SUPPLEMENTARY MATERIAL TO THE MANUSCRIPT:

"*The effect of the general anesthetic sevoflurane on neurotransmission: an experimental and computational study*"

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Supplementary tables

	Control	Sevoflurane	Wash out
V_0	-63.2 ± 2.1 mV	-61.9 ± 2.2 mV	-62.7 ± 1.9 mV
R_{input}	1.9 ± 0.1 GΩ	1.9 ± 0.4 GΩ	1.8 ± 0.3 GΩ

Table SM-1. Zero-current potential (V0) and Input Resistance (Rinput) of granule cells in control condition and during perfusion with sevoflurane (n = 7).

Parameter	**CONTROL**	**SEVOFLURANE**
Release probability	***0.35***	***0.5***
α1 GABA conductance (pS)	*918.807*	*2500*
α1 GABA conductance (pS)	*132.842*	*800*
a1 activation kinetics	*0.414*	*0.514*
b1 activation kinetics	*0.03*	*0.3*
R1 activation kinetics	$7 * 10^{-4}$;	$7 * 10^{-3}$;
R2 activation kinetics	*0.14208*	*1.4208*
d2 activation kinetics	*3,4898*	*10*
d3 activation kinetics	*21,703*	*30*
Koff deactivation kinetics	*2*	*1*

***Table* 2 Synaptic model parameters**