 (0.78-0.86)	0.95 (0.93-0.97)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
26	0.51 (0.47-0.56)	0.85 (0.81-0.88)	0.96 (0.95-0.98)	0.99 (0.99-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
27	0.56 (0.51-0.61)	0.87 (0.84-0.90)	0.97 (0.95-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			

Table 18 Conditional Probability of Onset for an Individual with 53 CAG Repeats

Current age (years)	Conditional Probability (95% CI) within									
	5 years	10 years	15 years	20 years	25 years	30 years	35 years			
0	0 (0-0)	0 (0-0.01)	0.02 (0.01-0.03)	0.09 (0.07-0.12)	0.31 (0.26-0.36)	0.66 (0.61-0.72)	0.90 (0.86-0.92)			
1	0 (0-0)	0.01 (0-0.01)	0.03 (0.02-0.04)	0.12 (0.09-0.15)	0.38 (0.33-0.43)	0.73 (0.68-0.77)	0.92 (0.89-0.94)			
2	0 (0-0)	0.01 (0.01-0.01)	0.04 (0.03-0.06)	0.15 (0.12-0.19)	0.45 (0.39-0.50)	0.78 (0.73-0.82)	0.94 (0.92-0.96)			
3	0 (0-0)	0.01 (0.01-0.02)	0.05 (0.04-0.07)	0.20 (0.16-0.24)	0.52 (0.47-0.58)	0.83 (0.78-0.87)	0.96 (0.93-0.97)			
4	0 (0-0.01)	0.02 (0.01-0.02)	0.07 (0.05-0.09)	0.25 (0.21-0.30)	0.60 (0.54-0.65)	0.87 (0.83-0.90)	0.97 (0.95-0.98)			
5	0 (0-0.01)	0.02 (0.01-0.03)	0.09 (0.07-0.12)	0.31 (0.26-0.36)	0.66 (0.61-0.71)	0.90 (0.86-0.92)	0.98 (0.96-0.98)			
6	0.01 (0-0.01)	0.03 (0.02-0.04)	0.12 (0.09-0.15)	0.38 (0.33-0.43)	0.73 (0.68-0.77)	0.92 (0.89-0.94)	0.98 (0.97-0.99)			
7	0.01 (0-0.01)	0.04 (0.03-0.05)	0.15 (0.12-0.19)	0.45 (0.39-0.50)	0.78 (0.73-0.82)	0.94 (0.92-0.96)	0.99 (0.98-0.99)			
8	0.01 (0.01-0.01)	0.05 (0.04-0.07)	0.20 (0.16-0.24)	0.52 (0.47-0.58)	0.83 (0.78-0.87)	0.96 (0.93-0.97)	0.99 (0.98-0.99)			
9	0.01 (0.01-0.02)	0.07 (0.05-0.09)	0.25 (0.21-0.29)	0.59 (0.54-0.65)	0.87 (0.83-0.90)	0.97 (0.95-0.98)	0.99 (0.99-1.00)			
10	0.02 (0.01-0.03)	0.09 (0.07-0.11)	0.31 (0.26-0.35)	0.66 (0.61-0.71)	0.90 (0.86-0.92)	0.97 (0.96-0.98)	0.99 (0.99-1.00)			
11	0.02 (0.02-0.03)	0.11 (0.09-0.14)	0.37 (0.32-0.42)	0.73 (0.67-0.77)	0.92 (0.89-0.94)	0.98 (0.97-0.99)	1.00 (0.99-1.00)			
12	0.03 (0.02-0.04)	0.15 (0.12-0.18)	0.44 (0.39-0.50)	0.78 (0.73-0.82)	0.94 (0.92-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)			
13	0.04 (0.03-0.06)	0.19 (0.15-0.23)	0.52 (0.46-0.57)	0.83 (0.78-0.86)	0.96 (0.93-0.97)	0.99 (0.98-0.99)	1.00 (1.00-1.00)			
14	0.05 (0.04-0.07)	0.24 (0.20-0.28)	0.59 (0.53-0.64)	0.87 (0.82-0.90)	0.97 (0.95-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)			
15	0.07 (0.06-0.09)	0.29 (0.25-0.34)	0.66 (0.60-0.71)	0.90 (0.86-0.92)	0.97 (0.96-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)			
16	0.09 (0.07-0.12)	0.36 (0.31-0.41)	0.72 (0.67-0.77)	0.92 (0.89-0.94)	0.98 (0.97-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
17	0.12 (0.10-0.15)	0.43 (0.37-0.48)	0.77 (0.72-0.82)	0.94 (0.91-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)			
18	0.15 (0.13-0.18)	0.50 (0.44-0.55)	0.82 (0.77-0.86)	0.95 (0.93-0.97)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
19	0.19 (0.16-0.23)	0.57 (0.51-0.62)	0.86 (0.81-0.89)	0.96 (0.95-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
20	0.24 (0.21-0.28)	0.63 (0.58-0.68)	0.89 (0.85-0.92)	0.97 (0.96-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
21	0.29 (0.25-0.33)	0.69 (0.64-0.74)	0.91 (0.88-0.94)	0.98 (0.97-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
22	0.35 (0.30-0.39)	0.74 (0.69-0.79)	0.93 (0.90-0.95)	0.98 (0.97-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
23	0.40 (0.36-0.45)	0.79 (0.74-0.83)	0.94 (0.92-0.96)	0.99 (0.98-0.99)	1.00 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
24	0.46 (0.41-0.51)	0.82 (0.77-0.86)	0.96 (0.93-0.97)	0.99 (0.98-0.99)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
25	0.52 (0.46-0.57)	0.85 (0.81-0.89)	0.96 (0.94-0.98)	0.99 (0.98-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			
26	0.56 (0.51-0.62)	0.88 (0.83-0.91)	0.97 (0.95-0.98)	0.99 (0.99-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)	1.00 (1.00-1.00)			

