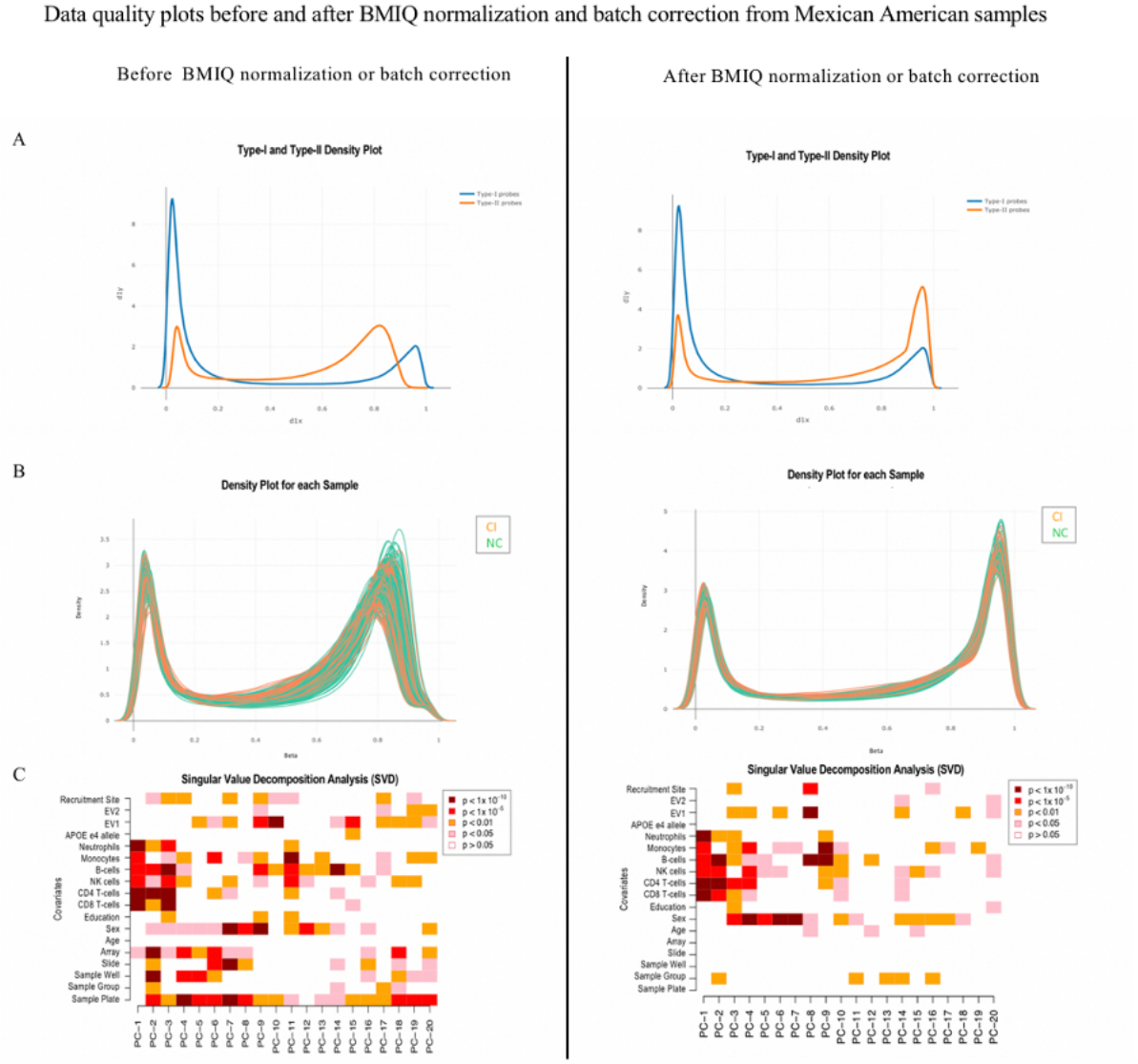
Supplementary Material

Hypermethylation at *CREBBP* Is Associated with Cognitive Impairment in a Mexican American Cohort

