



An Assessment of How Urban Crime and Victimization Affect Life Satisfaction

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- I. Motivación
- II. Revisión de la Literatura
- III. Regularidades Empíricas
- IV. Identificación y Estimación
 - Resultados: “Life Satisfaction”
 - Resultados: “Very Happy”
 - Resultados: Victimización
- V. Conclusiones



I. Motivación

II. Revisión de la Literatura

III. Regularidades Empíricas

IV. Identificación y Estimación

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Motivación

- Medina et al. (2010); Gaviria et al. (2010): Capitalización de los costos del crimen en el valor de la propiedad.
- Medina et al. (2010): tasa de homicidios no relacionada con “*Life Satisfaction*”
- “*Life Satisfaction*”: concepto más amplio de *bienestar*



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Revisión de la Literatura

- El estudio del vínculo entre la victimización y la satisfacción con la vida ha sido estudiado ampliamente por la psicología.
- Particularmente, se ha indagado por la relación existente entre algunas características del barrio (físicas, económicas y sociales) y la calidad de vida.
- Se destacan dos teorías fundamentales:
 - Wilson y Kelling (1982): “Broken Windows” (señales visuales)
 - Sampson y Raudenbush (2004): “Collective Efficacy Perspective” (Cohesión formal e informal -en especial ésta última-)



Revisión de la Literatura

- Esta percepción de desorden físico y social ha sido asociada a:
 - Fanzini et al. (2008): Desorden físico observado (condiciones de algunas estructuras públicas y privadas) y basuras
 - Latkin et al. (2009): Composición estructural de la población del Barrio (Composición racial, vínculos informales entre la población)



Revisión de la Literatura

- Recientemente los economistas ha revisado el concepto de “felicidad” y “bienestar”. (Easterlin, 1974; Blanchflower and Oswald, 2004; Clark and Oswald, 1994; Layard, 2005)
- Particularmente, el análisis entre “bienestar” y satisfacción con la vida, y el crimen no ha sido abordado a fondo, aunque recientemente ha venido tomando fuerza.



Revisión de la Literatura

- Di Tella et al. (2008)
 - Emplea información de la Encuesta Mundial de Gallup
 - Encuentra que individuos que han experimentado crímenes contra la propiedad o asaltos en los últimos 12 meses tienen menores niveles de bienestar .
 - Bienestar subjetivo y distintas preguntas que miden el grado de felicidad, como si la persona había sonreído el día anterior, ó si quiere más días como el anterior.



Revisión de la Literatura

- Cohen (2008): analiza la “US General Social Survey” que entrevista a 2,800 individuos anualmente, con información disponible de satisfacción con la vida.
 - Encuentra que las tasas de crímenes (distintas medidas) tienen un impacto pequeño sobre la satisfacción con la vida de los individuos.
 - Igual sucede con la percepción de seguridad del barrio, una vez se controla por victimización.
 - Cohen (2008) explica que estos efectos pueden deberse a que para aquellas personas que viven en barrios inseguros, son compensados con precios y rentas de las casas menores, por el mayor riesgo de victimización.



Revisión de la Literatura

- Michalos y Zumbo (2000):
 - Impacto negativo entre victimización y miedo, con LS.
 - Factores relacionados con el crimen terminan desplazados por otros mas importantes como satisfacción con la familia, salud, valoración propia, entre otros.
- Powdthavee (2005) Investiga si personas victimas de crímenes tienen un menor nivel de bienestar en términos subjetivos, para Sur África Post-Apartheid.
 - Controlando por distintas variables demográficas y socio-económicos: (i) grandes diferencias entre victimas de crímenes y no victimas, (ii) efecto mayor sobre los hombres que sobre las mujeres.



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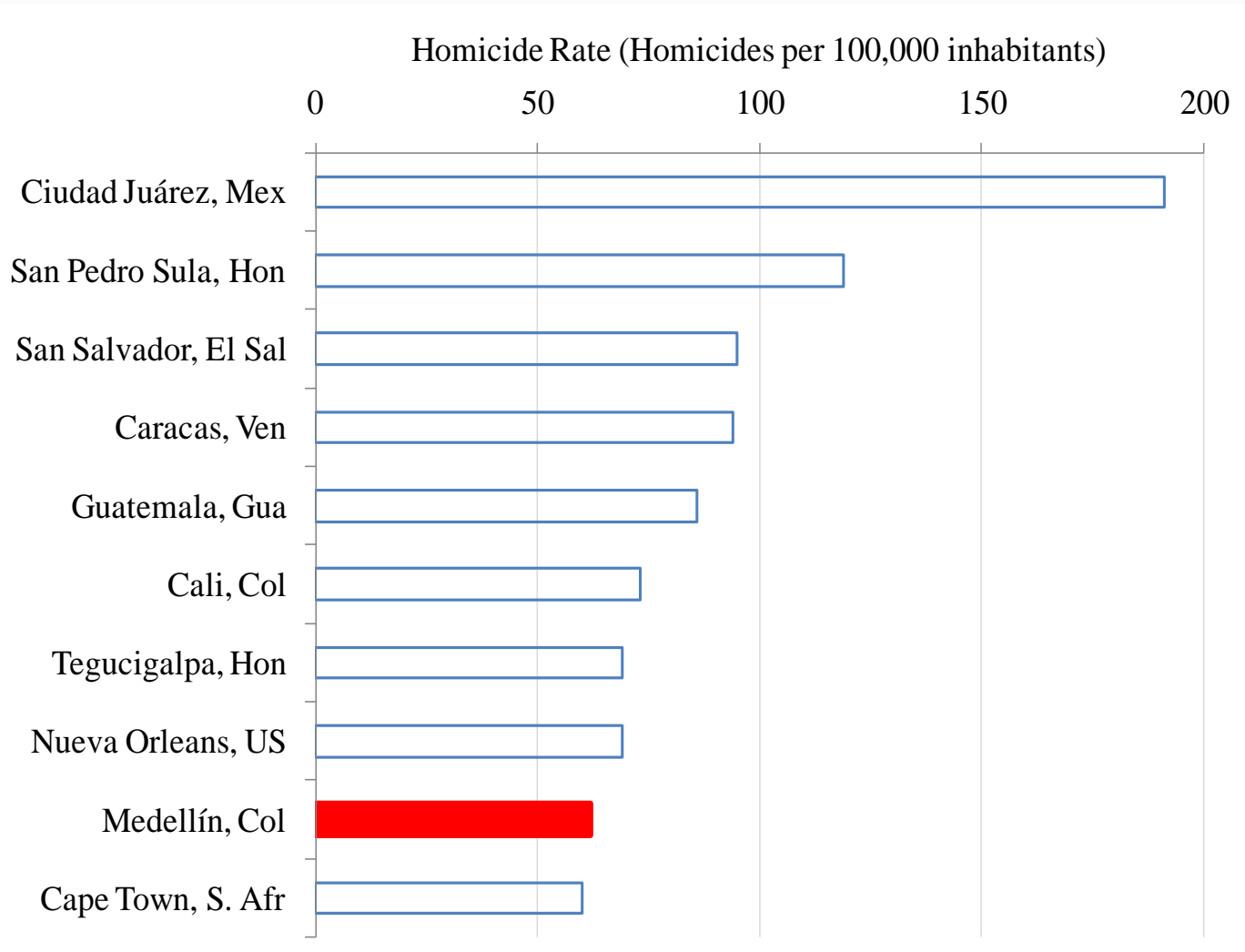
Regularidades Empíricas

- Fuentes principales:
 - Censo Poblacional (2005) (DANE)
 - Encuesta de Calidad de Vida Medellín (2008) (Municipio de Medellín). Con 18,500 hogares en Medellín para los 6 estratos (Ver Mapa)
 - Policía Nacional (SIJIN)



Regularidades Empíricas

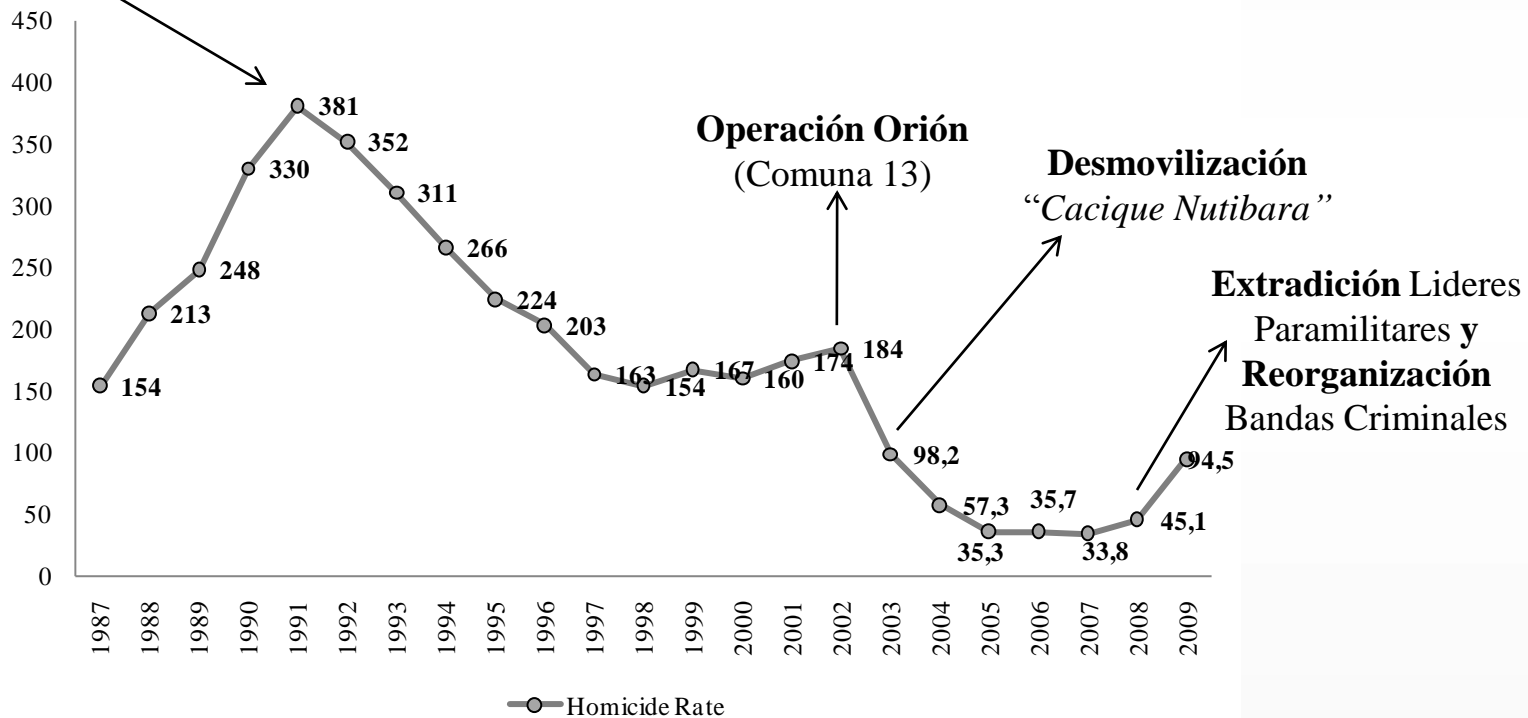
Ciudades con las más Altas Tasas de Homicidio



Regularidades Empíricas

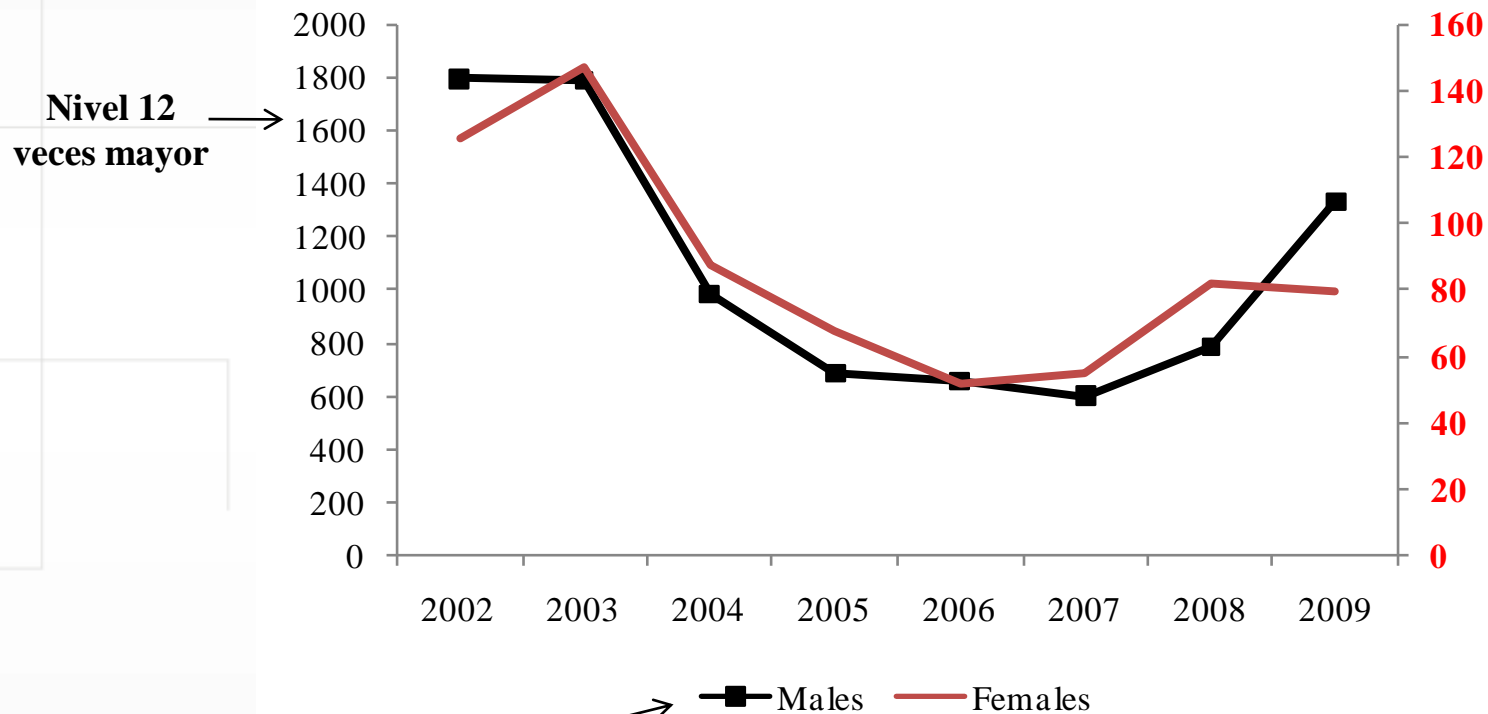
Tasa de Homicidio en Medellín (Homicidios por 100,000 Habitantes)

