

Supplementary Results

GABA-A alpha 2/3 but not alpha 1 receptor subunit ligand inhibits harmaline and pimozone-induced tremor in rats

Barbara Kosmowska¹, Martyna Paleczna¹, Dominika Biała¹, Justyna Kadłuczka¹, Jadwiga Wardas¹, Jeffrey M. Witkin^{2,3}, James M. Cook^{2,3}, Dishary Sharmin², Monika Marcinkowska⁴, Katarzyna Z. Kuter^{1*}

¹ Department of Neuropsychopharmacology, Maj Institute of Pharmacology, Polish Academy of Sciences, 12 Smetna St., 31-343 Krakow, Poland

² Department of Chemistry and Biochemistry, University of Wisconsin-Milwaukee, Milwaukee, WI, USA

³ RespireRx Pharmaceuticals Inc, Glen Rock, NJ, USA

⁴ Department of Pharmaceutical Chemistry, Jagiellonian University, Medical College, 9 Medyczna St., 30-688 Krakow, Poland

* Correspondence: kuter@if-pan.krakow.pl; Tel.: +48 12 6623226

Figure S1. Tremolous Jaw Movements and Catalepsy induced in Wistar rat by 7 doses of Pimozide.

Pimozide 7x, 1 mg/kg

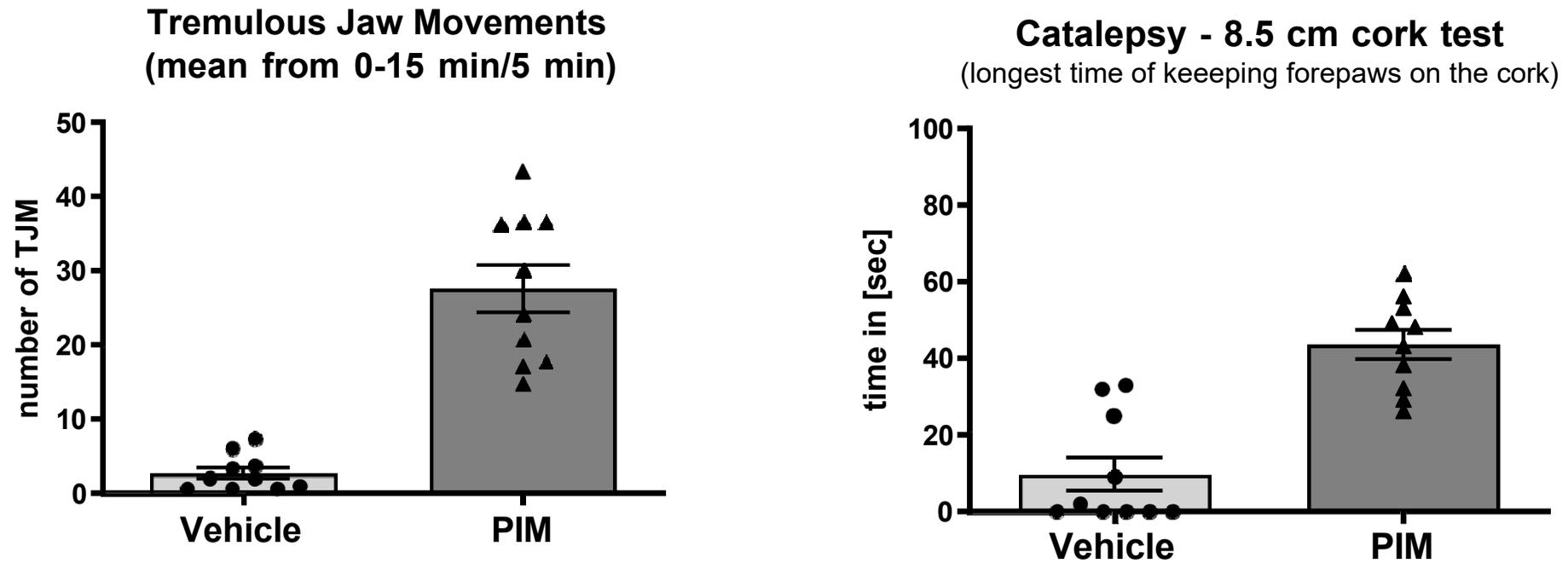
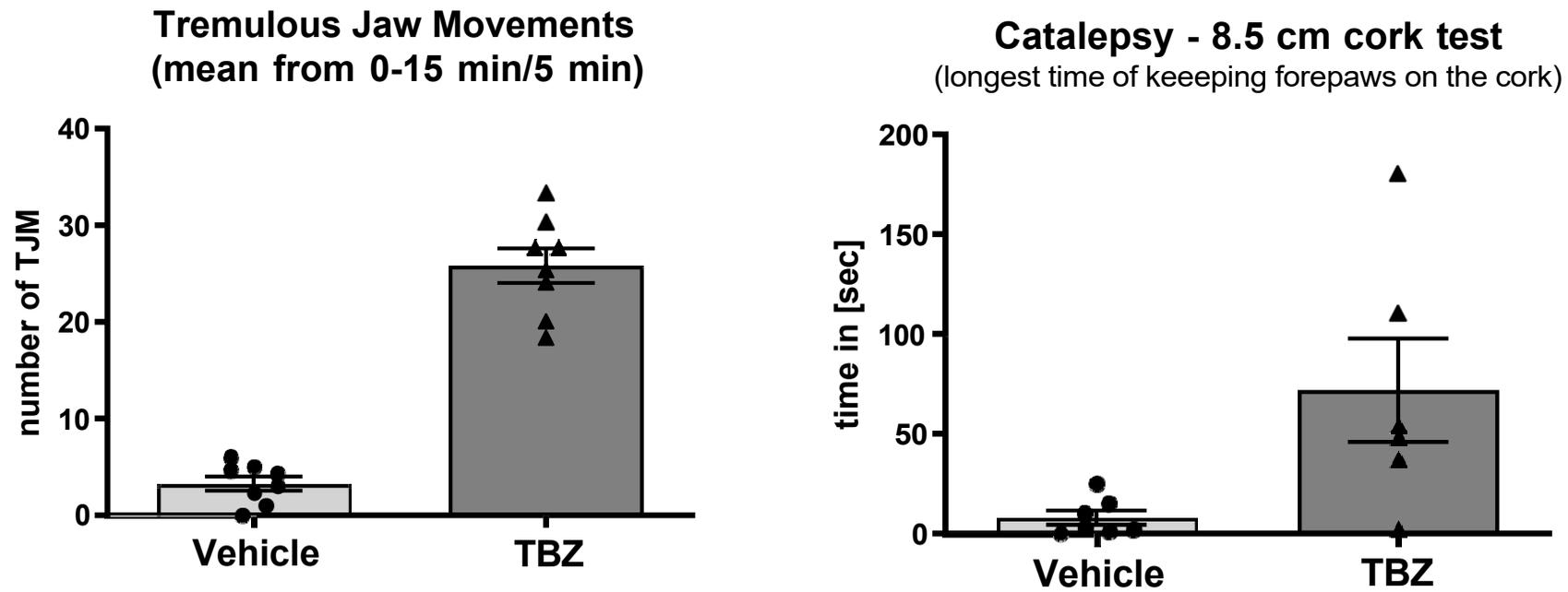


