

A New Stop for Unhappiness

Bus Stop Proximity is Related to Lower Life Satisfaction in Cali, Colombia

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Using unique 2019 CaliBRANDO data, we study the effect of public transit proximity on life satisfaction in Cali, Colombia. Public transit proximity is measured in two ways: having a bus stop in one's neighborhood, or having it accessible within a certain time. Both measures yield similar negative effect sizes of about .3-.4 on 1-10 life satisfaction scale. Such effect size is comparable to a decrease in one's satisfaction as a result of health deteriorating by one step, say from "very good" to "good." Bus stop proximity unhappiness is considerable. Results may not generalize to other cities, especially ones having better quality and/or subway systems. As in any non-experimental research, causality may not be present.

HAPPINESS, LIFE SATISFACTION, SUBJECTIVE WELLBEING, PUBLIC TRANSPORTATION, PUBLIC TRANSIT, BUS, BUS STOP, CALI, COLOMBIA, CALIBRANDO

Introduction

Transport is the blood of society—it is vital for the wellbeing of the economy, society and communities (e.g., De Vos et al. 2013). Commuting matters, too. One may work 8hrs per day, but an additional hour or more is usually “wasted” on getting to and from work in large cities (Moovit 2022). Notably, of all daily activities, commuting is the very least happy activity (Kahneman et al. 2004).

There is much research on the effect of travel on wellbeing in general, and specifically on the effect of commuting (e.g., De Vos et al. 2013, Morris and Guerra 2014, Stutzer and Frey 2003, JAFFE 2014, Quercia 2014, Li et al. 2018a)—Manke (for a recent review see 2021). Active commute such as walking or cycling is associated with more satisfaction than passive commute such as car driving and especially public transportation such as bus (see discussion in Manke 2021). In Xian, China, for instance, out of 8 modes—walk, private bike, public bike, bus, subway, electric bike, shuttle bus, and private car—public bus comes with the lowest commute happiness (Zhu and Fan 2018).

There is little research, however, on the proximity of public transportation/bus stops and happiness. In Rotterdam, the Netherlands, the more public transit in a neighborhood, the less happiness (Auma and Stavropoulos 2015)—one key problem with more public transit is more noise. Likewise, in Detroit, the US, the more bus stops per census tract, the less happiness (Park et al. 2021). Authors argue that bus stops can easily turn into crime stops—the two correlate.¹ In Xian, China, proximity of the subway is found to promote happiness through walkability, transit quality, and accessibility pathways (Yin et al. 2021). Likewise, in Shanghai, the closer one is to the metro stop, the more happiness (Li et al. 2018b). One explanation to reconcile the conflicting findings in the literature is that metro, as opposed to bus, does not disrupt the built environment with noise, light, and air pollutions.² Metro arguably also tends to be more reliable/predictable, better quality, and safer than bus. Not only travel itself, but even already an ability to travel can produce feeling of freedom and ultimately happiness (De Vos et al. 2013)—this may not happen or the opposite may happen, i.e., unfreedom and unhappiness if travel is stressful, unreliable, unpredictable, or unsafe. Still, Yin et al. (2019) finds that proximity of public transit in general (not only metro) is related to higher happiness across China.

Despite some conflicting findings, in general, having easy access/being reasonably close to public transit rather seems a positive thing, an amenity, a convenience or comfort—it alleviates car congestion and pollution and promotes interaction and walking/cycling, especially if transit can be easily accessed, is convenient, and good quality (e.g., Mouratidis 2021, Leyden et al. 2011, De Vos et al. 2013).

Hence, we hypothesize:

if there is a bus stop in one's proximity, one is happier (benefits outweigh costs)

In present research we study the effect of proximity to public transportation (bus stop) on happiness in Cali, Colombia.

¹Both, Detroit and Cali, suffer from rather high crime.

²Happiness benefit from higher transportation accessibility is accompanied by happiness penalty due to noise and pollution (Cloutier and Pfeiffer 2015).

Proximity of public transit is an often overlooked aspect of daily commute. Bus stops are a vital feature of the built environment, and especially in large cities without other public transportation such as subway/metro such as Cali, Colombia. Residents of Cali spend on average about 50 minutes in public transit on a weekday commute, and they also wait on average 20 minutes for their bus (Moovit 2022). Again, as there is no train or subway in Cali, we use terms “public transit” and “bus” interchangeably.

It is commonly lamented that much of social scientific research is done on WEIRD people, i.e., Western, Educated, Industrialized, Rich and Democratic. If not entirely WEIRD, the bias is commonly in favor the Global North. SWB research is not an exception—vast majority of SWB research has been done in Global North.

Another limitation/gap of SWB research is that almost all the research is done at one of the following levels: person, society/nation, or region/province level. Virtually all SWB research analyzes person level data that are representative of (or nested within) society/nation level, and/or sometimes at region/province level. Research at neighborhood/community level is remarkably rare.³ The present research aims to fill both of these gaps. To our best knowledge the only SWB dataset representative of neighborhoods/communities in Global South (except China) is CaliBRANDO (Martínez and Short 2020, Martínez 2017).

City Context

Sebastian de Benalcazar, a Spanish conquistador, founded Cali in 1536, but it only substantially developed economically starting in 1950s. In 1938 Cali was only 4 sq km and 88k population, and in 1964 it expanded to 91 sq km and 638k population (Dávila 2001). In 2019 Cali with its 2.4m inhabitants is the third largest city in Colombia (after Bogota and Medellin) (Indígena et al. 2019). It is a major distribution and industrial center.

³Nationally representative datasets sometimes ask about certain community/neighborhood characteristics (e.g., US GSS or German SOEP), including in Latin America, e.g., ISSP (Gandelman et al. 2012), but the data are typically not identifying actual communities/neighborhoods, and if they do (e.g., restricted version of US GSS), the data are not representative of communities/neighborhoods. There are only a handful of exceptions, and all of them in Global North (and China): Ma et al. (2017), Helliwell et al. (2018), Ziogas et al. (2020), Mouratidis (2017, 2020b,a), Mouratidis and Yiannakou (2022), Weckroth et al. (2022), Anon (2021), Pfeiffer et al. (2020), Ciorici and Dantzler (2019), Du et al. (2017), Ala-Mantila et al. (2017), Wang et al. (2019).

In 2002, the national government developed an extensive plan to implement integrated public transport systems in the main cities in the country, following the experience in Bogota with Transmilenio, a Bus Rapid Transit (BTR) model (de Panificacion (DNP) 2002). The national plan was in line with the modernization scheme of several cities in Latin America that were implementing large urban renovation programs through BTR systems to reduce inequalities, integrate the population living in the periphery, and provide better and safer public transportation (Scholl et al. 2016). Until 2000, Cali's transportation system was highly segmented, unregulated, partially informal, and polluting. Almost 40% of the buses were more than 20 years old, and the average bus speed was 8-12 km per hour, taking about 90 minutes to cover routes of 40 km (Scholl et al. 2015).

Lina: this doesn't make sense: at speed of 10kmph, route of 40km takes 4hrs, not 90min; so guess just drop 90min 40km part?

Cali undertook a major urban renovation plan to implement the BTR called MIO. The system aimed at connecting low and middle-income areas with employment clusters in the city, and the modernization of urban infrastructure (terminals, stations, corridors, and patios for bus operators) to offer sustainable and affordable public transportation (Scholl et al. 2015). The project suffered major delays and was in operation in 2009 with low capacity. At project inception, MIO was planned to have 911 buses circulating. In 2009 the operation started with 39 buses, and by 2019 680 buses were circulating daily across the city using the north-south axis in which the main infrastructure was built (Metrocali 2019)—see figure 1 panel a). Smaller bus stops cover all of the city—figure 1 panel b).

Lina: MAP below with buses—and see other notes: again, survey asks about all 3k paradas, not just 63 estaciones rt?

The implementation of MIO comes with mixed results. The system has reduced travel time for some users and has improved air quality, but user satisfaction is low, buses are overcrowded, and the system has significant issues with financial stability (Scholl et al. 2016). While the system faces challenges in providing quality service, Cali is experiencing a pattern observed across the developing world. The city transportation is becoming increasingly dominated by private car or motorcycle ownership, contributing to congestion, pollution, and the use reduction of public transportation (Pojani

Figure 1: Cali MIO bus stops; for bus stops overlaid on streets simply see Google Maps search for bus stops: <https://www.google.com/maps/search/bus+stop/@3.340885,-76.5360469,16z> (zoom needed to see small bus stops; and for MIO lines see SOM). Source: POLIS, Universidad Icesi, Cali.



and Stead 2015). Between 2000 and 2016, private car or motorcycle ownership increased by 157%, and motorcycles alone increased by 211% in the same period, with 86,3 motorcycles per 100,000 inhabitants in 2016 (de Cali MOVIS 2017).

On top of poor quality, one of the significant problems in the system is the high rate of petty crime. Constantly, the media reports massive number of assaults, cellphone and wallet robberies, making the mass transit one of the top spots for crime in the city (de Occidente 2022). Moreover, bus stations are one of the main targets for vandalism in riots and demonstrations. In 2021, during one of the extensive riots in the country, 58 bus stations were left out of service rendering the system unable to cope with the demands for transportation (Semana 2022). Bus stations also attract informal economy, traffic, and noise.

Data and Method

We use 2019 Calibrando, a survey representative of Cali, conducted by the Observatory of Public Policies (POLIS) of Universidad Icesi (Martínez and Short 2020, Martínez 2017). Face-to-face interviews were administered by trained pollsters to randomly selected adults (18 and older). The Calibrando covers: life satisfaction, living standards, socio-demographics, and notably the respondent's neighborhood.

The dependent variable is life satisfaction, and the main independent variable is whether there is public transit (MIO) in the neighborhood, or time needed to get to it. All variables, including control variables, are defined in table 1. Additional descriptive statistics including distributions and cross-correlations are in Supplementary Online Material (SOM).

We control for an usual set of SWB predictors following Okulicz-Kozaryn and Valente (2018). In addition, we control for perceptions of crime, security, and police presence—such variables are not only predictive of SWB, but may also confound with public transit perceptions and use. For instance, public transit may be avoided in certain areas, especially by women, and at night. Also note that Cali is a relatively dangerous city, say as compared to Western cities (e.g., The Princeton Review 2020). Also, we include two sets of dummy variables to capture intricacies of the communities: 23 Cali neighborhoods (Comuna), and 6 socioeconomic strata (Estrato Socioeconomico).

Table 1: Variable definitions.

| name | description |
|--------------------------|---|
| life satisfaction | "On a scale of one to ten, rate how satisfied are you with your life." |
| MIO in neighborhood | "Walking from your home, what public transport you have access in the neighborhood where you live ?: MIO" |
| time to MIO | "How many takes minutes from home to go to the following places walking or means of transport commonly used to go to that place? MIO" |
| age | age |
| age squared | age squared |
| female | "female" |
| income | "How much on average income?" |
| race | white, half blood, indigenous, black, or other |
| marital status | "What is your marital status?" |
| education | primary, secondary, technical, professional, postgraduate, or none |
| health satisfaction | "Would you say that in general your health is?" |
| heard of crime in neighb | "In the past 6 months, did you have heard of some kind of crime in their neighborhood?" |
| neighb not maintained | "Are there places in your neighborhood that are not properly maintained? (Batch vacant)" |
| police in neighb | "The police routinely patrol your neighborhood?" |
| neighborhood safe | "You think your neighborhood is safe?" |
| safe in city | "Do you feel safe in the city?" |
| neighborhood | "What neighborhood do you live in?" |
| socio-economic strata | "What is the socio-economic strata of your home?" 1-5 (strata 5 and 6 were combined together as there were very few respondents living in strata 6) |

We use ordinary least squares (OLS). Although OLS assumes cardinality of the outcome variable, and SWB measures are technically ordinal, OLS is an appropriate estimation method. Ferrer-i-Carbonell and Frijters (2004) has shown that OLS results are substantially the same as those from discrete models, and OLS has become the default method in happiness research (Blanchflower and Oswald 2011). Theoretically, while there is still debate about the cardinality of SWB, there are strong arguments to treat it as a cardinal variable (Ng 1996, 1997, 2011).

Results

Most residents of Cali report having access to MIO in their neighborhood, about 92%, and about 8% say that there is no MIO in their neighborhood. This is expected—MIO is ubiquitous throughout Cali.⁴

Regression results are in table 4. Column a1 is a bivariate regression of happiness on MIO presence. Colombians are very happy as indicated by constant term, >8 on 1-10 scale. But, contrary to our hypothesis, a presence of MIO in a neighborhood is associated with a decrease in happiness by .3.

Effect size of .3 on a 1-10 happiness scale may seem small. Yet, it needs to be remembered that about half of happiness is determined by genes (Schnittker 2008, Lykken and Tellegen 1996, Brooks 2013), and then most important are person level characteristics such as health and social relations, and only a small fraction is left for environmental influences such as built environment and bus stops.

The negative effect of MIO is robust to the model specification in subsequent columns a2-a6, and actually increases to .4. More elaborate specifications in table 4 use the extensive set of controls including safety/crime, socio-economic-strata, and neighborhood dummies (Comuna).

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| MIO in neighborhood | -0.30* | -0.33* | -0.34* | -0.36* | -0.38* | -0.40* |
| age | | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 |
| age squared | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| female | | 0.21+ | 0.24* | 0.23* | 0.19+ | 0.25* |
| health satisfaction | | 0.29*** | 0.28*** | 0.29*** | 0.27*** | 0.27*** |
| heard of crime in neighb | | -0.21+ | | | | -0.19 |
| neighb not maintained | | | 0.05 | | | 0.07 |
| police in neighb | | | 0.08 | | | 0.06 |
| neighborhood safe | | | -0.01 | | | -0.07 |
| safe in city | | | 0.27* | | | 0.33** |
| constant | 8.83*** | 8.09*** | 8.05*** | 8.20*** | 8.10*** | 8.16*** |
| neighbourhood dummies | no | no | no | yes | no | yes |
| socio-economic strata dummies | no | no | no | no | yes | yes |
| income, race, marital status, and education dummies | no | yes | yes | yes | yes | yes |
| N | 1268 | 1211 | 1194 | 1204 | 1207 | 1183 |
| + 0.10 * 0.05 ** 0.01 *** 0.001; robust std err | | | | | | |

Table 2: OLS regressions of life satisfaction.

What is distinctive about CaliBRANDO is the rich information on the distance to various amenities such as park, doctor, store, restaurant, etc. MIO is the only amenity among 10 amenities, where people are the happiest living farthest

⁴In SOM we cross tabulate presence of MIO by barrio. Many barrios have a person or two reporting not having access to MIO, and while MIO is ubiquitous throughout Cali, it is perfectly reasonable for a respondent to live in a section of a barrio that is relatively far from MIO. Lina, is that right? or outliers/some people may report biased opinion/nonsense?

from it. Time to other amenities has mostly no effect on happiness, with the exception of time to library—its proximity is positively related to happiness (see Supplementary Online Material (SOM)).

Next, we measure proximity of MIO in an alternative way, instead of asking about its presence, we measure time it takes one to get to it. To account for potential nonlinearities we create 5 quintile dummies. Regression results are shown in table 5. Only the 5th quintile is significant—the 20% of sample with longest time to MIO, i.e., 18 min or more, are happier by about .3 or .35.

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| time to MIO (base: 1st quantile): | | | | | | |
| quantile=2 | -0.09 | -0.13 | -0.16 | -0.14 | -0.11 | -0.13 |
| quantile=3 | 0.17 | 0.12 | 0.09 | 0.13 | 0.13 | 0.12 |
| quantile=4 | -0.09 | -0.07 | -0.08 | -0.06 | -0.07 | -0.07 |
| quantile=5 | 0.25 | 0.25 | 0.26 | 0.27 | 0.29+ | 0.34+ |
| age | | -0.02 | -0.01 | -0.02 | -0.02 | -0.02 |
| age squared | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| female | | 0.19+ | 0.22+ | 0.22+ | 0.17 | 0.22+ |
| health satisfaction | | 0.29*** | 0.28*** | 0.29*** | 0.27*** | 0.27*** |
| heard of crime in neighb | | | -0.23+ | | | -0.22+ |
| neighb not maintained | | | 0.05 | | | 0.07 |
| police in neighb | | | 0.13 | | | 0.11 |
| neighborhood safe | | | -0.03 | | | -0.09 |
| safe in city | | | 0.25* | | | 0.29** |
| constant | 8.50*** | 7.89*** | 7.89*** | 8.06*** | 7.85*** | 8.01*** |
| neighbourhood dummies | no | no | no | yes | no | yes |
| socio-economic strata dummies | no | no | no | no | yes | yes |
| income, race, marital status, and education dummies | no | yes | yes | yes | yes | yes |
| N | 1166 | 1116 | 1103 | 1109 | 1112 | 1092 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust std err

Table 3: OLS regressions of life satisfaction. Note: 5th quintile of time to MIO is 18 min or more.

Both operationalizations of proximity of public transit yield similar effect sizes: about .3 to .4. Such effect size can be considered a moderate to large effect (given that bus stop is an ecological/environmental and not a personal variable). The negative effect size of MIO proximity is slightly larger than one step decrease on the health variable, say from “Very Good” to “Good.”

The most elaborate above models used 23 neighborhood (Comuna) dummies. In rich Calibrando data, there are also smaller neighborhoods (Barrio) identified, over 100 of them. In supplementary online material we estimate the “barrio” fixed effects model. Results are similar, and if anything stronger at -.5.

Conclusion and Discussion

The United Nations 11th Sustainable Development Goal (SDG) reads: “Make cities inclusive, safe, resilient and sustainable” (un.org/sustainabledevelopment/cities) (Ramaswami 2020). Again, transport is the blood of society—it is vital (e.g., De Vos et al. 2013). In present research we have focused on the proximity of public transit, an often overlooked aspect of daily commute.

We find, unexpectedly, that proximity to public transit is related to lower, not higher, subjective wellbeing (SWB) or life satisfaction. Our conclusion is similar to that of Ciorici and Dantzler (2019), “access to transportation have an inverse relationship with the satisfaction of residents”

One notable mechanism is pollution, especially air, but also light and noise—we know that pollution kills happiness (Kumari et al. 2021, Poon 2018, Lee 2016, Metcalfe 2016, Weinhold 2013, Rehdanz and Maddison 2008). Bus stops by definition are located on the road where pollution is the highest. Many are located on the major roads or freeways/highways with heaviest traffic, and often in the median (middle of the road).⁵ The pollution is the very worst on the road and upto about 20 meters from it, exactly where the bus stops are located (and then decreases exponentially with distance and reaches low levels around 300-500 meters (see SOM for visualizations)).

Yet it is not necessarily that disamenities (noise, pollution, etc) of public transit outweigh its amenities in general. It may simply be the poor quality (and safety) of public transit in Cali, which may translate into dissatisfaction with having public transit in one’s neighborhood. Complaints⁶ about MIO are that it is crowded, disorganized, and unsafe (a lot of petty crime), and while homicides decline in Cali, petty crime is increasing in Cali (Martínez and Short 2020).

Short of a costly subway system, MIO can be improved. As reviewed earlier, what matters for quality public transit is safety, reliability/predictability, convenience, accessibility, and ease of use. For instance, as of 2022, MIO tickets are

⁵This seems to be especially a problem in Colombia, or perhaps across Latin America, as opposed to say Europe or United States. Much of urbanization in global South is haphazard resulting in crowding and poor living conditions such as living close to open sewer and heavy traffic (e.g., Hong et al. 2021).

⁶As a sidenote, various rankings of public transit in general prefer subways over buses. If anything, the only one advantage of bus system is easier implementation and hence wider coverage: see <https://www.internationalteflacademy.com/blog/the-top-10-public-transportation-systems-around-the-world> and <https://gobackpacking.com/public-transportation-south-america/>.

still being sold by a person at a station—one way to improve is to digitize everything (Forum 2019).

Finally, there is another curious explanation for our unexpected result of unhappy public transit proximity: ignorance is a bliss. Not having access to public transit may promote ignorance, and ultimately bliss. Being relatively segregated and isolated into one's neighborhoods, not knowing better, may promote being satisfied with whatever one has. Similarly, women isolated in rural China were relatively happy, and only became unhappy once they became exposed to higher standard of living in urban China or other countries (Rosenthal 1999).

Likewise, in our present research, it is also perhaps that public transportation exposes to more comparisons, and as people tend to make upward comparisons (Frey and Stutzer 2002, Frey et al. 2008), it may result in relative deprivation and lower happiness, just as neighbors act as negatives (Luttmer 2005) Incidentally, there is a similar hint from another location in Colombia: inhabitants of poor municipalities in the Choco are happy to know only that environment in which they were born and raised, but when they know and live in other municipalities with greater socio-economic development their demands and expectations increase (Muñoz-Cardona 2018).⁷ In other words, again, ignorance may be a bliss. Future research could test such hypotheses.

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⁷Resilience in isolated areas may play a role, too. Martínez and Short (2020) reports that Cali residents in the poorest districts were more satisfied with their lives, and speculates that it may be so due to the high resilience of this population being affected by crime, poor health, and insufficient provision of public goods.

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ONLINE APPENDIX

[note: this section will NOT be a part of the final version of the manuscript, but will be available online instead]

World Economic Forum report 2017

The World Economic Forum scores and ranks countries on a number of indicators, and perhaps unexpectedly Colombia scores worst on "ground and port infrastructure," a score even lower than on "safety and security," a widely recognized challenge for Colombia (World Economic Forum 2017). Can poor quality of public transportation hamper its multiple advantages?⁸

⁸We were unable to find rankings of public transportation across Colombian cities.

