
EPADEuropean Prevention of
Alzheimer's Dementia Consortium

EPAD Deliverable 2.10

Final Report on Integrative Data Mining, Including Software Updates

Executive Summary

This document describes the disease modelling work done within Work Package 2 by the MRC Biostatistics Unit, University of Cambridge since the final submission of Deliverable D2.8 Disease Modelling Report V2.0 document. Since then we have continued using EPAD Longitudinal Cohort Study (EPAD LCS) data and other data sources (e.g. ADNI) to characterise and understand the development of cognitive outcomes and biomarkers over time (up to five visits). Moreover we have characterised the EPAD LCS at baseline and have developed methodology to investigate the cascading of events that occur in the progression to Alzheimer's dementia. Furthermore we have been instrumental in delivering the EPAD LCS data releases V500.0, V1500.0 and V500.1 to the EPAD partners and the research community more widely (after the embargo period). Finally, we have interacted with Interuniversity MicroElectronics Centre (IMEC), Leuven, in order to explore non-linear mixed effects models that could be used in EPAD, presented at meetings, interacted with other partners through teleconference calls and face-to-face meetings, and have been involved in amendments to the EPAD LCS protocol.

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