

Table e-1. List of single nucleotide polymorphisms (SNP) used in the analysis after quality control (QC).

Gene	Chromosome	SNPs
CYP1A2	15	rs2472304
CYP3A4	7	rs3735451, rs2246709
CYP2C9	10	rs9332108, rs2253635, rs4086116, rs17443251, rs10509679, rs4918766, rs2153628, rs9332172, rs1856908, rs9332177, rs1934967, rs9332222, rs2298037, rs9332238, rs1057911
CYP2C19	10	rs12768009, rs7916649, rs4388808, rs7068577, rs17878673, rs1853205, rs10509678, rs10786172, rs11592737, rs4917623200
CYP2D6	22	No SNP passed QC

Table e-2. Main results of the ANOVA analyses and their respective post-hoc tests (when applicable) for the variables presented in

Table 1.

Variable	ADNI						Rush-ROS/MAP					
	ANOVA p-value	Groups compared	Mean difference	Lower Bound	Upper Bound	Tukey HSD Adjusted p-value	ANOVA p-value	Groups compared	Mean difference	Lower Bound	Upper Bound	Tukey HSD Adjusted p-value
Age (years)	0.23	MCI-CN	NA	NA	NA	NA	9×10^{-8}	MCI-CN	1.47	0.46	2.48	0.001
		AD-CN	NA	NA	NA	NA		AD-CN	2.17	1.26	3.07	1×10^{-7}
		AD-MCI	NA	NA	NA	NA		AD-MCI	0.69	-0.34	1.73	0.25
Education (years)	0.50	MCI-CN	NA	NA	NA	NA	0.68	MCI-CN	NA	NA	NA	NA
		AD-CN	NA	NA	NA	NA		AD-CN	NA	NA	NA	NA
		AD-MCI	NA	NA	NA	NA		AD-MCI	NA	NA	NA	NA
MMSE	2×10^{-16}	MCI-CN	-1.85	-2.41	-1.29	5×10^{-9}	2×10^{-16}	MCI-CN	-0.77	-1.52	-0.03	5×10^{-9}
		AD-CN	-8.75	-9.49	-8.00	5×10^{-9}		AD-CN	-3.19	-3.86	-2.53	5×10^{-9}
		AD-MCI	-6.89	-7.69	-6.09	5×10^{-9}		AD-MCI	-2.42	-3.18	-1.65	5×10^{-9}

NA = not applicable.