

S2 Table. Parameters of the Optimal Steps Model.

Scenario	seeSmallWalls	pedPotentialIntimateSpaceWidth	pedPotentialPersonalSpaceWidth	pedPotentialHeight	obstPotentialWidth	targetAttractionStrength
Default	false	0.45	1.2	50	0.8	1.0
Close contact	false	0	0	50	0.8	1.0
Restaurant	false	0.45	1.2	5	0	1.0
Choir rehearsal	false	0.45	1.2	5	0.8	1.0
Queue (1.0 m)	true	0.45	0.5, 1.0	50	0.4	0.1
Queue (1.5 m)			1.5			
Queue (2.0 m)			2.0, 2.5			

We adapted the parameters of Vadere for the Optimal Steps Model to fit the virtual persons' locomotion behaviour to the simulated situation.