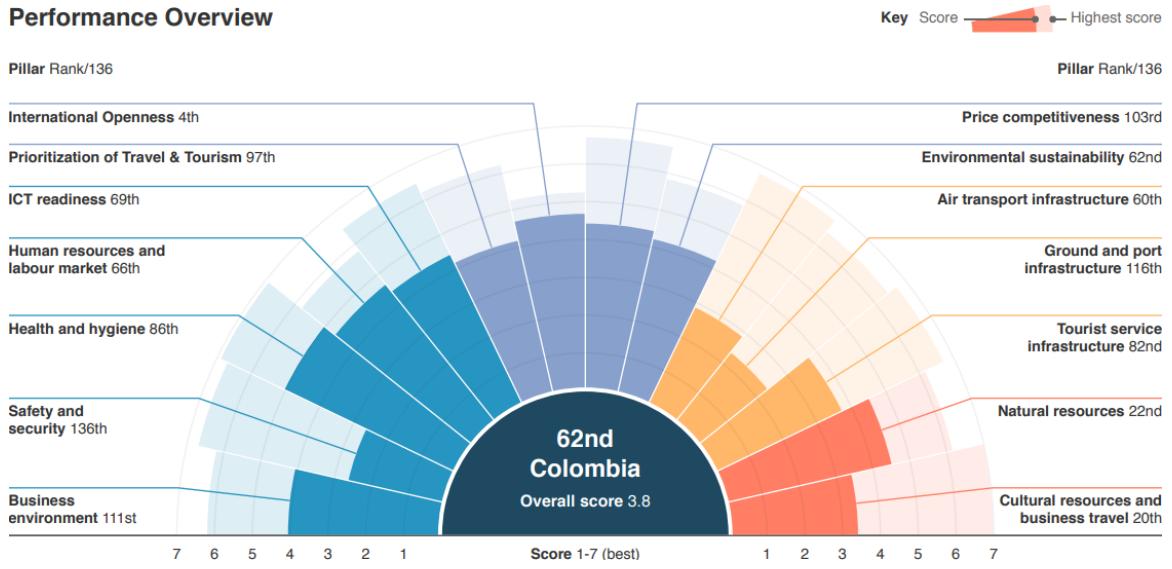


Figure 2: World Economic Forum report 2017. https://www3.weforum.org/docs/WEF_TTCR_2017_web_0401.pdf

MIO in Pictures and Pollution Visualization

When you think about MIO or MIO bus stop, many things may come to mind, but happiness is not one of them.

MIO often is a stressful and unhappy experience around it and inside of it due to crowding and traffic—for instance see pictures taken by one of the authors.

Figure 3: MIO crowding around station and inside.



Another figure 4 highlights that bus stops are made of plentiful of metal and concrete.

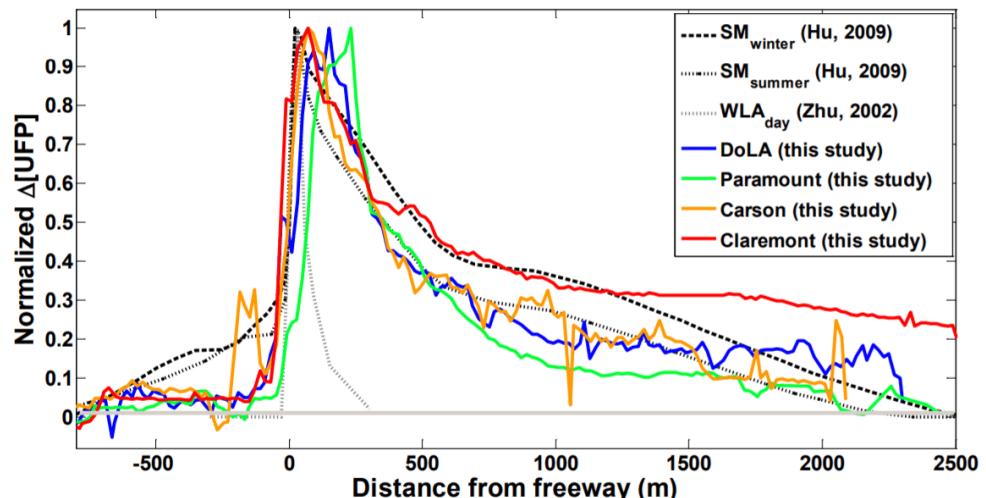
Pollution graphs are from <http://blog.cityprojections.com/2018/12/how-far-should-you-live-from-road-to->.

html

Figure 4: Metal and concrete.



Figure 5: Pollution.



Variables' definitions, coding, and distributions

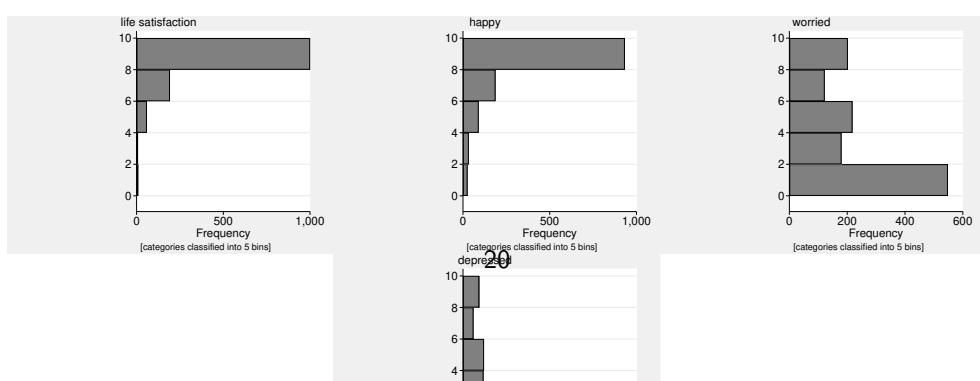


Figure 6: Pollution.

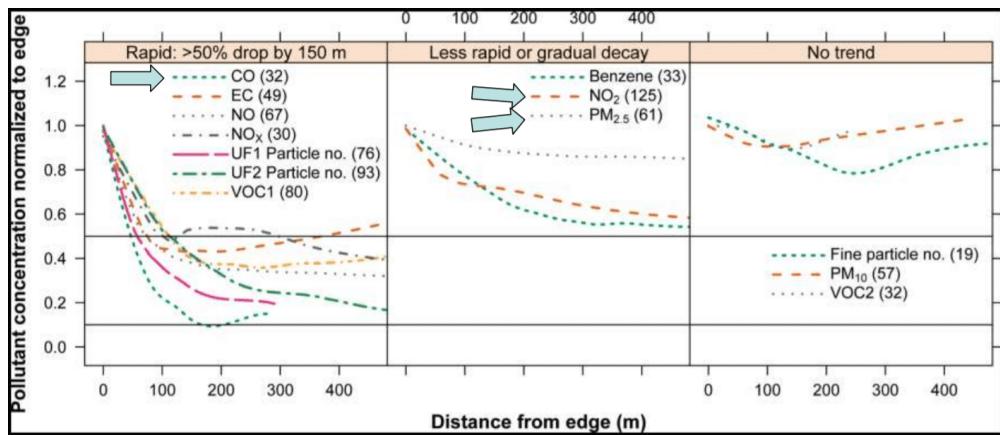
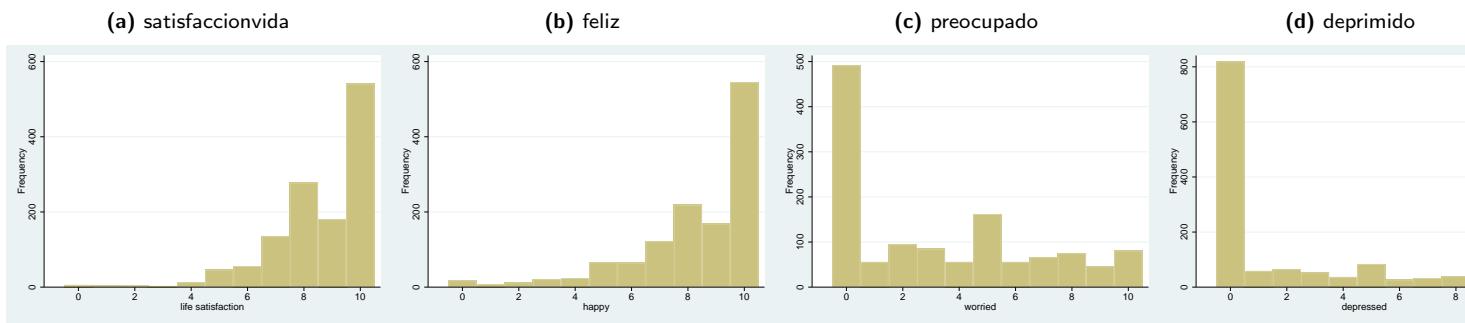


Figure 8: SWB measures' distributions.



Pairwise correlations all significant at .05

| | satisfaccionvida | feliz | preocupado | deprimido |
|------------------|------------------|-------|------------|-----------|
| satisfaccionvida | 1.0 | | | |
| feliz | 0.4 | 1.0 | | |
| preocupado | -0.2 | -0.4 | 1.0 | |
| deprimido | -0.3 | -0.5 | 0.5 | 1.0 |

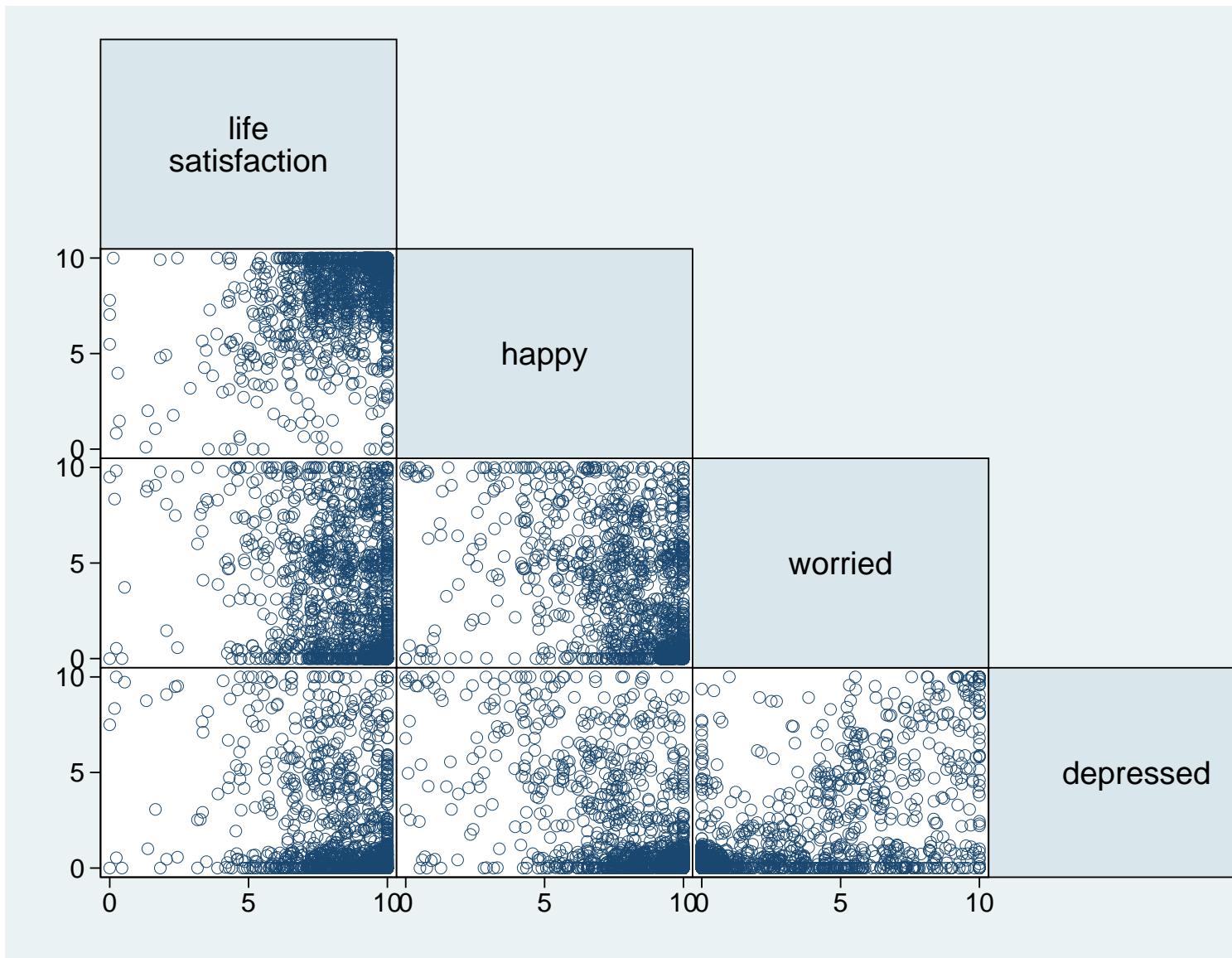


Figure 9: Scatterplot matrix.

So in fig 9: depression may be low around 0 for many people, but among those the other 3 vars differ widely. And then for life satisfaction many at 10, but among those preoccupation varies a lot.

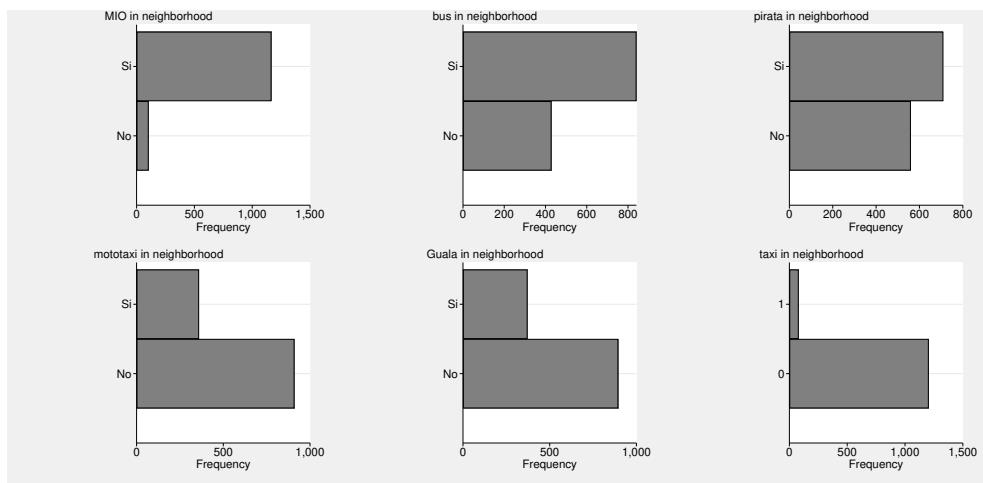
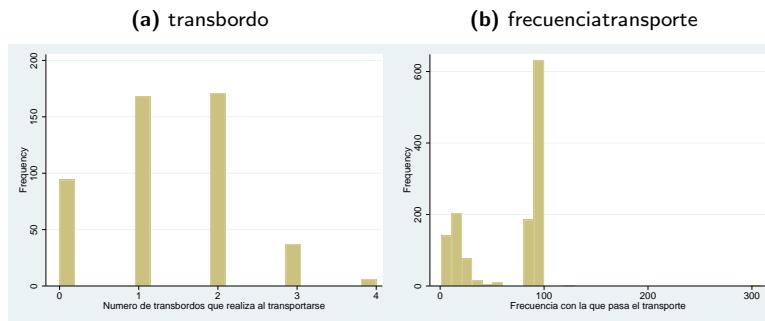


Figure 10: Variables' distribution.

Figure 11: Transpo.



Interesting wide variability here in terms of time to various amenities

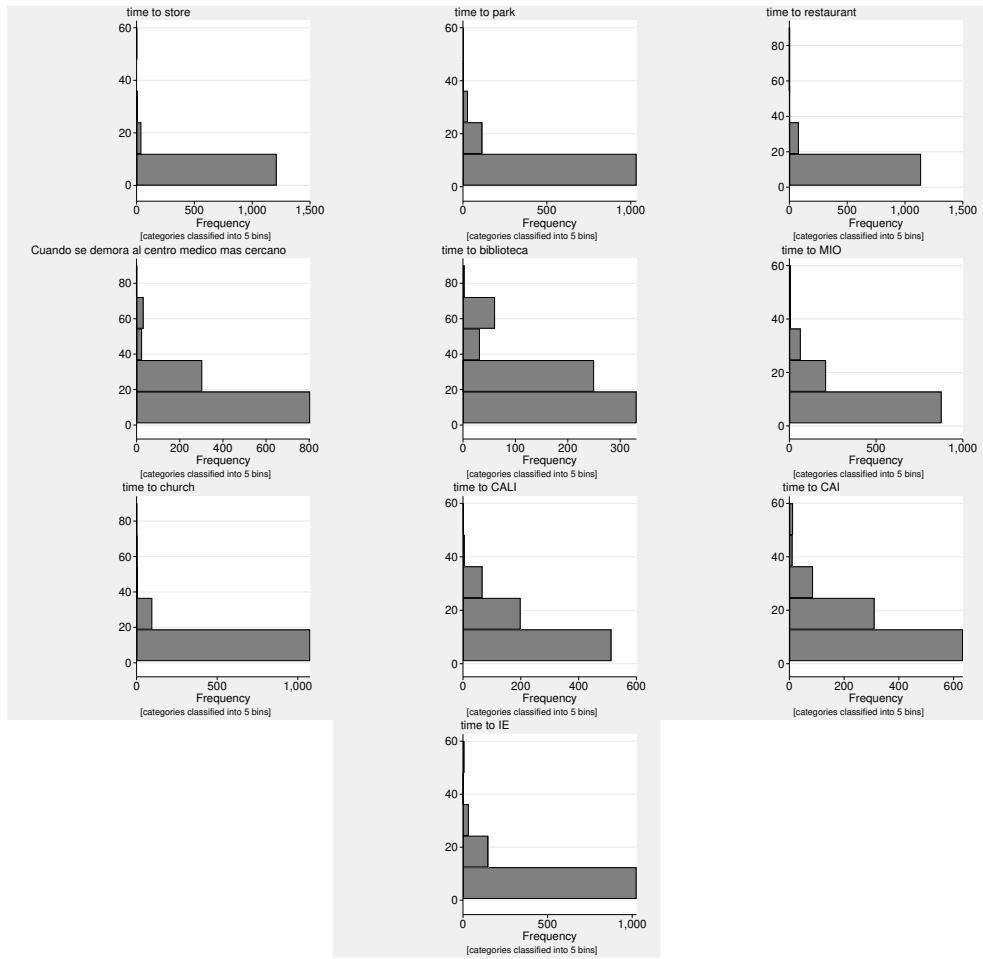


Figure 12: Variables' distribution.

Results

Note that income is expressed in terms of monthly minimum wage (SMMLV).

Mala MIO

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| Acceso a medio de transporte: MIO | -0.30* | -0.33* | -0.34* | -0.36* | -0.38* | -0.40* |
| Edad | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 |
| edad2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECODE of sexo (Sexo) | 0.21+ | 0.24* | 0.23* | 0.19+ | 0.25* | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.29* | 0.30* | 0.25+ | 0.28* | 0.26+ | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.41* | 0.43* | 0.38+ | 0.35+ | 0.37+ | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.72** | 0.75** | 0.70* | 0.57* | 0.60* | |
| Mas de 8 SMMLV | 0.74+ | 0.70+ | 0.73+ | 0.45 | 0.39 | |
| No tiene ingresos | -0.03 | -0.01 | -0.06 | -0.07 | -0.08 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | 0.05 | 0.09 | 0.03 | 0.08 | 0.09 | |
| Indígena | 0.14 | 0.12 | 0.09 | 0.14 | 0.06 | |
| Negro/afró | -0.06 | -0.05 | -0.04 | -0.02 | -0.02 | |
| Otro | 0.14 | 0.09 | 0.12 | 0.18 | 0.13 | |
| Ninguno | 0.64* | 0.63* | 0.62* | 0.66* | 0.64* | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union íbre | 0.05 | 0.05 | 0.04 | 0.07 | 0.07 | |
| Separado/divorciado | -0.65** | -0.69** | -0.69** | -0.64** | -0.74** | |
| Soltero(a) | -0.35* | -0.36* | -0.36* | -0.34* | -0.36* | |
| Viudo(a) | 0.08 | 0.08 | 0.01 | 0.12 | 0.07 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | 0.01 | 0.02 | -0.01 | -0.03 | 0.00 | |
| Tecnica | -0.19 | -0.16 | -0.22 | -0.25 | -0.22 | |
| Profesional | -0.19 | -0.18 | -0.23 | -0.34 | -0.30 | |
| Posgrado | -0.29 | -0.28 | -0.30 | -0.53+ | -0.45 | |
| Ninguno | 2.01*** | 1.66*** | 1.72*** | 1.99*** | 1.41*** | |
| Estado de salud | 0.29*** | 0.28*** | 0.29*** | 0.27*** | 0.27*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.21+ | | | -0.19 | |
| Lugares baldios en su barrio | 0.05 | | | | 0.08 | |
| Presencia de policía en su barrio | 0.08 | | | | 0.07 | |
| Siente que su barrio es seguro | -0.01 | | | | -0.07 | |
| Siente que su barrio es seguro | 0.00 | | | | | |
| Percepcion de seguridad | 0.27* | | | | 0.33** | |
| Comuna=1 | | 0.00 | | | 0.00 | |
| Comuna=2 | | -0.09 | | | -0.30 | |
| Comuna=3 | | 0.11 | | | 0.03 | |
| Comuna=4 | | 0.25 | | | 0.11 | |
| Comuna=5 | | -0.03 | | | -0.18 | |
| Comuna=6 | | 0.15 | | | 0.08 | |
| Comuna=7 | | -0.33 | | | -0.48 | |
| Comuna=8 | | -0.29 | | | -0.30 | |
| Comuna=9 | | 0.15 | | | -0.03 | |
| Comuna=10 | | 0.10 | | | -0.10 | |
| Comuna=11 | | 0.05 | | | -0.06 | |
| Comuna=12 | | -0.04 | | | -0.18 | |
| Comuna=13 | | -0.24 | | | -0.24 | |
| Comuna=14 | | -0.19 | | | -0.14 | |
| Comuna=15 | | -0.37 | | | -0.42 | |
| Comuna=16 | | 0.34 | | | 0.26 | |
| Comuna=17 | | 0.13 | | | -0.19 | |
| Comuna=18 | | 0.07 | | | 0.07 | |
| Comuna=19 | | -0.10 | | | -0.39 | |
| Comuna=20 | | 0.11 | | | 0.10 | |
| Comuna=21 | | 0.24 | | | 0.20 | |
| Comuna=22 | | 0.44 | | | 0.10 | |
| Comuna=23 | | -0.42 | | | -0.56 | |
| Estrato Socioeconomico=1 | | | 0.00 | | 0.00 | |
| Estrato Socioeconomico=2 | | | 0.13 | | 0.13 | |
| Estrato Socioeconomico=3 | | | 0.16 | | 0.22 | |
| Estrato Socioeconomico=4 | | | 0.23 | | 0.35 | |
| Estrato Socioeconomico=5 | | | 0.65** | | 0.84** | |
| Estrato Socioeconomico=6 | | | 0.49 | | 0.60 | |
| Siente que su barrio es seguro | | | | | 0.00 | |
| constant | 8.83*** | 8.13*** | 8.06*** | 8.27*** | 8.17*** | 8.24*** |
| N | 1268 | 1211 | 1194 | 1204 | 1207 | 1183 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust std err

Table 4: OLS regressions of satisfaccionvida.

