

ADNIMERGE: Key ADNI variables

Michael C. Donohue & Chung-Kai Sun
University of California, San Diego

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Summary

The **adnimerge** table merges together several of the key variables from various case report forms and biomarker lab summaries across the ADNI protocols (ADNI1 , ADNIGO, and ADNI2). A function written in R (version 3.0) produces the table. The R function is contained in the **ADNIMERGE** R package available from LONI package, and the definition is also provided at <http://adni.bitbucket.org/adnimerger.html>. The **adnimerge** table is updated daily directly from the Alzheimer's Disease Cooperative Study (ADCS; <http://adcs.org/>) data system and posted to LONI.

Data fields

The **adnimerge** table contains 85 variables, including:

- 1 RID Participant roster ID
- 2 PTID Participant ID
- 3 VISCODE Visit code
- 4 SITE Site
- 5 COLPROT Protocol under which data was collected
- 6 ORIGPROT Protocol from which subject originated
- 7 EXAMDATE Examination Date
- 8 DX.bl Baseline Dx
- 9 AGE Age at baseline
- 10 PTGENDER Sex
- 11 PTEDUCAT Education
- 12 PTETHCAT Ethnicity
- 13 PTRACCAT Race
- 14 PTMARRY Marital status at baseline
- 15 APOE4 ApoE4
- 16 FDG Average FDG-PET of angular, temporal, and posterior cingulate
- 17 PIB Average PIB SUVR of frontal cortex, anterior cingulate, precuneus cortex, and parietal cortex
- 18 AV45 Average AV45 SUVR of frontal, anterior cingulate, precuneus, and parietal cortex relative to the cerebellum
- 19 CDRSB CDR-SB
- 20 ADAS11 ADAS 11

21 ADAS13 ADAS 13
 22 MMSE MMSE
 23 RAVLT RAVLT (forgetting)
 24 RAVLT.immediate RAVLT (5 sum)
 25 FAQ FAQ
 26 MOCA MOCA
 27 EcogPtMem Participant ECog - Mem
 28 EcogPtLang Participant ECog - Lang
 29 EcogPtVispat Participant ECog - Vis/Spat
 30 EcogPtPlan Participant ECog - Plan
 31 EcogPtOrgan Participant ECog - Organ
 32 EcogPtDivatt Participant ECog - Div atten
 33 EcogPtTotal Participant ECog - Total
 34 EcogSPMem Study Partner ECog - Mem
 35 EcogSPLang Study Partner ECog - Lang
 36 EcogSPVispat Study Partner ECog - Vis/Spat
 37 EcogSPPlan Study Partner ECog - Plan
 38 EcogSPOrgan Study Partner ECog - Organ
 39 EcogSPDivatt Study Partner ECog - Div atten
 40 EcogSPTotal Study Partner ECog - Total
 41 Ventricles UCSF Ventricles mm3
 42 Hippocampus UCSF Hippocampus mm3
 43 WholeBrain UCSF WholeBrain mm3
 44 Entorhinal UCSF Entorhinal mm3
 45 Fusiform UCSF Fusiform mm3
 46 MidTemp UCSF Med Temp mm3
 47 ICV UCSF ICV mm3
 48 DX Dx status
 49 EXAMDATE.bl Examination Date at baseline
 50 CDRSB.bl CDR-SB at baseline
 51 ADAS11.bl ADAS 11 at baseline
 52 ADAS13.bl ADAS 13 at baseline
 53 MMSE.bl MMSE at baseline
 54 RAVLT.bl RAVLT (forgetting) at baseline
 55 RAVLT.immediate.bl RAVLT (5 sum) at baseline
 56 FAQ.bl FAQ at baseline
 57 Ventricles.bl UCSF Ventricles at baseline mm3
 58 Hippocampus.bl UCSF Hippocampus at baseline mm3
 59 WholeBrain.bl UCSF WholeBrain at baseline mm3
 60 Entorhinal.bl UCSF Entorhinal at baseline mm3
 61 Fusiform.bl UCSF Fusiform at baseline mm3
 62 MidTemp.bl UCSF Med Temp at baseline mm3
 63 ICV.bl UCSF ICV at baseline mm3
 64 MOCA.bl MOCA at baseline
 65 EcogPtMem.bl Pt ECog - Mem at baseline

- 66 EcogPtLang.bl Pt ECog - Lang at baseline
- 67 EcogPtVisspat.bl Pt ECog - Vis/Spat at baseline
- 68 EcogPtPlan.bl Pt ECog - Plan at baseline
- 69 EcogPtOrgan.bl Pt ECog - Organ at baseline
- 70 EcogPtDivatt.bl Pt ECog - Div atten at baseline
- 71 EcogPtTotal.bl Pt ECog - Total at baseline
- 72 EcogSPMem.bl SP ECog - Mem at baseline
- 73 EcogSPLang.bl SP ECog - Lang at baseline
- 74 EcogSPVisspat.bl SP ECog - Vis/Spat at baseline
- 75 EcogSPPlan.bl SP ECog - Plan at baseline
- 76 EcogSPOrgan.bl SP ECog - Organ at baseline
- 77 EcogSPDivatt.bl SP ECog - Div atten at baseline
- 78 EcogSPTotal.bl SP ECog - Total at baseline
- 79 FDG.bl Average FDG-PET of angular, temporal, and posterior cingulate at baseline
- 80 PIB.bl Average PIB SUVR of frontal cortex, anterior cingulate, precuneus cortex, and parietal cortex at baseline
- 81 AV45.bl Average AV45 SUVR of frontal, anterior cingulate, precuneus, and parietal cortex relative to the cerebellum at baseline
- 82 Years.bl Years from baseline based on EXAMDATEs
- 83 Month.bl Months from baseline based on EXAMDATEs
- 84 Month Months from baseline (to nearest 6 months, based on EXAMDATEs)
- 85 M Months from baseline (based on VISCODE)

References

1. R Core Team (2013). R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria. ISBN 3-900051-07-0, <http://www.R-project.org/>.

About the Authors

This document was prepared by Michael C. Donohue, University of California, San Diego, adni-data@googlegroups.com.

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