

# Supplementary Material

We offer the ADNI data sample ID that was used in this study. Its naming convention is subject type\_data sample ID. Among these, AD stands for Alzheimer's disease subjects, HC for healthy control subjects, MCIc for MCI patients who will convert to AD, and MCInc for MCI patients who will not convert to AD. Please see <https://adni.loni.usc.edu/> for more details and data applications.

AD:

AD_002_S_0816	AD_023_S_4501	AD_067_S_0110	AD_131_S_0457
AD_002_S_0938	AD_023_S_5120	AD_067_S_0812	AD_131_S_0497
AD_002_S_0955	AD_023_S_5241	AD_067_S_0828	AD_131_S_0691
AD_002_S_1018	AD_024_S_1171	AD_067_S_1185	AD_131_S_5138
AD_002_S_5018	AD_024_S_1307	AD_067_S_1253	AD_133_S_1055
AD_003_S_1059	AD_024_S_4905	AD_067_S_4728	AD_133_S_1170
AD_003_S_1257	AD_024_S_5054	AD_073_S_0565	AD_135_S_4657
AD_005_S_0221	AD_027_S_0404	AD_082_S_1079	AD_135_S_4676
AD_005_S_0814	AD_027_S_0850	AD_082_S_1377	AD_135_S_4954
AD_005_S_0929	AD_027_S_1081	AD_082_S_5029	AD_135_S_5015
AD_005_S_1341	AD_027_S_1254	AD_082_S_5184	AD_135_S_5275
AD_006_S_0547	AD_027_S_1385	AD_094_S_1027	AD_136_S_0194
AD_006_S_0653	AD_029_S_0836	AD_094_S_1090	AD_136_S_0299
AD_006_S_4867	AD_029_S_0999	AD_094_S_1102	AD_136_S_0300
AD_007_S_0316	AD_029_S_1056	AD_094_S_1164	AD_136_S_0426
AD_007_S_1248	AD_029_S_1184	AD_094_S_1397	AD_136_S_4993
AD_007_S_1304	AD_032_S_4755	AD_094_S_1402	AD_137_S_4211
AD_007_S_1339	AD_033_S_0724	AD_098_S_0149	AD_137_S_4258
AD_009_S_5027	AD_033_S_0733	AD_098_S_0884	AD_137_S_4756
AD_009_S_5037	AD_033_S_0889	AD_099_S_0372	AD_141_S_0696
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AD_011_S_0010	AD_033_S_1285	AD_099_S_1144	AD_141_S_0853
AD_011_S_0053	AD_033_S_1308	AD_099_S_4124	AD_141_S_1024
AD_011_S_0183	AD_033_S_5013	AD_099_S_4994	AD_141_S_1137
AD_011_S_4827	AD_033_S_5017	AD_100_S_5106	AD_141_S_1152
AD_011_S_4845	AD_033_S_5087	AD_109_S_0777	AD_153_S_4172
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AD_011_S_4949	AD_036_S_0577	AD_114_S_0228	
AD_013_S_0592	AD_036_S_0759	AD_114_S_0374	
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AD_014_S_0356	AD_037_S_4001	AD_126_S_0606
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AD_016_S_1263	AD_041_S_1391	AD_127_S_0431
AD_018_S_4696	AD_041_S_1435	AD_127_S_0754
AD_019_S_4252	AD_051_S_1296	AD_127_S_0844
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AD_019_S_5012	AD_053_S_1044	AD_128_S_1430
AD_019_S_5019	AD_053_S_5070	AD_128_S_4772
AD_020_S_0213	AD_053_S_5208	AD_128_S_4774
AD_022_S_0007	AD_057_S_0474	AD_128_S_4792
AD_022_S_0129	AD_057_S_1371	AD_128_S_5123
AD_022_S_0219	AD_057_S_1373	AD_130_S_0956
AD_022_S_0543	AD_057_S_1379	AD_130_S_1201
AD_023_S_0083	AD_057_S_4110	AD_130_S_1290
AD_023_S_0084	AD_062_S_0535	AD_130_S_1337
AD_023_S_0093	AD_062_S_0690	AD_130_S_4730
AD_023_S_0139	AD_062_S_0730	AD_130_S_4997
AD_023_S_0916	AD_062_S_0793	AD_130_S_5006
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AD_023_S_1289	AD_067_S_0076	AD_130_S_5231