Cartel de Medellín



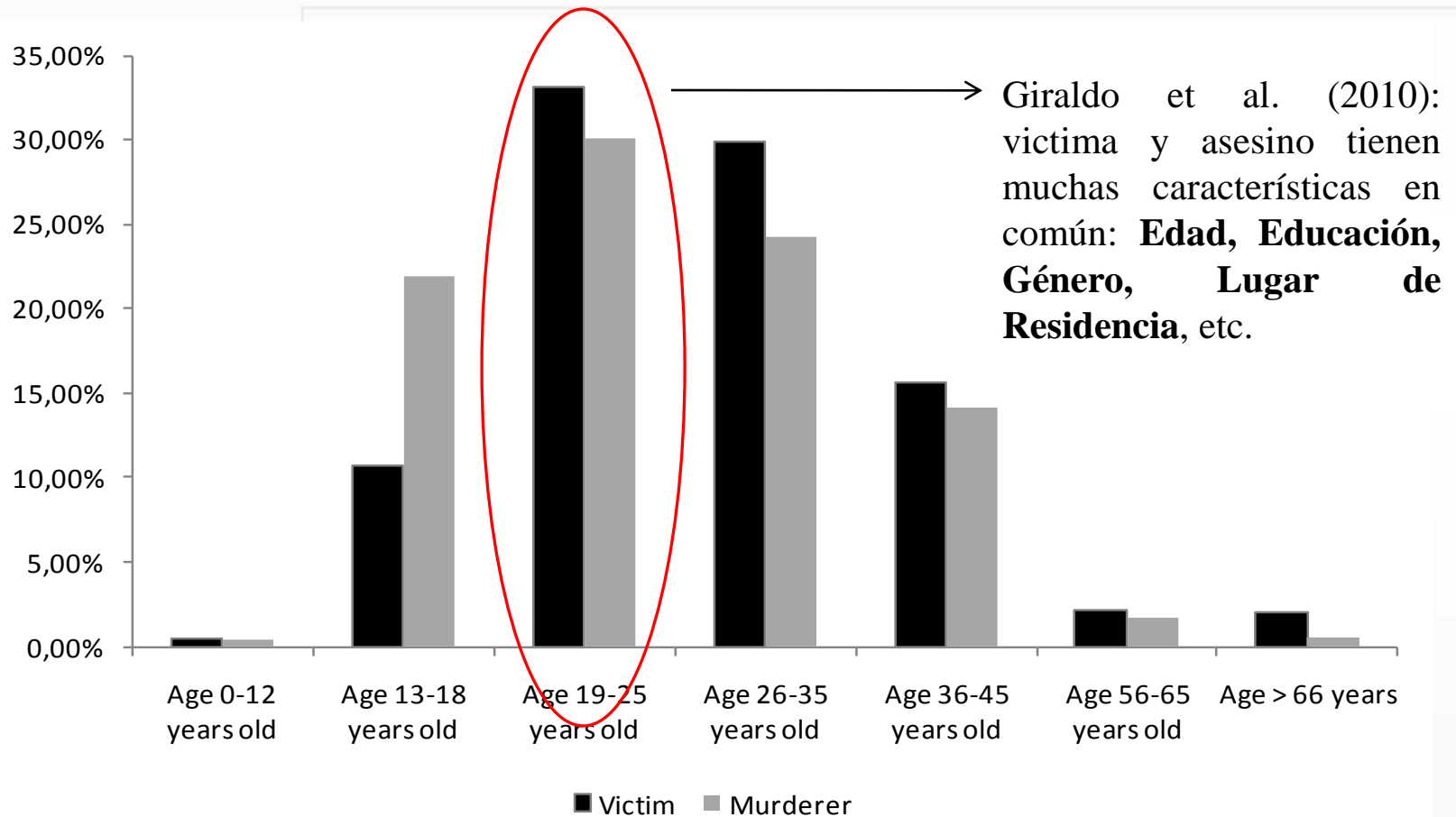
Regularidades Empíricas

Tasa de Homicidio por Género.



Regularidades Empíricas

Edad de la Víctima y del Asesino Capturado en Flagrancia



Regularidades Empíricas

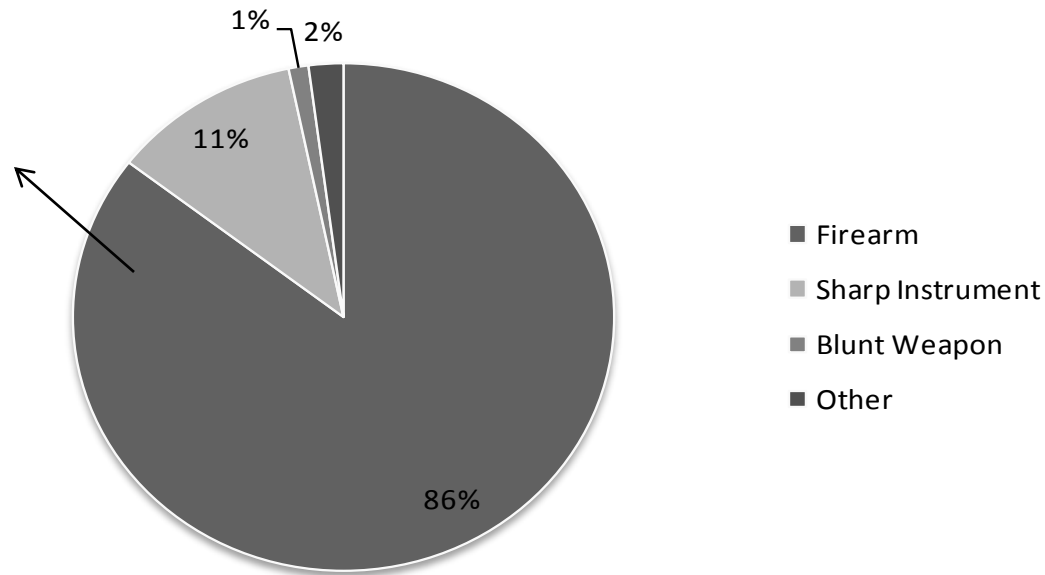
- Lo anterior sugiere:
 - Violencia en Medellín no se debe a un problema de delincuencia común.
 - Sus características hacen referencia a un **Problema de Crimen Organizado**, en el cual el **Control Territorial** juega un papel fundamental.



Regularidades Empíricas

Tipo de Arma Empleada en el Homicidio

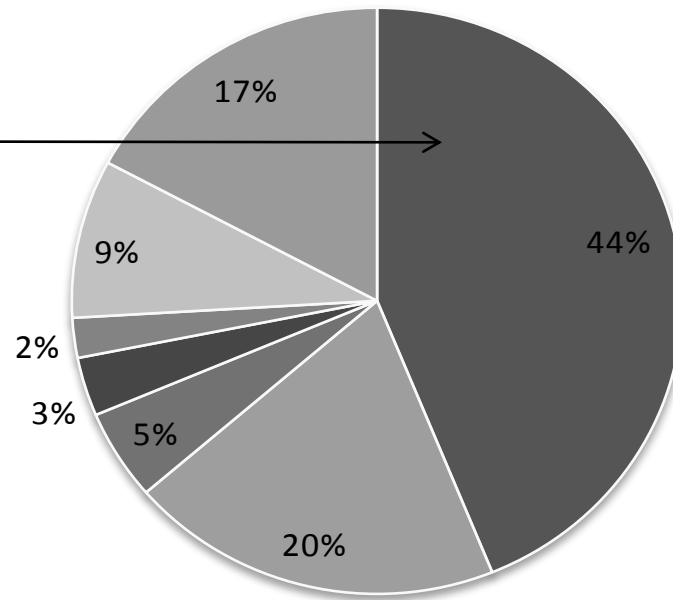
Cohen y Rubio (2007):
Número de homicidios cometidos con **armas de fuego en LA es 3 veces más alto** que el resto del mundo.



Regularidades Empíricas

Tipo de Captura

Problema Agudo de Drogas

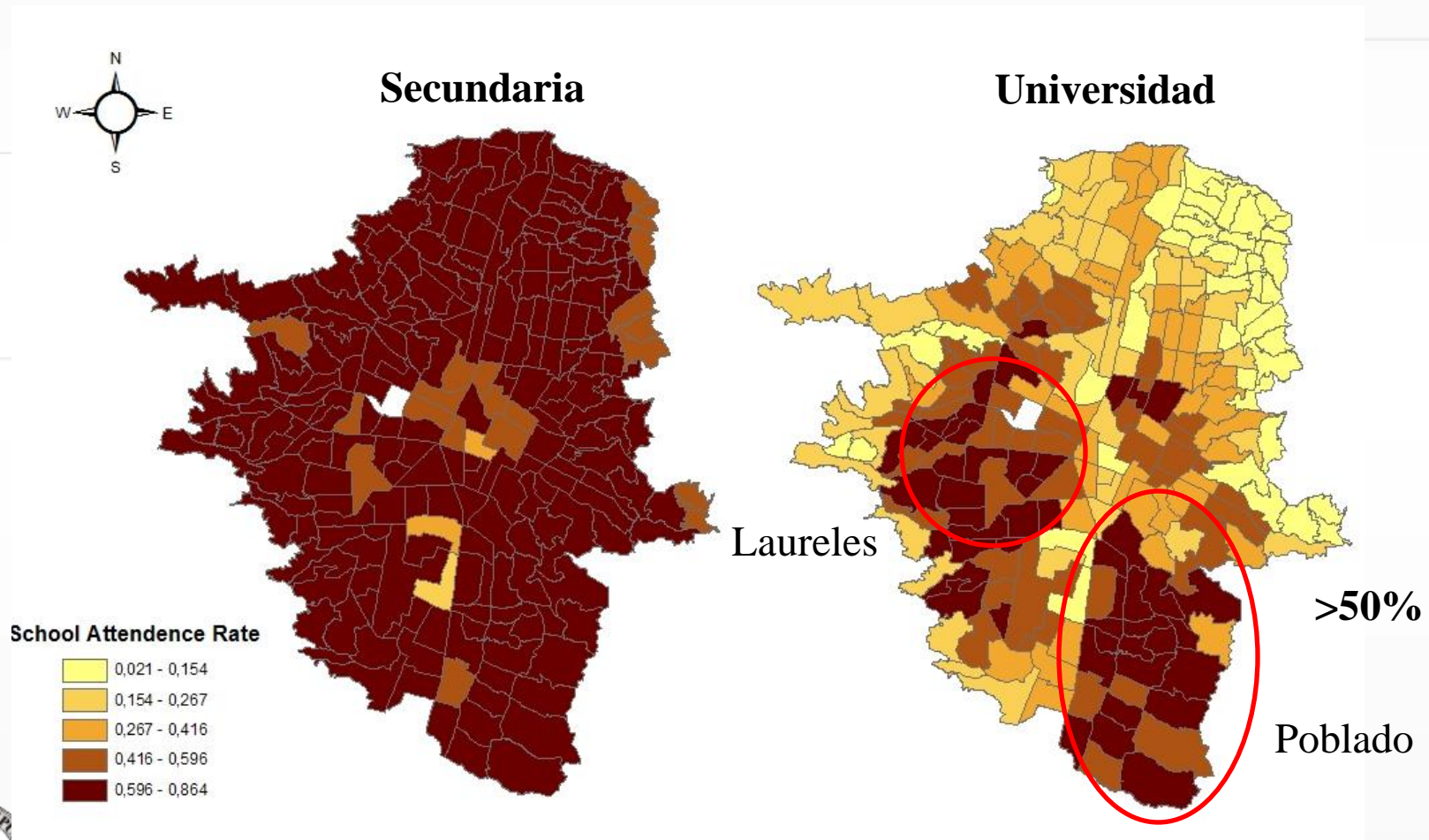


- Drug trafficking
- Robbery and Mugged
- Intrafamiliar Violence
- Common Injures
- Homicide
- Bear of Arms
- Others