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| 5 quantiles of miotempo=1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 quantiles of miotempo=2 | -0.09 | -0.13 | -0.16 | -0.14 | -0.11 | -0.14 |
| 5 quantiles of miotempo=3 | 0.17 | 0.12 | 0.09 | 0.13 | 0.13 | 0.12 |
| 5 quantiles of miotempo=4 | -0.09 | -0.07 | -0.08 | -0.06 | -0.07 | -0.07 |
| 5 quantiles of miotempo=5 | 0.25 | 0.25 | 0.26 | 0.27 | 0.29+ | 0.34+ |
| Edad | -0.02 | -0.01 | -0.02 | -0.02 | -0.02 | -0.02 |
| edad2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECODE of sexo (Sexo) | 0.19+ | 0.22+ | 0.22+ | 0.17 | 0.22+ | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.37* | 0.37* | 0.33* | 0.37* | 0.33* | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.45* | 0.46* | 0.42+ | 0.41+ | 0.41+ | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.81** | 0.86** | 0.78** | 0.67* | 0.69* | |
| Mas de 8 SMMLV | 0.72+ | 0.65 | 0.70+ | 0.45 | 0.34 | |
| No tiene ingresos | 0.01 | 0.03 | -0.01 | -0.03 | -0.03 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | 0.01 | 0.04 | -0.02 | 0.04 | 0.04 | |
| Indigena | 0.10 | 0.07 | 0.04 | 0.11 | -0.02 | |
| Negro/afro | -0.12 | -0.12 | -0.11 | -0.10 | -0.10 | |
| Otro | 0.04 | -0.02 | 0.04 | 0.09 | 0.06 | |
| Ninguno | 0.47 | 0.51+ | 0.42 | 0.51+ | 0.50 | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union ibre | 0.04 | 0.03 | 0.04 | 0.06 | 0.06 | |
| Separado/divorciado | -0.61* | -0.67** | -0.64* | -0.60* | -0.70** | |
| Soltero(a) | -0.37* | -0.38* | -0.38* | -0.36* | -0.38* | |
| Viudo(a) | 0.00 | 0.02 | -0.09 | 0.08 | 0.01 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | -0.08 | -0.08 | -0.09 | -0.13 | -0.08 | |
| Tecnica | -0.35 | -0.33 | -0.35 | -0.44+ | -0.37 | |
| Profesional | -0.27 | -0.25 | -0.25 | -0.42+ | -0.33 | |
| Posgrado | -0.40 | -0.39 | -0.33 | -0.65* | -0.50 | |
| Ninguno | 1.72*** | 1.33*** | 1.46*** | 1.68*** | 1.11** | |
| Estado de salud | 0.29*** | 0.28*** | 0.29*** | 0.27*** | 0.27*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.23+ | | | -0.22+ | |
| Lugares baldios en su barrio | 0.05 | | | | 0.07 | |
| Presencia de policia en su barrio | 0.13 | | | | 0.11 | |
| Siente que su barrio es seguro | -0.03 | | | | -0.09 | |
| Siente que su barrio es seguro | 0.00 | | | | | |
| Percepcion de seguridad | 0.25* | | | | 0.29** | |
| Comuna=1 | | 0.00 | | | 0.00 | |
| Comuna=2 | | -0.21 | | | -0.39 | |
| Comuna=3 | | 0.08 | | | 0.05 | |
| Comuna=4 | | 0.18 | | | 0.09 | |
| Comuna=5 | | -0.27 | | | -0.34 | |
| Comuna=6 | | 0.09 | | | 0.04 | |
| Comuna=7 | | -0.39 | | | -0.54 | |
| Comuna=8 | | -0.34 | | | -0.30 | |
| Comuna=9 | | 0.08 | | | -0.04 | |
| Comuna=10 | | 0.01 | | | -0.14 | |
| Comuna=11 | | 0.06 | | | -0.03 | |
| Comuna=12 | | -0.16 | | | -0.28 | |
| Comuna=13 | | -0.34 | | | -0.32 | |
| Comuna=14 | | -0.27 | | | -0.20 | |
| Comuna=15 | | -0.54 | | | -0.57 | |
| Comuna=16 | | 0.24 | | | 0.12 | |
| Comuna=17 | | -0.06 | | | -0.34 | |
| Comuna=18 | | -0.04 | | | 0.04 | |
| Comuna=19 | | -0.28 | | | -0.50 | |
| Comuna=20 | | 0.04 | | | 0.07 | |
| Comuna=21 | | 0.11 | | | 0.08 | |
| Comuna=22 | | 0.32 | | | -0.03 | |
| Comuna=23 | | -0.79 | | | -0.88 | |
| Estrato Socioeconomico=1 | | | 0.00 | | 0.00 | |
| Estrato Socioeconomico=2 | | | 0.20 | | 0.21 | |
| Estrato Socioeconomico=3 | | | 0.16 | | 0.20 | |
| Estrato Socioeconomico=4 | | | 0.19 | | 0.33 | |
| Estrato Socioeconomico=5 | | | 0.68** | | 0.90** | |
| Estrato Socioeconomico=6 | | | 0.56 | | 0.63 | |
| Siente que su barrio es seguro | | | | | 0.00 | |
| constant | 8.50*** | 7.88*** | 7.86*** | 8.07*** | 7.88*** | 8.04*** |
| N | 1166 | 1116 | 1103 | 1109 | 1112 | 1092 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 5: OLS regressions of satisfaccionvida.note 5th quintile is 18 min or more

The negative effect of MIO is in contrast to the positive effect⁹ of Bus in 6.

Lina: what's Bus? like those city to city at terminal de transporte? or Bus is unofficial transp like Guala/moto? or like MIO, just

TODO explain difference here

⁹Though insignificant in more elaborate specifications.

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| Acceso a medio de transporte: Bus | 0.19+ | 0.18+ | 0.19+ | 0.16 | 0.17 | 0.15 |
| Edad | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 |
| edad2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECODE of sexo (Sexo) | 0.20+ | 0.23* | 0.22* | 0.17 | 0.23* | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.27+ | 0.28* | 0.23+ | 0.27+ | 0.25+ | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.37+ | 0.39+ | 0.35 | 0.32 | 0.34 | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.69** | 0.73** | 0.68* | 0.55* | 0.58* | |
| Mas de 8 SMMLV | 0.76* | 0.73+ | 0.74+ | 0.45 | 0.40 | |
| No tiene ingresos | -0.04 | -0.02 | -0.07 | -0.08 | -0.08 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | 0.05 | 0.09 | 0.02 | 0.07 | 0.08 | |
| Indígena | 0.18 | 0.16 | 0.12 | 0.18 | 0.09 | |
| Negro/afro | -0.07 | -0.05 | -0.05 | -0.04 | -0.03 | |
| Otro | 0.23 | 0.20 | 0.22 | 0.29 | 0.24 | |
| Ninguno | 0.69* | 0.68* | 0.67* | 0.71** | 0.69* | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union ibre | 0.06 | 0.06 | 0.05 | 0.08 | 0.08 | |
| Separado/divorciado | -0.64** | -0.69** | -0.68** | -0.63** | -0.73** | |
| Soltero(a) | -0.36* | -0.37* | -0.36* | -0.34* | -0.36* | |
| Viudo(a) | 0.10 | 0.10 | 0.05 | 0.13 | 0.09 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | 0.01 | 0.01 | -0.01 | -0.02 | 0.00 | |
| Tecnica | -0.20 | -0.18 | -0.23 | -0.26 | -0.23 | |
| Profesional | -0.21 | -0.20 | -0.24 | -0.33 | -0.31 | |
| Posgrado | -0.32 | -0.31 | -0.33 | -0.54+ | -0.48 | |
| Ninguno | 2.06*** | 1.72*** | 1.76*** | 2.01*** | 1.45*** | |
| Estado de salud | 0.28*** | 0.27*** | 0.29*** | 0.27*** | 0.27*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.22+ | | | -0.20 | |
| Lugares baldios en su barrio | | 0.06 | | | 0.07 | |
| Presencia de policia en su barrio | | 0.06 | | | 0.06 | |
| Siente que su barrio es seguro | | -0.02 | | | -0.08 | |
| Siente que su barrio es seguro | | 0.00 | | | | |
| Percepcion de seguridad | | 0.26* | | | 0.31** | |
| Comuna=1 | | | 0.00 | | 0.00 | |
| Comuna=2 | | | -0.25 | | -0.47 | |
| Comuna=3 | | | -0.08 | | -0.19 | |
| Comuna=4 | | | 0.03 | | -0.13 | |
| Comuna=5 | | | -0.22 | | -0.38 | |
| Comuna=6 | | | -0.09 | | -0.17 | |
| Comuna=7 | | | -0.51 | | -0.67+ | |
| Comuna=8 | | | -0.48 | | -0.50 | |
| Comuna=9 | | | -0.06 | | -0.25 | |
| Comuna=10 | | | -0.11 | | -0.31 | |
| Comuna=11 | | | -0.19 | | -0.32 | |
| Comuna=12 | | | -0.21 | | -0.37 | |
| Comuna=13 | | | -0.44 | | -0.46 | |
| Comuna=14 | | | -0.38 | | -0.37 | |
| Comuna=15 | | | -0.56 | | -0.62 | |
| Comuna=16 | | | 0.13 | | 0.03 | |
| Comuna=17 | | | -0.07 | | -0.39 | |
| Comuna=18 | | | -0.09 | | -0.13 | |
| Comuna=19 | | | -0.27 | | -0.58 | |
| Comuna=20 | | | -0.04 | | -0.08 | |
| Comuna=21 | | | 0.05 | | -0.02 | |
| Comuna=22 | | | 0.21 | | -0.15 | |
| Comuna=23 | | | -0.57 | | -0.74 | |
| Estrato Socioeconomico=1 | | | | 0.00 | 0.00 | |
| Estrato Socioeconomico=2 | | | | 0.08 | 0.10 | |
| Estrato Socioeconomico=3 | | | | 0.10 | 0.18 | |
| Estrato Socioeconomico=4 | | | | 0.17 | 0.31 | |
| Estrato Socioeconomico=5 | | | | 0.60** | 0.79** | |
| Estrato Socioeconomico=6 | | | | 0.49 | 0.62 | |
| Siente que su barrio es seguro | | | | | 0.00 | |
| constant | 8.43*** | 7.77*** | 7.72*** | 8.04*** | 7.81*** | 8.05*** |
| N | 1268 | 1211 | 1194 | 1204 | 1207 | 1183 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 6: OLS regressions of satisfaccionvida.

Similarly: How to get to the nearest MIO location (Como se moviliza al paradero del MIO mas cercana) in table 7

those who take motorcycle or car (Moto o carro) or those who reply NS/NR –they are happier.¹⁰

Lina, is it rt? what's "NS/NR" in this question? no MIO?; or "No hay" mean no MIO? if unclear, say can be both, can just drop

¹⁰We postpone to SOM as there are only 42 obs on "Moto o carro" and 37 on "NS/NR," vast majority, 84% walks "Caminando."

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| Caminando | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Moto o carro | 0.40* | 0.40* | 0.44* | 0.35+ | 0.41* | 0.44* |
| MIO o bus | -0.06 | -0.01 | 0.01 | -0.03 | -0.01 | 0.01 |
| Bicicleta | -0.78 | -0.67 | -0.65 | -0.63 | -0.70 | -0.63 |
| NS/NR | 0.69*** | 0.77*** | 0.79*** | 0.73*** | 0.74*** | 0.71** |
| No hay | -0.04 | 0.01 | -0.07 | -0.03 | 0.04 | -0.08 |
| Edad | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 |
| edad2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECODE of sexo (Sexo) | 0.21+ | 0.24* | 0.23* | 0.18+ | 0.24* | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.29* | 0.30* | 0.25+ | 0.29* | 0.27+ | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.39+ | 0.40+ | 0.36+ | 0.35 | 0.35 | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.68** | 0.71* | 0.67* | 0.55* | 0.57+ | |
| Mas de 8 SMMLV | 0.64+ | 0.59 | 0.63 | 0.35 | 0.29 | |
| No tiene ingresos | -0.05 | -0.02 | -0.07 | -0.09 | -0.08 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | 0.04 | 0.07 | 0.01 | 0.07 | 0.07 | |
| Indigena | 0.10 | 0.08 | 0.05 | 0.11 | 0.02 | |
| Negro/afro | -0.08 | -0.07 | -0.07 | -0.05 | -0.05 | |
| Otro | 0.12 | 0.06 | 0.14 | 0.17 | 0.13 | |
| Ninguno | 0.62* | 0.60* | 0.59* | 0.65* | 0.62* | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union libre | 0.07 | 0.06 | 0.06 | 0.09 | 0.09 | |
| Separado/divorciado | -0.65** | -0.70** | -0.69** | -0.63** | -0.74** | |
| Soltero(a) | -0.35* | -0.36* | -0.35* | -0.33* | -0.36* | |
| Viudo(a) | 0.02 | 0.01 | -0.03 | 0.08 | 0.03 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | -0.01 | -0.01 | -0.02 | -0.04 | -0.02 | |
| Tecnica | -0.24 | -0.22 | -0.26 | -0.30 | -0.27 | |
| Profesional | -0.22 | -0.21 | -0.24 | -0.35 | -0.32 | |
| Posgrado | -0.28 | -0.27 | -0.27 | -0.50 | -0.42 | |
| Ninguno | 1.97*** | 1.64*** | 1.71*** | 1.96*** | 1.42*** | |
| Estado de salud | 0.29*** | 0.28*** | 0.30*** | 0.28*** | 0.27*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.23+ | | | -0.21+ | |
| Lugares baldios en su barrio | 0.04 | | | | 0.06 | |
| Presencia de policia en su barrio | 0.09 | | | | 0.07 | |
| Siente que su barrio es seguro | -0.04 | | | | -0.10 | |
| Siente que su barrio es seguro | 0.00 | | | | | |
| Percepcion de seguridad | 0.27* | | | | 0.32** | |
| Comuna=1 | | 0.00 | | | 0.00 | |
| Comuna=2 | | -0.22 | | | -0.45 | |
| Comuna=3 | | -0.02 | | | -0.13 | |
| Comuna=4 | | 0.09 | | | -0.09 | |
| Comuna=5 | | -0.26 | | | -0.42 | |
| Comuna=6 | | -0.03 | | | -0.13 | |
| Comuna=7 | | -0.44 | | | -0.61 | |
| Comuna=8 | | -0.43 | | | -0.47 | |
| Comuna=9 | | -0.03 | | | -0.23 | |
| Comuna=10 | | -0.07 | | | -0.28 | |
| Comuna=11 | | -0.10 | | | -0.25 | |
| Comuna=12 | | -0.22 | | | -0.39 | |
| Comuna=13 | | -0.40 | | | -0.43 | |
| Comuna=14 | | -0.33 | | | -0.33 | |
| Comuna=15 | | -0.54 | | | -0.62 | |
| Comuna=16 | | 0.18 | | | 0.07 | |
| Comuna=17 | | -0.06 | | | -0.37 | |
| Comuna=18 | | -0.07 | | | -0.10 | |
| Comuna=19 | | -0.27 | | | -0.57 | |
| Comuna=20 | | -0.01 | | | -0.06 | |
| Comuna=21 | | 0.07 | | | -0.01 | |
| Comuna=22 | | 0.21 | | | -0.18 | |
| Comuna=23 | | -0.56 | | | -0.73 | |
| Estrato Socioeconomico=1 | | | 0.00 | | 0.00 | |
| Estrato Socioeconomico=2 | | | 0.12 | | 0.14 | |
| Estrato Socioeconomico=3 | | | 0.12 | | 0.20 | |
| Estrato Socioeconomico=4 | | | 0.16 | | 0.29 | |
| Estrato Socioeconomico=5 | | | 0.61** | | 0.80** | |
| Estrato Socioeconomico=6 | | | 0.50 | | 0.59 | |
| Siente que su barrio es seguro | | | | | 0.00 | |
| constant | 8.53*** | 7.88*** | 7.84*** | 8.12*** | 7.90*** | 8.13*** |
| N | 1260 | 1205 | 1188 | 1198 | 1201 | 1177 |
| + 0.10 * 0.05 ** 0.01 *** 0.001; robust std err | | | | | | |

Table 7: OLS regressions of satisfaccionvida.

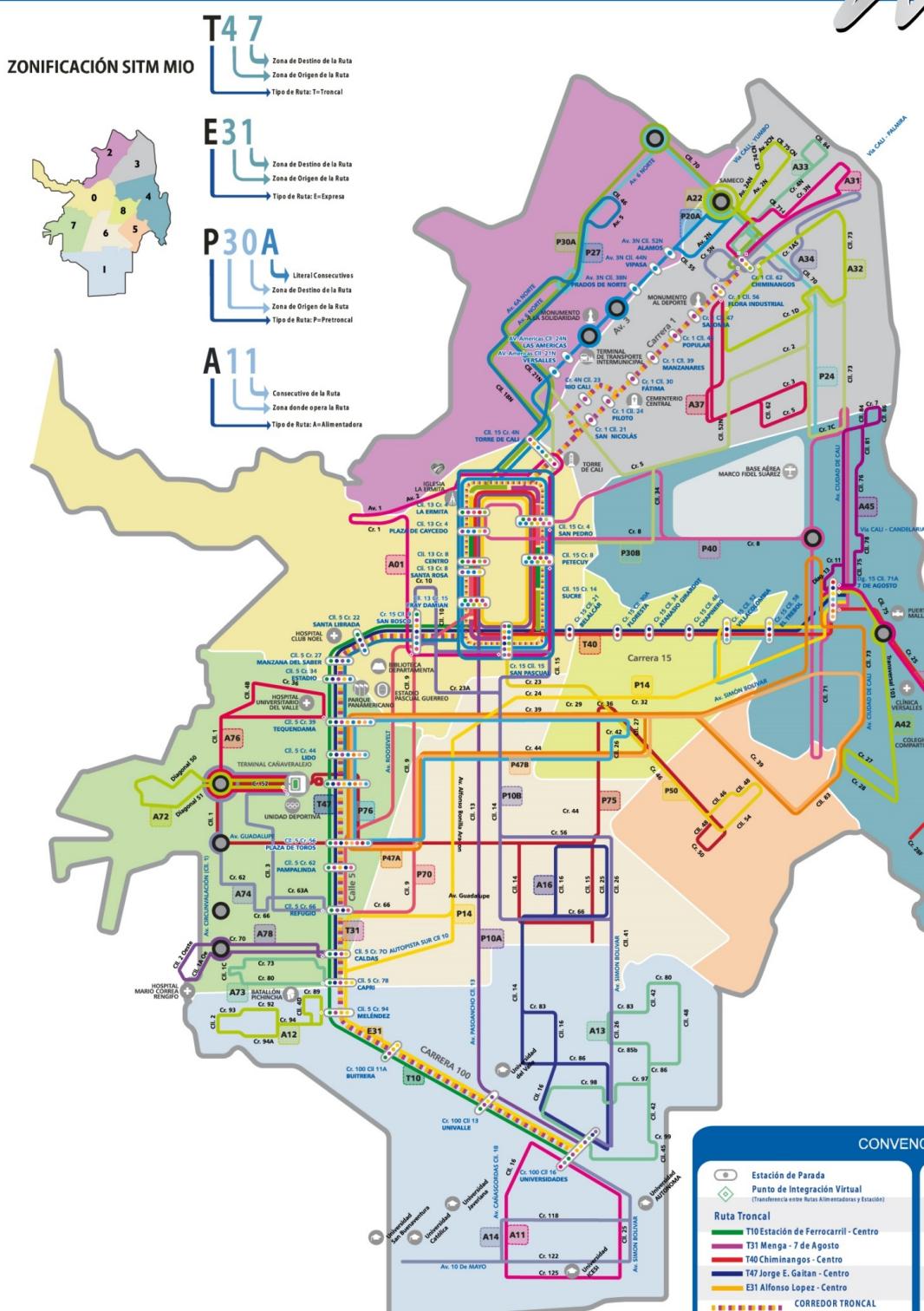
| | a1 | a2 | a3 | a4 | a5 | a6 |
|--|----------|----------|----------|----------|---------|---------|
| Numero de transbordos que realiza al transportarse=0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Numero de transbordos que realiza al transportarse=1 | 0.33 | 0.44+ | 0.45+ | 0.40 | 0.38 | 0.38 |
| Numero de transbordos que realiza al transportarse=2 | 0.20 | 0.24 | 0.32 | 0.22 | 0.23 | 0.30 |
| Numero de transbordos que realiza al transportarse=3 | -0.15 | 0.04 | 0.09 | 0.02 | 0.01 | 0.08 |
| Numero de transbordos que realiza al transportarse=4 | 0.13 | 0.81 | 0.97* | 0.82+ | 0.67 | 0.94 |
| Edad | -0.00 | -0.01 | -0.00 | 0.00 | -0.01 | |
| edad2 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 | |
| RECODE of sexo (Sexo) | 0.21 | 0.26 | 0.22 | 0.23 | 0.30+ | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.14 | 0.18 | 0.01 | 0.10 | 0.04 | |
| Mas de 2 SMMLV y menos de 4 SMMLV | -0.09 | -0.08 | -0.09 | -0.23 | -0.20 | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.92* | 0.80* | 0.61 | 0.76+ | 0.48 | |
| Mas de 8 SMMLV | -0.70* | -0.82* | -1.51*** | -0.74* | -1.53** | |
| No tiene ingresos | 0.07 | 0.17 | -0.01 | 0.05 | 0.05 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | -0.26 | -0.16 | -0.26 | -0.24 | -0.16 | |
| Indígena | -0.60 | -0.66 | -0.66 | -0.52 | -0.70 | |
| Negro/afro | -0.39+ | -0.38+ | -0.26 | -0.33 | -0.20 | |
| Otro | -1.47*** | -1.56*** | -1.50*** | -1.44*** | -1.53** | |
| Ninguno | 1.47*** | 1.45*** | 1.19*** | 1.56*** | 1.28*** | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union ibre | 0.08 | 0.14 | 0.09 | 0.05 | 0.11 | |
| Separado/divorciado | -0.83* | -0.83+ | -0.85* | -0.89* | -0.84* | |
| Soltero(a) | -0.29 | -0.26 | -0.33 | -0.37 | -0.35 | |
| Viudo(a) | 0.59 | 0.54 | 0.55 | 0.47 | 0.38 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | 0.30 | 0.35 | 0.22 | 0.34 | 0.32 | |
| Tecnica | -0.02 | 0.03 | -0.10 | 0.00 | 0.01 | |
| Profesional | -0.16 | -0.16 | -0.24 | -0.21 | -0.24 | |
| Posgrado | -0.08 | 0.04 | -0.28 | -0.47 | -0.40 | |
| Estado de salud | 0.33*** | 0.33*** | 0.33*** | 0.32*** | 0.33*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.09 | | | -0.01 | |
| Lugares baldios en su barrio | 0.22 | | | | 0.16 | |
| Presencia de policia en su barrio | 0.10 | | | | 0.12 | |
| Siente que su barrio es seguro | -0.00 | | | | -0.12 | |
| Siente que su barrio es seguro | 0.00 | | | | | |
| Percepcion de seguridad | 0.38* | | | | 0.43* | |
| Comuna=1 | | 0.00 | | | 0.00 | |
| Comuna=2 | | -0.32 | | | -0.40 | |
| Comuna=3 | | 0.31 | | | 0.20 | |
| Comuna=4 | | 0.51 | | | 0.42 | |
| Comuna=5 | | 0.47 | | | 0.34 | |
| Comuna=6 | | 0.27 | | | 0.31 | |
| Comuna=7 | | -0.02 | | | -0.01 | |
| Comuna=8 | | -0.12 | | | -0.24 | |
| Comuna=9 | | 0.21 | | | 0.16 | |
| Comuna=10 | | 0.14 | | | -0.16 | |
| Comuna=11 | | -0.04 | | | -0.07 | |
| Comuna=12 | | -0.70 | | | -0.80 | |
| Comuna=13 | | -0.46 | | | -0.47 | |
| Comuna=14 | | -0.41 | | | -0.49 | |
| Comuna=15 | | -0.56 | | | -0.61 | |
| Comuna=16 | | 0.05 | | | -0.01 | |
| Comuna=17 | | -0.02 | | | -0.43 | |
| Comuna=18 | | 0.46 | | | 0.40 | |
| Comuna=19 | | 0.45 | | | -0.01 | |
| Comuna=20 | | 0.04 | | | -0.08 | |
| Comuna=21 | | 0.66 | | | 0.50 | |
| Comuna=22 | | -1.34+ | | | -1.89+ | |
| Comuna=23 | | -1.57+ | | | -1.47 | |
| Estrato Socioeconomico=1 | | | 0.00 | | 0.00 | |
| Estrato Socioeconomico=2 | | | -0.24 | | -0.18 | |
| Estrato Socioeconomico=3 | | | 0.01 | | 0.01 | |
| Estrato Socioeconomico=4 | | | 0.23 | | 0.41 | |
| Estrato Socioeconomico=5 | | | 0.91* | | 1.24* | |
| Estrato Socioeconomico=6 | | | 1.24*** | | 1.77*** | |
| Siente que su barrio es seguro | | | | | 0.00 | |
| constant | 8.37*** | 7.40*** | 6.92*** | 7.52*** | 7.42*** | 7.21*** |
| N | 475 | 454 | 447 | 453 | 453 | 445 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 8: OLS regressions of satisfaccionvida. Interesting, just 500 obs, would be significant otherwise, big coef magnitude, the last one sig at .11 (but not .10)

Access to Mio across neighborhoods

Troncales, Pretroncales y Alimentadoras



Horarios Rutas Pretroncales y Alimentadoras

Rutas Pretroncales

Lunes a Viernes: 5:00 AM a 11 PM

Sábado: 5:00 AM a 11 PM

Rutas Alimentadoras

Lunes a Viernes: 4:30 AM a 11 PM

Sábado: 5:00 AM a 11:30 PM

Below is a listing of access to MIO by comuna and barrio.