HC:

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NC_002_S_0559	NC_023_S_0058	NC_067_S_0019	NC_126_S_0680
NC_002_S_0685	NC_023_S_0061	NC_067_S_0056	NC_127_S_0259
NC_002_S_1261	NC_023_S_0081	NC_067_S_0059	NC_127_S_0260
NC_002_S_1280	NC_023_S_0926	NC_067_S_0177	NC_127_S_0622
NC_003_S_0907	NC_023_S_0963	NC_067_S_0257	NC_127_S_0684
NC_003_S_0981	NC_023_S_1190	NC_068_S_0210	NC_128_S_0863
NC_003_S_1021	NC_023_S_1306	NC_070_S_4856	NC_128_S_4609
NC_005_S_0553	NC_024_S_0985	NC_073_S_0089	NC_129_S_4422
NC_005_S_0602	NC_024_S_1063	NC_073_S_0311	NC_130_S_0232
NC_005_S_0610	NC_024_S_4084	NC_073_S_0312	NC_130_S_0886
NC_006_S_0484	NC_027_S_0074	NC_073_S_0386	NC_130_S_0969
NC_006_S_0498	NC_027_S_0118	NC_073_S_4155	NC_130_S_1200
NC_006_S_0681	NC_027_S_0120	NC_073_S_4382	NC_131_S_0123
NC_006_S_0731	NC_027_S_0403	NC_073_S_4795	NC_131_S_0319

NC_006_S_4357	NC_029_S_0824	NC_082_S_0304	NC_131_S_0436
NC_006_S_4449	NC_029_S_0843	NC_082_S_0363	NC_131_S_0441
NC_007_S_0068	NC_029_S_0845	NC_082_S_0640	NC_131_S_1301
NC_007_S_0070	NC_029_S_0866	NC_082_S_0761	NC_133_S_0433
NC_007_S_1206	NC_032_S_4277	NC_082_S_1256	NC_133_S_0488
NC_007_S_1222	NC_033_S_0516	NC_082_S_4339	NC_133_S_0493
NC_011_S_0002	NC_033_S_0734	NC_082_S_4428	NC_133_S_0525
NC_011_S_0005	NC_033_S_0741	NC_094_S_0489	NC_135_S_4598
NC_011_S_0008	NC_033_S_0920	NC_094_S_0526	NC_136_S_0086
NC_011_S_0016	NC_033_S_0923	NC_094_S_0692	NC_136_S_0184
NC_011_S_0021	NC_033_S_1016	NC_094_S_0711	NC_136_S_0186
NC_011_S_0022	NC_033_S_1086	NC_094_S_1267	NC_136_S_0196
NC_011_S_0023	NC_033_S_1098	NC_098_S_0172	NC_137_S_0301
NC_011_S_4222	NC_033_S_4505	NC_098_S_0896	NC_137_S_0972
NC_011_S_4278	NC_035_S_0048	NC_099_S_0040	NC_137_S_4482
NC_013_S_0502	NC_035_S_0156	NC_099_S_0090	NC_137_S_4520
NC_013_S_0575	NC_035_S_0555	NC_099_S_0352	NC_137_S_4587
NC_013_S_1035	NC_036_S_0576	NC_099_S_0533	NC_137_S_4632
NC_013_S_1276	NC_036_S_0672	NC_099_S_0534	NC_141_S_0717
NC_014_S_0519	NC_036_S_0813	NC_099_S_4104	NC_141_S_0767
NC_014_S_0520	NC_036_S_1023	NC_100_S_1286	NC_141_S_0810
NC_014_S_0548	NC_036_S_4878	NC_100_S_4469	NC_141_S_1094
NC_014_S_0558	NC_041_S_0125	NC_100_S_4511	NC_153_S_4125
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NC_018_S_0055	NC_041_S_4014	NC_109_S_0967	NC_941_S_1197
NC_019_S_4367	NC_051_S_1123	NC_109_S_1013	NC_941_S_1202
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NC_020_S_0883	NC_052_S_1250	NC_114_S_0166	NC_941_S_4292
NC_020_S_0899	NC_052_S_1251	NC_114_S_0173	
NC_020_S_1288	NC_057_S_0643	NC_114_S_0416	
NC_022_S_0014	NC_057_S_0779	NC_116_S_4010	
NC_022_S_0066	NC_057_S_0934	NC_116_S_4043	
NC_022_S_0096	NC_062_S_0578	NC_126_S_0405	