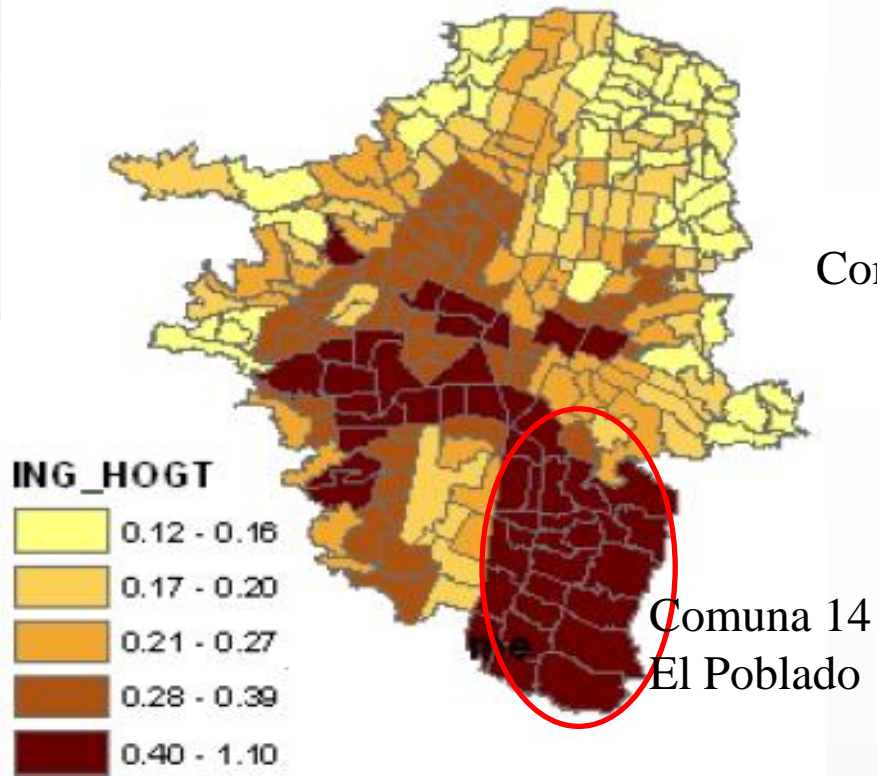
Regularidades Empíricas

Tasa de Asistencia Escolar, 2005

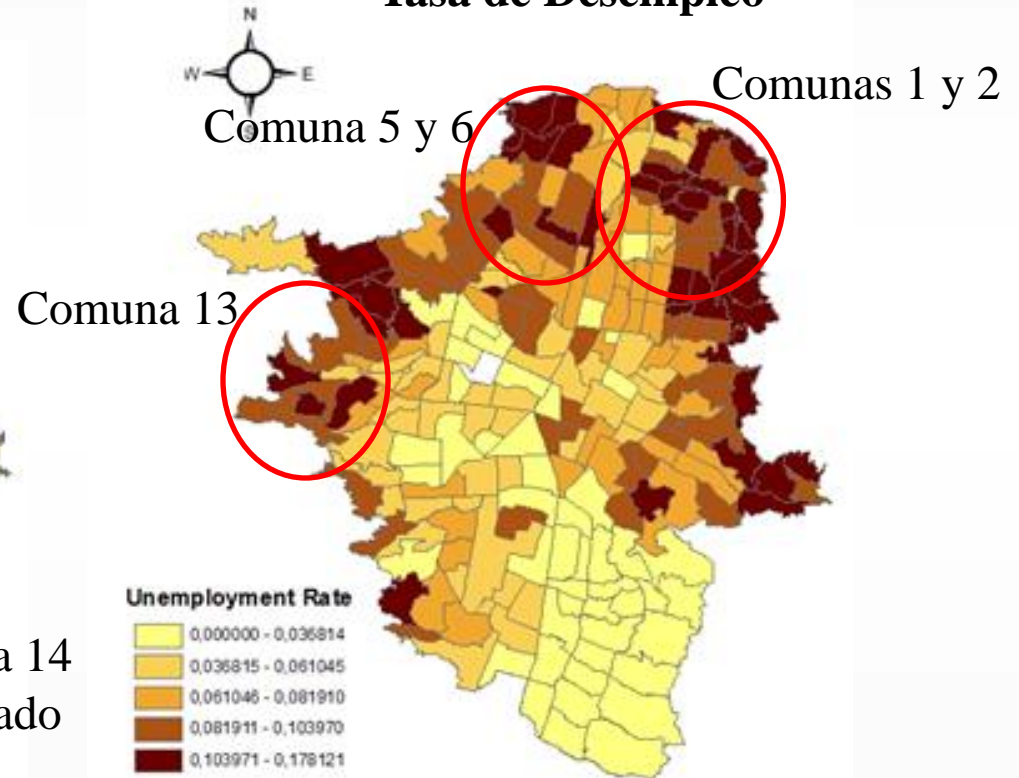


Regularidades Empíricas

Ingreso del Hogar

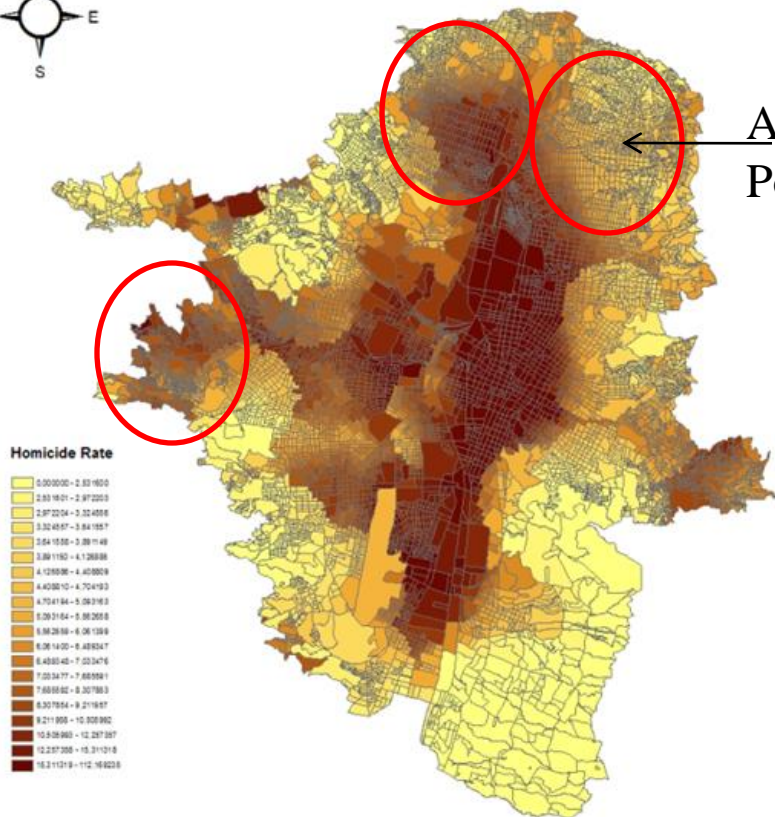
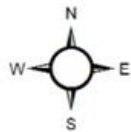


Tasa de Desempleo



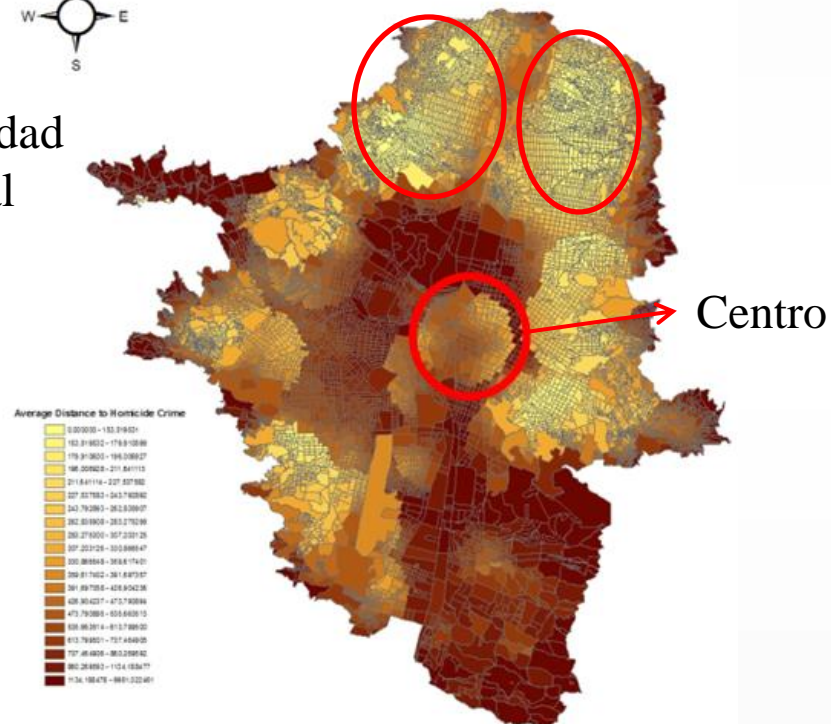
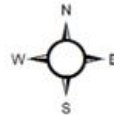
Regularidades Empíricas

