

Supplementary Material

1. Information about standard design

Some of the main elements used by the NBR 12721/2005 to define building patterns, and consequently the cost of the square meter of single-family homes, is the area and the list of rooms as described in Table S1.

Table S1: Main features of standard single-family home designs.

Class	Pattern	List of rooms	Real area (m ²)	Dwellers socioeconomic class (ABEP, 2019; Nagem, 2008)
R1-B	Low	2 bedrms 1 bathroom 1 living room 1 kitchen 1 laundry area	58.64	C/D
R1-N	Normal	3 bedrooms 3 bathrooms 1 living room 1 corridor 1 kitchen 1 laundry area 1 balcony 1 garage	106.44	B1/B2
R1-A	High	4 bedrooms 4 bathrooms 1 closet 1 living room 1 dining room 1 family room 1 corridor 1 kitchen 1 laundry area 1 balcony 1 garage	224.82	A
RP1Q	Popular	1 bedroom 1 bathroom 1 living room 1 kitchen	39.56	E

Source: Adapted from ABNT (2006).

We arbitrated the standard property as class R1-N regarding the inventory. We used a multiplier factor present in Equation 4 for the other classes. This factor is obtained based on scores referring to economic classifications defined by the ABEP (2019), as shown in Table S2.

Table S2: Multiplier factor of standard property contents (Fm)

Socioeconomic class	Multiplier factor (R1-N standard property)	Correspondent dwelling class
A	2.70	R1-A
B1	1.19	R1-N
B2	1.00	R1-N
C1	0.76	R1-B
C2	0.59	R1-B
D	0.43	R1-B
E	0.43	RP1Q

Source: Adapted from ABEP (2019).