

# **Effect of CYP2D6 and ABCB1 polymorphisms on pharmacokinetics and efficacy of aripiprazole in pediatric tic disorders**

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Table S4 The relationships between pharmacokinetics and CYP2D6 phenotypes

| Phenotypes | MRs                                  |                                      |                                      | CL                                   |                        |
|------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|------------------------|
|            | MR <sub>AUC0-t</sub>                 | MR <sub>Cmin</sub>                   | MR <sub>Cmax</sub>                   | CL <sub>LARI</sub>                   | CL <sub>DARI</sub>     |
| UMs        | 0.496(0.417,<br>0.542) <sup>bc</sup> | 0.588(0.524,<br>0.790) <sup>bc</sup> | 0.394(0.329,<br>0.439) <sup>bc</sup> | 2.520(1.820,<br>4.270) <sup>bc</sup> | 6.870(3.400,<br>8.210) |
| NMs        | 0.349(0.268,<br>0.399) <sup>a</sup>  | 0.420(0.316,<br>0.504) <sup>a</sup>  | 0.292(0.231,<br>0.349) <sup>a</sup>  | 1.870(1.565,<br>2.463) <sup>a</sup>  | 5.620(4.233,<br>7.300) |
| IMs        | 0.287(0.249,<br>0.351) <sup>a</sup>  | 0.333(0.285,<br>0.414) <sup>a</sup>  | 0.264(0.225,<br>0.290) <sup>a</sup>  | 1.510(1.320,<br>1.920) <sup>a</sup>  | 5.280(4.390,<br>6.670) |

Statistical notations in Post-hoc tests with Bonferroni correction, a: compared with UMs ( $P < 0.0167$ ); b: compared with the NMs ( $P < 0.0167$ ); c: compared with IMs ( $P < 0.0167$ )