Tasa de Homicidio



Alta Densidad Poblacional

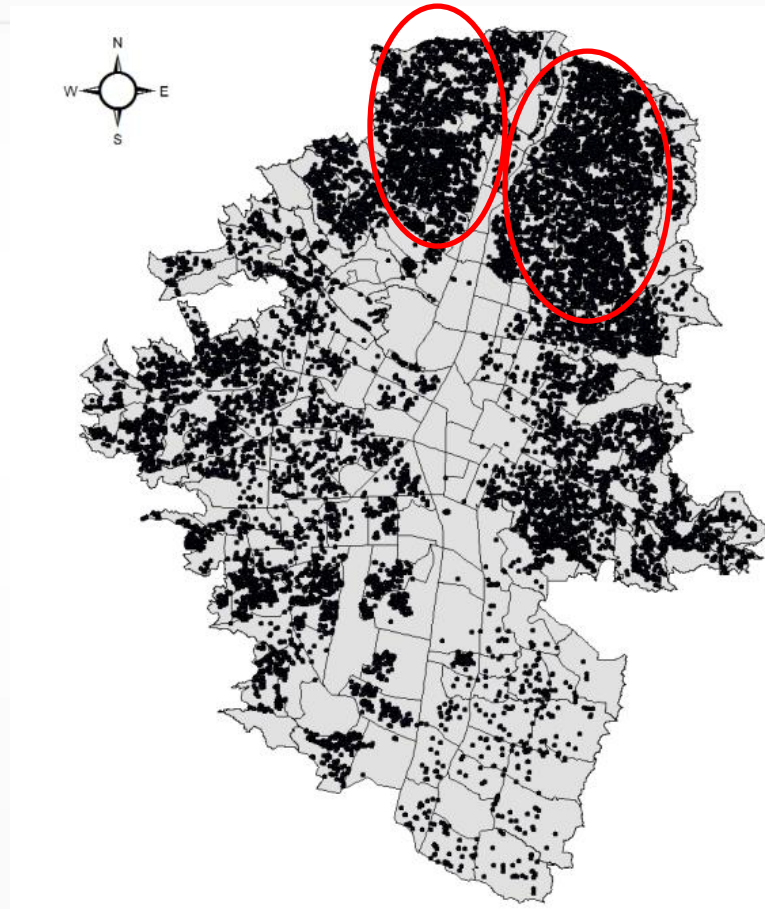
Distancia Promedio Homicidios Cometidos



Centro

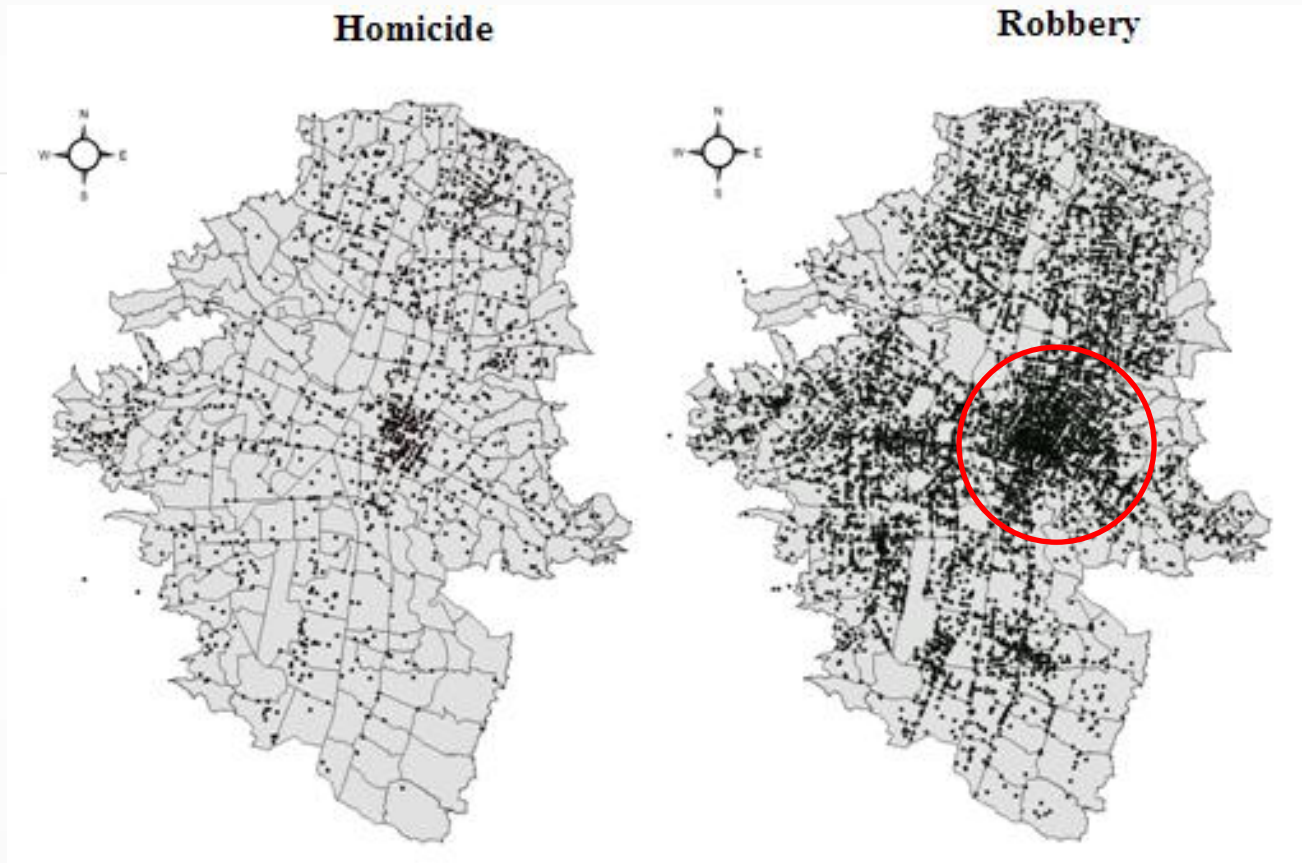
Regularidades Empíricas

Distribución Espacial Individuos Encuestas ECV2008



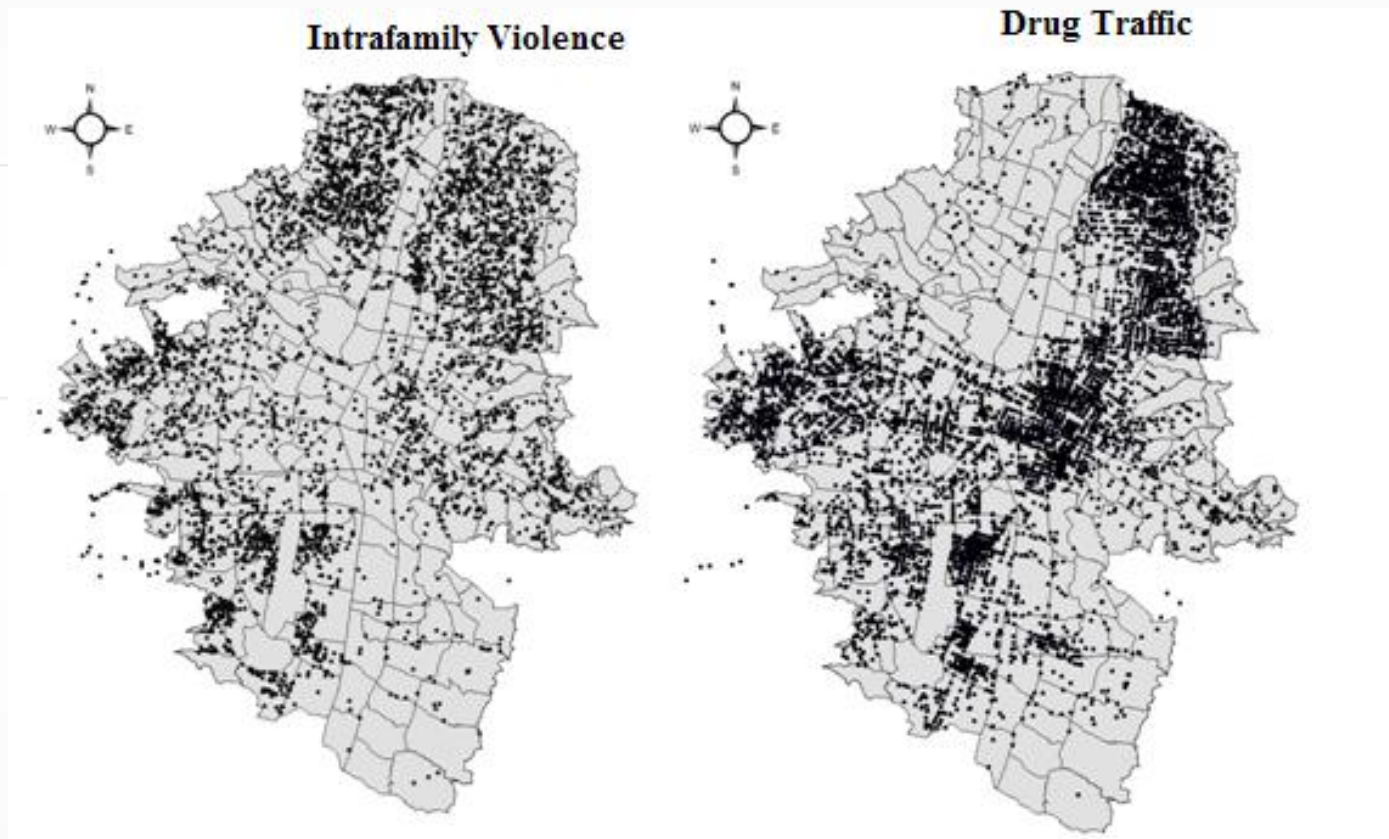
Regularidades Empíricas

Criminales Capturados en Flagrancia



Regularidades Empíricas

Criminales Capturados en Flagrancia



Regularidades Empíricas

- La Encuesta de Calidad de Vida de Medellín, ECVM, para el 2008 provee una oportunidad para analizar los patrones de Crimen, victimización, percepciones de seguridad y Satisfacción con la vida de los hogares.
- LA ECVM realiza la siguiente pregunta: “Actualmente, las condiciones de vida en su hogar son ? Muy buenas, Buenas, Regulares, Malas y Muy Malas”
- Adicionalmente pregunta: “¿Como se siente en el barrio-vereda donde vive? Muy Seguro, Seguro, Inseguro y Muy Inseguro”



Regularidades Empíricas

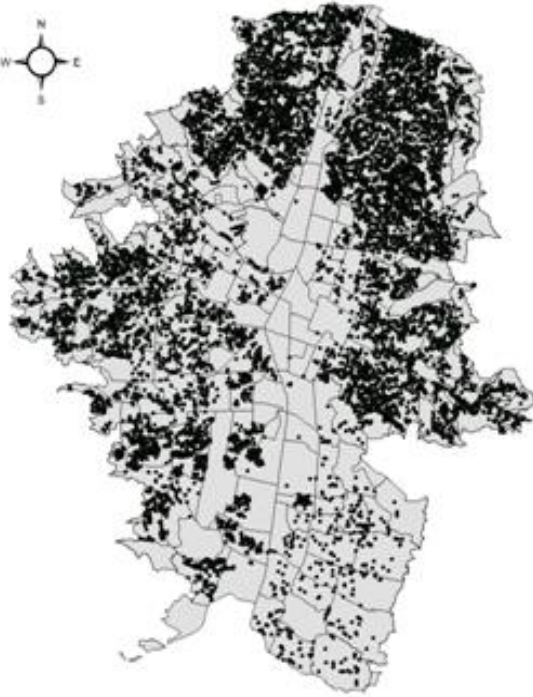
- La ECVM también realiza la siguiente pregunta: “Durante los últimos 12 meses, usted o algún miembro de su familia ha sido víctima de algún hecho criminal? ¿Cual?”



Regularidades Empíricas

Percepciones Condiciones de Vida

"Good" and
"Very Good"



"Regular"



"Bad" and
"Very Bad"



Regularidades Empíricas

Algunas Variables Estadísticas y Percepciones del Hogar

| Socioeconomic Stratum | Number of Households | Good Quality Life Perceptions | Good Security Neighborhood Perceptions | Victimization |
|-----------------------|----------------------|-------------------------------|--|---------------|
| 1 | 1,994 | 59.8 | 79.9 | 8.2 |
| 2 | 6,505 | 70.9 | 88.0 | 8.1 |
| 3 | 5,803 | 80.1 | 88.7 | 8.3 |
| 4 | 2,012 | 91.5 | 83.5 | 10.3 |
| 5 | 1,501 | 95.9 | 85.7 | 8.1 |
| 6 | 776 | 97.8 | 94.7 | 6.1 |
| Total | 18,591 | 78.0 | 87.0 | 8.3 |



Regularidades Empíricas

Percepciones del Hogar y Edad

| Age | Good Quality Life Perceptions | Good Security Neighborhood Perceptions | Victimization |
|---------------|-------------------------------|--|---------------|
| 20-30 years | 80.4 | 86.0 | 9.3 |
| 30-40 years | 77.2 | 85.5 | 9.1 |
| 40-50 years | 77.4 | 85.6 | 9.5 |
| 50-60 years | 78.1 | 87.1 | 9.0 |
| 60-70 years | 78.2 | 87.5 | 7.0 |
| More 70 years | 77.4 | 88.7 | 6.0 |
| Total | 78.0 | 87.0 | 8.3 |



Regularidades Empíricas

Percepciones del Hogar e Ingresos del Hogar (Quintiles)

| Quintile | Good Quality Life Perceptions | Good Security Neighborhood Perceptions | Victimization |
|----------|-------------------------------|--|---------------|
| 1 | 77.9 | 86.9 | 7.5 |
| 2 | 60.4 | 83.4 | 8.8 |
| 3 | 72.4 | 85.8 | 8.5 |
| 4 | 80.6 | 87.0 | 8.3 |
| 5 | 89.5 | 88.7 | 10.1 |
| Total | 78.0 | 87.0 | 8.3 |



Regularidades Empíricas: **Conclusiones**

- El crimen en Medellín es un **crimen organizado**, en lucha de un control territorial.
- Un problema fundamental de la incidencia del crimen en Medellín es el **uso de armas de fuego**. Gaviria et al. (2010), argumenta que un problema del crimen en Colombia es el fácil acceso a un arma de fuego. Krug et al. (2002) muestra que el incremento del número de homicidios en los noventa estuvo asociado al mayor uso de armas de fuego en su ejecución.
- Existe un problema agudo de **educación en niveles de final secundaria-superior**, con altas tasas de abandono.



Regularidades Empíricas

- De hecho, Gaviria et al. (2010) encontró que barrios con altas tasas de fecundidad adolescente, baja asistencia escolar en secundaria y altas tasas de homicidio en el momento en que los hijos de las madres adolescentes crecen tienen mayores tasas de homicidio en el futuro”
- Lochner y Moretti (2004), Morrison y Orlando (2005) y Masterov (2007) llegan a conclusiones similares para LA.



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Identificación y Estimación.

- Medina et al. (2010): usan datos para Medellín y Bogotá → Encuentra una relación negativa entre el precio de la vivienda y el crimen (tasa de homicidios), más no sobre el bienestar (*LS*) del hogar.
 - Cohen (2008) no encuentra tampoco efectos del crimen en *LS*
- ⇒ Limitaciones en la estrategia de identificación. Variable relacionada con todo → prácticamente imposible encontrar variables que sirvan de instrumento
- ⇒ Alternativas: (i) controlar por cuantas variables sea posible, (ii) determinar en qué poblaciones sería más probable identificar la relación de interés.



Identificación y Estimación.

- Las decisiones de los individuos de trasladarse a un vecindario específico, consideran sus expectativas sobre las características de las casas y los bienes públicos de los lugares a los cuales potencialmente se pasarían, incluyendo la tasa de homicidios
- ⇒ La endogeneidad por el ordenamiento de los hogares entre vecindarios sería mayor mientras más frecuentemente se pasen los hogares de un vecindario a otro.
- ⇒ *LS* auto-reportada por quienes se pasaron recientemente es más probable que tenga ya descontados los costos que implican las tasas de homicidio de sus vecindarios, que la de quienes llevan en el vecindario varios años, dado que los últimos enfrentan restricciones que les hacen más costoso pasarse a otro vecindario, teniendo que internalizar esa insatisfacción causada por la tasa de homicidios de sus vecindarios.
- ⇒ Potenciales rigideces:
 - Propiedad de la vivienda: requeriría que las personas vendan, y luego compren, una casa.
 - La proximidad a su lugar de trabajo o estudio de sus hijos.



Identificación y Estimación.

- Estrategia de Identificación:
 - Determinar el impacto entre el homicidio y el bienestar de los hogares, diferenciando por aquellos hogares que han vivido por lo menos 10 años en su barrio, y aquellos que han cambiando de residencia recientemente.
 - Se estima un modelo estándar de “*Life Satisfaction*”

$$LS = \alpha_0 + \alpha_1 Y + \alpha_2 Crimen + \alpha_3 H + \alpha_4 A + u$$

- **Y:** Ingreso del Hogar
- **Crimen:** Medida de la tasas de Homicidio
- **H:** Características del Hogar e Individuales
- **A:** Características del Vecindarios
- Tasas de homicidio se estiman a nivel de manzana!! Podemos utilizar efectos fijos de vecindario!