Comuna 1 has by far most people saying "No," and almost all comunas have few people saying "No."

| Comuna | Acceso a medio de transporte: MIO | | |
|--------|-----------------------------------|-------|-------|
| | No | Si | Total |
| 1 | 35 | 18 | 53 |
| 2 | 8 | 76 | 84 |
| 3 | 2 | 47 | 49 |
| 4 | 2 | 52 | 54 |
| 5 | 2 | 40 | 42 |
| 6 | 3 | 88 | 91 |
| 7 | 6 | 37 | 43 |
| 8 | 2 | 50 | 52 |
| 9 | 0 | 46 | 46 |
| 10 | 4 | 52 | 56 |
| 11 | 0 | 43 | 43 |
| 12 | 1 | 27 | 28 |
| 13 | 6 | 78 | 84 |
| 14 | 6 | 81 | 87 |
| 15 | 4 | 38 | 42 |
| 16 | 5 | 58 | 63 |
| 17 | 3 | 103 | 106 |
| 18 | 5 | 54 | 59 |
| 19 | 2 | 58 | 60 |
| 20 | 4 | 40 | 44 |
| 21 | 2 | 47 | 49 |
| 22 | 1 | 19 | 20 |
| 23 | 1 | 6 | 7 |
| Total | 104 | 1,158 | 1,262 |

And more fine resolution by barrio. Many barrios have a person or two reporting not having access to MIO, and while MIO is ubiquitous throughout Cali, it is perfectly reasonable for a respondent to live in a section of a barrio that is relatively far from MIO [Lina, is that right? or people report nonsense]

One barrio, Terron Colorado, clearly stands out with 33 people saying "No" Second biggest has 9, third biggest has 4, and all others 3 or fewer. most barrios/neighborhoods dont have anyone saying no access, still the spread is quite large, a few dozen neighborhoods have at least one person saying no access

| Barrio de residencia | Acceso a medio de transporte: MIO | | |
|-----------------------|-----------------------------------|----|-------|
| | No | Si | Total |
| . | 0 | 2 | 2 |
| Aguablanca | 0 | 4 | 4 |
| Aguablanca | 0 | 2 | 2 |
| Aguacatala | 1 | 4 | 5 |
| Alameda | 0 | 4 | 4 |
| Alameda | 0 | 3 | 3 |
| Alferez Real | 0 | 1 | 1 |
| Alfonso Barberena | 0 | 1 | 1 |
| Alfonso Bonilla Ara.. | 1 | 12 | 13 |
| Alfonso Lopez | 4 | 16 | 20 |
| Alfonso Lopez III | 0 | 2 | 2 |
| Alirio Mora Beltran | 0 | 5 | 5 |
| Alto Napolis | 1 | 2 | 3 |
| Alto napoles | 0 | 1 | 1 |
| Altos de Menga | 0 | 1 | 1 |
| Antonio Narino | 2 | 11 | 13 |
| Aranjuez | 0 | 5 | 5 |
| Asturias | 0 | 2 | 2 |
| Asturias | 0 | 1 | 1 |
| Atanasio Girardot | 0 | 3 | 3 |
| Barrio Departamental | 0 | 3 | 3 |
| Barrio Obrero | 0 | 3 | 3 |
| Barrio Olaya Herrera | 0 | 1 | 1 |
| Barrio San Carlos | 0 | 5 | 5 |
| Belalcazar | 0 | 1 | 1 |
| Belalcazar | 0 | 2 | 2 |
| Belen | 0 | 5 | 5 |

| | | | |
|------------------------|---|-----|-----|
| Belisario Caicedo | 0 | 2 | 2 |
| Bellavista | 2 | 7 | 9 |
| Bolivariano | 0 | 2 | 2 |
| Bolivariano | 0 | 1 | 1 |
| Bretana | 0 | 12 | 12 |
| Brisas de Mayo | 0 | 5 | 5 |
| Brisas de los Alamos | 1 | 14 | 15 |
| Brisas del Limonar | 0 | 1 | 1 |
| Buenos Aires | 0 | 4 | 4 |
| Caldas | 0 | 4 | 4 |
| Calima | 0 | 7 | 7 |
| Calimio | 1 | 6 | 7 |
| Desepaz | 0 | 4 | 4 |
| Calypso | 0 | 4 | 4 |
| Calypso | 0 | 2 | 2 |
| Camino Real - Joaqu... | 0 | 4 | 4 |
| Canaverales - Los S.. | 0 | 2 | 2 |
| Caney | 0 | 27 | 27 |
| Capri | 0 | 6 | 6 |
| Caaverales - Los .. | 0 | 1 | 1 |
| Centenario | 0 | 5 | 5 |
| Champagnat | 0 | 4 | 4 |
| Champagnat | 0 | 1 | 1 |
| Chapinero | 0 | 2 | 2 |
| Charco Azul | 0 | 1 | 1 |
| Chiminangos I | 0 | 1 | 1 |
| Chiminangos II | 0 | 2 | 2 |
| Chipichape | 0 | 1 | 1 |
| Ciudad 2000 | 1 | 5 | 6 |
| Ciudad Cordoba | 1 | 21 | 22 |
| Ciudad Talanga | 0 | 2 | 2 |
| Ciudad los Alamos | 0 | 2 | 2 |
| Ciudadela Floralia | 2 | 52 | 54 |
| Ciudadela del Rio -- | 0 | 1 | 1 |
| Ciudadela del Rio -- | 0 | 2 | 2 |
| Ciudadela del campo | 0 | 1 | 1 |
| Colseguros Andes | 0 | 2 | 2 |
| Colseguros Andes | 0 | 4 | 4 |
| Compartir | 0 | 5 | 5 |
| Compartir | 0 | 3 | 3 |
| Cristobal Colon | 0 | 4 | 4 |
| Cuarto de Legua - G.. | 0 | 1 | 1 |
| Danubio | 0 | 1 | 1 |
| Doce de Octubre | 0 | 1 | 1 |
| El Bosque | 0 | 4 | 4 |
| El Diamante | 1 | 7 | 8 |
| El Diamante | 0 | 1 | 1 |
| El Dorado | 0 | 3 | 3 |
| El Guabal | 0 | 6 | 6 |
| El Ingenio | 0 | 9 | 9 |
| El Jardin | 0 | 6 | 6 |
| El Jordan | 0 | 2 | 2 |
| El Lido | 0 | 3 | 3 |
| El Limonar | 0 | 6 | 6 |
| El Morichal | 9 | 117 | 126 |
| El Mortinal | 0 | 1 | 1 |
| El Nacional | 0 | 2 | 2 |
| El Paraiso | 0 | 3 | 3 |
| El Piloto | 0 | 1 | 1 |
| El Poblado | 3 | 21 | 24 |
| El Poblado II | 0 | 6 | 6 |
| El Recuerdo | 0 | 1 | 1 |
| El Recuerdo | 0 | 2 | 2 |
| El Refugio | 1 | 3 | 4 |
| El Remanso | 0 | 4 | 4 |
| El Rodeo | 0 | 5 | 5 |
| El Sena | 0 | 1 | 1 |
| El Trebol | 0 | 1 | 1 |
| El Trebol | 0 | 1 | 1 |
| El Troncal | 0 | 7 | 7 |
| El Vergel | 1 | 6 | 7 |
| El laguito | 0 | 1 | 1 |
| Flora Industrial | 0 | 4 | 4 |
| Granada | 0 | 8 | 8 |
| Guayaquil | 0 | 3 | 3 |
| Guayaquil | 0 | 4 | 4 |
| Industrial | 0 | 1 | 1 |
| Industrial los mangos | 0 | 1 | 1 |
| Jorge Eliecer Gaitan | 0 | 4 | 4 |
| Jorge Isaacs | 0 | 1 | 1 |
| Jose Manuel Marroqu.. | 0 | 3 | 3 |
| Jose Manuel Marroqu.. | 0 | 1 | 1 |
| Jose Maria Cordoba | 0 | 1 | 1 |
| Juanambu | 0 | 1 | 1 |
| Junin | 0 | 8 | 8 |
| La Alianza | 0 | 1 | 1 |
| La Base | 0 | 3 | 3 |
| La Cascada | 0 | 2 | 2 |
| La Esmeralda | 0 | 1 | 1 |
| La Flora | 0 | 10 | 10 |
| La Floresta | 0 | 4 | 4 |
| La Fortaleza | 0 | 3 | 3 |
| La Gran Colombia | 0 | 1 | 1 |
| La Hacienda | 0 | 8 | 8 |
| La Independencia | 0 | 2 | 2 |

| | | | |
|------------------------|---|----|----|
| La Isla | 1 | 1 | 2 |
| La Libertad | 0 | 1 | 1 |
| La Merced | 0 | 3 | 3 |
| La Playa | 1 | 0 | 1 |
| La Rivera | 0 | 4 | 4 |
| La Selva | 0 | 2 | 2 |
| Las Acacias | 0 | 1 | 1 |
| Las Americas | 0 | 1 | 1 |
| Las Delicias | 0 | 2 | 2 |
| Las Granjas | 0 | 3 | 3 |
| Las Orquideas | 0 | 10 | 10 |
| Las Palmas | 0 | 1 | 1 |
| Las Quintas de Don .. | 0 | 6 | 6 |
| Las acacias | 0 | 2 | 2 |
| Laureano Gomez | 0 | 1 | 1 |
| Leon XIII | 0 | 3 | 3 |
| Lili | 0 | 11 | 11 |
| Lleras Camargo | 1 | 1 | 2 |
| Lleras Restrepo | 0 | 1 | 1 |
| Los Alcazares | 0 | 6 | 6 |
| Los Andes | 1 | 9 | 10 |
| Los Andes B - La Ria.. | 0 | 1 | 1 |
| Los Chorros | 2 | 8 | 10 |
| Los Comuneros I Etapa | 0 | 6 | 6 |
| Los Comuneros II Et.. | 0 | 2 | 2 |
| Los Conquistadores | 0 | 2 | 2 |
| Los Guaduales | 0 | 1 | 1 |
| Los Guayacanes | 0 | 2 | 2 |
| Los Lagos | 0 | 1 | 1 |
| Los Libertadores | 0 | 1 | 1 |
| Los Naranjos I | 0 | 6 | 6 |
| Los Parques Barranq.. | 0 | 2 | 2 |
| Los Pinos | 0 | 1 | 1 |
| Los Portales- Nuevo.. | 0 | 1 | 1 |
| Los Robles | 0 | 1 | 1 |
| Los Sauces | 0 | 2 | 2 |
| Lourdes | 0 | 2 | 2 |
| Lourdes | 0 | 2 | 2 |
| Manuela Beltran | 1 | 23 | 24 |
| Manzanares | 0 | 1 | 1 |
| Mariano Ramos | 0 | 19 | 19 |
| Melendez | 0 | 14 | 14 |
| Menga | 1 | 2 | 3 |
| Metropolitano del N.. | 0 | 1 | 1 |
| Miraflores | 0 | 1 | 1 |
| Mojica | 0 | 1 | 1 |
| Municipal | 0 | 2 | 2 |
| Napoles | 0 | 1 | 1 |
| Normandia | 0 | 1 | 1 |
| Normandia | 1 | 3 | 4 |
| Nueva Floresta | 0 | 8 | 8 |
| Nueva Tequendama | 0 | 1 | 1 |
| Olimpico | 0 | 2 | 2 |
| Omar Torrijos | 0 | 1 | 1 |
| Pampa Linda | 0 | 2 | 2 |
| Panamericano | 0 | 4 | 4 |
| Parcelaciones Pance | 0 | 3 | 3 |
| Petcuy Primera Etapa | 0 | 3 | 3 |
| Petcuy Segunda Etapa | 0 | 1 | 1 |
| Pizamos I | 0 | 4 | 4 |
| Polvorines | 0 | 1 | 1 |
| Popular | 1 | 7 | 8 |
| Porvenir | 0 | 6 | 6 |
| Potrero Grande | 0 | 9 | 9 |
| Prados del Norte | 0 | 1 | 1 |
| Prados del Oriente | 0 | 3 | 3 |
| Prados del Sur | 0 | 3 | 3 |
| Primavera | 0 | 1 | 1 |
| Primero de Mayo | 0 | 4 | 4 |
| Primitivo Crespo | 0 | 1 | 1 |
| Puerta del Sol | 3 | 13 | 16 |
| Puerto Mallarino | 0 | 3 | 3 |
| Rafael Uribe Uribe | 1 | 0 | 1 |
| Republica de Israel | 0 | 13 | 13 |
| Ricardo Balczzar | 0 | 3 | 3 |
| Rodrigo Lara Bonilla | 0 | 1 | 1 |
| Saavedra Galindo | 0 | 4 | 4 |
| Salomia | 0 | 15 | 15 |
| San Antonio | 1 | 5 | 6 |
| San Cayetano | 0 | 1 | 1 |
| San Fernando Nuevo | 0 | 6 | 6 |
| San Fernando Viejo | 0 | 4 | 4 |
| San Juan Bosco | 0 | 9 | 9 |
| San Judas Tadeo II | 1 | 1 | 2 |
| San Luis | 0 | 9 | 9 |
| San Luis II | 0 | 1 | 1 |
| San Marino | 2 | 3 | 5 |
| San Nicolas | 1 | 2 | 3 |
| San Pascual | 0 | 22 | 22 |
| San Pedro | 0 | 1 | 1 |
| San Pedro Claver | 0 | 1 | 1 |
| Santa Anita - La Se.. | 0 | 2 | 2 |
| Santa Barbara | 0 | 1 | 1 |
| Santa Elena | 3 | 3 | 6 |

| | | | |
|-----------------------|-----|-------|-------|
| Santa Fe | 1 | 4 | 5 |
| Santa Isabel | 0 | 1 | 1 |
| Santa Monica | 0 | 2 | 2 |
| Santa Monica | 0 | 1 | 1 |
| Santa Monica Popular | 0 | 5 | 5 |
| Santa Teresita | 0 | 5 | 5 |
| Santander | 0 | 1 | 1 |
| Santo Domingo | 0 | 4 | 4 |
| Sector Alto Jordan | 0 | 1 | 1 |
| Sector Alto de los .. | 0 | 1 | 1 |
| Sector Altos de Nor.. | 2 | 3 | 5 |
| Sector Caaveral.. | 0 | 2 | 2 |
| Seminario | 0 | 1 | 1 |
| Siete de Agosto | 0 | 5 | 5 |
| Siloe | 3 | 30 | 33 |
| Simon Bolivar | 0 | 1 | 1 |
| Sindical | 1 | 1 | 2 |
| Sucre | 0 | 1 | 1 |
| Suerte 90 | 0 | 1 | 1 |
| Terron Colorado | 33 | 11 | 44 |
| Torres de Comfandi | 0 | 5 | 5 |
| Ulpiano Lloreda | 1 | 4 | 5 |
| Unicentro Cali | 0 | 2 | 2 |
| Unidad Residencial .. | 0 | 2 | 2 |
| Union de Vivienda P.. | 2 | 7 | 9 |
| Urbanizacion Calimio | 0 | 2 | 2 |
| Urbanizacion Ciudad.. | 1 | 3 | 4 |
| Urbanizacion Nueva .. | 0 | 1 | 1 |
| Urbanizacion San Jo.. | 1 | 1 | 2 |
| Urbanizacion Tequen.. | 0 | 2 | 2 |
| Urbanizacion la Nue.. | 0 | 3 | 3 |
| Vallado | 2 | 9 | 11 |
| Valle Grande | 0 | 9 | 9 |
| Villa Colombia | 0 | 6 | 6 |
| Villa del Lago | 1 | 3 | 4 |
| Villa del Prado - E.. | 0 | 6 | 6 |
| Villa del Sur | 0 | 2 | 2 |
| Villanueva | 0 | 3 | 3 |
| Villanueva | 0 | 1 | 1 |
| Vipasa | 0 | 4 | 4 |
| Vista Hermosa | 2 | 0 | 2 |
| Total | 104 | 1,165 | 1,269 |

Let's zoom in on Terron Colorado in figure 14. Indeed much of it without MIO stops but there are around it at the top on Avenida 15 Oeste and Calle 11 Oeste; and south Cra 1,2, and 4. Indeed, the assessment of whether there is Mio is somewhat subjective, again the actual question is "Walking from your home, what public transport you have access in the neighborhood where you live ?: MIO"

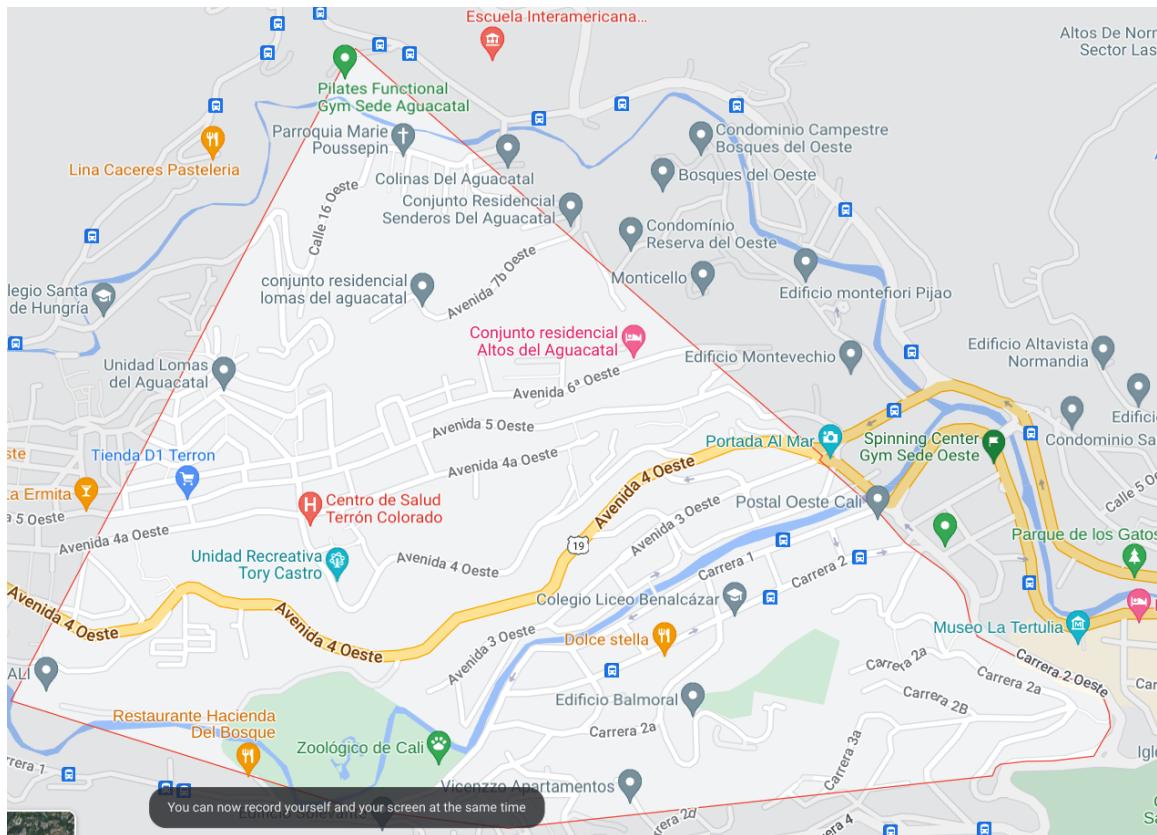


Figure 14: Google Maps image of Terron Colorado: <https://www.google.com/maps/place/Terron+Colorado,+Cali,+Valle+dels+Cauca/@3.4539485,-76.5546414,16z>

One of the authors, a long term resident of Cali, has observed that Terron Colorado is served by Gualas instead of a regular bus service

And note robustness checks later in this supplementary material—it is only regular bus service, MIO, not other types of transportation, that is robustly related to lower happiness.

