

Figure 1. Change in Performance IQ, Stroop test, and Trail Making Test, parts A and B scores, between the first assessment and last assessment before confirmation of disease onset, significantly discriminated between converters and asymptomatic gene-positive controls.

AUC = Area under the curve.

Figure 2. Performance of converters and asymptomatic gene-positive controls on the Trail Making test, part A over a four-year time period prior to diagnosis. Slower reaction times reflect poorer performance. In the converter group, dots = P102L, filled triangles = D178N, empty diamonds = 5-OPRI, filled diamonds = 6-OPRI.

Figure 3. Performance of converters and asymptomatic gene-positive controls on the Trail Making test, part B over a four-year time period prior to diagnosis. Slower reaction times reflect poorer performance. In the converter group, dots = P102L, filled triangles = D178N, empty diamonds = 5-OPRI, filled diamonds = 6-OPRI.

Figure 4. Performance of converters and asymptomatic gene-positive controls on the Stroop test over a four-year time period prior to diagnosis. Lower scores reflect poorer performance. In the converter group, dots = P102L, filled triangles = D178N, empty diamonds = 5-OPRI, filled diamonds = 6-OPRI.

Figure 5. Performance of converters and asymptomatic gene-positive controls on the Performance IQ subscale of the Wechsler Adult Intelligence Scale, third edition over a four-year time period prior to diagnosis. Lower scores reflect poorer performance. In the converter group, dots = P102L, filled triangles = D178N, empty diamonds = 5-OPRI, filled diamonds = 6-OPRI.