Identificación y Estimación: Muestras Consideradas

| Variable | In Current Neighborhood Less than 10 Years Ago | | In Current Neighborhood 10 or More Years Ago | | | | <i>t</i> -statistic | |
|--|--|-----------|--|-----------|---------------|-----------|---------------------|-----------|
| | | | Always in Current Neighborhood | | Movers | | | |
| | Mean | Std. Dev. | Mean | Std. Dev. | Mean | Std. Dev. | (i)-(iii) | (iii)-(v) |
| | (i) | (ii) | (iii) | (iv) | (v) | (vi) | | |
| Life Satisfaction | 0.8003 | 0.3998 | 0.7885 | 0.4084 | 0.7374 | 0.4401 | 1.71 | 6.43 * |
| Homicide rate | 7.32 | 8.47 | 6.41 | 4.78 | 6.33 | 4.67 | 7.50 * | 0.98 |
| Homicide rate in previous neighborhood | 86.5 | 163.6 | 139.8 | 153.5 | 146.2 | 152.9 | -19.6 * | -2.2 * |
| Distance to crime | 466.0 | 379.2 | 377.1 | 278.7 | 363.4 | 260.4 | 15.4 * | 2.7 * |
| Years living in this place | 3.7 | 2.6 | 38.8 | 18.4 | 25.8 | 13.0 | -166 * | 46 * |
| Safe neighborhood | 0.8668 | 0.3398 | 0.8744 | 0.3314 | 0.8655 | 0.3412 | -1.32 | 1.43 |
| Victim of offense | 0.0918 | 0.2888 | 0.0713 | 0.2573 | 0.0917 | 0.2886 | 4.37 * | -3.97 * |
| Household income | 933,132 | 3,407,075 | 701,320 | 1,484,833 | 587,428 | 1,532,429 | 4.98 * | 4.06 * |
| Number of persons in household | 3.71 | 1.69 | 3.86 | 1.73 | 3.79 | 1.90 | -4.89 * | 1.89 |
| Age | 45.89 | 14.76 | 52.49 | 15.47 | 58.44 | 14.76 | -25.6 * | -21.4 * |
| Age ² | 2,324 | 1,467 | 2,995 | 1,702 | 3,634 | 1,731 | -24.9 * | -20.0 * |
| Socioeconomic stratum 1 | 0.1038 | 0.3050 | 0.0880 | 0.2834 | 0.1439 | 0.3510 | 3.13 * | -9.22 * |
| Socioeconomic stratum 2 | 0.2821 | 0.4501 | 0.3730 | 0.4836 | 0.4012 | 0.4902 | -11.4 * | -3.1 * |
| Socioeconomic stratum 3 | 0.2875 | 0.4526 | 0.3513 | 0.4774 | 0.2799 | 0.4490 | -8.1 * | 8.4 * |
| Socioeconomic stratum 4 | 0.1471 | 0.3542 | 0.0900 | 0.2862 | 0.0876 | 0.2827 | 10.3 * | 0.5 |
| Socioeconomic stratum 5 or 6 | 0.1796 | 0.3839 | 0.0977 | 0.2969 | 0.0874 | 0.2824 | 13.8 * | 1.9 |
| Male | 0.6609 | 0.4735 | 0.6063 | 0.4886 | 0.5656 | 0.4957 | 6.6 * | 4.5 * |
| Household head with primary | 0.2641 | 0.4409 | 0.3496 | 0.4769 | 0.3671 | 0.4821 | -11.0 * | -2.0 * |
| Household head with secondary | 0.3382 | 0.4731 | 0.3189 | 0.4661 | 0.2157 | 0.4113 | 2.4 * | 12.9 * |
| Hhold head with technique education | 0.0739 | 0.2617 | 0.0514 | 0.2209 | 0.0360 | 0.1863 | 5.4 * | 4.2 * |
| Household head single | 0.1822 | 0.3860 | 0.1692 | 0.3750 | 0.1557 | 0.3626 | 1.98 * | 1.99 * |
| Household head married | 0.3913 | 0.4881 | 0.4249 | 0.4944 | 0.4097 | 0.4918 | -4.0 * | 1.7 |
| Household head separated | 0.1087 | 0.3113 | 0.1062 | 0.3081 | 0.1064 | 0.3084 | 0.47 | -0.04 |
| Household head lives with partner | 0.2280 | 0.4196 | 0.1475 | 0.3546 | 0.1204 | 0.3254 | 12.0 * | 4.3 * |

Identificación y Estimación: Muestras Consideradas

| Variable | In Current Neighborhood Less than 10 Years Ago | | In Current Neighborhood 10 or More Years Ago | | | | t -statistic | |
|--------------------------------------|--|-----------|--|-----------|--------|-----------|--------------|-----------|
| | | | Always in Current Neighborhood | | Movers | | | |
| | Mean | Std. Dev. | Mean | Std. Dev. | Mean | Std. Dev. | (i)-(iii) | (iii)-(v) |
| | (i) | (ii) | (iii) | (iv) | (v) | (vi) | | |
| Employed | 0.6924 | 0.4615 | 0.5825 | 0.4932 | 0.4832 | 0.4998 | 13.5 * | 10.8 * |
| Unemployed | 0.0361 | 0.1865 | 0.0343 | 0.1820 | 0.0210 | 0.1434 | 0.57 | 4.51 * |
| Household occupation Rate | 0.4200 | 0.2885 | 0.3857 | 0.2701 | 0.3619 | 0.2791 | 7.2 * | 4.6 * |
| Household unemployment Rate | 0.0430 | 0.1282 | 0.0421 | 0.1243 | 0.0415 | 0.1207 | 0.42 | 0.28 |
| Home ownership, house totally paid | 0.3513 | 0.4774 | 0.6642 | 0.4723 | 0.6978 | 0.4593 | -38.6 * | -3.9 * |
| Home ownership, house partially paid | 0.0676 | 0.2511 | 0.0294 | 0.1689 | 0.0326 | 0.1775 | 10.2 * | -1.0 |
| Tenant | 0.5413 | 0.4983 | 0.2349 | 0.4239 | 0.2037 | 0.4028 | 38.4 * | 4.1 * |
| House with fixed phone line | 0.8994 | 0.3008 | 0.9096 | 0.2867 | 0.9163 | 0.2770 | -2.03 * | -1.27 |
| House with electricity | 0.9612 | 0.1932 | 0.9704 | 0.1696 | 0.9694 | 0.1723 | -2.94 * | 0.31 |
| House with aqueduct | 0.9483 | 0.2214 | 0.9546 | 0.2081 | 0.9537 | 0.2101 | -1.71 | 0.23 |
| House with sewerage | 0.9573 | 0.2023 | 0.9640 | 0.1862 | 0.9621 | 0.1910 | -2.03 * | 0.56 |
| House with gas for cooking | 0.4708 | 0.4992 | 0.4537 | 0.4979 | 0.4498 | 0.4975 | 2.00 * | 0.43 |
| House with natural gas | 0.4847 | 0.4998 | 0.4771 | 0.4995 | 0.4616 | 0.4986 | 0.90 | 1.68 |
| House with internet | 0.3562 | 0.4789 | 0.2824 | 0.4502 | 0.2388 | 0.4264 | 9.3 * | 5.4 * |
| House with cable TV | 0.7124 | 0.4527 | 0.6854 | 0.4644 | 0.6592 | 0.4740 | 3.5 * | 3.0 * |
| Number of rooms in household | 0.3763 | 0.7192 | 0.3038 | 0.6969 | 0.4080 | 0.7922 | 6.0 * | -7.4 * |
| Enrolled in private health insurance | 0.7275 | 0.4453 | 0.6968 | 0.4597 | 0.6815 | 0.4659 | 4.0 * | 1.8 |
| Enrolled in public health insurance | 0.1609 | 0.3674 | 0.2044 | 0.4033 | 0.2354 | 0.4243 | -6.6 * | -4.0 * |
| Enrolled in pension fund | 0.2694 | 0.4437 | 0.2212 | 0.4151 | 0.1656 | 0.3717 | 6.5 * | 7.7 * |
| Good health | 0.8721 | 0.3341 | 0.8485 | 0.3586 | 0.7377 | 0.4399 | 4.0 * | 14.5 * |
| Educational attainment | 8.95 | 5.12 | 7.72 | 4.85 | 6.06 | 5.01 | 14 * | 18 * |
| Number of observations | 6,154 | | 7,747 | | 4,669 | | | |



Identificación y Estimación: Muestras Consideradas

- *Recent movers* tienen mejor calidad de vida que quienes se han acentado, y quienes se han acentado mejor que *previous movers* (ingreso, fracción de jefes empleados, buena salud, beneficiario de seguro de salud privado o fondo de pensiones, asistencia escolar, tenencia de internet o cable TV, tasa de ocupación, fracción en estratos 5 y 6, y LS).
- *Previous movers*: hoy viven en barrios con menores tasas de homicidio, pero en el barrio que vivían previamente había mayores tasas de homicidio.
- Son más probablemente dueños de sus casas (70% vs. 35% de *recent movers*)
 - ⇒ En línea con hipótesis sobre la existencia de rigideces para que los hogares se pasen de un vecindario a otro



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IV. Identificación y Estimación

- **Resultados: “Life Satisfaction”**
- Resultados: “Very Happy”
- Resultados: Victimización

V. Conclusiones



| Variable | All Sample | | | | | | | | | | | |
|--------------------------------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| | coef | se | coef | se | coef | se | coef | se | coef | se | coef | se |
| | (i) | | (ii) | | (iii) | | (iv) | | (v) | | (vi) | |
| Homicide rate | 0.006* | 0.004 | 0.007*** | 0.004 | 0.002 | 0.006 | 0.003 | 0.006 | 0.001 | 0.005 | 0.004 | 0.007 |
| Capture Rate / Homicide Rate | 0.032 | 0.153 | 0.207 | 0.150 | 0.120 | 0.228 | 0.106 | 0.228 | 0.098 | 0.210 | -0.170 | 0.242 |
| Distance to crime | 0.000* | 0.000 | 0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 |
| Years living in this place | -0.000 | 0.001 | 0.001* | 0.001 | 0.001*** | 0.001 | 0.002*** | 0.001 | 0.002*** | 0.001 | 0.002*** | 0.001 |
| Safe neighborhood | 0.314*** | 0.035 | 0.290*** | 0.034 | 0.272*** | 0.032 | | | | | 0.253*** | 0.037 |
| Victim of offense | -0.198*** | 0.041 | -0.231*** | 0.045 | -0.213*** | 0.047 | -0.270*** | 0.047 | -0.305*** | 0.048 | -0.238*** | 0.049 |
| Household income | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 |
| Number of persons in household | -0.067*** | 0.007 | -0.069*** | 0.007 | -0.069*** | 0.007 | -0.069*** | 0.007 | -0.082*** | 0.007 | -0.071*** | 0.008 |
| Age | -0.003 | 0.004 | -0.005 | 0.004 | -0.010*** | 0.005 | -0.010*** | 0.005 | -0.017*** | 0.005 | -0.017*** | 0.005 |
| Age2 | 0.000** | 0.000 | 0.000 | 0.000 | 0.000** | 0.000 | 0.000** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 |
| Male | 0.093*** | 0.030 | 0.096*** | 0.032 | 0.118*** | 0.033 | 0.121*** | 0.033 | 0.131*** | 0.033 | 0.119*** | 0.036 |
| Household head with primary | -0.105*** | 0.030 | -0.065*** | 0.031 | -0.064** | 0.033 | -0.063** | 0.033 | -0.015 | 0.034 | -0.042 | 0.037 |
| Household head with secondary | -0.084*** | 0.040 | -0.036 | 0.040 | -0.041 | 0.042 | -0.037 | 0.042 | 0.035 | 0.046 | -0.019 | 0.051 |
| Hhold head with technique education | 0.010 | 0.073 | 0.048 | 0.075 | 0.016 | 0.077 | 0.014 | 0.077 | 0.063 | 0.079 | -0.026 | 0.092 |
| Household head single | -0.243*** | 0.041 | -0.232*** | 0.040 | -0.240*** | 0.042 | -0.235*** | 0.041 | -0.186*** | 0.043 | -0.152*** | 0.047 |
| Household head married | 0.050 | 0.041 | 0.058 | 0.043 | 0.031 | 0.044 | 0.029 | 0.044 | -0.004 | 0.045 | 0.004 | 0.051 |
| Household head separated | -0.240*** | 0.043 | -0.237*** | 0.046 | -0.252*** | 0.048 | -0.252*** | 0.048 | -0.232*** | 0.049 | -0.185*** | 0.050 |
| Household head lives with partner | -0.199*** | 0.046 | -0.141*** | 0.047 | -0.137*** | 0.049 | -0.137*** | 0.050 | -0.109*** | 0.051 | -0.067 | 0.055 |
| Educational attainment | 0.071*** | 0.004 | 0.052*** | 0.004 | 0.044*** | 0.004 | 0.044*** | 0.004 | 0.027*** | 0.004 | 0.021*** | 0.005 |
| House with fixed phone line | | | | | 0.397*** | 0.046 | 0.396*** | 0.046 | 0.293*** | 0.046 | 0.247*** | 0.051 |
| House with electricity | | | | | -0.166 | 0.121 | -0.178* | 0.119 | -0.183* | 0.116 | -0.202* | 0.136 |
| House with aqueduct | | | | | 0.407*** | 0.074 | 0.418*** | 0.073 | 0.363*** | 0.075 | 0.324*** | 0.074 |
| House with sewerage | | | | | -0.048 | 0.107 | -0.038 | 0.105 | -0.045 | 0.104 | -0.030 | 0.121 |
| Number of rooms in household | | | | | -0.044*** | 0.020 | -0.047*** | 0.020 | -0.052*** | 0.021 | -0.042** | 0.023 |
| Socioeconomic stratum 2 | | | | | | | | | 0.037 | 0.068 | -0.007 | 0.071 |
| Socioeconomic stratum 3 | | | | | | | | | 0.163** | 0.088 | 0.058 | 0.097 |
| Socioeconomic stratum 4 | | | | | | | | | 0.568*** | 0.133 | 0.413*** | 0.146 |
| Socioeconomic stratum 5 or 6 | | | | | | | | | 0.885*** | 0.156 | 0.681*** | 0.166 |
| Homeownership, house totally paid | | | | | | | | | 0.296*** | 0.047 | 0.254*** | 0.051 |
| Homeownership, house partially paid | | | | | | | | | 0.117* | 0.073 | 0.063 | 0.080 |
| Tenant | | | | | | | | | 0.233*** | 0.056 | 0.202*** | 0.062 |
| House with gas for cooking | | | | | | | | | -0.021 | 0.067 | 0.015 | 0.068 |
| House with natural gas | | | | | | | | | 0.200*** | 0.071 | 0.173*** | 0.074 |
| House with internet | | | | | | | | | 0.359*** | 0.034 | 0.310*** | 0.036 |
| House with cable TV | | | | | | | | | 0.328*** | 0.029 | 0.292*** | 0.031 |
| Employed | | | | | | | | | | | -0.181*** | 0.040 |
| Unemployed | | | | | | | | | | | -0.484*** | 0.086 |
| Household occupation Rate | | | | | | | | | | | 0.382*** | 0.067 |
| Household unemployment Rate | | | | | | | | | | | -0.420*** | 0.127 |
| Enrolled in private health insurance | | | | | | | | | | | 0.251*** | 0.046 |
| Enrolled in public health insurance | | | | | | | | | | | -0.115*** | 0.046 |
| Enrolled in pension fund | | | | | | | | | | | 0.103*** | 0.040 |
| Good health | | | | | | | | | | | 0.539*** | 0.035 |
| Constant | 0.114 | 0.145 | 0.362*** | 0.150 | -0.342 | 0.388 | -0.130 | 0.396 | -0.053 | 0.393 | -0.421 | 0.449 |
| FE Past Neighborhood | | No | | Yes | | Yes | | Yes | | Yes | | Yes |
| FE Current Neighborhood | | No | | No | | Yes | | Yes | | Yes | | Yes |
| N | 18,715 | | 18,250 | | 17,936 | | 17,936 | | 17,936 | | 15,228 | |