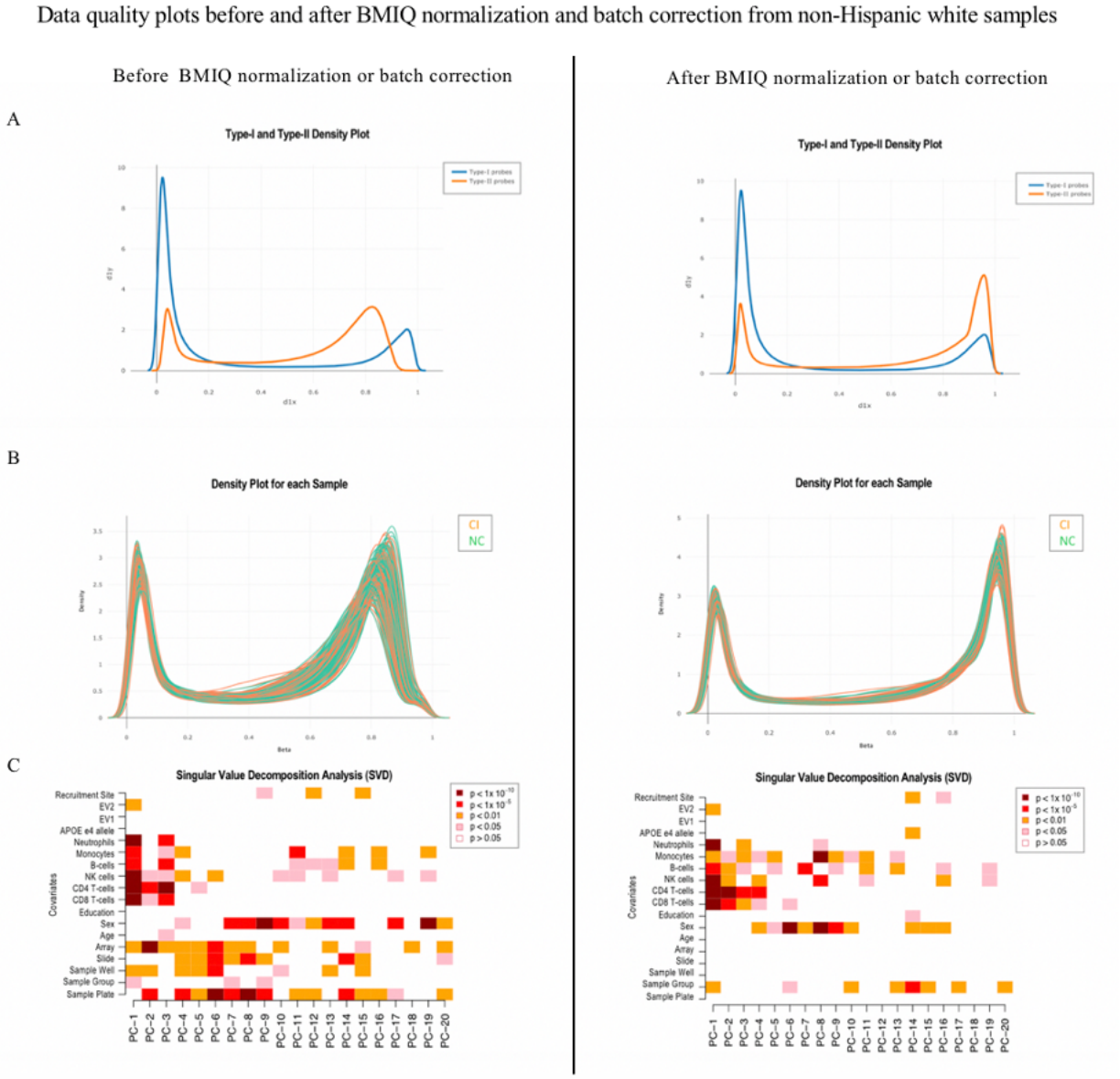
Supplementary Figure 1. Table displaying the battery of neurocognitive tests used to evaluate cognitive function of TARCC participants.

TARCC battery of neurocognitive tests	
Neurocognitive function	**Neurocognitive tests**
Overall cognitive functioning status	CDR, MMSE
Attention	Trails A, Digit Span
Executive function	Clox I and II, Texas Assessment of Processing Speed, Texas Card Sort, Trails B
Memory	California Verbal Learning Test -2, WMS-3 Logical Memory I and II
Language	Animal Naming, Boston Naming [30 odd items], FAS Verbal Fluency
Premorbid IQ	AMNART (at baseline)
Visuospatial Memory	WMS-3 Visual Reproduction I and II
Psychiatric	Geriatric Depression Scale, Neuropsychiatric Inventory-Questionnaire
Functional	Everyday Cognition, IADL, Lawton-Brody ADL:PSMS
Traumatic brain injury history	Texas Evaluation of Concussion History

