

Table S1 Effect of OATP1B1 phenotype on plasma CPI, CPIII, GCDCA-3G and GDCA-3G concentrations in healthy volunteers, with an alternative OATP1B1 phenotype classification considering *SLCO1B137 as an increased function allele**

Phenotype (n)	Geometric mean ng/mL (95% CI)	Ratio to normal function (95% CI)	P
CPI			
Highly increased function (21)	0.451 (0.400, 0.507)	0.815 (0.717, 0.928)	0.00199
Increased function (93)	0.540 (0.510, 0.571)	0.977 (0.905, 1.05)	0.539
Normal function (116)	0.553 (0.525, 0.581)	1	
Decreased function (113)	0.598 (0.568, 0.629)	1.08 (1.01, 1.16)	0.0339
Poor function (13)	0.935 (0.804, 1.09)	1.69 (1.44, 1.98)	2.25×10 ⁻¹⁰
CPIII			
Highly increased function (21)	0.0731 (0.0640, 0.0835)	0.923 (0.799, 1.07)	0.275
Increased function (93)	0.0791 (0.0743, 0.0843)	0.999 (0.912, 1.09)	0.978
Normal function (116)	0.0792 (0.0749, 0.0838)	1	
Decreased function (113)	0.0780 (0.0736, 0.0826)	0.985 (0.908, 1.07)	0.709
Poor function (13)	0.101 (0.0850, 0.119)	1.27 (1.06, 1.52)	0.00840
GCDCA-3G*			
Highly increased function (21)	15.5 (11.9, 20.0)	0.552 (0.418, 0.730)	3.68×10 ⁻⁵
Increased function (93)	26.2 (23.2, 29.6)	0.937 (0.795, 1.10)	0.434
Normal function (116)	28.0 (25.1, 31.2)	1	
Decreased function (113)	44.6 (39.9, 49.9)	1.59 (1.36, 1.86)	1.17×10 ⁻⁸
Poor function (13)	238 (171, 330)	8.51 (6.03, 12.0)	7.76×10 ⁻²⁹
GDCA-3G*			
Highly increased function (21)	40.1 (27.8, 57.8)	0.619 (0.416, 0.921)	0.0180
Increased function (93)	52.6 (44.2, 62.5)	0.812 (0.643, 1.02)	0.0792
Normal function (116)	64.8 (55.4, 75.7)	1	
Decreased function (113)	106 (90.1, 124)	1.63 (1.30, 2.04)	2.15×10 ⁻⁵
Poor function (13)	367 (230, 583)	5.66 (3.47, 9.24)	1.63×10 ⁻¹¹

CPI and CPIII data are adjusted for sex, body weight and clinical trial. GCDCA-3G and GDCA-3G data are adjusted for sex. Phenotypes classified by *SLCO1B1* allele pairs: highly increased function phenotype, two increased function (*14, *20 or *37) alleles; increased function phenotype, one normal function (*1) allele with one increased function allele; normal function phenotype, two normal function alleles; decreased function phenotype, one normal function allele or one increased function allele with one decreased function (*5 or *15) allele; poor function phenotype, two decreased function alleles; CI, confidence interval; CPI, coproporphyrin I; CPIII, coproporphyrin III; GCDCA-3G, glycochenodeoxycholate 3-O-glucuronide; GDCA-3G, glycodeoxycholate 3-O-glucuronide; OATP1B1, organic anion transporting polypeptide 1B1

*These data were reanalyzed from a previously published study (Neuvonen, M. *et al. Clin. Pharmacol. Ther.* **109**, 646-657 (2021)).