| Variable | Living in Current Neighborhood 10 or More Years Ago | | | | | | | | | | | |
|--------------------------------------|---|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| | coef | se | coef | se | coef | se | coef | se | coef | se | coef | se |
| | (vii) | | (viii) | | (ix) | | (x) | | (xi) | | (xii) | |
| Homicide rate | 0.006 | 0.005 | -0.006 | 0.005 | -0.007 | 0.005 | -0.007 | 0.006 | -0.009* | 0.006 | -0.003 | 0.009 |
| Capture Rate / Homicide Rate | -0.053 | 0.171 | -0.058 | 0.283 | -0.073 | 0.283 | -0.103 | 0.284 | -0.069 | 0.269 | -0.496** | 0.296 |
| Distance to crime | 0.000* | 0.000 | -0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | -0.000 | 0.000 | 0.000 | 0.000 |
| Years living in this place | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002*** | 0.001 | 0.002** | 0.001 |
| Safe neighborhood | 0.288*** | 0.043 | 0.256*** | 0.041 | 0.245*** | 0.040 | | | | | 0.193*** | 0.044 |
| Victim of offense | -0.139*** | 0.052 | -0.171*** | 0.056 | -0.146*** | 0.054 | -0.200*** | 0.054 | -0.230*** | 0.054 | -0.160*** | 0.061 |
| Household income | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000** | 0.000 |
| Number of persons in household | -0.063*** | 0.009 | -0.066*** | 0.009 | -0.062*** | 0.009 | -0.062*** | 0.009 | -0.079*** | 0.009 | -0.069*** | 0.009 |
| Age | 0.002 | 0.005 | -0.002 | 0.005 | -0.004 | 0.006 | -0.004 | 0.006 | -0.012*** | 0.006 | -0.011** | 0.006 |
| Age2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000** | 0.000 | 0.000** | 0.000 |
| Male | 0.082*** | 0.035 | 0.090*** | 0.037 | 0.106*** | 0.037 | 0.108*** | 0.037 | 0.115*** | 0.036 | 0.105*** | 0.040 |
| Household head with primary | -0.094*** | 0.038 | -0.036 | 0.040 | -0.037 | 0.040 | -0.036 | 0.040 | 0.022 | 0.041 | -0.005 | 0.042 |
| Household head with secondary | -0.077 | 0.055 | -0.016 | 0.056 | -0.024 | 0.056 | -0.020 | 0.056 | 0.072 | 0.058 | -0.012 | 0.063 |
| Hhold head with technique education | 0.024 | 0.096 | 0.083 | 0.105 | 0.069 | 0.105 | 0.062 | 0.104 | 0.140 | 0.109 | 0.045 | 0.123 |
| Household head single | -0.260*** | 0.046 | -0.257*** | 0.046 | -0.253*** | 0.047 | -0.249*** | 0.047 | -0.195*** | 0.050 | -0.153*** | 0.055 |
| Household head married | 0.060 | 0.050 | 0.058 | 0.051 | 0.030 | 0.051 | 0.029 | 0.051 | -0.005 | 0.052 | 0.005 | 0.057 |
| Household head separated | -0.291*** | 0.050 | -0.305*** | 0.053 | -0.298*** | 0.052 | -0.298*** | 0.052 | -0.280*** | 0.054 | -0.235*** | 0.057 |
| Household head lives with partner | -0.170*** | 0.058 | -0.115** | 0.060 | -0.125*** | 0.058 | -0.124*** | 0.058 | -0.101** | 0.060 | -0.072 | 0.064 |
| Educational attainment | 0.068*** | 0.005 | 0.045*** | 0.005 | 0.043*** | 0.005 | 0.043*** | 0.005 | 0.024*** | 0.005 | 0.019*** | 0.006 |
| House with fixed phone line | | | | | 0.441*** | 0.061 | 0.439*** | 0.060 | 0.335*** | 0.059 | 0.285*** | 0.066 |
| House with electricity | | | | | -0.143 | 0.140 | -0.154 | 0.138 | -0.168 | 0.133 | -0.193 | 0.165 |
| House with aqueduct | | | | | 0.422*** | 0.092 | 0.435*** | 0.091 | 0.367*** | 0.095 | 0.333*** | 0.095 |
| House with sewerage | | | | | -0.079 | 0.126 | -0.070 | 0.124 | -0.091 | 0.122 | -0.079 | 0.145 |
| Number of rooms in household | | | | | -0.030 | 0.023 | -0.033 | 0.023 | -0.042** | 0.024 | -0.022 | 0.027 |
| Socioeconomic stratum 2 | | | | | | | | | -0.010 | 0.087 | -0.051 | 0.091 |
| Socioeconomic stratum 3 | | | | | | | | | 0.104 | 0.106 | 0.010 | 0.111 |
| Socioeconomic stratum 4 | | | | | | | | | 0.451*** | 0.165 | 0.289* | 0.180 |
| Socioeconomic stratum 5 or 6 | | | | | | | | | 0.897*** | 0.183 | 0.744*** | 0.196 |
| Homeownership, house totally paid | | | | | | | | | 0.230*** | 0.050 | 0.172*** | 0.055 |
| Homeownership, house partially paid | | | | | | | | | 0.030 | 0.098 | -0.032 | 0.112 |
| Tenant | | | | | | | | | 0.196*** | 0.064 | 0.142*** | 0.068 |
| House with gas for cooking | | | | | | | | | -0.088 | 0.086 | -0.052 | 0.086 |
| House with natural gas | | | | | | | | | 0.274*** | 0.095 | 0.228*** | 0.095 |
| House with internet | | | | | | | | | 0.404*** | 0.041 | 0.330*** | 0.045 |
| House with cable TV | | | | | | | | | 0.343*** | 0.035 | 0.305*** | 0.038 |
| Employed | | | | | | | | | | | -0.182*** | 0.050 |
| Unemployed | | | | | | | | | | | -0.438*** | 0.103 |
| Household occupation Rate | | | | | | | | | | | 0.334*** | 0.082 |
| Household unemployment Rate | | | | | | | | | | | -0.500*** | 0.156 |
| Enrolled in private health insurance | | | | | | | | | | | 0.260*** | 0.058 |
| Enrolled in public health insurance | | | | | | | | | | | -0.141*** | 0.060 |
| Enrolled in pension fund | | | | | | | | | | | 0.084** | 0.049 |
| Good health | | | | | | | | | | | 0.572*** | 0.041 |
| Constant | -0.012 | 0.183 | -0.579*** | 0.218 | -0.275 | 0.292 | -0.838*** | 0.236 | -0.245 | 0.326 | -1.631*** | 0.755 |
| FE Past Neighborhood | No | | Yes | | Yes | | Yes | | Yes | | Yes | |
| FE Current Neighborhood | No | | No | | Yes | | Yes | | Yes | | Yes | |
| N | 12,521 | | 11,894 | | 11,894 | | 11,894 | | 11,894 | | 9,875 | |

| Variable | Living in Current Neighborhood 10 or More Years Ago, Movers | | | | | | | | | | | |
|--------------------------------------|---|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|-----------------|--------------|
| | coef | se | coef | se | coef | se | coef | se | coef | se | coef | se |
| | (i) | | (ii) | | (iii) | | (iv) | | (v) | | (vi) | |
| Homicide rate | -0.004 | 0.005 | -0.027*** | 0.011 | -0.028*** | 0.011 | -0.027*** | 0.011 | -0.029*** | 0.011 | -0.026** | 0.014 |
| Capture Rate / Homicide Rate | -0.063 | 0.235 | 0.987*** | 0.364 | 0.919*** | 0.358 | 0.886*** | 0.358 | 0.906*** | 0.363 | 0.513 | 0.435 |
| Distance to crime | 0.000*** | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | 0.000 | 0.000 |
| Years living in this place | -0.002 | 0.002 | -0.000 | 0.002 | -0.000 | 0.002 | 0.000 | 0.002 | 0.000 | 0.002 | -0.001 | 0.002 |
| Safe neighborhood | 0.218*** | 0.069 | 0.198*** | 0.070 | 0.196*** | 0.072 | | | | | 0.148** | 0.077 |
| Victim of offense | -0.098* | 0.066 | -0.113* | 0.077 | -0.077 | 0.077 | -0.112* | 0.076 | -0.117* | 0.077 | -0.086 | 0.092 |
| Household income | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 |
| Number of persons in household | -0.067*** | 0.014 | -0.075*** | 0.014 | -0.073*** | 0.014 | -0.073*** | 0.014 | -0.091*** | 0.014 | -0.085*** | 0.014 |
| Age | 0.007 | 0.010 | 0.001 | 0.011 | -0.001 | 0.011 | -0.002 | 0.011 | -0.013 | 0.011 | -0.011 | 0.012 |
| Age2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Male | 0.047 | 0.058 | 0.089 | 0.065 | 0.115** | 0.066 | 0.112** | 0.066 | 0.125** | 0.065 | 0.169*** | 0.072 |
| Household head with primary | -0.106*** | 0.051 | -0.039 | 0.061 | -0.039 | 0.060 | -0.042 | 0.060 | 0.012 | 0.062 | -0.036 | 0.068 |
| Household head with secondary | -0.060 | 0.088 | -0.029 | 0.107 | -0.031 | 0.107 | -0.035 | 0.107 | 0.037 | 0.112 | -0.047 | 0.119 |
| Hhold head with technique education | -0.039 | 0.147 | -0.024 | 0.179 | -0.019 | 0.180 | -0.035 | 0.176 | 0.022 | 0.188 | -0.059 | 0.241 |
| Household head single | -0.149*** | 0.071 | -0.192*** | 0.078 | -0.195*** | 0.079 | -0.193*** | 0.078 | -0.119* | 0.080 | -0.129* | 0.089 |
| Household head married | 0.123* | 0.081 | 0.066 | 0.089 | 0.029 | 0.090 | 0.032 | 0.090 | -0.017 | 0.089 | -0.087 | 0.102 |
| Household head separated | -0.309*** | 0.081 | -0.367*** | 0.088 | -0.359*** | 0.089 | -0.353*** | 0.089 | -0.323*** | 0.092 | -0.327*** | 0.094 |
| Household head lives with partner | -0.065 | 0.099 | -0.049 | 0.108 | -0.066 | 0.106 | -0.064 | 0.106 | -0.056 | 0.109 | -0.118 | 0.121 |
| Educational attainment | 0.066*** | 0.008 | 0.041*** | 0.010 | 0.039*** | 0.010 | 0.039*** | 0.010 | 0.022*** | 0.010 | 0.017 | 0.012 |
| House with fixed phone line | | | | | 0.447*** | 0.085 | 0.443*** | 0.084 | 0.302*** | 0.086 | 0.282*** | 0.099 |
| House with electricity | | | | | -0.204 | 0.208 | -0.213 | 0.207 | -0.188 | 0.210 | -0.337 | 0.291 |
| House with aqueduct | | | | | 0.391*** | 0.146 | 0.397*** | 0.147 | 0.345*** | 0.154 | 0.364*** | 0.165 |
| House with sewerage | | | | | -0.166 | 0.193 | -0.147 | 0.192 | -0.147 | 0.193 | -0.100 | 0.224 |
| Number of rooms in household | | | | | -0.032 | 0.035 | -0.033 | 0.035 | -0.043 | 0.035 | -0.032 | 0.039 |
| Socioeconomic stratum 2 | | | | | | | | | -0.010 | 0.092 | -0.070 | 0.095 |
| Socioeconomic stratum 3 | | | | | | | | | -0.017 | 0.158 | -0.130 | 0.167 |
| Socioeconomic stratum 4 | | | | | | | | | 0.405** | 0.243 | 0.231 | 0.262 |
| Socioeconomic stratum 5 or 6 | | | | | | | | | 1.178*** | 0.295 | 1.194*** | 0.346 |
| Homeownership, house totally paid | | | | | | | | | 0.273*** | 0.099 | 0.210*** | 0.104 |
| Homeownership, house partially paid | | | | | | | | | 0.141 | 0.159 | 0.084 | 0.173 |
| Tenant | | | | | | | | | 0.198** | 0.115 | 0.114 | 0.123 |
| House with gas for cooking | | | | | | | | | -0.161 | 0.142 | -0.181 | 0.158 |
| House with natural gas | | | | | | | | | 0.340*** | 0.156 | 0.390*** | 0.167 |
| House with internet | | | | | | | | | 0.366*** | 0.077 | 0.329*** | 0.092 |
| House with cable TV | | | | | | | | | 0.411*** | 0.055 | 0.373*** | 0.063 |
| Employed | | | | | | | | | | | -0.119* | 0.078 |
| Unemployed | | | | | | | | | | | -0.224 | 0.191 |
| Household occupation Rate | | | | | | | | | | | 0.385*** | 0.117 |
| Household unemployment Rate | | | | | | | | | | | -0.652*** | 0.290 |
| Enrolled in private health insurance | | | | | | | | | | | 0.185*** | 0.081 |
| Enrolled in public health insurance | | | | | | | | | | | -0.247*** | 0.096 |
| Enrolled in pension fund | | | | | | | | | | | 0.035 | 0.091 |
| Good health | | | | | | | | | | | 0.627*** | 0.063 |