Also, as a sidenote, it is not just the reality, but perception of it that matter for SWB, e.g., it's one thing that there is a bus stop nearby, and another thing that a person think there is one; one aspect that matters for whether it register's in person's mind is arguably salience—how important/prominent a bus stop is; future research can look more at actual presence v self report.

Circa o Lehos

Only MIO (again) if far away 5th quintile then good; and biblioteca—anything further than couple minutes bad

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| 5 quantiles of tiendatiempo=1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 quantiles of tiendatiempo=2 | 0.26+ | 0.22 | 0.19 | 0.23 | 0.18 | 0.16 |
| 5 quantiles of tiendatiempo=3 | 0.01 | -0.02 | -0.04 | -0.03 | -0.05 | -0.07 |
| 5 quantiles of tiendatiempo=4 | -0.07 | -0.15 | -0.16 | -0.16 | -0.18 | -0.20 |
| 5 quantiles of tiendatiempo=5 | 0.17 | 0.18 | 0.18 | 0.18 | 0.12 | 0.14 |
| Edad | -0.03 | -0.02 | -0.03 | -0.03 | -0.03 | -0.03 |
| edad2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECODE of sexo (Sexo) | 0.20+ | 0.23* | 0.22+ | 0.17 | 0.23* | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.28* | 0.30* | 0.25+ | 0.28* | 0.27+ | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.42* | 0.43* | 0.39+ | 0.36+ | 0.37+ | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.73** | 0.77** | 0.72* | 0.60* | 0.64* | |
| Mas de 8 SMMLV | 0.70+ | 0.67 | 0.72+ | 0.43 | 0.41 | |
| No tiene ingresos | -0.06 | -0.03 | -0.08 | -0.10 | -0.09 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Mestizo | 0.06 | 0.09 | 0.03 | 0.09 | 0.10 | |
| Indígena | 0.18 | 0.16 | 0.14 | 0.19 | 0.10 | |
| Negro/afro | -0.05 | -0.05 | -0.04 | -0.03 | -0.02 | |
| Otro | 0.16 | 0.12 | 0.18 | 0.22 | 0.19 | |
| Ninguno | 0.65* | 0.63* | 0.62* | 0.67* | 0.64* | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Union ibre | 0.06 | 0.06 | 0.05 | 0.08 | 0.08 | |
| Separado/divorciado | -0.68** | -0.72** | -0.72** | -0.67** | -0.77** | |
| Soltero(a) | -0.36* | -0.38* | -0.37* | -0.35* | -0.38* | |
| Viudo(a) | 0.08 | 0.09 | 0.03 | 0.12 | 0.09 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | -0.01 | -0.00 | -0.02 | -0.04 | -0.01 | |
| Tecnica | -0.22 | -0.20 | -0.25 | -0.29 | -0.25 | |
| Profesional | -0.21 | -0.20 | -0.24 | -0.35 | -0.31 | |
| Posgrado | -0.32 | -0.31 | -0.33 | -0.55+ | -0.47 | |
| Ninguno | 1.97*** | 1.63*** | 1.72*** | 1.92*** | 1.39*** | |
| Estado de salud | 0.29*** | 0.28*** | 0.29*** | 0.27*** | 0.27*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.22+ | | | -0.20+ | |
| Lugares baldios en su barrio | 0.05 | | | | 0.07 | |
| Presencia de policia en su barrio | 0.07 | | | | 0.05 | |
| Siente que su barrio es seguro | -0.04 | | | | -0.10 | |
| Siente que su barrio es seguro | 0.00 | | | | | |
| Percepcion de seguridad | 0.28* | | | | 0.32** | |
| Comuna=1 | | 0.00 | | | 0.00 | |
| Comuna=2 | | -0.32 | | | -0.55+ | |
| Comuna=3 | | -0.09 | | | -0.21 | |
| Comuna=4 | | 0.01 | | | -0.16 | |
| Comuna=5 | | -0.33 | | | -0.48 | |
| Comuna=6 | | -0.08 | | | -0.19 | |
| Comuna=7 | | -0.53 | | | -0.70+ | |
| Comuna=8 | | -0.54 | | | -0.58+ | |
| Comuna=9 | | -0.06 | | | -0.27 | |
| Comuna=10 | | -0.13 | | | -0.34 | |
| Comuna=11 | | -0.18 | | | -0.31 | |
| Comuna=12 | | -0.26 | | | -0.42 | |
| Comuna=13 | | -0.44 | | | -0.47 | |
| Comuna=14 | | -0.38 | | | -0.37 | |
| Comuna=15 | | -0.61 | | | -0.68 | |
| Comuna=16 | | 0.13 | | | 0.02 | |
| Comuna=17 | | -0.08 | | | -0.41 | |
| Comuna=18 | | -0.13 | | | -0.16 | |
| Comuna=19 | | -0.25 | | | -0.57 | |
| Comuna=20 | | -0.08 | | | -0.11 | |
| Comuna=21 | | 0.00 | | | -0.06 | |
| Comuna=22 | | 0.15 | | | -0.21 | |
| Comuna=23 | | -0.67 | | | -0.85+ | |
| Estrato Socioeconomico=1 | | | 0.00 | | 0.00 | |
| Estrato Socioeconomico=2 | | | 0.12 | | 0.15 | |
| Estrato Socioeconomico=3 | | | 0.10 | | 0.21 | |
| Estrato Socioeconomico=4 | | | 0.23 | | 0.36 | |
| Estrato Socioeconomico=5 | | | 0.60** | | 0.80** | |
| Estrato Socioeconomico=6 | | | 0.43 | | 0.59 | |
| Siente que su barrio es seguro | | | 0.00 | | | |
| constant | 8.49*** | 7.96*** | 7.92*** | 8.26*** | 8.02*** | 8.29*** |
| N | 1263 | 1206 | 1189 | 1199 | 1202 | 1178 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 9: OLS regressions of satisfaccionvida.

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| 5 quantiles of parquetiempo=1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 quantiles of parquetiempo=2 | 0.15 | 0.20 | 0.20 | 0.20 | 0.20 | 0.21 |
| 5 quantiles of parquetiempo=4 | 0.32* | 0.32* | 0.34* | 0.33* | 0.32* | 0.33* |
| 5 quantiles of parquetiempo=5 | 0.19 | 0.20 | 0.21 | 0.22 | 0.20 | 0.22 |
| Edad | -0.02 | -0.02 | -0.03 | -0.02 | -0.02 | -0.02 |
| edad2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECODE of sexo (Sexo) | 0.18+ | 0.21+ | 0.20+ | 0.16 | 0.21+ | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.27+ | 0.27+ | 0.22 | 0.26+ | 0.24 | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.34 | 0.36 | 0.29 | 0.29 | 0.30 | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.67* | 0.70* | 0.64* | 0.51+ | 0.53+ | |
| Mas de 8 SMMLV | 0.80* | 0.77+ | 0.72+ | 0.48 | 0.40 | |
| No tiene ingresos | -0.03 | -0.01 | -0.05 | -0.07 | -0.06 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | 0.04 | 0.08 | 0.01 | 0.07 | 0.08 | |
| Indígena | 0.13 | 0.08 | 0.06 | 0.13 | -0.00 | |
| Negro/afro | -0.05 | -0.04 | -0.03 | -0.02 | 0.01 | |
| Otro | 0.19 | 0.16 | 0.20 | 0.25 | 0.22 | |
| Ninguno | 0.55+ | 0.56+ | 0.52+ | 0.58* | 0.57+ | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union libre | 0.10 | 0.10 | 0.10 | 0.13 | 0.12 | |
| Separado/divorciado | -0.66** | -0.71** | -0.71** | -0.64** | -0.76** | |
| Soltero(a) | -0.34* | -0.35* | -0.34* | -0.33* | -0.34* | |
| Viudo(a) | -0.16 | -0.10 | -0.22 | -0.13 | -0.11 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | -0.04 | -0.04 | -0.06 | -0.08 | -0.07 | |
| Tecnica | -0.30 | -0.29 | -0.34 | -0.37 | -0.36 | |
| Profesional | -0.22 | -0.22 | -0.28 | -0.37 | -0.36 | |
| Posgrado | -0.37 | -0.36 | -0.38 | -0.61+ | -0.53 | |
| Ninguno | 1.78*** | 1.37*** | 1.43*** | 1.74*** | 1.07** | |
| Estado de salud | 0.28*** | 0.27*** | 0.28*** | 0.26*** | 0.26*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.30* | | | -0.26* | |
| Lugares baldios en su barrio | 0.10 | | | | 0.11 | |
| Presencia de policia en su barrio | 0.06 | | | | 0.06 | |
| Siente que su barrio es seguro | -0.06 | | | | -0.12 | |
| Siente que su barrio es seguro | 0.00 | | | | | |
| Percepcion de seguridad | 0.27* | | | | 0.32** | |
| Comuna=1 | | 0.00 | | | 0.00 | |
| Comuna=2 | | -0.20 | | | -0.46 | |
| Comuna=3 | | -0.04 | | | -0.16 | |
| Comuna=4 | | 0.06 | | | -0.11 | |
| Comuna=5 | | -0.29 | | | -0.45 | |
| Comuna=6 | | -0.07 | | | -0.17 | |
| Comuna=7 | | -0.63 | | | -0.80+ | |
| Comuna=8 | | -0.45 | | | -0.47 | |
| Comuna=9 | | -0.05 | | | -0.25 | |
| Comuna=10 | | -0.11 | | | -0.32 | |
| Comuna=11 | | -0.13 | | | -0.28 | |
| Comuna=12 | | -0.28 | | | -0.46 | |
| Comuna=13 | | -0.52+ | | | -0.57+ | |
| Comuna=14 | | -0.55+ | | | -0.58+ | |
| Comuna=15 | | -0.53 | | | -0.61 | |
| Comuna=16 | | 0.22 | | | 0.07 | |
| Comuna=17 | | -0.06 | | | -0.41 | |
| Comuna=18 | | -0.08 | | | -0.14 | |
| Comuna=19 | | -0.27 | | | -0.59 | |
| Comuna=20 | | -0.02 | | | -0.10 | |
| Comuna=21 | | 0.07 | | | -0.04 | |
| Comuna=22 | | 0.24 | | | -0.18 | |
| Comuna=23 | | -0.51 | | | -0.75 | |
| Estrato Socioeconomico=1 | | | 0.00 | 0.00 | | |
| Estrato Socioeconomico=2 | | | 0.10 | 0.10 | | |
| Estrato Socioeconomico=3 | | | 0.12 | 0.17 | | |
| Estrato Socioeconomico=4 | | | 0.20 | 0.30 | | |
| Estrato Socioeconomico=5 | | | 0.63** | 0.78* | | |
| Estrato Socioeconomico=6 | | | 0.81* | 0.91* | | |
| Siente que su barrio es seguro | | | 0.00 | 0.00 | | |
| constant | 8.42*** | 7.88*** | 7.84*** | 8.15*** | 7.91*** | 8.20*** |
| N | 1184 | 1129 | 1114 | 1123 | 1125 | 1104 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 10: OLS regressions of satisfaccionvida.

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| 5 quantiles of restaurante tiempo=1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 quantiles of restaurante tiempo=2 | -0.05 | -0.06 | -0.05 | -0.08 | -0.03 | -0.04 |
| 5 quantiles of restaurante tiempo=4 | 0.07 | 0.06 | 0.05 | 0.07 | 0.07 | 0.07 |
| 5 quantiles of restaurante tiempo=5 | -0.05 | -0.14 | -0.10 | -0.14 | -0.13 | -0.09 |
| Edad | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 |
| edad2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECODE of sexo (Sexo) | 0.16 | 0.18 | 0.16 | 0.13 | 0.18 | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.27+ | 0.28+ | 0.24+ | 0.27+ | 0.26+ | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.38+ | 0.41+ | 0.36+ | 0.35 | 0.36 | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.67* | 0.71* | 0.66* | 0.55* | 0.58* | |
| Mas de 8 SMMLV | 0.66+ | 0.62 | 0.68+ | 0.39 | 0.35 | |
| No tiene ingresos | -0.07 | -0.05 | -0.10 | -0.10 | -0.11 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | 0.09 | 0.12 | 0.07 | 0.12 | 0.13 | |
| Indígena | 0.19 | 0.15 | 0.15 | 0.20 | 0.10 | |
| Negro/afro | -0.00 | -0.00 | 0.01 | 0.03 | 0.03 | |
| Otro | 0.23 | 0.17 | 0.26 | 0.29 | 0.26 | |
| Ninguno | 0.64* | 0.62* | 0.60* | 0.67* | 0.63* | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union libre | 0.10 | 0.09 | 0.09 | 0.11 | 0.11 | |
| Separado/divorciado | -0.68** | -0.69** | -0.73** | -0.67** | -0.74** | |
| Soltero(a) | -0.36* | -0.37* | -0.36* | -0.35* | -0.36* | |
| Viudo(a) | 0.01 | 0.02 | -0.05 | 0.05 | 0.02 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | -0.06 | -0.05 | -0.06 | -0.09 | -0.05 | |
| Tecnica | -0.23 | -0.20 | -0.23 | -0.28 | -0.23 | |
| Profesional | -0.25 | -0.23 | -0.26 | -0.37 | -0.32 | |
| Posgrado | -0.35 | -0.34 | -0.31 | -0.56+ | -0.47 | |
| Estado de salud | 0.28*** | 0.27*** | 0.29*** | 0.27*** | 0.26*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.22+ | | | -0.21+ | |
| Lugares baldios en su barrio | 0.04 | | | | 0.05 | |
| Presencia de policía en su barrio | 0.11 | | | | 0.10 | |
| Siente que su barrio es seguro | -0.06 | | | | -0.10 | |
| Siente que su barrio es seguro | 0.00 | | | | | |
| Percepcion de seguridad | 0.25* | | | | 0.29** | |
| Comuna=1 | | 0.00 | | | 0.00 | |
| Comuna=2 | | -0.28 | | | -0.50 | |
| Comuna=3 | | -0.04 | | | -0.14 | |
| Comuna=4 | | 0.01 | | | -0.16 | |
| Comuna=5 | | -0.30 | | | -0.43 | |
| Comuna=6 | | -0.05 | | | -0.16 | |
| Comuna=7 | | -0.29 | | | -0.47 | |
| Comuna=8 | | -0.53 | | | -0.55 | |
| Comuna=9 | | -0.04 | | | -0.21 | |
| Comuna=10 | | -0.12 | | | -0.32 | |
| Comuna=11 | | -0.12 | | | -0.26 | |
| Comuna=12 | | -0.25 | | | -0.41 | |
| Comuna=13 | | -0.39 | | | -0.44 | |
| Comuna=14 | | -0.31 | | | -0.32 | |
| Comuna=15 | | -0.55 | | | -0.64 | |
| Comuna=16 | | 0.15 | | | 0.01 | |
| Comuna=17 | | -0.09 | | | -0.42 | |
| Comuna=18 | | -0.18 | | | -0.17 | |
| Comuna=19 | | -0.32 | | | -0.62 | |
| Comuna=20 | | -0.01 | | | -0.07 | |
| Comuna=21 | | -0.01 | | | -0.10 | |
| Comuna=22 | | 0.24 | | | -0.14 | |
| Comuna=23 | | -0.24 | | | -0.43 | |
| Estrato Socioeconomico=1 | | | 0.00 | | 0.00 | |
| Estrato Socioeconomico=2 | | | 0.14 | | 0.16 | |
| Estrato Socioeconomico=3 | | | 0.08 | | 0.16 | |
| Estrato Socioeconomico=4 | | | 0.17 | | 0.33 | |
| Estrato Socioeconomico=5 | | | 0.58** | | 0.80** | |
| Estrato Socioeconomico=6 | | | 0.41 | | 0.57 | |
| Siente que su barrio es seguro | | | 0.00 | | | |
| constant | 8.58*** | 7.99*** | 7.94*** | 8.26*** | 8.01*** | 8.26*** |
| N | 1223 | 1168 | 1152 | 1162 | 1165 | 1143 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 11: OLS regressions of satisfaccionvida.

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| 5 quantiles of medicotiempo=1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 quantiles of medicotiempo=2 | 0.02 | 0.05 | 0.08 | 0.03 | 0.06 | 0.08 |
| 5 quantiles of medicotiempo=3 | -0.17 | -0.12 | -0.09 | -0.12 | -0.13 | -0.08 |
| 5 quantiles of medicotiempo=4 | -0.09 | -0.14 | -0.08 | -0.14 | -0.16 | -0.08 |
| 5 quantiles of medicotiempo=5 | -0.17 | -0.14 | -0.11 | -0.14 | -0.15 | -0.12 |
| Edad | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 |
| edad2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECODE of sexo (Sexo) | 0.19+ | 0.21+ | 0.20+ | 0.16 | 0.20+ | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.30* | 0.31* | 0.27+ | 0.30* | 0.30* | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.36+ | 0.37+ | 0.35 | 0.33 | 0.34 | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.58* | 0.63* | 0.58* | 0.45 | 0.51+ | |
| Mas de 8 SMMLV | 0.65+ | 0.60 | 0.63 | 0.35 | 0.31 | |
| No tiene ingresos | -0.12 | -0.10 | -0.15 | -0.16 | -0.16 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | 0.02 | 0.05 | -0.01 | 0.05 | 0.05 | |
| Indigena | 0.15 | 0.11 | 0.10 | 0.14 | 0.05 | |
| Negro/afro | -0.11 | -0.10 | -0.11 | -0.09 | -0.09 | |
| Otro | 0.42 | 0.40 | 0.38 | 0.51 | 0.43 | |
| Ninguno | 0.71** | 0.68* | 0.70* | 0.73** | 0.71* | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union ibre | 0.08 | 0.07 | 0.07 | 0.09 | 0.08 | |
| Separado/divorciado | -0.59* | -0.63** | -0.62** | -0.58* | -0.67** | |
| Soltero(a) | -0.34* | -0.36* | -0.34* | -0.33* | -0.35* | |
| Viudo(a) | 0.12 | 0.12 | 0.09 | 0.16 | 0.14 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | 0.02 | 0.02 | 0.02 | -0.01 | 0.02 | |
| Tecnica | -0.18 | -0.16 | -0.19 | -0.23 | -0.20 | |
| Profesional | -0.12 | -0.12 | -0.14 | -0.24 | -0.22 | |
| Posgrado | -0.24 | -0.23 | -0.24 | -0.44 | -0.36 | |
| Ninguno | 1.81*** | 1.46*** | 1.50*** | 1.75*** | 1.18** | |
| Estado de salud | 0.24*** | 0.23*** | 0.24*** | 0.22*** | 0.22*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.28* | | | -0.26* | |
| Lugares baldios en su barrio | | 0.10 | | | 0.12 | |
| Presencia de policia en su barrio | | 0.04 | | | 0.03 | |
| Siente que su barrio es seguro | | -0.08 | | | -0.12 | |
| Siente que su barrio es seguro | | 0.00 | | | | |
| Percepcion de seguridad | | 0.20+ | | | 0.25* | |
| Comuna=1 | | | 0.00 | | 0.00 | |
| Comuna=2 | | | -0.33 | | -0.56+ | |
| Comuna=3 | | | -0.21 | | -0.31 | |
| Comuna=4 | | | -0.24 | | -0.40 | |
| Comuna=5 | | | -0.26 | | -0.38 | |
| Comuna=6 | | | -0.10 | | -0.18 | |
| Comuna=7 | | | -0.61 | | -0.77* | |
| Comuna=8 | | | -0.57 | | -0.54 | |
| Comuna=9 | | | -0.21 | | -0.37 | |
| Comuna=10 | | | -0.20 | | -0.34 | |
| Comuna=11 | | | -0.30 | | -0.40 | |
| Comuna=12 | | | -0.31 | | -0.46 | |
| Comuna=13 | | | -0.53+ | | -0.55+ | |
| Comuna=14 | | | -0.36 | | -0.37 | |
| Comuna=15 | | | -0.69 | | -0.76 | |
| Comuna=16 | | | -0.02 | | -0.13 | |
| Comuna=17 | | | -0.17 | | -0.48 | |
| Comuna=18 | | | -0.23 | | -0.28 | |
| Comuna=19 | | | -0.42 | | -0.70+ | |
| Comuna=20 | | | -0.18 | | -0.24 | |
| Comuna=21 | | | 0.01 | | -0.07 | |
| Comuna=22 | | | 0.13 | | -0.23 | |
| Comuna=23 | | | -0.70 | | -0.90+ | |
| Estrato Socioeconomico=1 | | | | 0.00 | 0.00 | |
| Estrato Socioeconomico=2 | | | | 0.09 | 0.13 | |
| Estrato Socioeconomico=3 | | | | 0.03 | 0.14 | |
| Estrato Socioeconomico=4 | | | | 0.12 | 0.27 | |
| Estrato Socioeconomico=5 | | | | 0.56* | 0.76* | |
| Estrato Socioeconomico=6 | | | | 0.46 | 0.57 | |
| Siente que su barrio es seguro | | | | | 0.00 | |
| constant | 8.63*** | 8.12*** | 8.15*** | 8.49*** | 8.20*** | 8.58*** |
| N | 1165 | 1114 | 1098 | 1107 | 1110 | 1087 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 12: OLS regressions of satisfaccionvida.

