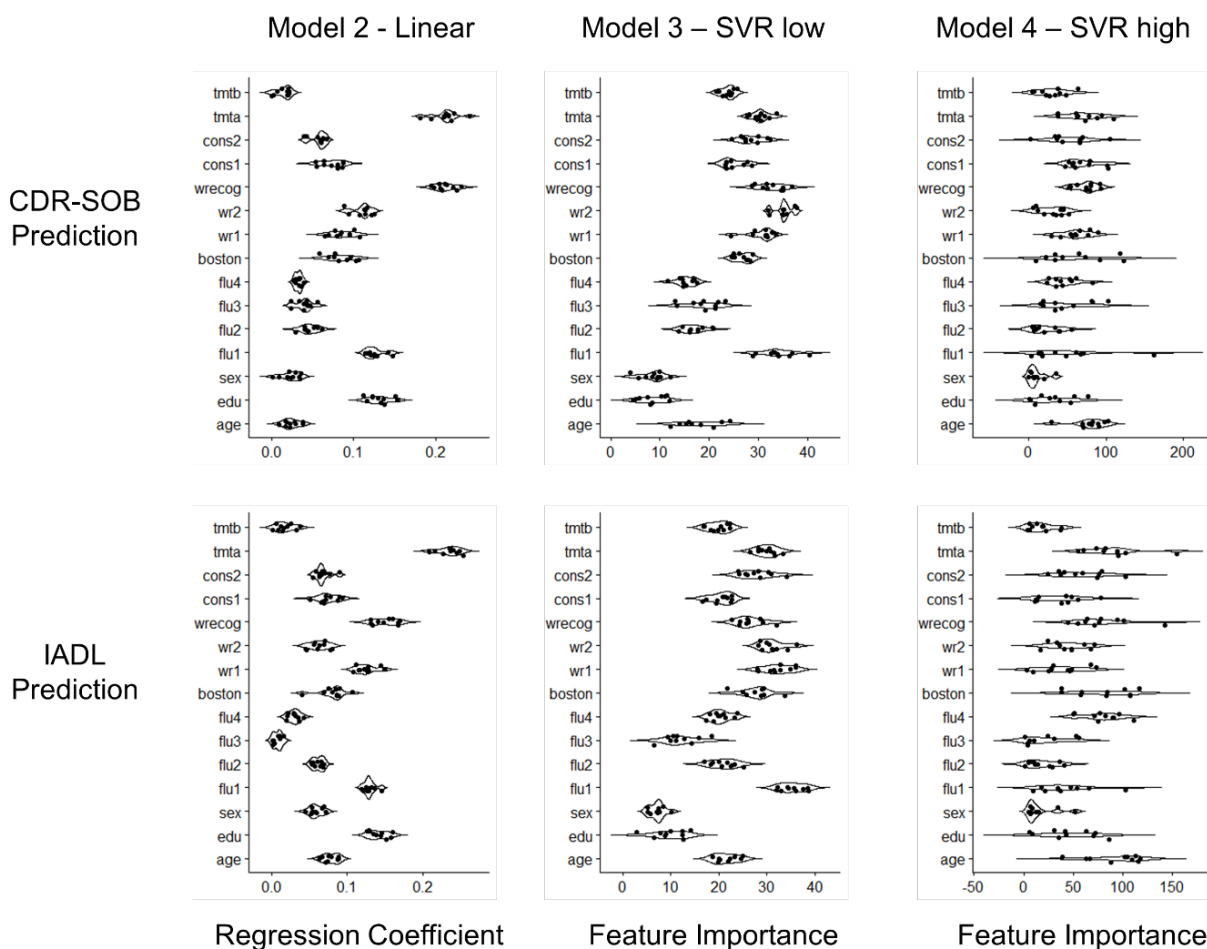


Supplementary Material

Utility of Machine Learning Approach with Neuropsychological Tests in Predicting Function Impairment of Alzheimer's Disease



Supplementary Figure 1. Predictive weights of CERAD-K subtests with additional predictors (TMT, Construction Recall, Demographics). Each dot represents 10-iterated predictions. Upper: CDR-SOB prediction. Lower: IADL prediction. Left: Multiple regression coefficients (Model 2). Middle: Feature importance of support vector regression with lower complexity (Model 3). Right: Feature importance of support vector regression with higher complexity (Model 4). Flu 1~4: Animal fluency (4 sections), boston: Boston Naming Test, wr1/2: Word List Recall immediate/delayed, wrecog: Word List Recognition, cons1: Constructional Praxis Copy, cons2: Construction Recall, tmta: Trail Making Test A, tmtb: Trail Making Test B.