Supplementary Table 1: Univariable linear regression analysis for bile acids associated with bilirubin

Simple linear regression with predictor variables				
Variable[a]	B	SE	*p*-value[b]	R^2
Total BA (abs.)	0.05002	0.01536	**0.003**	0.261
Conj. BA (abs.)	0.04995	0.01540	**0.003**	0.260
Unconj. BA (abs.)	0.8578	1.1308	0.454	0.019
Conj. BA	41.703	9.034	**<0.001**	0.415
Unconj. BA	-41.703	9.034	**<0.001**	0.415
Conj./Unconj. BA	0.0130	0.004699	**0.010**	0.203
T-BA	45.019	5.640	**<0.001**	0.680
G-BA	-18.270	10.357	0.088	0.094
CDCA	-103.334	29.364	**0.001**	0.292
CA	-214.597	62.428	**0.002**	0.283
DCA	-70.161	18.481	**<0.001**	0.325
HDCA	-288.234	141.664	0.054	0.153
T-CDCA	77.694	8.668	**<0.001**	0.728
T-CA	69.714	11.900	**<0.001**	0.534
T-DCA	-148.855	53.624	**0.009**	0.204
T-LCA	-145.825	84.421	0.094	0.090
G-CDCA	-9.410	11.707	0.428	0.021
G-CA	59.57198	27.17167	**0.036**	0.138
G-DCA	-105.897	22.170	**<0.001**	0.432
G-UDCA	-42.897	46.300	0.362	0.028
Conj. CDCA	23.142	9.504	**0.021**	0.165
Conj. CA	44.065	9.087	**<0.001**	0.440
Conj. DCA	-78.68	16.57	**<0.001**	0.429

Notes:
[a]Bile acids (BA) are expressed as percent from total BA, except for "Total BA (abs.)", "Conj. BA (abs.)" and "Unconj. BA (abs.)"; these are expressed as absolute (abs.) values.
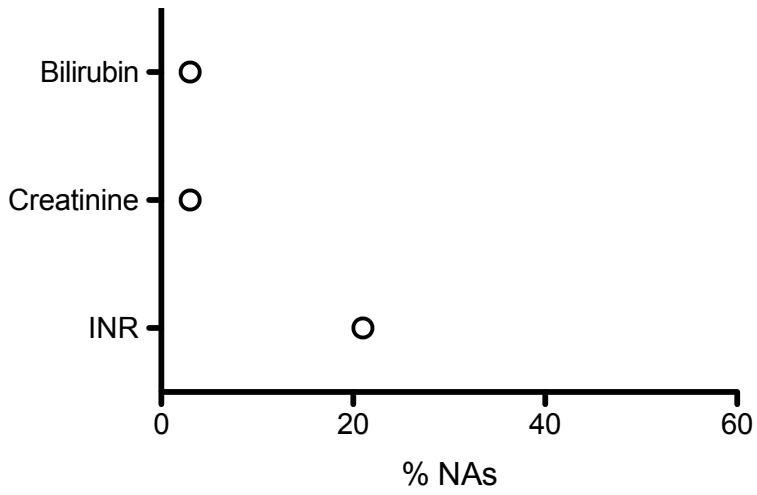[b]Significance is indicated in bold.

Abbreviations:
B=non-standardized regression coefficient, SE=Standard Error, R^2=coefficient of determination

BA, bile acid; CA, cholic acid; CDCA, chenodeoxycholic acid; conj., conjugated; DCA, deoxycholic acid G-BA, glycine-conjugated bile acid; G-CA, glycocholic acid; G-CDCA, glyco-chenodeoxycholic acid; G-DCA, glyco-deoxycholic acid; GUDCA, glyco-ursodeoxycholic acid, HDCA, hyodeoxycholic acid; MELD, Model for End-stage Liver Disease; T-BA, taurine-conjugated bile acid; T-CA, tauro-cholic acid; T-CDCA, tauro-chenodeoxycholic acid; T-DCA, tauro-deoxycholic acid; T-LCA, tauro-lithocholic acid; unconj., unconjugated.

Supplementary Figure 1

Supplementary Figure 2