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| 5 quantiles of bibliotecatiempo=1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 quantiles of bibliotecatiempo=2 | -0.56** | -0.48* | -0.48* | -0.45* | -0.47* | -0.43* |
| 5 quantiles of bibliotecatiempo=3 | -0.31 | -0.27 | -0.25 | -0.25 | -0.29 | -0.26 |
| 5 quantiles of bibliotecatiempo=4 | -0.34* | -0.39* | -0.36* | -0.38* | -0.41* | -0.38* |
| 5 quantiles of bibliotecatiempo=5 | -0.35+ | -0.35+ | -0.31 | -0.34+ | -0.36+ | -0.31 |
| Edad | -0.04* | -0.04* | -0.04* | -0.04* | -0.04* | -0.04* |
| edad2 | 0.00* | 0.00+ | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| RECODE of sexo (Sexo) | -0.00 | 0.01 | 0.01 | -0.00 | 0.01 | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.13 | 0.11 | 0.11 | 0.14 | 0.13 | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.34 | 0.32 | 0.31 | 0.36 | 0.34 | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.37 | 0.33 | 0.40 | 0.22 | 0.19 | |
| Mas de 8 SMMLV | -0.23 | -0.34 | -0.23 | -0.60 | -0.73 | |
| No tiene ingresos | 0.09 | 0.09 | 0.11 | 0.08 | 0.09 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | -0.07 | -0.06 | -0.10 | -0.08 | -0.12 | |
| Indigena | -0.36 | -0.36 | -0.40 | -0.36 | -0.42 | |
| Negro/afro | -0.24 | -0.27 | -0.21 | -0.25 | -0.24 | |
| Otro | -0.51 | -0.67 | -0.59 | -0.48 | -0.73 | |
| Ninguno | 0.33 | 0.21 | 0.24 | 0.32 | 0.09 | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union ibre | 0.18 | 0.17 | 0.20 | 0.21 | 0.22 | |
| Separado/divorciado | -0.55* | -0.59* | -0.60* | -0.52+ | -0.58* | |
| Soltero(a) | -0.49** | -0.50** | -0.48* | -0.48* | -0.47* | |
| Viudo(a) | 0.22 | 0.25 | 0.23 | 0.19 | 0.21 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | 0.31 | 0.35 | 0.33 | 0.33 | 0.41 | |
| Tecnica | 0.06 | 0.12 | 0.08 | 0.08 | 0.20 | |
| Profesional | 0.08 | 0.14 | 0.09 | 0.08 | 0.20 | |
| Posgrado | 0.15 | 0.20 | 0.21 | 0.11 | 0.28 | |
| Ninguno | 1.57*** | 1.43*** | 1.61** | 1.51*** | 1.51** | |
| Estado de salud | 0.22*** | 0.21** | 0.20** | 0.22*** | 0.20** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.13 | | | -0.14 | |
| Lugares baldios en su barrio | -0.04 | | | | -0.06 | |
| Presencia de policia en su barrio | 0.08 | | | | 0.04 | |
| Siente que su barrio es seguro | -0.09 | | | | -0.10 | |
| Siente que su barrio es seguro | 0.00 | | | | | |
| Percepcion de seguridad | 0.24+ | | | | 0.24+ | |
| Comuna=1 | | 0.00 | | | 0.00 | |
| Comuna=2 | | -0.46 | | | -0.44 | |
| Comuna=3 | | -0.32 | | | -0.22 | |
| Comuna=4 | | -0.34 | | | -0.24 | |
| Comuna=5 | | -0.43 | | | -0.27 | |
| Comuna=6 | | -0.24 | | | -0.10 | |
| Comuna=7 | | -0.68 | | | -0.55 | |
| Comuna=8 | | -0.33 | | | -0.23 | |
| Comuna=9 | | -0.34 | | | -0.19 | |
| Comuna=10 | | -0.39 | | | -0.15 | |
| Comuna=11 | | -0.49 | | | -0.32 | |
| Comuna=12 | | -0.79 | | | -0.75 | |
| Comuna=13 | | -0.89* | | | -0.78+ | |
| Comuna=14 | | -0.54+ | | | -0.47 | |
| Comuna=15 | | -0.84 | | | -0.71 | |
| Comuna=16 | | -0.11 | | | 0.05 | |
| Comuna=17 | | -0.45 | | | -0.45 | |
| Comuna=18 | | -0.47 | | | -0.25 | |
| Comuna=19 | | -0.39 | | | -0.29 | |
| Comuna=20 | | -0.54 | | | -0.46 | |
| Comuna=21 | | -0.55 | | | -0.53 | |
| Comuna=22 | | -0.51 | | | -0.54 | |
| Comuna=23 | | -1.27 | | | -1.15 | |
| Estrato Socioeconomico=1 | | | 0.00 | | 0.00 | |
| Estrato Socioeconomico=2 | | | -0.08 | | -0.16 | |
| Estrato Socioeconomico=3 | | | -0.07 | | -0.18 | |
| Estrato Socioeconomico=4 | | | -0.29 | | -0.39 | |
| Estrato Socioeconomico=5 | | | 0.47+ | | 0.50 | |
| Estrato Socioeconomico=6 | | | 0.37 | | 0.38 | |
| Siente que su barrio es seguro | | | | | 0.00 | |
| constant | 8.86*** | 8.95*** | 8.93*** | 9.46*** | 9.00*** | 9.42*** |
| N | 676 | 647 | 642 | 643 | 647 | 638 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 13: OLS regressions of satisfaccionvida.

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| 5 quantiles of miotempo=1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 quantiles of miotempo=2 | -0.09 | -0.13 | -0.16 | -0.14 | -0.11 | -0.14 |
| 5 quantiles of miotempo=3 | 0.17 | 0.12 | 0.09 | 0.13 | 0.13 | 0.12 |
| 5 quantiles of miotempo=4 | -0.09 | -0.07 | -0.08 | -0.06 | -0.07 | -0.07 |
| 5 quantiles of miotempo=5 | 0.25 | 0.25 | 0.26 | 0.27 | 0.29+ | 0.34+ |
| Edad | -0.02 | -0.01 | -0.02 | -0.02 | -0.02 | -0.02 |
| edad2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECODE of sexo (Sexo) | 0.19+ | 0.22+ | 0.22+ | 0.17 | 0.22+ | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.37* | 0.37* | 0.33* | 0.37* | 0.33* | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.45* | 0.46* | 0.42+ | 0.41+ | 0.41+ | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.81** | 0.86** | 0.78** | 0.67* | 0.69* | |
| Mas de 8 SMMLV | 0.72+ | 0.65 | 0.70+ | 0.45 | 0.34 | |
| No tiene ingresos | 0.01 | 0.03 | -0.01 | -0.03 | -0.03 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | 0.01 | 0.04 | -0.02 | 0.04 | 0.04 | |
| Indigena | 0.10 | 0.07 | 0.04 | 0.11 | -0.02 | |
| Negro/afro | -0.12 | -0.12 | -0.11 | -0.10 | -0.10 | |
| Otro | 0.04 | -0.02 | 0.04 | 0.09 | 0.06 | |
| Ninguno | 0.47 | 0.51+ | 0.42 | 0.51+ | 0.50 | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union ibre | 0.04 | 0.03 | 0.04 | 0.06 | 0.06 | |
| Separado/divorciado | -0.61* | -0.67** | -0.64* | -0.60* | -0.70** | |
| Soltero(a) | -0.37* | -0.38* | -0.38* | -0.36* | -0.38* | |
| Viudo(a) | 0.00 | 0.02 | -0.09 | 0.08 | 0.01 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | -0.08 | -0.08 | -0.09 | -0.13 | -0.08 | |
| Tecnica | -0.35 | -0.33 | -0.35 | -0.44+ | -0.37 | |
| Profesional | -0.27 | -0.25 | -0.25 | -0.42+ | -0.33 | |
| Posgrado | -0.40 | -0.39 | -0.33 | -0.65* | -0.50 | |
| Ninguno | 1.72*** | 1.33*** | 1.46*** | 1.68*** | 1.11** | |
| Estado de salud | 0.29*** | 0.28*** | 0.29*** | 0.27*** | 0.27*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.23+ | | | -0.22+ | |
| Lugares baldios en su barrio | 0.05 | | | | 0.07 | |
| Presencia de policia en su barrio | 0.13 | | | | 0.11 | |
| Siente que su barrio es seguro | -0.03 | | | | -0.09 | |
| Siente que su barrio es seguro | 0.00 | | | | | |
| Percepcion de seguridad | 0.25* | | | | 0.29** | |
| Comuna=1 | | 0.00 | | | 0.00 | |
| Comuna=2 | | -0.21 | | | -0.39 | |
| Comuna=3 | | 0.08 | | | 0.05 | |
| Comuna=4 | | 0.18 | | | 0.09 | |
| Comuna=5 | | -0.27 | | | -0.34 | |
| Comuna=6 | | 0.09 | | | 0.04 | |
| Comuna=7 | | -0.39 | | | -0.54 | |
| Comuna=8 | | -0.34 | | | -0.30 | |
| Comuna=9 | | 0.08 | | | -0.04 | |
| Comuna=10 | | 0.01 | | | -0.14 | |
| Comuna=11 | | 0.06 | | | -0.03 | |
| Comuna=12 | | -0.16 | | | -0.28 | |
| Comuna=13 | | -0.34 | | | -0.32 | |
| Comuna=14 | | -0.27 | | | -0.20 | |
| Comuna=15 | | -0.54 | | | -0.57 | |
| Comuna=16 | | 0.24 | | | 0.12 | |
| Comuna=17 | | -0.06 | | | -0.34 | |
| Comuna=18 | | -0.04 | | | 0.04 | |
| Comuna=19 | | -0.28 | | | -0.50 | |
| Comuna=20 | | 0.04 | | | 0.07 | |
| Comuna=21 | | 0.11 | | | 0.08 | |
| Comuna=22 | | 0.32 | | | -0.03 | |
| Comuna=23 | | -0.79 | | | -0.88 | |
| Estrato Socioeconomico=1 | | | 0.00 | 0.00 | | |
| Estrato Socioeconomico=2 | | | 0.20 | 0.21 | | |
| Estrato Socioeconomico=3 | | | 0.16 | 0.20 | | |
| Estrato Socioeconomico=4 | | | 0.19 | 0.33 | | |
| Estrato Socioeconomico=5 | | | 0.68** | 0.90** | | |
| Estrato Socioeconomico=6 | | | 0.56 | 0.63 | | |
| Siente que su barrio es seguro | | | | 0.00 | | |
| constant | 8.50*** | 7.88*** | 7.86*** | 8.07*** | 7.88*** | 8.04*** |
| N | 1166 | 1116 | 1103 | 1109 | 1112 | 1092 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 14: OLS regressions of satisfaccionvida.

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| 5 quantiles of iglesiatempo=1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 quantiles of iglesiatempo=2 | -0.07 | -0.08 | -0.08 | -0.08 | -0.08 | -0.09 |
| 5 quantiles of iglesiatempo=3 | -0.30 | -0.25 | -0.27 | -0.26 | -0.27 | -0.31 |
| 5 quantiles of iglesiatempo=4 | 0.11 | 0.07 | 0.05 | 0.08 | 0.04 | 0.00 |
| 5 quantiles of iglesiatempo=5 | 0.04 | 0.04 | 0.05 | 0.05 | 0.04 | 0.05 |
| Edad | -0.02 | -0.02 | -0.03 | -0.02 | -0.02 | -0.02 |
| edad2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECODE of sexo (Sexo) | 0.18 | 0.22+ | 0.19+ | 0.15 | 0.21+ | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.33* | 0.34* | 0.29+ | 0.32* | 0.30* | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.43* | 0.45* | 0.40+ | 0.38+ | 0.38 | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.83** | 0.86** | 0.81** | 0.67* | 0.68* | |
| Mas de 8 SMMLV | 0.74+ | 0.71+ | 0.74+ | 0.43 | 0.35 | |
| No tiene ingresos | -0.07 | -0.05 | -0.10 | -0.11 | -0.12 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | 0.04 | 0.07 | 0.01 | 0.07 | 0.07 | |
| Indigena | 0.09 | 0.05 | 0.05 | 0.10 | -0.02 | |
| Negro/afro | -0.08 | -0.08 | -0.08 | -0.04 | -0.05 | |
| Otro | 0.07 | 0.01 | 0.06 | 0.12 | 0.07 | |
| Ninguno | 0.61* | 0.57* | 0.55+ | 0.63* | 0.58+ | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union ibre | 0.13 | 0.12 | 0.13 | 0.16 | 0.16 | |
| Separado/divorciado | -0.58* | -0.59* | -0.64* | -0.56* | -0.63* | |
| Soltero(a) | -0.32* | -0.33* | -0.33* | -0.30+ | -0.32* | |
| Viudo(a) | 0.14 | 0.14 | 0.10 | 0.19 | 0.19 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | -0.00 | 0.01 | -0.03 | -0.05 | -0.02 | |
| Tecnica | -0.18 | -0.15 | -0.21 | -0.25 | -0.21 | |
| Profesional | -0.16 | -0.14 | -0.19 | -0.31 | -0.27 | |
| Posgrado | -0.26 | -0.25 | -0.25 | -0.54+ | -0.44 | |
| Ninguno | 1.89*** | 1.58*** | 1.70*** | 1.86*** | 1.39*** | |
| Estado de salud | 0.27*** | 0.26*** | 0.27*** | 0.25*** | 0.24*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.18 | | | -0.16 | |
| Lugares baldios en su barrio | | 0.05 | | | 0.07 | |
| Presencia de policia en su barrio | | 0.07 | | | 0.07 | |
| Siente que su barrio es seguro | | -0.00 | | | -0.06 | |
| Siente que su barrio es seguro | | 0.00 | | | | |
| Percepcion de seguridad | | 0.27* | | | 0.31** | |
| Comuna=1 | | | 0.00 | | 0.00 | |
| Comuna=2 | | | -0.30 | | -0.55+ | |
| Comuna=3 | | | -0.13 | | -0.26 | |
| Comuna=4 | | | -0.05 | | -0.26 | |
| Comuna=5 | | | -0.28 | | -0.46 | |
| Comuna=6 | | | -0.12 | | -0.25 | |
| Comuna=7 | | | -0.56 | | -0.76+ | |
| Comuna=8 | | | -0.43 | | -0.47 | |
| Comuna=9 | | | -0.02 | | -0.25 | |
| Comuna=10 | | | -0.10 | | -0.33 | |
| Comuna=11 | | | -0.14 | | -0.32 | |
| Comuna=12 | | | -0.32 | | -0.51 | |
| Comuna=13 | | | -0.52+ | | -0.57+ | |
| Comuna=14 | | | -0.38 | | -0.38 | |
| Comuna=15 | | | -0.60 | | -0.70 | |
| Comuna=16 | | | 0.11 | | -0.03 | |
| Comuna=17 | | | -0.14 | | -0.52 | |
| Comuna=18 | | | -0.22 | | -0.22 | |
| Comuna=19 | | | -0.35 | | -0.70+ | |
| Comuna=20 | | | -0.08 | | -0.10 | |
| Comuna=21 | | | -0.09 | | -0.16 | |
| Comuna=22 | | | 0.12 | | -0.28 | |
| Comuna=23 | | | -0.28 | | -0.47 | |
| Estrato Socioeconomico=1 | | | | 0.00 | 0.00 | |
| Estrato Socioeconomico=2 | | | | 0.15 | 0.18 | |
| Estrato Socioeconomico=3 | | | | 0.16 | 0.24 | |
| Estrato Socioeconomico=4 | | | | 0.22 | 0.38 | |
| Estrato Socioeconomico=5 | | | | 0.75*** | 1.00** | |
| Estrato Socioeconomico=6 | | | | 0.36 | 0.55 | |
| Siente que su barrio es seguro | | | | | 0.00 | |
| constant | 8.57*** | 7.98*** | 7.88*** | 8.32*** | 8.00*** | 8.28*** |
| N | 1183 | 1129 | 1113 | 1122 | 1126 | 1103 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 15: OLS regressions of satisfaccionvida.

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| 5 quantiles of CALtiempo=1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 quantiles of CALtiempo=2 | 0.01 | 0.02 | 0.00 | -0.03 | 0.04 | -0.03 |
| 5 quantiles of CALtiempo=4 | 0.03 | 0.04 | 0.03 | 0.03 | 0.01 | -0.01 |
| 5 quantiles of CALtiempo=5 | -0.28 | -0.26 | -0.29 | -0.22 | -0.28 | -0.28 |
| Edad | -0.02 | -0.01 | -0.02 | -0.02 | -0.02 | -0.01 |
| edad2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECODE of sexo (Sexo) | 0.30* | 0.32* | 0.28* | 0.27* | 0.27+ | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.27 | 0.27 | 0.28 | 0.30 | 0.32+ | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.43 | 0.44 | 0.43 | 0.45+ | 0.45 | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.75** | 0.78** | 0.73** | 0.68* | 0.66* | |
| Mas de 8 SMMLV | 0.29 | 0.24 | 0.32 | 0.24 | 0.20 | |
| No tiene ingresos | -0.10 | -0.09 | -0.06 | -0.13 | -0.06 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | 0.06 | 0.08 | 0.08 | 0.11 | 0.14 | |
| Indígena | 0.05 | 0.03 | -0.01 | 0.06 | -0.02 | |
| Negro/afro | -0.04 | -0.04 | 0.05 | -0.02 | 0.05 | |
| Otro | -0.06 | -0.12 | -0.04 | -0.07 | -0.12 | |
| Ninguno | 0.61 | 0.48 | 0.57 | 0.63 | 0.53 | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union íbre | 0.07 | 0.07 | 0.05 | 0.08 | 0.06 | |
| Separado/divorciado | -0.66* | -0.63* | -0.78* | -0.67* | -0.72* | |
| Soltero(a) | -0.33+ | -0.35+ | -0.35+ | -0.30+ | -0.34+ | |
| Viudo(a) | 0.58+ | 0.64* | 0.29 | 0.63* | 0.44 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | -0.20 | -0.22 | -0.23 | -0.21 | -0.25 | |
| Tecnica | -0.36 | -0.37 | -0.39 | -0.41 | -0.43 | |
| Profesional | -0.34 | -0.34 | -0.37 | -0.41 | -0.43 | |
| Posgrado | -0.38 | -0.35 | -0.26 | -0.45 | -0.34 | |
| Ninguno | 1.74*** | 1.34*** | 1.42*** | 1.71*** | 1.12* | |
| Estado de salud | 0.25*** | 0.23*** | 0.25*** | 0.23*** | 0.21** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.31* | | | -0.31+ | |
| Lugares baldíos en su barrio | | 0.17 | | | 0.14 | |
| Presencia de policía en su barrio | | 0.08 | | | 0.05 | |
| Siente que su barrio es seguro | | -0.18 | | | -0.26 | |
| Siente que su barrio es seguro | | 0.00 | | | | |
| Percepcion de seguridad | | 0.18 | | | 0.24+ | |
| Comuna=1 | | | 0.00 | | 0.00 | |
| Comuna=2 | | | -0.46 | | -0.53 | |
| Comuna=3 | | | -0.14 | | -0.21 | |
| Comuna=4 | | | -0.39 | | -0.51 | |
| Comuna=5 | | | -0.53 | | -0.54 | |
| Comuna=6 | | | -0.18 | | -0.24 | |
| Comuna=7 | | | -0.27 | | -0.43 | |
| Comuna=8 | | | -0.77+ | | -0.58 | |
| Comuna=9 | | | 0.22 | | 0.20 | |
| Comuna=10 | | | 0.01 | | -0.04 | |
| Comuna=11 | | | -0.28 | | -0.33 | |
| Comuna=12 | | | -0.84 | | -0.98 | |
| Comuna=13 | | | -0.74* | | -0.75* | |
| Comuna=14 | | | -0.77* | | -0.83* | |
| Comuna=15 | | | -0.62 | | -0.68 | |
| Comuna=16 | | | 0.03 | | -0.09 | |
| Comuna=17 | | | -0.59 | | -0.75+ | |
| Comuna=18 | | | -0.35 | | -0.31 | |
| Comuna=19 | | | -0.35 | | -0.48 | |
| Comuna=20 | | | -0.16 | | -0.30 | |
| Comuna=21 | | | -0.14 | | -0.27 | |
| Comuna=22 | | | 0.13 | | -0.12 | |
| Comuna=23 | | | -0.64 | | -0.79 | |
| Estrato Socioeconomico=1 | | | | 0.00 | 0.00 | |
| Estrato Socioeconomico=2 | | | | 0.05 | 0.07 | |
| Estrato Socioeconomico=3 | | | | 0.04 | 0.04 | |
| Estrato Socioeconomico=4 | | | | -0.09 | -0.08 | |
| Estrato Socioeconomico=5 | | | | 0.26 | 0.49 | |
| Estrato Socioeconomico=6 | | | | 0.67 | 0.71 | |
| Siente que su barrio es seguro | | | | | 0.00 | |
| constant | 8.59*** | 8.03*** | 8.16*** | 8.45*** | 8.10*** | 8.72*** |
| N | 786 | 749 | 742 | 746 | 747 | 737 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 16: OLS regressions of satisfaccionvida.

