

Activities – Module 2

What is school segregation?

The Module 1 – What is school segregation includes a description of the indexes measuring the phenomenon. Try to calculate the dissimilarity index between two population groups, reds and greens, using the formula below:

$$D = \frac{1}{2} \sum_{i=1}^n (r_i/RT - g_i/GT)$$

Knowing that:

n = number of tracts or spatial units

r_i = number of reds in tract i

g_i = number of greens in tract i

RT = total number of reds in the city

GT = total number of greens in the city

Fill the blanked fields in this table and you will end up with the dissimilarity index:

Tract	Red	Green	r_i/RT	g_i/GT	Absol. Value
					$r_i/RT - g_i/GT$
1	100	0	0,23	0,00	0,23
2	120	10			
3	40	0			
4	50	20			
5	100	20			
6	30	90			
Sum	440	140			
				D =	

Remember to divide this value by 2