

Table 1. Average MSNs scalar parameters values.

	D	Hm	Q	As	L(μm)	Ln(μm)	Lm(μm)	Lp (μm)	P(μm)
Real N=107	6.67 _(3.57)	4.57 _(1.67)	3.15 _(0.92)	0.362 _(0.23)	1156 ₍₆₆₈₎	97 ₍₁₉₎	15.6 _(10.8)	159 ₍₂₅₎	195 ₍₂₉₎
Model 1 N=1070	6.68 _(6.22) NS	4.33 _(2.44) NS	2.95 _(1.37) NS	0.405 _(0.22) NS	1121 ₍₁₀₂₈₎ NS	111 ₍₄₂₎ p<0.001	18.3 _(13.6) NS	161 ₍₃₂₎ NS	196 ₍₂₅₎ NS
Model 2 N=1070	6.72 _(3.66) NS	4.62 _(1.59) NS	3.15 _(0.87) NS	0.395 _(0.2) NS	1146 ₍₆₁₄₎ NS	98 ₍₂₂₎ NS	18.4 ₍₁₁₎ NS	159 ₍₂₆₎ NS	197 ₍₂₀₎ NS

Mean values (standart deviations in brackets) for real and simulated MSNs scalar parameters. Ten times more trees than in the real sample were simulated for each model. For model 1 branching probability coefficients were $k_b=0.088$ and $\alpha=0.04274$. For model 2, $k_b=0.1563$, $\alpha=0.04264$ and $\sigma=0.78$. The two models were simulated with 0.0002975 and 0.0203 for the k_t and a coefficients respectively for the terminating probability. Statistical difference between each model generated population and the real one was estimated with the student's t test (p values). NS: no statistically significant difference.