| Variable | Living in Current Neighborhood 10 or More Years Ago, Always in Current Neighborhood | | | | | | | | | | | |
|--------------------------------------|---|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| | coef | se | coef | se | coef | se | coef | se | coef | se | coef | se |
| | (vii) | | (viii) | | (ix) | | (x) | | (xi) | | (xii) | |
| Homicide rate | 0.012* | 0.007 | -0.000 | 0.008 | -0.002 | 0.008 | -0.001 | 0.008 | -0.005 | 0.009 | -0.003 | 0.010 |
| Capture Rate / Homicide Rate | -0.035 | 0.165 | -0.306 | 0.353 | -0.301 | 0.348 | -0.340 | 0.348 | -0.334 | 0.361 | -0.814*** | 0.409 |
| Distance to crime | 0.000 | 0.000 | -0.000 | 0.000 | 0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 |
| Years living in this place | -0.001 | 0.001 | 0.000 | 0.001 | 0.000 | 0.001 | 0.001 | 0.001 | 0.002* | 0.001 | 0.002* | 0.001 |
| Safe neighborhood | 0.341*** | 0.053 | 0.316*** | 0.058 | 0.297*** | 0.058 | | | | | 0.245*** | 0.070 |
| Victim of offense | -0.151*** | 0.069 | -0.202*** | 0.077 | -0.185*** | 0.075 | -0.258*** | 0.073 | -0.315*** | 0.073 | -0.199*** | 0.085 |
| Household income | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000 | 0.000 |
| Number of persons in household | -0.063*** | 0.010 | -0.062*** | 0.011 | -0.057*** | 0.011 | -0.057*** | 0.011 | -0.074*** | 0.011 | -0.061*** | 0.013 |
| Age | 0.001 | 0.007 | -0.001 | 0.007 | -0.002 | 0.007 | -0.002 | 0.007 | -0.008 | 0.007 | -0.008 | 0.008 |
| Age2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Male | 0.104*** | 0.052 | 0.088** | 0.052 | 0.096** | 0.051 | 0.099*** | 0.050 | 0.105*** | 0.050 | 0.077 | 0.055 |
| Household head with primary | -0.097** | 0.053 | -0.026 | 0.057 | -0.029 | 0.058 | -0.024 | 0.057 | 0.043 | 0.058 | 0.034 | 0.059 |
| Household head with secondary | -0.094* | 0.065 | -0.000 | 0.069 | -0.017 | 0.067 | -0.006 | 0.067 | 0.093 | 0.068 | 0.007 | 0.073 |
| Hhold head with technique education | 0.037 | 0.118 | 0.138 | 0.129 | 0.111 | 0.130 | 0.108 | 0.129 | 0.205* | 0.133 | 0.106 | 0.146 |
| Household head single | -0.333*** | 0.065 | -0.329*** | 0.071 | -0.319*** | 0.072 | -0.311*** | 0.072 | -0.268*** | 0.076 | -0.179*** | 0.083 |
| Household head married | 0.012 | 0.072 | 0.024 | 0.074 | 0.005 | 0.075 | 0.003 | 0.074 | -0.037 | 0.076 | 0.030 | 0.085 |
| Household head separated | -0.284*** | 0.066 | -0.287*** | 0.069 | -0.276*** | 0.069 | -0.282*** | 0.070 | -0.274*** | 0.073 | -0.176*** | 0.082 |
| Household head lives with partner | -0.247*** | 0.077 | -0.169*** | 0.080 | -0.173*** | 0.080 | -0.173*** | 0.080 | -0.151** | 0.082 | -0.064 | 0.088 |
| Educational attainment | 0.067*** | 0.006 | 0.049*** | 0.007 | 0.047*** | 0.006 | 0.047*** | 0.006 | 0.027*** | 0.006 | 0.023*** | 0.007 |
| House with fixed phone line | | | | | 0.456*** | 0.077 | 0.456*** | 0.076 | 0.360*** | 0.076 | 0.302*** | 0.085 |
| House with electricity | | | | | -0.064 | 0.211 | -0.076 | 0.208 | -0.108 | 0.196 | -0.117 | 0.220 |
| House with aqueduct | | | | | 0.441*** | 0.110 | 0.464*** | 0.108 | 0.398*** | 0.111 | 0.342*** | 0.112 |
| House with sewerage | | | | | -0.064 | 0.168 | -0.064 | 0.165 | -0.107 | 0.156 | -0.105 | 0.180 |
| Number of rooms in household | | | | | -0.037 | 0.031 | -0.041 | 0.031 | -0.051* | 0.032 | -0.019 | 0.037 |
| Socioeconomic stratum 2 | | | | | | | | | -0.013 | 0.136 | -0.051 | 0.144 |
| Socioeconomic stratum 3 | | | | | | | | | 0.186 | 0.147 | 0.107 | 0.154 |
| Socioeconomic stratum 4 | | | | | | | | | 0.534*** | 0.210 | 0.416** | 0.236 |
| Socioeconomic stratum 5 or 6 | | | | | | | | | 0.749*** | 0.232 | 0.560*** | 0.262 |
| Homeownership, house totally paid | | | | | | | | | 0.199*** | 0.060 | 0.141*** | 0.068 |
| Homeownership, house partially paid | | | | | | | | | -0.053 | 0.128 | -0.150 | 0.145 |
| Tenant | | | | | | | | | 0.201*** | 0.074 | 0.175*** | 0.082 |
| House with gas for cooking | | | | | | | | | -0.066 | 0.103 | 0.005 | 0.109 |
| House with natural gas | | | | | | | | | 0.280*** | 0.110 | 0.191** | 0.114 |
| House with internet | | | | | | | | | 0.449*** | 0.052 | 0.354*** | 0.059 |
| House with cable TV | | | | | | | | | 0.321*** | 0.051 | 0.279*** | 0.057 |
| Employed | | | | | | | | | | | -0.239*** | 0.063 |
| Unemployed | | | | | | | | | | | -0.552*** | 0.129 |
| Household occupation Rate | | | | | | | | | | | 0.308*** | 0.110 |
| Household unemployment Rate | | | | | | | | | | | -0.504*** | 0.197 |
| Enrolled in private health insurance | | | | | | | | | | | 0.339*** | 0.074 |
| Enrolled in public health insurance | | | | | | | | | | | -0.078 | 0.074 |
| Enrolled in pension fund | | | | | | | | | | | 0.077 | 0.063 |
| Good health | | | | | | | | | | | 0.557*** | 0.058 |

I. Motivación

II. Revisión de la Literatura

III. Regularidades Empíricas

IV. Identificación y Estimación

- Resultados: “Life Satisfaction”
- **Resultados: “Very Happy”**
- Resultados: Victimización

V. Conclusiones



| Muy Feliz | Living in Current Neighborhood 10 or More Years Ago, Movers | | | | | | | | | | | |
|--------------------------------------|---|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|---------------|--------------|
| | coef | se | coef | se | coef | se | coef | se | coef | se | coef | se |
| | (i) | | (ii) | | (iii) | | (iv) | | (v) | | (vi) | |
| Homicide rate | -0.010 | 0.008 | -0.028** | 0.015 | -0.028** | 0.015 | -0.028** | 0.015 | -0.026** | 0.014 | -0.015 | 0.019 |
| Capture Rate / Homicide Rate | 0.175 | 0.214 | -0.214 | 0.357 | -0.229 | 0.358 | -0.233 | 0.359 | -0.278 | 0.362 | -0.108 | 0.425 |
| Distance to crime | 0.000*** | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Years living in this place | -0.003 | 0.002 | -0.001 | 0.003 | -0.001 | 0.003 | -0.001 | 0.003 | -0.001 | 0.003 | -0.005** | 0.003 |
| Safe neighborhood | 0.134* | 0.083 | 0.192*** | 0.095 | 0.193*** | 0.095 | | | | | 0.156* | 0.107 |
| Victim of offense | -0.041 | 0.082 | -0.039 | 0.094 | -0.041 | 0.095 | -0.079 | 0.092 | -0.097 | 0.094 | 0.013 | 0.120 |
| Household income | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000** | 0.000 | 0.000*** | 0.000 |
| Number of persons in household | -0.048*** | 0.016 | -0.047*** | 0.018 | -0.048*** | 0.018 | -0.050*** | 0.018 | -0.067*** | 0.019 | -0.073*** | 0.021 |
| Age | 0.002 | 0.014 | -0.011 | 0.017 | -0.011 | 0.017 | -0.012 | 0.017 | -0.022 | 0.017 | -0.018 | 0.018 |
| Age2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Male | 0.041 | 0.083 | 0.043 | 0.097 | 0.055 | 0.098 | 0.056 | 0.098 | 0.059 | 0.099 | 0.006 | 0.113 |
| Household head with primary | -0.100 | 0.073 | -0.063 | 0.081 | -0.067 | 0.082 | -0.073 | 0.083 | -0.051 | 0.084 | -0.093 | 0.088 |
| Household head with secondary | 0.094 | 0.089 | 0.129 | 0.095 | 0.126 | 0.095 | 0.122 | 0.096 | 0.149* | 0.098 | 0.137 | 0.104 |
| Hhold head with technique education | 0.109 | 0.131 | -0.008 | 0.146 | -0.012 | 0.144 | -0.031 | 0.144 | -0.015 | 0.148 | -0.086 | 0.171 |
| Household head single | -0.181** | 0.110 | -0.196* | 0.128 | -0.199* | 0.128 | -0.198* | 0.128 | -0.172 | 0.127 | -0.082 | 0.139 |
| Household head married | 0.067 | 0.097 | 0.107 | 0.115 | 0.096 | 0.116 | 0.095 | 0.116 | 0.071 | 0.119 | 0.116 | 0.132 |
| Household head separated | -0.210** | 0.118 | -0.228** | 0.138 | -0.229** | 0.139 | -0.222* | 0.138 | -0.205* | 0.139 | -0.143 | 0.156 |
| Household head lives with partner | -0.142 | 0.138 | -0.107 | 0.168 | -0.108 | 0.169 | -0.108 | 0.167 | -0.092 | 0.167 | -0.168 | 0.189 |
| Educational attainment | 0.046*** | 0.007 | 0.025*** | 0.008 | 0.023*** | 0.008 | 0.023*** | 0.008 | 0.015** | 0.009 | 0.005 | 0.010 |
| House with fixed phone line | | | | | 0.331** | 0.175 | 0.332** | 0.175 | 0.266* | 0.180 | 0.322* | 0.198 |
| House with electricity | | | | | -0.095 | 0.352 | -0.115 | 0.351 | -0.115 | 0.355 | -0.006 | 0.395 |
| House with aqueduct | | | | | -0.037 | 0.231 | -0.021 | 0.233 | -0.019 | 0.238 | -0.058 | 0.257 |
| House with sewerage | | | | | -0.048 | 0.255 | -0.027 | 0.253 | -0.025 | 0.260 | -0.154 | 0.276 |
| Number of rooms in household | | | | | 0.053 | 0.046 | 0.052 | 0.046 | 0.046 | 0.047 | 0.035 | 0.055 |
| Socioeconomic stratum 2 | | | | | | | | | -0.097 | 0.145 | -0.094 | 0.169 |
| Socioeconomic stratum 3 | | | | | | | | | 0.080 | 0.216 | 0.095 | 0.253 |
| Socioeconomic stratum 4 | | | | | | | | | -0.024 | 0.252 | 0.085 | 0.263 |
| Socioeconomic stratum 5 or 6 | | | | | | | | | 0.318 | 0.269 | 0.412 | 0.313 |
| Homeownership, house totally paid | | | | | | | | | 0.097 | 0.139 | 0.015 | 0.157 |
| Homeownership, house partially paid | | | | | | | | | 0.156 | 0.229 | 0.115 | 0.257 |
| Tenant | | | | | | | | | -0.084 | 0.149 | -0.186 | 0.172 |
| House with gas for cooking | | | | | | | | | 0.142 | 0.218 | 0.115 | 0.242 |
| House with natural gas | | | | | | | | | -0.049 | 0.209 | -0.056 | 0.233 |
| House with internet | | | | | | | | | 0.233*** | 0.080 | 0.253*** | 0.092 |
| House with cable TV | | | | | | | | | 0.099 | 0.081 | 0.084 | 0.089 |
| Employed | | | | | | | | | | | -0.005 | 0.114 |
| Unemployed | | | | | | | | | | | 0.391 | 0.299 |
| Household occupation Rate | | | | | | | | | | | -0.145 | 0.158 |
| Household unemployment Rate | | | | | | | | | | | -0.364 | 0.370 |
| Enrolled in private health insurance | | | | | | | | | | | 0.020 | 0.161 |
| Enrolled in public health insurance | | | | | | | | | | | -0.223 | 0.161 |
| Enrolled in pension fund | | | | | | | | | | | 0.063 | 0.098 |
| Good health | | | | | | | | | | | 0.364*** | 0.099 |
| Constant | -1.936*** | 0.429 | 0.263 | 0.512 | 0.168 | 0.563 | 0.371 | 0.552 | 0.409 | 0.604 | 0.774 | 1.452 |