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| 5 quantiles of CAAltimo=1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 quantiles of CAAltimo=2 | -0.09 | -0.06 | -0.04 | -0.07 | -0.07 | -0.06 |
| 5 quantiles of CAAltimo=3 | 0.07 | 0.28 | 0.22 | 0.21 | 0.35 | 0.19 |
| 5 quantiles of CAAltimo=4 | -0.03 | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 |
| 5 quantiles of CAAltimo=5 | -0.01 | -0.07 | -0.01 | 0.00 | -0.07 | 0.04 |
| Edad | -0.04* | -0.04* | -0.04* | -0.05* | -0.04* | |
| edad2 | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* | 0.00* |
| RECODE of sexo (Sexo) | 0.15 | 0.19 | 0.16 | 0.12 | 0.19 | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.21 | 0.23 | 0.20 | 0.21 | 0.22 | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.39+ | 0.40+ | 0.38 | 0.38 | 0.39 | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.80** | 0.88** | 0.79** | 0.65* | 0.71* | |
| Mas de 8 SMMLV | 0.43 | 0.31 | 0.38 | 0.19 | -0.00 | |
| No tiene ingresos | -0.17 | -0.14 | -0.17 | -0.22 | -0.18 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | 0.03 | 0.07 | 0.01 | 0.07 | 0.07 | |
| Indigena | 0.32 | 0.26 | 0.25 | 0.32 | 0.19 | |
| Negro/afro | -0.07 | -0.06 | -0.06 | -0.04 | -0.04 | |
| Otro | 0.16 | 0.11 | 0.18 | 0.17 | 0.13 | |
| Ninguno | 0.81** | 0.80** | 0.82** | 0.85** | 0.86** | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union ibre | 0.05 | 0.03 | 0.05 | 0.08 | 0.06 | |
| Separado/divorciado | -0.64* | -0.64* | -0.69* | -0.65* | -0.71* | |
| Soltero(a) | -0.38* | -0.40* | -0.39* | -0.37* | -0.40* | |
| Viudo(a) | 0.47 | 0.54+ | 0.37 | 0.50 | 0.52 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | -0.08 | -0.07 | -0.09 | -0.13 | -0.09 | |
| Tecnica | -0.35 | -0.32 | -0.38 | -0.44+ | -0.40 | |
| Profesional | -0.30 | -0.29 | -0.31 | -0.45+ | -0.41 | |
| Posgrado | -0.60 | -0.56 | -0.58 | -0.88* | -0.76+ | |
| Ninguno | 1.75*** | 1.42*** | 1.47*** | 1.72*** | 1.16** | |
| Estado de salud | 0.27*** | 0.25*** | 0.27*** | 0.25*** | 0.24*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.20 | | | -0.17 | |
| Lugares baldios en su barrio | 0.14 | | | | 0.16 | |
| Presencia de policia en su barrio | 0.11 | | | | 0.10 | |
| Siente que su barrio es seguro | -0.03 | | | | -0.09 | |
| Siente que su barrio es seguro | 0.00 | | | | | |
| Percepcion de seguridad | 0.22+ | | | | 0.29* | |
| Comuna=1 | | 0.00 | | | 0.00 | |
| Comuna=2 | | -0.24 | | | -0.48 | |
| Comuna=3 | | -0.21 | | | -0.33 | |
| Comuna=4 | | -0.11 | | | -0.33 | |
| Comuna=5 | | -0.49 | | | -0.68+ | |
| Comuna=6 | | -0.07 | | | -0.19 | |
| Comuna=7 | | -0.61 | | | -0.86* | |
| Comuna=8 | | -0.46 | | | -0.44 | |
| Comuna=9 | | 0.05 | | | -0.20 | |
| Comuna=10 | | 0.02 | | | -0.20 | |
| Comuna=11 | | -0.25 | | | -0.44 | |
| Comuna=12 | | -0.30 | | | -0.51 | |
| Comuna=13 | | -0.41 | | | -0.45 | |
| Comuna=14 | | -0.34 | | | -0.33 | |
| Comuna=15 | | -0.44 | | | -0.58 | |
| Comuna=16 | | 0.03 | | | -0.09 | |
| Comuna=17 | | -0.20 | | | -0.47 | |
| Comuna=18 | | -0.13 | | | -0.14 | |
| Comuna=19 | | -0.16 | | | -0.43 | |
| Comuna=20 | | -0.17 | | | -0.23 | |
| Comuna=21 | | 0.05 | | | -0.02 | |
| Comuna=22 | | 0.19 | | | -0.17 | |
| Comuna=23 | | -0.80 | | | -0.93+ | |
| Estrato Socioeconomico=1 | | | 0.00 | 0.00 | | |
| Estrato Socioeconomico=2 | | | 0.14 | 0.16 | | |
| Estrato Socioeconomico=3 | | | 0.21 | 0.33+ | | |
| Estrato Socioeconomico=4 | | | 0.07 | 0.18 | | |
| Estrato Socioeconomico=5 | | | 0.70** | 0.89** | | |
| Estrato Socioeconomico=6 | | | 0.45 | 0.50 | | |
| Siente que su barrio es seguro | | | | 0.00 | | |
| constant | 8.59*** | 8.67*** | 8.56*** | 8.88*** | 8.71*** | 8.81*** |
| N | 1053 | 1008 | 993 | 1002 | 1005 | 984 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 17: OLS regressions of satisfaccionvida.

| | a1 | a2 | a3 | a4 | a5 | a6 |
|---|---------|---------|---------|---------|---------|---------|
| 5 quantiles of IETiempo=1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 quantiles of IETiempo=2 | -0.14 | -0.15 | -0.15 | -0.13 | -0.12 | -0.12 |
| 5 quantiles of IETiempo=3 | 0.19 | 0.14 | 0.17 | 0.13 | 0.17 | 0.18 |
| 5 quantiles of IETiempo=4 | 0.09 | 0.04 | 0.05 | 0.05 | 0.02 | 0.02 |
| 5 quantiles of IETiempo=5 | 0.02 | -0.00 | -0.01 | 0.01 | -0.01 | -0.01 |
| Edad | -0.03 | -0.02 | -0.03 | -0.03 | -0.03 | -0.03 |
| edad2 | 0.00+ | 0.00 | 0.00+ | 0.00+ | 0.00+ | 0.00+ |
| RECODE of sexo (Sexo) | 0.21+ | 0.24* | 0.24* | 0.19+ | 0.26* | |
| Menos de 1 SMMLV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mas de 1 SMMLV y menos de 2 SMMLV | 0.32* | 0.33* | 0.28+ | 0.32* | 0.29* | |
| Mas de 2 SMMLV y menos de 4 SMMLV | 0.40+ | 0.42+ | 0.37+ | 0.36 | 0.37 | |
| Mas de 4 SMMLV y menos de 8 SMMLV | 0.66* | 0.70* | 0.66* | 0.53+ | 0.56+ | |
| Mas de 8 SMMLV | 0.63 | 0.55 | 0.64 | 0.33 | 0.23 | |
| No tiene ingresos | -0.05 | -0.03 | -0.07 | -0.08 | -0.09 | |
| Blanco | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Mestizo | 0.06 | 0.08 | 0.03 | 0.08 | 0.08 | |
| Indigena | 0.15 | 0.12 | 0.08 | 0.16 | 0.04 | |
| Negro/afro | -0.04 | -0.05 | -0.04 | -0.01 | -0.03 | |
| Otro | 0.23 | 0.16 | 0.23 | 0.29 | 0.23 | |
| Ninguno | 0.76** | 0.71** | 0.74** | 0.78** | 0.74** | |
| Casado(a) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Union ibre | 0.07 | 0.07 | 0.07 | 0.09 | 0.09 | |
| Separado/divorciado | -0.62* | -0.63** | -0.68** | -0.61* | -0.70** | |
| Soltero(a) | -0.35* | -0.36* | -0.37* | -0.33* | -0.37* | |
| Viudo(a) | -0.06 | -0.03 | -0.16 | -0.02 | -0.08 | |
| Primaria | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Secundaria | 0.03 | 0.04 | 0.02 | 0.00 | 0.03 | |
| Tecnica | -0.17 | -0.15 | -0.19 | -0.24 | -0.20 | |
| Profesional | -0.12 | -0.10 | -0.12 | -0.25 | -0.21 | |
| Posgrado | -0.22 | -0.21 | -0.18 | -0.48 | -0.37 | |
| Ninguno | 2.01*** | 1.67*** | 1.76*** | 2.01*** | 1.47*** | |
| Estado de salud | 0.29*** | 0.28*** | 0.29*** | 0.27*** | 0.27*** | |
| En su barrio ha ocurrido algun tipo de crimen | | -0.22+ | | | -0.21 | |
| Lugares baldios en su barrio | | 0.05 | | | 0.08 | |
| Presencia de policia en su barrio | | 0.11 | | | 0.09 | |
| Siente que su barrio es seguro | | -0.06 | | | -0.12 | |
| Siente que su barrio es seguro | | 0.00 | | | | |
| Percepcion de seguridad | | 0.27* | | | 0.32** | |
| Comuna=1 | | | 0.00 | | 0.00 | |
| Comuna=2 | | | -0.28 | | -0.53 | |
| Comuna=3 | | | 0.15 | | 0.01 | |
| Comuna=4 | | | 0.11 | | -0.11 | |
| Comuna=5 | | | -0.22 | | -0.40 | |
| Comuna=6 | | | 0.06 | | -0.07 | |
| Comuna=7 | | | -0.45 | | -0.65 | |
| Comuna=8 | | | -0.47 | | -0.53 | |
| Comuna=9 | | | 0.13 | | -0.10 | |
| Comuna=10 | | | -0.05 | | -0.30 | |
| Comuna=11 | | | -0.10 | | -0.28 | |
| Comuna=12 | | | -0.19 | | -0.39 | |
| Comuna=13 | | | -0.37 | | -0.43 | |
| Comuna=14 | | | -0.29 | | -0.31 | |
| Comuna=15 | | | -0.55 | | -0.66 | |
| Comuna=16 | | | 0.22 | | 0.07 | |
| Comuna=17 | | | -0.03 | | -0.42 | |
| Comuna=18 | | | -0.08 | | -0.09 | |
| Comuna=19 | | | -0.31 | | -0.66 | |
| Comuna=20 | | | 0.03 | | -0.04 | |
| Comuna=21 | | | 0.09 | | -0.01 | |
| Comuna=22 | | | 0.29 | | -0.13 | |
| Comuna=23 | | | -0.66 | | -0.87+ | |
| Estrato Socioeconomico=1 | | | | 0.00 | 0.00 | |
| Estrato Socioeconomico=2 | | | | 0.15 | 0.16 | |
| Estrato Socioeconomico=3 | | | | 0.14 | 0.22 | |
| Estrato Socioeconomico=4 | | | | 0.22 | 0.40 | |
| Estrato Socioeconomico=5 | | | | 0.68** | 0.92** | |
| Estrato Socioeconomico=6 | | | | 0.48 | 0.62 | |
| Siente que su barrio es seguro | | | | | 0.00 | |
| constant | 8.55*** | 7.90*** | 7.87*** | 8.14*** | 7.92*** | 8.17*** |
| N | 1214 | 1157 | 1141 | 1150 | 1153 | 1130 |

+ 0.10 * 0.05 ** 0.01 *** 0.001; robust
std err

Table 18: OLS regressions of satisfaccionvida.

1 Barrio FE

There are over 100 barrios, and full model fixed effect results with barrio dummies yield even stronger result below than

reported in paper on miobarrio of -.5. This is a remarkably strong result.

```
reg satisfaccionvida miobarrio barriocrimen barriobaldio barriopolicia barrioseguro
> seguro 'sd' i.comuna i.estrato i.bN, robust
```

| Linear regression | | Number of obs = 1,183 | | | | |
|--------------------|-----------|-----------------------|-----------|-------|-----------|----------------------|
| | | F(225, 882) = . | | | | |
| | | Prob > F = . | | | | |
| | | R-squared = 0.2746 | | | | |
| | | Root MSE = 1.6995 | | | | |
| | | <hr/> | | | | |
| satisfaccionvida | | Robust | | | | |
| | | Coef. | Std. Err. | t | P> t | [95% Conf. Interval] |
| | | | | | | |
| miobarrio | -.5072881 | .2253141 | -2.25 | 0.025 | -.9495024 | -.0650738 |
| barriocrimen | -.1519741 | .1501277 | -1.01 | 0.312 | -.4466234 | .1426752 |
| barriobaldio | .0585559 | .1255517 | 0.47 | 0.641 | -.187859 | .3049707 |
| barriopolicia | -.0294585 | .1300722 | -0.23 | 0.821 | -.2847456 | .2258286 |
| barrioseguro | -.0895904 | .1632027 | -0.55 | 0.583 | -.4099014 | .2307206 |
| seguro | .3216604 | .1299407 | 2.48 | 0.013 | .0666314 | .5766894 |
| edad | -.0166817 | .0207693 | -0.80 | 0.422 | -.0574448 | .0240813 |
| edad2 | .0001828 | .0002239 | 0.82 | 0.414 | -.0002566 | .0006223 |
| mujer | .2189973 | .131804 | 1.66 | 0.097 | -.0396887 | .4776833 |
| <hr/> | | <hr/> | | | | |
| promedioingresos | | | | | | |
| lt 1 SMMLV | .1242456 | .2218443 | 0.56 | 0.576 | -.3111587 | .55965 |
| 1-2 SMMLV | .3290293 | .1902141 | 1.73 | 0.084 | -.0442958 | .7023543 |
| 2-4 SMMLV | .508169 | .2738477 | 1.86 | 0.064 | -.0293823 | 1.045586 |
| 4-8 SMMLV | .6368799 | .3432415 | 1.86 | 0.064 | -.0367855 | 1.310545 |
| gt 8 SMMLV | .4901427 | .5978279 | 0.82 | 0.413 | -.6831886 | 1.663474 |
| <hr/> | | <hr/> | | | | |
| etnia | | | | | | |
| half blood | .0141653 | .1691406 | 0.08 | 0.933 | -.3177997 | .3461304 |
| indigenous | .0026693 | .3134945 | 0.01 | 0.993 | -.612613 | .6179516 |
| black | -.0059857 | .1909395 | -0.03 | 0.975 | -.3807345 | .3687631 |
| other | -.3565242 | .7344251 | -0.49 | 0.627 | -.1797949 | 1.084901 |
| none | .5589964 | .3436762 | 1.63 | 0.104 | -.1155223 | 1.233515 |
| <hr/> | | <hr/> | | | | |
| estadocivil | | | | | | |
| free union | .0208792 | .1740441 | 0.12 | 0.905 | -.3207097 | .3624681 |
| separated/widowed | -.724732 | .3054828 | -2.37 | 0.018 | -1.32429 | -.125174 |
| single | -.3283445 | .1756243 | -1.87 | 0.062 | -.6730348 | .0163458 |
| widow | .0828537 | .523952 | 0.16 | 0.874 | -.9454845 | 1.111192 |
| <hr/> | | <hr/> | | | | |
| niveleducativo | | | | | | |
| secondary | -.0190604 | .2323921 | -0.08 | 0.935 | -.4751666 | .4370457 |
| technical | -.1194617 | .2557845 | -0.47 | 0.641 | -.6214791 | .3825557 |
| professional | -.2382677 | .2657324 | -0.90 | 0.370 | -.7598093 | .2832738 |
| postgraduate | -.2653087 | .3776093 | -0.70 | 0.482 | -.1006426 | .4758089 |
| none | .0474597 | .4841196 | 0.10 | 0.922 | -.9027012 | .9976207 |
| <hr/> | | <hr/> | | | | |
| satisfaccionesalud | | | | | | |
| | | .2682442 | .0640453 | 4.19 | 0.000 | .1425453 |
| | | | | | | .3939432 |
| <hr/> | | <hr/> | | | | |
| comuna | | | | | | |
| 2 | .1518402 | .4489129 | 0.34 | 0.735 | -.7292219 | 1.032902 |
| 3 | 1.068803 | 1.07674 | 0.99 | 0.321 | -1.04447 | 3.182075 |
| 4 | .6794159 | 1.317552 | 0.52 | 0.606 | -.1906487 | 3.265319 |
| 5 | .7580502 | .6461122 | 1.17 | 0.241 | -.5100466 | 2.026147 |
| 6 | -.3336977 | 1.501564 | -0.22 | 0.824 | -3.280753 | 2.613358 |
| 7 | .2169394 | .6676593 | 0.32 | 0.745 | -1.093447 | 1.527326 |
| 8 | -.1037208 | .8066094 | -0.13 | 0.898 | -1.686819 | 1.479377 |
| 9 | .4317839 | 1.018434 | 0.42 | 0.672 | -.1567054 | 2.430621 |
| 10 | .7664807 | .6835928 | 1.12 | 0.262 | -.5751777 | 2.108139 |
| 11 | 1.868524 | .7491733 | 2.49 | 0.013 | .3981533 | 3.338894 |
| 12 | -1.196121 | 1.755873 | -0.68 | 0.496 | -4.642298 | 2.250056 |
| 13 | .3773884 | .6118452 | 0.62 | 0.538 | -.823454 | 1.578231 |
| 14 | 1.027012 | .6624907 | 1.55 | 0.121 | -.2731521 | 2.327175 |
| 15 | .7053964 | .8758623 | 0.81 | 0.421 | -.1013621 | 2.424414 |
| 16 | .7234355 | .7349872 | 0.98 | 0.325 | -.7190926 | 2.165964 |
| 17 | -.2384543 | .6730162 | -0.35 | 0.723 | -1.559354 | 1.082446 |
| 18 | .1716081 | .6222014 | 0.28 | 0.783 | -1.04956 | 1.392776 |
| 19 | -.1012861 | 1.117931 | -0.09 | 0.928 | -2.295402 | 2.09283 |
| 20 | -.2823581 | .9699782 | -0.29 | 0.771 | -2.186093 | 1.621377 |
| 21 | .3176695 | 1.073926 | 0.30 | 0.767 | -1.790079 | 2.425418 |
| 22 | .0688162 | .8423461 | 0.08 | 0.935 | -1.58442 | 1.722053 |
| 23 | .2103123 | .6071843 | 0.35 | 0.729 | -.9813823 | 1.402007 |
| <hr/> | | <hr/> | | | | |
| estrato | | | | | | |
| 2 | .1880044 | .2116971 | 0.89 | 0.375 | -.2274843 | .6034932 |
| 3 | .2796257 | .2529051 | 1.11 | 0.269 | -.2167403 | .7759917 |
| 4 | .2676222 | .3760617 | 0.71 | 0.477 | -.4704581 | 1.005702 |
| 5 | .4344328 | .4468779 | 0.97 | 0.331 | -.4426353 | 1.311501 |

| | bN | | | | | | |
|---------------------|-----------|----------|-------|-------|------------|----------|--|
| Aguablanca | 1.156706 | 1.421685 | 0.81 | 0.416 | -1.633573 | 3.946986 | |
| Aguacatal | 3.645608 | 1.222987 | 2.98 | 0.003 | 1.245303 | 6.045913 | |
| Alameda | 1.20305 | 1.658354 | 0.73 | 0.468 | -2.051731 | 4.457831 | |
| Alameda | 1.290637 | 1.581835 | 0.82 | 0.415 | -1.813962 | 4.395237 | |
| Alferez Real | 3.286216 | 1.290668 | 2.55 | 0.011 | .7530769 | 5.819355 | |
| Alfonso Barberena | 3.212959 | 2.140219 | 1.50 | 0.134 | -.9875579 | 7.413476 | |
| Alfonso Bonilla A.. | 1.241997 | 1.269321 | 0.98 | 0.328 | -1.249246 | 3.73324 | |
| Alfonso Lopez | 1.824868 | 1.416728 | 1.29 | 0.198 | -.9556846 | 4.60542 | |
| Alfonso Lopez III | 1.840845 | 1.440246 | 1.28 | 0.202 | -.9858639 | 4.667553 | |
| Alirio Mora Beltran | 1.185978 | 1.382251 | 0.86 | 0.391 | -1.526906 | 3.898862 | |
| Alto Napoles | 2.900814 | 1.35977 | 2.13 | 0.033 | .2320513 | 5.569577 | |
| Alto napoles | 4.037963 | 1.188818 | 3.40 | 0.001 | 1.70472 | 6.371205 | |
| Altos de Menga | 3.766102 | 1.185206 | 3.18 | 0.002 | 1.439948 | 6.092256 | |
| Antonio Narino | 2.062128 | 1.221149 | 1.69 | 0.092 | -.3345697 | 4.458826 | |
| Aranjuez | 2.821982 | 1.496844 | 1.89 | 0.060 | -.11581 | 5.759775 | |
| Asturias | 5.001166 | 2.08545 | 2.40 | 0.017 | .9081419 | 9.09419 | |
| Asturias | 4.065541 | 2.075797 | 1.96 | 0.050 | -.0085361 | 8.139618 | |
| Atanasio Girardot | 3.665557 | 1.238427 | 2.96 | 0.003 | 1.23495 | 6.096164 | |
| Barrio Departamen.. | .1263869 | 1.283504 | 0.10 | 0.922 | -2.392691 | 2.645465 | |
| Barrio Obrero | 2.838832 | 1.635444 | 1.74 | 0.083 | -.3709837 | 6.048647 | |
| Barrio Olaya Herr.. | 1.960156 | 1.732552 | 1.13 | 0.258 | -1.440248 | 5.360561 | |
| Barrio San Carlos | .8214495 | 1.297271 | 0.63 | 0.527 | -1.724649 | 3.367548 | |
| Belalcazar | 2.977993 | 1.521598 | 1.96 | 0.051 | -.0083817 | 5.964369 | |
| Belalcazar | 3.203345 | 1.487722 | 2.15 | 0.032 | .2834561 | 6.123234 | |
| Belen | 1.771703 | 1.834345 | 0.97 | 0.334 | -1.828487 | 5.371893 | |
| Belisario Caicedo | .7175181 | 1.9779 | 0.36 | 0.717 | -3.164422 | 4.599458 | |
| Bellavista | 1.415951 | 1.831348 | 0.77 | 0.440 | -2.178358 | 5.010259 | |
| Bolivariano | 2.795368 | 1.720693 | 1.62 | 0.105 | -.5817626 | 6.172498 | |
| Bolivariano | 2.670308 | 1.723087 | 1.55 | 0.122 | -.7115211 | 6.052136 | |
| Bretana | 2.551446 | 1.448373 | 1.76 | 0.078 | -.291214 | 5.394106 | |
| Brisas de Mayo | 3.864649 | 1.512372 | 2.56 | 0.011 | .8963801 | 6.832918 | |
| Brisas de los Ala.. | 1.418329 | 1.221028 | 1.16 | 0.246 | -.978131 | 3.814789 | |
| Brisas del Limonar | -.0432686 | 1.194822 | -0.04 | 0.971 | -2.388295 | 2.301757 | |
| Buenos Aires | 2.973798 | 1.439256 | 2.07 | 0.039 | .149032 | 5.798563 | |
| Caldas | 3.147474 | 1.301021 | 2.42 | 0.016 | .5940166 | 5.700932 | |
| Calima | 2.329352 | 1.74164 | 1.34 | 0.181 | -1.08889 | 5.747594 | |
| Calimio Desepaz | 2.00726 | 1.616109 | 1.24 | 0.215 | -1.164607 | 5.179128 | |
| Calypso | 1.753557 | 1.537754 | 1.14 | 0.254 | -1.264528 | 4.771642 | |
| Calypso | .6658251 | 1.360803 | 0.49 | 0.625 | -2.004964 | 3.336615 | |
| Camino Real - Jca.. | 2.957078 | 1.587776 | 1.86 | 0.063 | -.159182 | 6.073337 | |
| Canaverales - Los.. | .0048788 | 1.706923 | 0.00 | 0.998 | -3.345227 | 3.354984 | |
| Caney | 3.119151 | 1.226087 | 2.54 | 0.011 | .7127626 | 5.525539 | |
| Capri | 3.724545 | 1.230473 | 3.03 | 0.003 | 1.309549 | 6.139542 | |
| Caaaverales - Lo.. | 2.67491 | 1.267048 | 2.11 | 0.035 | .1881297 | 5.161691 | |
| Centenario | 2.836717 | 1.313407 | 2.16 | 0.031 | .25895 | 5.414484 | |
| Champagnat | 1.248403 | 1.589896 | 0.79 | 0.433 | -1.872017 | 4.368823 | |
| Champagnat | 1.123472 | 1.509632 | 0.74 | 0.457 | -1.839419 | 4.086363 | |
| Chapinero | 3.231522 | 1.298147 | 2.49 | 0.013 | .6837037 | 5.779341 | |
| Charco Azul | 1.796023 | 1.20069 | 1.50 | 0.135 | -.5605212 | 4.152566 | |
| Chiminangos I | 2.001687 | 1.246754 | 1.61 | 0.109 | -.4452633 | 4.448638 | |
| Chiminangos II | 2.918657 | 1.227336 | 2.38 | 0.018 | .5098179 | 5.327497 | |
| Chipichape | 1.779192 | 1.256325 | 1.42 | 0.157 | -.6866167 | 4.244856 | |
| Ciudad 2000 | 2.582137 | 1.185869 | 2.18 | 0.030 | .2546826 | 4.90959 | |
| Ciudad Cordoba | 1.122022 | 1.115186 | 1.01 | 0.315 | -1.066706 | 3.31075 | |
| Ciudad Talanga | 2.794068 | 1.488034 | 1.88 | 0.061 | -.1264328 | 5.714568 | |
| Ciudad los Alamos | 3.45642 | 1.207001 | 2.86 | 0.004 | 1.08749 | 5.82535 | |
| Ciudadela Floralia | 3.090866 | 1.884116 | 1.64 | 0.101 | -.6070066 | 6.78874 | |
| Ciudadela del Rio.. | 3.611188 | 1.519764 | 2.38 | 0.018 | .6284123 | 6.593964 | |
| Ciudadela del Rio.. | 3.251027 | 1.491336 | 2.18 | 0.030 | .3240469 | 6.178008 | |
| Ciudadela del cam.. | 2.988229 | 1.29379 | 2.31 | 0.021 | .4489632 | 5.527494 | |
| Colseguros Andes | 1.506787 | 1.465573 | 1.03 | 0.304 | -1.36963 | 4.383204 | |
| Colseguros Andes | 2.535303 | 1.358322 | 1.87 | 0.062 | -.1306179 | 5.201224 | |
| Compartir | .8350427 | 1.742788 | 0.48 | 0.632 | -2.585453 | 4.255538 | |
| Compartir | 3.018683 | 1.620935 | 1.86 | 0.063 | -.1626562 | 6.200022 | |
| Cristobal Colon | 1.441686 | 1.330652 | 1.08 | 0.279 | -1.169928 | 4.053299 | |
| Cuarto de Legua -.. | 3.661137 | 1.524967 | 2.40 | 0.017 | .6681481 | 6.654125 | |
| Danubio | 0.492635 | 1.225314 | 0.04 | 0.968 | -2.355608 | 2.454135 | |
| Doce de Octubre | -.1114841 | 2.042488 | -0.05 | 0.956 | -4.120188 | 3.89722 | |
| El Bosque | 2.502084 | 1.475803 | 1.70 | 0.090 | -.3944115 | 5.39858 | |
| El Diamante | 1.626593 | 1.306931 | 1.24 | 0.214 | -.9384646 | 4.191651 | |
| El Diamante | 1.202162 | 1.220536 | 0.98 | 0.325 | -1.193332 | 3.597655 | |
| El Dorado | .9881729 | 2.382279 | 0.41 | 0.678 | -3.687424 | 5.663769 | |
| El Guabalo | 2.616142 | 1.256807 | 2.08 | 0.038 | .1494601 | 5.082824 | |
| El Ingenio | 2.779886 | 1.246388 | 2.23 | 0.026 | .3336528 | 5.226118 | |
| El Jardin | -.8407979 | 1.03578 | -0.81 | 0.417 | -2.873678 | 1.192082 | |
| El Jordan | 2.772492 | 1.173235 | 2.36 | 0.018 | .4698345 | 5.075149 | |
| El Lido | 2.949367 | 1.780395 | 1.66 | 0.098 | -.5449391 | 6.443673 | |
| El Limonar | 2.389661 | 1.238932 | 1.93 | 0.054 | -.0419375 | 4.821259 | |
| El Morichal | 1.87631 | 1.099501 | 1.71 | 0.088 | -.2816329 | 4.034253 | |
| El Nacional | 2.571744 | 1.563275 | 1.65 | 0.100 | -.496429 | 5.639917 | |
| El Paraiso | 5.168042 | 2.131554 | 2.42 | 0.016 | .9845325 | 9.351551 | |
| El Piloto | 2.654609 | 1.544768 | 1.72 | 0.086 | -.3772414 | 5.68646 | |
| El Poblado | 2.262677 | 1.241015 | 1.82 | 0.069 | -.1730095 | 4.698364 | |
| El Poblado II | 2.236742 | 1.557348 | 1.44 | 0.151 | -.8197976 | 5.293282 | |
| El Recuerdo | 1.245627 | .9484852 | 1.31 | 0.189 | -.6159244 | 3.107178 | |
| El Recuerdo | .8996141 | 1.416799 | 0.63 | 0.526 | -.1881077 | 3.680305 | |
| El Refugio | 2.886663 | 1.549017 | 1.86 | 0.063 | -.1535269 | 5.926853 | |
| El Remanso | 1.882306 | 1.639491 | 1.15 | 0.251 | -.1335452 | 5.100065 | |
| El Rodeo | 3.792184 | 1.859256 | 2.04 | 0.042 | .1431014 | 7.441266 | |
| El Sena | -1.065233 | 1.246747 | -0.85 | 0.393 | -.3.512171 | 1.381705 | |
| El Trebol | .9652318 | 1.307048 | 0.74 | 0.460 | -.1.600055 | 3.530518 | |
| El Trebol | 2.624512 | 1.30081 | 2.02 | 0.044 | .0714674 | 5.177556 | |
| El Troncal | 3.287029 | 1.336122 | 2.46 | 0.014 | .6646806 | 5.909378 | |

