Supplemental figure 2.
MS# JN-00341-2025R2

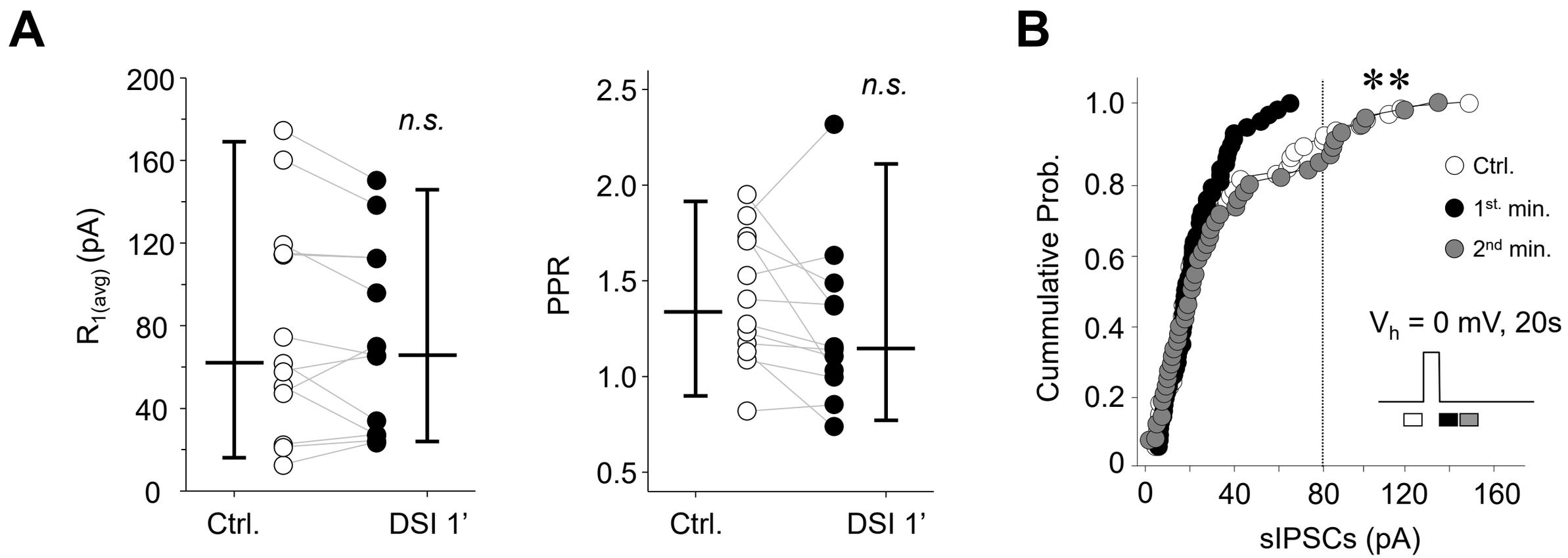

Figure S2. Effects of postsynaptic depolarization on GABAergic synaptic inputs to PnO neurons. A. $R1_{(avg)}$ peak amplitudes of evoked IPSCs (left) and PPRs (right) before (Ctrl.) and during the first minute following application of protocols for inducing the depolarization-induced depression of inhibition (DSI 1'); paired t-test: N=13, *n.s.: not significant*. Bars indicate the median ± the interquartile range. **B.** Cumulative probability distribution of amplitude of spontaneous IPSCs (sIPSCs) sampled during a representative experiment illustrated in A; Plots were constructed by detecting consecutive events during 60s gap-free recordings sampled before (Ctrl., white circles), during the first (1st minute, black circles) and the second (2nd min., gray circles) after postsynaptic long lasting depolarization (0 mV, 20s, protocol at bottom). During the first minute, the cumulative probability distribution tends to shift leftward compared to control (Kolmogorov–*Smirnov test: D=0.180, p=0.287*) showing a significant reduction of events >80 pA (*Exact Fisher test, ** p<0.01*). Dotted vertical line indicates the threshold of Exact Fisher test.