Figure S2. Tremolous Jaw Movements and Catalepsy induced in Wistar rat by 1 dose of Tetrabenazine.

TJMs - Tetrabenazine 2 mg/kg (1x)



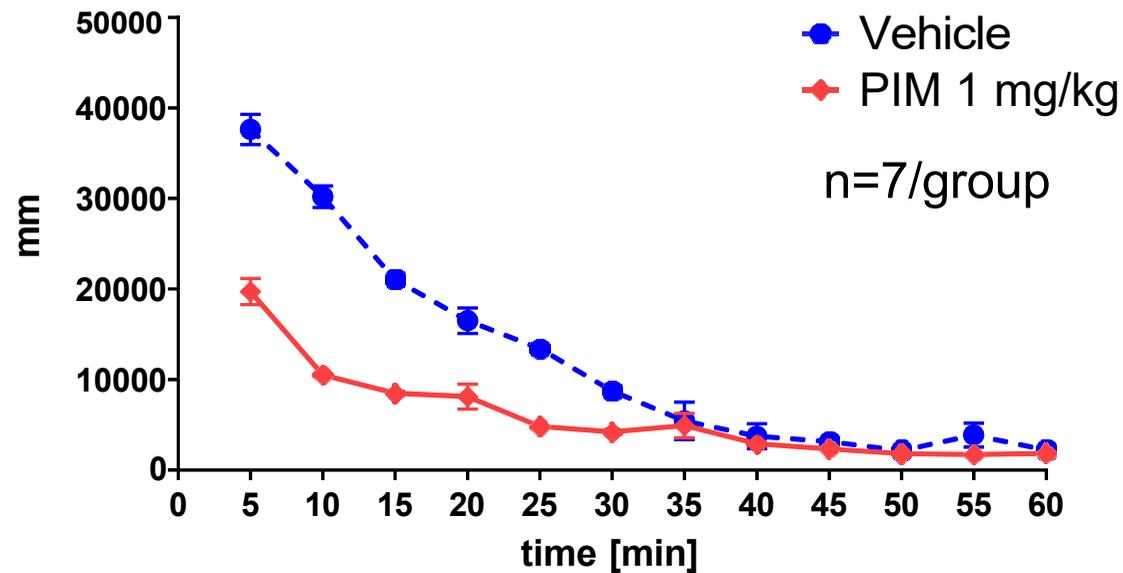
Barbara Kosmowska and Jadwiga Wardas

Figure S3. Walking distance affected by Pimozide or Tetrabenazine, measured in Force Plate Actimeters (BASi, West Lafayette, IN, USA)

Walking distance

PIMOZIDE 1 mg/kg, 7x

Distance



TETRABENAZINE 2 mg/kg, 1x

Distance

