Supplementary material: Models

Notes: The constant is the starting point for the calculation of all observations of the study, which has no particular meaning in it. The lower the significance of a variable, the greater is the probability that it has an association with the co-presence, and is not a result found by pure chance. Finally, the generalized coefficient of determination (R_G^2) measures, in a range from zero (minimum) to one (maximum), the total variation explained by the model, i.e., its quality.

Table 1: Model of "moving pedestrians on an atypical day - route 1". Source: Authors.

Variable	Estimative	Standard deviation	Significance
(Constant)	-3,846e+00	5,945e-01	0,1%
Residential units/m	1,103e+01	3,448e+00	1%
Connectivity	2,590e-01	9,361e-02	5%
Choice R1000m	4,358e-04	1,217e-04	1%
Integration R1000m	1,238e-08	4,751e-09	5%
Windows of all floors/m	-3,996e+00	2,003e+00	10%

$R_G^2 = 0{,}846$

Table 2: Model of "moving pedestrians on a typical day - route 1". Source: Authors.

Variable	Estimative	Standard deviation	Significance
(Constant)	-2,133e+00	7,415e-01	5%
Garages/m	1,006e+01	4,486e+00	5%
Choice R1000m	9,083e-04	2,424e-04	1%
Integration R1000m	1,564e-08	4,933e-09	1%
Global choice	-3,359e-06	1,203e-06	5%
Constitutions/m	-9,455e+00	5,141e+00	10%

$R_G^2 = 0{,}692$

Table 3: Model of "static pedestrians on an atypical day - route 1". Source: Authors.

Variable	Estimative	Standard deviation	Significance
(Constant)	-8,979e+00	5,426e-01	0,1%
Service units/m	1,410e+02	3,973e+01	1%
Constitutions/m	4,284e+01	4,337e+00	0,1%
Commercial units/m	3,374e+01	1,254e+01	5%
Garages/m	1,231e+01	3,433e+00	1%
Connectivity	8,830e-01	8,433e-02	0,1%
Integration R1000m	2,155e-08	3,167e-09	0,1%

Global integration	6,742e-09	3,214e-09	10%
Choice R1000m	-2,977e-04	9,940e-05	5%
Windows of all floors/m	-1,310e+01	1,779e+00	0,1%

R_G^2 = *0,969*

Table 4: Model of "static pedestrians on a typical day - route 1". Source: Authors.

Variable	Estimative	Standard deviation	Significance
(Constant)	-4,868e+00	1,106e+00	1%
Service units/m	1,321e+02	6,222e+01	10%
Constitutions/m	1,798e+01	6,677e+00	5%
Connectivity	5,289e-01	1,298e-01	1%
Choice R1000m	5,362e-04	2,614e-04	10%
Integration R1000m	2,138e-08	4,867e-09	1%
Global integration	9,687e-09	4,865e-09	10%
Global choice	-2,340e-06	1,264e-06	10%
Windows of all floors/m	-7,062e+00	2,658e+00	5%

R_G^2 = *0,818*

Table 5: Model of "moving pedestrians on an atypical day - route 2". Source: Authors.

Variable	Estimative	Standard deviation	Significance
(Constant)	-1,553e+00	1,412e-01	0,1%
Commercial units/m	3,087e+01	6,312e+00	0,1%
Global choice	1,517e-07	6,065e-08	5%

R_G^2 = *0,68*

Table 6: Model of "moving pedestrians on a typical day - route 2". Source: Authors.

Variable	Estimative	Standard deviation	Significance
(Constant)	-1,324e+00	5,437e-01	5%
Commercial units/m	3,485e+01	7,010e+00	0,1%
Windows of all floors/m	1,917e+00	9,632e-01	10%
Global integration	3,859e-08	2,449e-08	15%
Integration R1000m	-1,279e-08	4,689e-09	5%

R_G^2 = *0,728*

Table 7: Model of "static pedestrians on an atypical day - route 2". Source: Authors.

Variable	Estimative	Standard	Significance

		deviation	
(Constant)	-1,4369	0,3468	0,1%
Commercial units/m	25,7555	8,7521	1%
Residential units/m	2,9808	1,5754	10%

R_G^2 = *0,48*

Table 8: Model of "static pedestrians on a typical day - route 2". Source: Authors.

Variable	Estimative	Standard deviation	Significance
(Constant)	1,204e+00	8,690e-01	5%
Commercial units/m	4,829e+01	1,178e+01	0,1%
Constitutions/m	3,863e+00	2,088e+00	5%
Global integration	4,476e-08	1,952e-08	5%
Integration R1000m	-1,724e-08	4,723e-09	1%
Choice R1000m	-8,003e-04	3,547e-04	5%
Connectivity	-2,711e-01	1,532e-01	10%

R_G^2 = *0,746*