| | | | | | | |
|---------------------|-----------|----------|-------|-------|------------|----------|
| El Vergel | 1.785286 | 1.576541 | 1.13 | 0.258 | -1.308924 | 4.879496 |
| Flora Industrial | 2.17327 | 1.568862 | 1.39 | 0.166 | -.9058684 | 5.252408 |
| Granada | 2.261066 | 1.200845 | 1.88 | 0.060 | -.0957807 | 4.617912 |
| Guayaquil | .0930923 | 1.925045 | 0.05 | 0.961 | -3.685112 | 3.871297 |
| Guayaquil | .7785036 | 1.577915 | 0.49 | 0.622 | -2.318404 | 3.875411 |
| Industrial | -1.625145 | 1.309444 | -1.24 | 0.215 | -4.195135 | .9448445 |
| Jorge Eliocer Gai.. | 3.226904 | 2.129487 | 1.52 | 0.130 | -.9525479 | 7.406357 |
| Jorge Isaacs | 3.258968 | 1.771027 | 1.84 | 0.066 | -.2169507 | 6.734887 |
| Jose Manuel Marro.. | 1.528169 | 1.649732 | 0.93 | 0.355 | -1.70969 | 4.766028 |
| Jose Manuel Marro.. | 1.856212 | 1.209874 | 1.53 | 0.125 | -.5183565 | 4.23078 |
| Jose Maria Cordoba | -1.072532 | .9377467 | -1.14 | 0.253 | -2.913008 | .767943 |
| Juanambu | 2.546194 | 1.279576 | 1.99 | 0.047 | .0348244 | 5.057563 |
| Junin | 2.824113 | 1.499602 | 1.88 | 0.060 | -.1190909 | 5.767318 |
| La Alianza | 2.506101 | 1.721003 | 1.46 | 0.146 | -.8716376 | 5.883839 |
| La Base | 2.55072 | 1.289645 | 1.98 | 0.048 | .0195899 | 5.081851 |
| La Cascada | 2.017356 | 1.819018 | 1.11 | 0.268 | -1.552753 | 5.587466 |
| La Esmeralda | 2.710015 | 1.755198 | 1.54 | 0.123 | -.7348377 | 6.154868 |
| La Flora | 2.394539 | 1.253389 | 1.91 | 0.056 | -.0654334 | 4.854512 |
| La Floresta | 3.660148 | 1.359959 | 2.69 | 0.007 | .991014 | 6.329281 |
| La Fortaleza | 1.779572 | .9300553 | 1.91 | 0.056 | -.0458073 | 3.604952 |
| La Gran Colombia | 1.473011 | .9477982 | 1.55 | 0.121 | -.3871921 | 3.333214 |
| La Hacienda | 3.13605 | 1.269811 | 2.47 | 0.014 | .6438457 | 5.628254 |
| La Independencia | .4758033 | .9277494 | 0.51 | 0.608 | -1.345051 | 2.296657 |
| La Isla | -.0537228 | 1.81788 | -0.03 | 0.976 | -3.621598 | 3.514153 |
| La Libertad | 2.666708 | 1.296304 | 2.06 | 0.040 | .1225071 | 5.210909 |
| La Merced | 2.361237 | 1.38476 | 1.71 | 0.089 | -.3565714 | 5.079045 |
| La Playa | 3.876914 | 1.241155 | 3.12 | 0.002 | 1.440952 | 6.312876 |
| La Rivera | 3.655316 | 1.530713 | 2.39 | 0.017 | .6510511 | 6.659582 |
| La Selva | 2.932812 | 1.221979 | 2.40 | 0.017 | .5344864 | 5.331138 |
| Las Acacias | 2.811735 | 1.231407 | 2.28 | 0.023 | .3949044 | 5.228565 |
| Las Americas | 1.254095 | 1.370522 | 0.92 | 0.360 | -.1435769 | 3.943959 |
| Las Delicias | 3.305646 | 1.711367 | 1.93 | 0.054 | -.0531803 | 6.664472 |
| Las Granjas | .5419442 | 1.259586 | 0.43 | 0.667 | -.1.930192 | 3.014081 |
| Las Orquideas | 1.866602 | 1.389695 | 1.34 | 0.180 | -.8608933 | 4.594098 |
| Las Palmas | -3.180598 | 1.205755 | -2.64 | 0.008 | -5.547083 | -.814114 |
| Las Quintas de Do.. | 3.25646 | 1.262211 | 2.58 | 0.010 | .7791711 | 5.733748 |
| Las acacias | 3.002086 | 1.277131 | 2.35 | 0.019 | .4955161 | 5.508656 |
| Leon XIII | 1.205244 | 1.044576 | 1.15 | 0.249 | -.8449015 | 3.255389 |
| Lili | 2.405439 | 1.299639 | 1.85 | 0.065 | -.1453063 | 4.956185 |
| Lleras Camargo | 2.986225 | 1.500758 | 1.99 | 0.047 | .0407516 | 5.931698 |
| Lleras Restrepo | 4.1047 | 1.228263 | 3.34 | 0.001 | 1.694041 | 6.51536 |
| Los Alcazares | 2.598843 | 2.04054 | 1.27 | 0.203 | -.1.406039 | 6.603725 |
| Los Andes | 1.572709 | 1.257877 | 1.25 | 0.212 | -.8960727 | 4.041491 |
| Los Andes B - La .. | 2.910413 | 1.279172 | 2.28 | 0.023 | .3998372 | 5.420988 |
| Los Chorros | 2.426262 | 1.234946 | 1.96 | 0.050 | .0024873 | 4.850037 |
| Los Comuneros I E.. | 1.24742 | 1.495236 | 0.83 | 0.404 | -.1.687215 | 4.182055 |
| Los Comuneros II .. | 1.65661 | 1.852706 | 0.89 | 0.371 | -.1.979618 | 5.292837 |
| Los Conquistadores | 2.126328 | .9758369 | 2.18 | 0.030 | .2110945 | 4.041561 |
| Los Guaduales | 4.731016 | 1.881613 | 2.51 | 0.012 | 1.038054 | 8.423978 |
| Los Guayacanes | 2.253606 | 1.539645 | 1.46 | 0.144 | -.7681887 | 5.2754 |
| Los Lagos | 1.076255 | 1.261588 | 0.85 | 0.394 | -.1.399811 | 3.55232 |
| Los Naranjos I | 1.52615 | 1.378488 | 1.11 | 0.269 | -.1.179349 | 4.231649 |
| Los Parques Barra.. | -.526351 | 3.103302 | -0.17 | 0.865 | -.6.617069 | 5.564367 |
| Los Pinos | 1.96004 | 1.248242 | 1.57 | 0.117 | -.4898313 | 4.409912 |
| Los Portales- Nue.. | 2.843258 | 1.263974 | 2.25 | 0.025 | .3625108 | 5.324006 |
| Los Robles | 3.463648 | 1.217644 | 2.84 | 0.005 | 1.07383 | 5.853465 |
| Los Sauces | .2535694 | 1.11524 | 0.23 | 0.820 | -.1.935265 | 2.442403 |
| Lourdes | .1390621 | 1.309668 | 0.11 | 0.915 | -.2.431367 | 2.709491 |
| Lourdes | .8860303 | 1.188481 | 0.75 | 0.456 | -.1.446552 | 3.218612 |
| Manuela Beltran | .989565 | 1.402471 | 0.71 | 0.481 | -.1.763006 | 3.742136 |
| Manzanares | 3.487323 | 1.710788 | 2.04 | 0.042 | .1296333 | 6.845012 |
| Mariano Ramos | 1.867789 | 1.231161 | 1.52 | 0.130 | -.5485577 | 4.284135 |
| Melendez | 2.577195 | 1.249452 | 2.06 | 0.039 | .124949 | 5.02944 |
| Menga | 2.969723 | 1.605093 | 1.85 | 0.065 | -.1805244 | 6.11997 |
| Metropolitano del.. | .5996801 | 1.226134 | 0.49 | 0.625 | -.1.806801 | 3.006161 |
| Miraflores | 3.237104 | 1.497503 | 2.16 | 0.031 | .2980191 | 6.17619 |
| Mojica | 3.519002 | 1.175762 | 2.99 | 0.003 | 1.211384 | 5.82662 |
| Municipal | 2.717554 | 1.614897 | 1.68 | 0.093 | -.4519347 | 5.887043 |
| Napoles | 2.582285 | 1.194738 | 2.16 | 0.031 | .2374238 | 4.927145 |
| Normandia | 3.571525 | 1.203846 | 2.97 | 0.003 | 1.208787 | 5.934262 |
| Normandia | 1.82798 | 1.800937 | 1.02 | 0.310 | -.1.706642 | 5.362601 |
| Nueva Floresta | 3.051773 | 1.272637 | 1.40 | 0.160 | -.1.212368 | 7.315914 |
| Nueva Tequendama | 4.225159 | 1.553999 | 2.72 | 0.007 | 1.175191 | 7.275126 |
| Olimpico | 2.228995 | 1.478857 | 1.51 | 0.132 | -.6734958 | 5.131485 |
| Omar Torrijos | 3.253673 | 1.238958 | 2.63 | 0.009 | .8220235 | 5.685323 |
| Pampa Linda | 2.851706 | 1.763446 | 1.62 | 0.106 | -.6093336 | 6.312746 |
| Panamericano | .4549466 | 1.380395 | 0.33 | 0.742 | -.2.254295 | 3.164188 |
| Parcelaciones Pan.. | 3.308947 | 1.382653 | 2.39 | 0.017 | .5952735 | 6.022621 |
| Petecuy Primera E.. | 3.335494 | 1.921599 | 1.74 | 0.083 | -.4359466 | 7.106934 |
| Petecuy Segunda E.. | 4.269619 | 1.928894 | 2.21 | 0.027 | .4838613 | 8.055376 |
| Pizamos I | 2.226233 | 1.697062 | 1.31 | 0.190 | -.1.104517 | 5.556983 |
| Polvorines | 4.111126 | 1.189969 | 3.45 | 0.001 | 1.775624 | 6.446627 |
| Popular | 2.090203 | 1.781038 | 1.17 | 0.241 | -.1.405365 | 5.585771 |
| Porvenir | 1.847538 | 1.793305 | 1.03 | 0.303 | -.1.672105 | 5.367181 |
| Potero Grande | 3.892977 | 1.53491 | 2.54 | 0.011 | .8804734 | 6.90548 |
| Prados del Norte | 4.37991 | 1.217747 | 3.60 | 0.000 | 1.989889 | 6.769931 |
| Prados del Oriente | -1.032549 | 1.005664 | -1.03 | 0.305 | -.3.006322 | .9412249 |
| Prados del Sur | 3.126732 | 1.639149 | 1.91 | 0.057 | -.0903567 | 6.34382 |
| Primavera | 2.650782 | .9545493 | 2.78 | 0.006 | .7773287 | 4.524235 |
| Primero de Mayo | 3.413272 | 1.273556 | 2.68 | 0.007 | .9137181 | 5.912827 |
| Primitivo Crespo | 4.460541 | 1.305175 | 3.42 | 0.001 | 1.89893 | 7.022152 |
| Puerta del Sol | 1.264649 | 1.367999 | 0.92 | 0.356 | -.1.420443 | 3.949382 |
| Puerto Mallarino | .2716032 | 3.2761 | 0.08 | 0.934 | -.6.158258 | 6.701465 |
| Rafael Uribe Uribe | -.671497 | 1.386972 | -0.48 | 0.628 | -.3.393648 | 2.050653 |

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|---------------------|-----------|----------|-------|-------|------------|----------|
| Republica de Israel | 2.647589 | 1.206254 | 2.19 | 0.028 | .2801268 | 5.015052 |
| Ricardo Balcazar | 1.999172 | 1.706777 | 1.17 | 0.242 | -1.350646 | 5.348989 |
| Rodrigo Lara Boni.. | 1.834738 | 1.23098 | 1.49 | 0.136 | -.5812527 | 4.250729 |
| Saavedra Galindo | 1.844109 | 1.99329 | 0.93 | 0.355 | -2.068036 | 5.756254 |
| Salomia | 1.478212 | 1.879356 | 0.79 | 0.432 | -2.210319 | 5.166744 |
| San Antonio | .5655684 | 1.717953 | 0.33 | 0.742 | -2.806185 | 3.937322 |
| San Fernando Nuevo | 2.831822 | 1.590323 | 1.78 | 0.075 | -.2894365 | 5.953081 |
| San Fernando Viejo | 2.002691 | 1.641898 | 1.22 | 0.223 | -1.219792 | 5.225173 |
| San Juan Bosco | 2.001204 | 1.547977 | 1.29 | 0.196 | -1.036946 | 5.039353 |
| San Judas Tadeo II | 1.657002 | 1.370577 | 1.21 | 0.227 | -1.032971 | 4.346976 |
| San Luis | 2.439278 | 1.965633 | 1.24 | 0.215 | -1.418585 | 6.297141 |
| San Luis II | 1.424104 | 1.878293 | 0.76 | 0.449 | -2.262342 | 5.110549 |
| San Marino | .55783 | 1.622102 | 0.34 | 0.731 | -2.625801 | 3.741461 |
| San Nicolas | 2.134895 | 1.76486 | 1.21 | 0.227 | -1.32892 | 5.598711 |
| San Pascual | 1.228405 | 1.567609 | 0.78 | 0.433 | -1.848274 | 4.305085 |
| San Pedro | .602908 | 1.543871 | 0.39 | 0.696 | -2.427182 | 3.632998 |
| San Pedro Claver | 1.893041 | .9629186 | 1.97 | 0.050 | .003162 | 3.782921 |
| Santa Anita - La .. | 3.151975 | 1.594482 | 1.98 | 0.048 | .0225539 | 6.281396 |
| Santa Elena | 1.646522 | 1.319249 | 1.25 | 0.212 | -.9427116 | 4.235756 |
| Santa Fe | 2.138687 | 1.523378 | 1.40 | 0.161 | -.8511808 | 5.128556 |
| Santa Isabel | 3.420122 | 1.508263 | 2.27 | 0.024 | .4599184 | 6.380325 |
| Santa Monica | 1.647834 | 1.337177 | 1.23 | 0.218 | -.976586 | 4.272253 |
| Santa Monica | 2.786383 | 1.199098 | 2.32 | 0.020 | .432965 | 5.139801 |
| Santa Monica Popu.. | 2.321554 | 1.456377 | 1.59 | 0.111 | -.5368156 | 5.179923 |
| Santa Teresita | 2.497275 | 1.258039 | 1.99 | 0.047 | .0281761 | 4.966374 |
| Santander | 3.475285 | 1.748338 | 1.99 | 0.047 | .0438968 | 6.906673 |
| Santo Domingo | 1.30484 | 1.312938 | 0.99 | 0.321 | -1.272007 | 3.881688 |
| Sector Alto Jordan | 3.186229 | 1.199405 | 2.66 | 0.008 | .8322083 | 5.54025 |
| Sector Altos de N.. | 2.028682 | 1.690211 | 1.20 | 0.230 | -1.288623 | 5.345987 |
| Sector Caaaver.. | 2.294841 | 1.827071 | 1.26 | 0.209 | -1.291073 | 5.880754 |
| Seminario | 3.967621 | 1.640332 | 2.42 | 0.016 | .7482126 | 7.18703 |
| Siete de Agosto | 2.912815 | 1.332919 | 2.19 | 0.029 | .2967517 | 5.528879 |
| Siloe | 3.297386 | 1.392215 | 2.37 | 0.018 | .5649463 | 6.029827 |
| Simon Bolivar | -.4048308 | 1.33162 | -0.30 | 0.761 | -3.018345 | 2.208684 |
| Sindical | 4.350742 | 2.146896 | 2.03 | 0.043 | .1371215 | 8.564363 |
| Sucre | .7664454 | 1.46532 | 0.52 | 0.601 | -2.109475 | 3.642366 |
| Terron Colorado | 2.540876 | 1.196904 | 2.12 | 0.034 | .1917633 | 4.889989 |
| Torres de Comfandi | 1.536761 | 1.420869 | 1.08 | 0.280 | -1.251917 | 4.32544 |
| Ulptiano Lloreda | 2.259722 | 1.627587 | 1.39 | 0.165 | -.9346735 | 5.454117 |
| Unicentro Cali | 3.202869 | 1.23663 | 2.59 | 0.010 | .7757883 | 5.62995 |
| Unidad Residencia.. | 2.060346 | 1.998203 | 1.03 | 0.303 | -.1861443 | 5.982134 |
| Union de Vivienda.. | 1.84386 | 1.217063 | 1.52 | 0.130 | -.5448179 | 4.232537 |
| Urbanizacion Cali.. | 4.325102 | 1.902646 | 2.27 | 0.023 | .5908601 | 8.059343 |
| Urbanizacion Ciud.. | 2.517942 | 1.414256 | 1.78 | 0.075 | -.2577584 | 5.293642 |
| Urbanizacion Nuev.. | 2.78824 | 1.513995 | 1.84 | 0.066 | -.183213 | 5.759693 |
| Urbanizacion San .. | 2.186058 | 1.586132 | 1.38 | 0.168 | -.9269754 | 5.299091 |
| Urbanizacion Tequ.. | 3.54428 | 1.613202 | 2.20 | 0.028 | .3781177 | 6.710443 |
| Urbanizacion la N.. | 2.511331 | 1.323382 | 1.90 | 0.058 | -.0860155 | 5.108677 |
| Vallado | 1.42071 | 1.577083 | 0.90 | 0.368 | -.1.674563 | 4.515982 |
| Valle Grande | 2.311742 | 1.627515 | 1.42 | 0.156 | -.8825132 | 5.505996 |
| Villa Colombia | 2.163057 | 1.381147 | 1.57 | 0.118 | -.5476621 | 4.873776 |
| Villa del Lago | 1.55257 | 1.371056 | 1.13 | 0.258 | -.1.138343 | 4.243482 |
| Villa del Prado -.. | 1.273603 | 1.418861 | 0.90 | 0.370 | -.1.511136 | 4.058341 |
| Villa del Sur | .6950872 | 1.625227 | 0.43 | 0.669 | -.2.494677 | 3.884851 |
| Villanueva | 3.720309 | 1.766866 | 2.11 | 0.036 | .2525561 | 7.188061 |
| Vipasa | 4.376877 | 2.088689 | 2.10 | 0.036 | .2774973 | 8.476257 |
| Vista Hermosa | 3.298277 | 1.58393 | 2.08 | 0.038 | .1895644 | 6.406989 |
| _cons | 5.663778 | 1.279888 | 4.43 | 0.000 | 3.151797 | 8.175759 |