**Supplement Table S1. QTc and T-wave Parameters by Genotype**

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| --- | --- | --- | --- | --- | --- | --- |
|   | MECP2(n = 78) | CDLK5(n = 8) | FOXG1(n = 3) | *P*MECP2 vs. CDLK5 | *P*MECP2 vs. FOXG1 | *P*CDLK5 vs. FOXG1 |
| QTc, msec | 448.1 (32.8) | 430.2 (17.6) | 430.4. (12.8) | 0.058 | 0.188 | 0.188 |
| Corrected JTp, msec | 196.3 (36.7) | 156.7 (18.9) | 144.5 (13.4) | 0.001 | 0.016 | 0.016 |
| TpTe, msec | 96.6 (20.9) | 89.9 (12) | 94.8 (11.5) | 0.835 | 0.486 | 0.486 |
| MCS  | 106.4 (61.8) |  55.1 (18.8) | 50.3. (30.7) | 0.761 | 0.742 | 0.742 |
| Flatness score | 37.3 (13.3) | 23.4 (6.7) | 19.9. (6.5) | 0.604 | 0.380 | 0.380 |
| Asymmetry score | 28.3 (22.9) | 16.9 (12.8) | 11.3 (10.4) | 0.943 | 0.476 | 0.476 |
| Notch score |  2.5 (9.3) |  0 (0) | 0.4. (1.1) | 0.987 | 0.063 | 0.063 |

Values are means (SD); RTT: Rett syndrome; MCS: Morphology combination score; PCA-2: Principal component analysis ratio