

**Supplementary Table 3. Logistic regression between variable values and hyperactivity-impulsivity**

Variable	$\beta$	SE	OR	95% CI	P value
Ammonia	0.023	0.011	1.023	1.001–1.046	<b>0.038</b>
Duration of cholestasis	-0.017	0.13	0.983	0.958–1.008	0.175
AST	0.000	0.04	1.000	0.993–1.007	0.991
ALT	0.006	0.14	1.006	0.979–1.033	0.681
Albumin	1.339	0.841	3.815	0.734–19.833	0.111
Birth body weight	0.000	0.001	0.668	0.998–1.001	1.001

SE, standard error; OR, odds ratio; CI, confidence interval; AST, aspartate aminotransferase; ALT, alanine aminotransferase. Boldface indicates a statistically significant difference with  $P < 0.05$ .