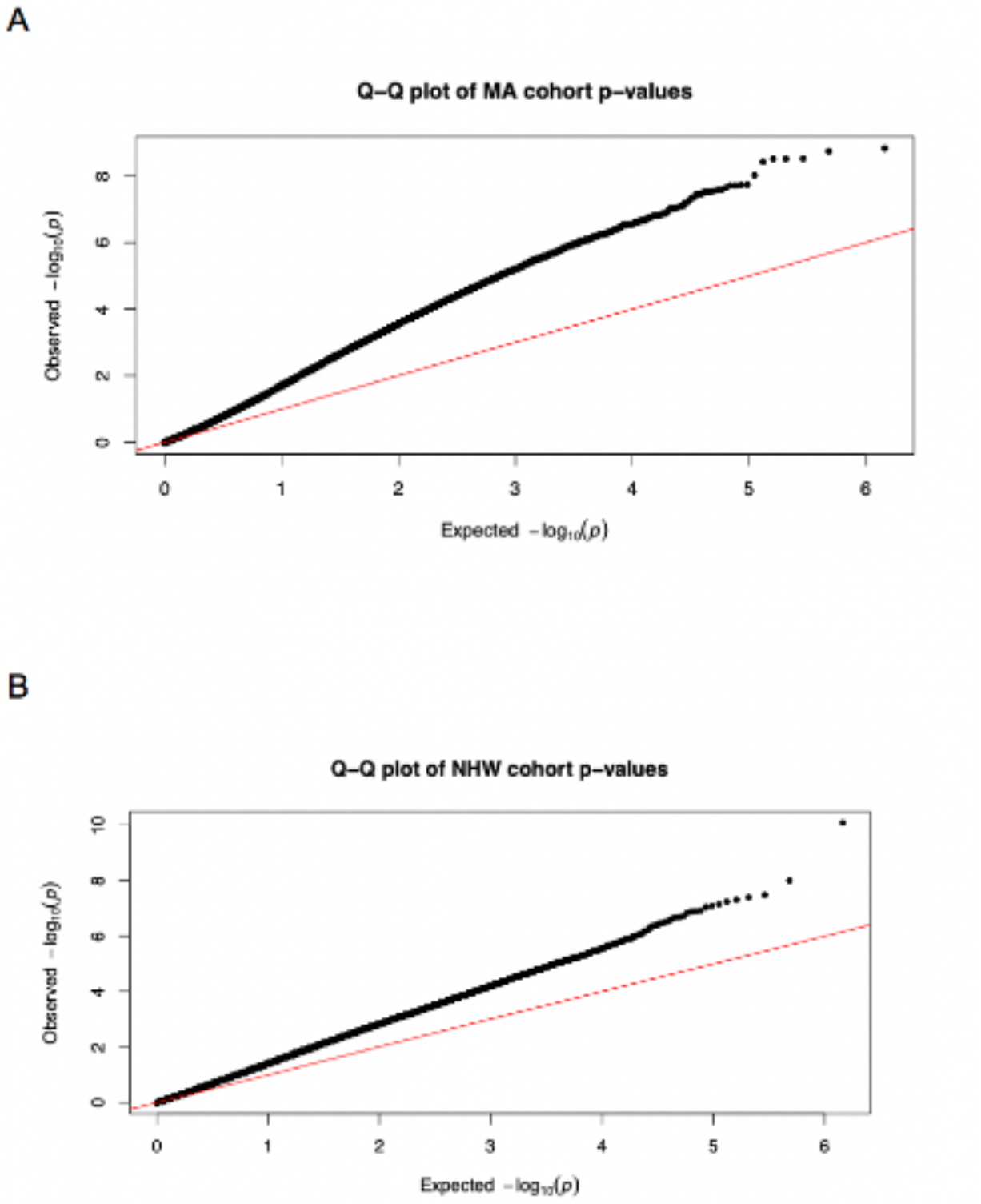
Supplementary Figure 2. Mexican American data quality plots



Supplementary Figure 3. Non-Hispanic white data quality plots



Supplementary Figure 4. Q-Q plots of significant p-values obtained prior to adjusting for confounders using cate



Supplementary Figure 5. Q-Q plots of p-values obtained comparing methylation levels between NHWs and MAs among cognitively impaired and normal control groups, after adjusting for confounders using cate