MC1c:

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MC1c_002_S_1070	MC1c_023_S_0388	MC1c_041_S_1423	MC1c_130_S_0423
MC1c_005_S_0222	MC1c_023_S_0604	MC1c_051_S_1331	MC1c_133_S_0638
MC1c_005_S_0572	MC1c_023_S_0625	MC1c_052_S_0952	MC1c_133_S_0727
MC1c_006_S_1130	MC1c_023_S_0855	MC1c_052_S_1054	MC1c_133_S_0913

MCIc_007_S_0041	MCIc_023_S_0887	MCIc_053_S_0507	MCIc_136_S_0195
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MCIc_007_S_0249	MCIc_027_S_0179	MCIc_057_S_1217	MCIc_141_S_0915
MCIc_007_S_0344	MCIc_027_S_0256	MCIc_062_S_1299	MCIc_141_S_0982
MCIc_011_S_0241	MCIc_027_S_0461	MCIc_067_S_0077	MCIc_141_S_1244
MCIc_011_S_0856	MCIc_027_S_1213	MCIc_067_S_0336	MCIc_941_S_1295
MCIc_011_S_0861	MCIc_027_S_1387	MCIc_094_S_0434	MCIc_941_S_1311
MCIc_011_S_1282	MCIc_033_S_0567	MCIc_094_S_1015	MCIc_941_S_1363
MCIc_013_S_0240	MCIc_033_S_0723	MCIc_094_S_1398	
MCIc_013_S_0325	MCIc_033_S_0725	MCIc_098_S_0269	
MCIc_013_S_0860	MCIc_033_S_0906	MCIc_099_S_0054	
MCIc_014_S_0658	MCIc_033_S_0922	MCIc_099_S_0111	
MCIc_022_S_0750	MCIc_035_S_0204	MCIc_126_S_1077	
MCIc_022_S_1394	MCIc_035_S_0997	MCIc_127_S_0394	

MCInc:

MCInc_002_S_0782	MCInc_027_S_0307	MCInc_052_S_0989	MCInc_127_S_1032
MCInc_002_S_1155	MCInc_027_S_0408	MCInc_052_S_1168	MCInc_127_S_1140
MCInc_003_S_0908	MCInc_027_S_0485	MCInc_053_S_0389	MCInc_128_S_1043
MCInc_003_S_1074	MCInc_027_S_0644	MCInc_053_S_0621	MCInc_130_S_0102
MCInc_003_S_1122	MCInc_027_S_0835	MCInc_053_S_0919	MCInc_130_S_0285
MCInc_005_S_0324	MCInc_027_S_1045	MCInc_057_S_0464	MCInc_130_S_0289
MCInc_005_S_0448	MCInc_029_S_0878	MCInc_057_S_0839	MCInc_130_S_0449
MCInc_005_S_0546	MCInc_029_S_1038	MCInc_057_S_1007	MCInc_130_S_0505
MCInc_005_S_1224	MCInc_029_S_1073	MCInc_062_S_1182	MCInc_130_S_0783
MCInc_007_S_0101	MCInc_029_S_1215	MCInc_073_S_0746	MCInc_131_S_0384
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MCInc_007_S_0698	MCInc_033_S_0513	MCInc_094_S_0531	MCInc_133_S_0792
MCInc_011_S_0326	MCInc_033_S_0514	MCInc_094_S_0921	MCInc_133_S_0912
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MCInc_011_S_1080	MCInc_033_S_1279	MCInc_094_S_1314	MCInc_136_S_0107
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