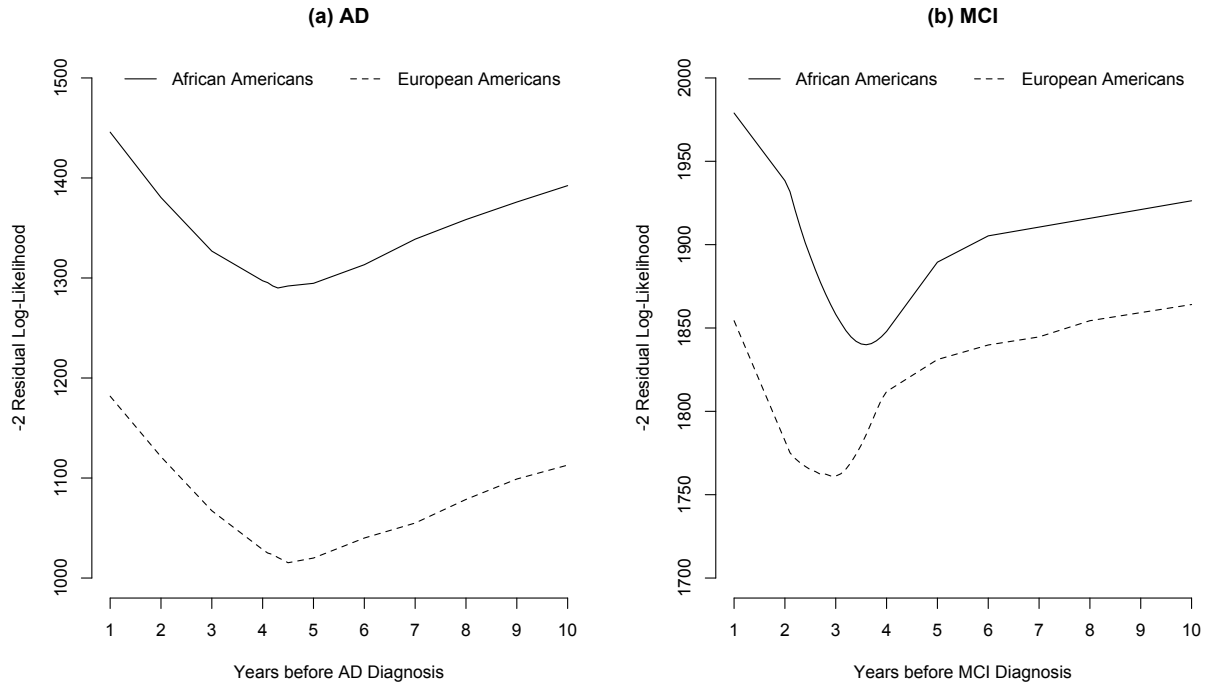


Supplemental Figure 1. Negative Log-Likelihood Values for Estimating the Change Point Preceding the Development of AD and MCI among African Americans and European Americans



Supplemental Table 1. Linear Model-based and Change Point Model-based Estimates of Cognitive Decline (CD) among African Americans and European American Participants Adjusting for Mortality

	African Americans	European Americans
	Coefficient (95% CI)	Coefficient (95% CI)
Pre-change point AD Dementia Level	0.316 (.228, .404)	0.274 (.193, .354)
Pre-change point MCI Level	0.140 (.067, .211)	0.098 (.036, .162)
<b>Linear Model-based Estimates</b>		
CD – No Cognitive Impairment	0.016 (.012, .020)	0.021 (.017, .025)
CD – Developing AD Dementia	0.098 (.084, .104)	0.160 (.142, .175)
CD – Developing MCI	0.036 (.029, .041)	0.055 (.048, .064)
<b>Change Point Model-based Estimates</b>		
Time of Change Prior to AD Dementia	4.3 years	4.7 years
CD – before AD Dementia change point	0.013 (.009, .017)	0.020 (.016, .024)
CD – after AD Dementia change point	0.172 (.154, .190)	0.236 (.212, .260)
CD – after developing AD Dementia	0.178 (.147, .209)	0.235 (.188, .282)
Time of Change Prior to MCI	3.6 years	3.0 years
CD – before MCI change point	0.011 (.007, .015)	0.021 (.017, .025)
CD – after MCI change point	0.085 (.068, .099)	0.103 (.087, .130)
CD – after developing MCI	0.105 (.092, .131)	0.118 (.088, .149)