| Muy Feliz | Living in Current Neighborhood 10 or More Years Ago, Always in Current Neighborhood | | | | | | | | | | | |
|--------------------------------------|---|--------------|-----------------|--------------|-----------------|--------------|-----------|-------|-----------|-------|---------------|--------------|
| | coef | se | coef | se | coef | se | coef | se | coef | se | coef | se |
| | (vii) | | (viii) | | (ix) | | (x) | | (xi) | | (xii) | |
| Homicide rate | -0.001 | 0.006 | 0.009 | 0.009 | 0.009 | 0.009 | 0.009 | 0.009 | 0.011 | 0.010 | 0.016* | 0.010 |
| Capture Rate / Homicide Rate | 0.139 | 0.179 | -0.104 | 0.322 | -0.075 | 0.322 | -0.116 | 0.323 | -0.000 | 0.333 | -0.100 | 0.407 |
| Distance to crime | 0.000*** | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 |
| Years living in this place | -0.003*** | 0.001 | -0.002 | 0.002 | -0.002 | 0.002 | -0.002 | 0.002 | -0.001 | 0.002 | -0.002 | 0.002 |
| Safe neighborhood | 0.094 | 0.072 | 0.180*** | 0.083 | 0.183*** | 0.082 | | | | | 0.133 | 0.100 |
| Victim of offense | -0.029 | 0.091 | -0.029 | 0.097 | -0.028 | 0.098 | -0.063 | 0.099 | -0.070 | 0.102 | 0.029 | 0.114 |
| Household income | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 |
| Number of persons in household | -0.044*** | 0.018 | -0.038** | 0.020 | -0.040*** | 0.020 | -0.040*** | 0.020 | -0.053*** | 0.021 | -0.049*** | 0.021 |
| Age | 0.007 | 0.009 | -0.002 | 0.010 | -0.003 | 0.010 | -0.003 | 0.010 | -0.009 | 0.010 | -0.007 | 0.011 |
| Age2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Male | 0.062 | 0.062 | 0.068 | 0.064 | 0.065 | 0.064 | 0.064 | 0.064 | 0.059 | 0.064 | 0.066 | 0.076 |
| Household head with primary | -0.057 | 0.060 | -0.006 | 0.069 | -0.006 | 0.070 | -0.005 | 0.069 | 0.039 | 0.070 | 0.061 | 0.076 |
| Household head with secondary | -0.141*** | 0.052 | -0.080 | 0.061 | -0.074 | 0.060 | -0.071 | 0.060 | -0.006 | 0.062 | -0.040 | 0.071 |
| Hhold head with technique education | -0.017 | 0.095 | 0.000 | 0.102 | 0.009 | 0.103 | 0.010 | 0.103 | 0.067 | 0.108 | 0.067 | 0.123 |
| Household head single | -0.071 | 0.103 | -0.074 | 0.109 | -0.078 | 0.107 | -0.076 | 0.106 | -0.030 | 0.106 | -0.077 | 0.123 |
| Household head married | 0.095 | 0.084 | 0.142* | 0.093 | 0.143* | 0.092 | 0.149* | 0.092 | 0.155** | 0.093 | 0.161* | 0.112 |
| Household head separated | 0.056 | 0.099 | 0.096 | 0.109 | 0.092 | 0.108 | 0.095 | 0.107 | 0.133 | 0.110 | 0.195* | 0.127 |
| Household head lives with partner | -0.132 | 0.115 | -0.107 | 0.128 | -0.101 | 0.127 | -0.094 | 0.127 | -0.025 | 0.126 | -0.047 | 0.144 |
| Educational attainment | 0.055*** | 0.006 | 0.040*** | 0.006 | 0.039*** | 0.006 | 0.038*** | 0.006 | 0.025*** | 0.007 | 0.019*** | 0.008 |
| House with fixed phone line | | | | | 0.178 | 0.130 | 0.182 | 0.130 | 0.086 | 0.137 | 0.121 | 0.143 |
| House with electricity | | | | | -0.193 | 0.240 | -0.204 | 0.240 | -0.218 | 0.247 | -0.498** | 0.255 |
| House with aqueduct | | | | | 0.101 | 0.168 | 0.115 | 0.167 | 0.077 | 0.173 | 0.105 | 0.204 |
| House with sewerage | | | | | 0.472*** | 0.234 | 0.463*** | 0.233 | 0.456** | 0.245 | 0.553*** | 0.252 |
| Number of rooms in household | | | | | 0.087*** | 0.041 | 0.084*** | 0.041 | 0.081** | 0.042 | 0.085** | 0.046 |
| Socioeconomic stratum 2 | | | | | | | | | 0.346* | 0.219 | 0.275 | 0.216 |
| Socioeconomic stratum 3 | | | | | | | | | 0.458** | 0.236 | 0.427** | 0.232 |
| Socioeconomic stratum 4 | | | | | | | | | 0.419* | 0.264 | 0.258 | 0.271 |
| Socioeconomic stratum 5 or 6 | | | | | | | | | 0.977*** | 0.292 | 0.933*** | 0.290 |
| Homeownership, house totally paid | | | | | | | | | 0.195** | 0.112 | 0.238** | 0.136 |
| Homeownership, house partially paid | | | | | | | | | 0.047 | 0.181 | -0.101 | 0.222 |
| Tenant | | | | | | | | | 0.061 | 0.124 | 0.070 | 0.147 |
| House with gas for cooking | | | | | | | | | 0.010 | 0.135 | -0.013 | 0.160 |
| House with natural gas | | | | | | | | | 0.075 | 0.134 | 0.079 | 0.152 |
| House with internet | | | | | | | | | 0.322*** | 0.067 | 0.299*** | 0.071 |
| House with cable TV | | | | | | | | | 0.073 | 0.069 | -0.050 | 0.076 |
| Employed | | | | | | | | | | | -0.087 | 0.079 |
| Unemployed | | | | | | | | | | | -0.275 | 0.259 |
| Household occupation Rate | | | | | | | | | | | 0.125 | 0.102 |
| Household unemployment Rate | | | | | | | | | | | -0.531* | 0.329 |
| Enrolled in private health insurance | | | | | | | | | | | 0.111 | 0.111 |
| Enrolled in public health insurance | | | | | | | | | | | -0.085 | 0.126 |
| Enrolled in pension fund | | | | | | | | | | | 0.169*** | 0.085 |
| Good health | | | | | | | | | | | 0.276*** | 0.090 |
| Constant | -2.187*** | 0.285 | -0.870*** | 0.364 | -1.129*** | 0.447 | -0.908*** | 0.445 | -2.034*** | 0.564 | -2.777*** | 0.586 |

I. Motivación

II. Revisión de la Literatura

III. Regularidades Empíricas

IV. Identificación y Estimación

- Resultados: “Life Satisfaction”
- Resultados: “Very Happy”
- **Resultados: Victimización**

V. Conclusiones



| "Feliz" o "Muy Feliz" | Living in Current Neighborhood 10 or More Years Ago, Movers | | | | | | | | | | | |
|---------------------------------------|---|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|-----------------|--------------|
| | coef | se | coef | se | coef | se | coef | se | coef | se | coef | se |
| | (i) | | (ii) | | (iii) | | (iv) | | (v) | | (vi) | |
| Homicide rate | -0.004 | 0.005 | -0.027*** | 0.011 | -0.028*** | 0.011 | -0.027*** | 0.011 | -0.029*** | 0.011 | -0.025** | 0.014 |
| Capture Rate / Homicide Rate | -0.063 | 0.235 | 0.986*** | 0.364 | 0.918*** | 0.358 | 0.886*** | 0.358 | 0.907*** | 0.362 | 0.517 | 0.431 |
| Distance to crime | 0.000*** | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | 0.000 | 0.000 |
| Years living in this place | -0.002 | 0.002 | -0.000 | 0.002 | -0.000 | 0.002 | 0.000 | 0.002 | 0.000 | 0.002 | -0.001 | 0.002 |
| Safe neighborhood | 0.217*** | 0.069 | 0.195*** | 0.070 | 0.192*** | 0.071 | | | | | 0.145** | 0.077 |
| Victim of robbery, burglary, personal | -0.118 | 0.086 | -0.177** | 0.096 | -0.159** | 0.093 | -0.198*** | 0.092 | -0.231*** | 0.095 | -0.209** | 0.112 |
| Victim of other offenses | -0.066 | 0.103 | -0.010 | 0.117 | 0.056 | 0.124 | 0.032 | 0.123 | 0.073 | 0.126 | 0.098 | 0.149 |
| Household income | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 |
| Number of persons in household | -0.067*** | 0.014 | -0.074*** | 0.014 | -0.072*** | 0.014 | -0.072*** | 0.014 | -0.091*** | 0.014 | -0.085*** | 0.014 |
| Age | 0.007 | 0.010 | 0.001 | 0.011 | -0.001 | 0.011 | -0.001 | 0.011 | -0.013 | 0.011 | -0.011 | 0.012 |
| Age2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Male | 0.048 | 0.058 | 0.090 | 0.065 | 0.117** | 0.066 | 0.114** | 0.066 | 0.128*** | 0.065 | 0.172*** | 0.073 |
| Household head with primary | -0.107*** | 0.051 | -0.042 | 0.061 | -0.042 | 0.060 | -0.046 | 0.060 | 0.007 | 0.063 | -0.041 | 0.068 |
| Household head with secondary | -0.061 | 0.088 | -0.033 | 0.107 | -0.036 | 0.107 | -0.041 | 0.107 | 0.029 | 0.112 | -0.056 | 0.119 |
| Hhold head with technique education | -0.040 | 0.147 | -0.030 | 0.179 | -0.025 | 0.180 | -0.041 | 0.176 | 0.014 | 0.188 | -0.059 | 0.242 |
| Household head single | -0.149*** | 0.071 | -0.192*** | 0.078 | -0.195*** | 0.079 | -0.193*** | 0.078 | -0.119* | 0.080 | -0.130* | 0.089 |
| Household head married | 0.123* | 0.081 | 0.066 | 0.090 | 0.029 | 0.090 | 0.032 | 0.090 | -0.019 | 0.090 | -0.089 | 0.102 |
| Household head separated | -0.309*** | 0.081 | -0.367*** | 0.089 | -0.358*** | 0.089 | -0.353*** | 0.089 | -0.322*** | 0.092 | -0.327*** | 0.095 |
| Household head lives with partner | -0.066 | 0.099 | -0.050 | 0.108 | -0.067 | 0.105 | -0.066 | 0.106 | -0.059 | 0.109 | -0.122 | 0.121 |
| Educational attainment | 0.066*** | 0.008 | 0.042*** | 0.010 | 0.039*** | 0.010 | 0.039*** | 0.010 | 0.023*** | 0.010 | 0.018* | 0.012 |
| House with fixed phone line | | | | | 0.449*** | 0.084 | 0.446*** | 0.083 | 0.303*** | 0.085 | 0.284*** | 0.098 |
| House with electricity | | | | | -0.204 | 0.208 | -0.213 | 0.206 | -0.188 | 0.209 | -0.338 | 0.289 |
| House with aqueduct | | | | | 0.399*** | 0.145 | 0.406*** | 0.146 | 0.355*** | 0.152 | 0.375*** | 0.163 |
| House with sewerage | | | | | -0.175 | 0.193 | -0.156 | 0.192 | -0.159 | 0.194 | -0.108 | 0.225 |
| Number of rooms in household | | | | | -0.033 | 0.034 | -0.034 | 0.035 | -0.044 | 0.034 | -0.033 | 0.039 |
| Socioeconomic stratum 2 | | | | | | | | | -0.001 | 0.092 | -0.061 | 0.095 |
| Socioeconomic stratum 3 | | | | | | | | | -0.010 | 0.158 | -0.122 | 0.167 |
| Socioeconomic stratum 4 | | | | | | | | | 0.410** | 0.244 | 0.233 | 0.262 |
| Socioeconomic stratum 5 or 6 | | | | | | | | | 1.180*** | 0.295 | 1.195*** | 0.346 |
| Homeownership, house totally paid | | | | | | | | | 0.276*** | 0.100 | 0.213*** | 0.104 |
| Homeownership, house partially paid | | | | | | | | | 0.144 | 0.158 | 0.088 | 0.172 |
| Tenant | | | | | | | | | 0.200** | 0.115 | 0.115 | 0.123 |
| House with gas for cooking | | | | | | | | | -0.160 | 0.141 | -0.182 | 0.157 |
| House with natural gas | | | | | | | | | 0.342*** | 0.155 | 0.395*** | 0.167 |
| House with internet | | | | | | | | | 0.370*** | 0.077 | 0.335*** | 0.092 |
| House with cable TV | | | | | | | | | 0.412*** | 0.055 | 0.373*** | 0.063 |
| Employed | | | | | | | | | | | -0.121* | 0.078 |
| Unemployed | | | | | | | | | | | -0.221 | 0.191 |
| Household occupation Rate | | | | | | | | | | | 0.389*** | 0.117 |
| Household unemployment Rate | | | | | | | | | | | -0.662*** | 0.291 |
| Enrolled in private health insurance | | | | | | | | | | | 0.182*** | 0.081 |
| Enrolled in public health insurance | | | | | | | | | | | -0.250*** | 0.096 |
| Enrolled in pension fund | | | | | | | | | | | 0.036 | 0.091 |
| Good health | | | | | | | | | | | 0.626*** | 0.063 |
| Constant | -0.158 | 0.340 | -0.435 | 1.016 | -0.814 | 1.022 | -0.716 | 0.985 | -0.775 | 0.991 | -0.868 | 0.816 |

| "Feliz" o "Muy Feliz" | Living in Current Neighborhood 10 or More Years Ago, Always in Current Neighborhood | | | | | | | | | | | |
|---------------------------------------|---|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|-----------------|--------------|
| | coef | se | coef | se | coef | se | coef | se | coef | se | coef | se |
| | (vii) | | (viii) | | (ix) | | (x) | | (xi) | | (xii) | |
| Homicide rate | 0.012* | 0.007 | -0.000 | 0.008 | -0.002 | 0.008 | -0.001 | 0.008 | -0.005 | 0.009 | -0.003 | 0.010 |
| Capture Rate / Homicide Rate | -0.036 | 0.165 | -0.309 | 0.353 | -0.304 | 0.347 | -0.342 | 0.348 | -0.335 | 0.361 | -0.816*** | 0.408 |
| Distance to crime | 0.000 | 0.000 | -0.000 | 0.000 | 0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 | -0.000 | 0.000 |
| Years living in this place | -0.002 | 0.001 | 0.000 | 0.001 | 0.000 | 0.001 | 0.001 | 0.001 | 0.002* | 0.001 | 0.002* | 0.001 |
| Safe neighborhood | 0.343*** | 0.053 | 0.318*** | 0.058 | 0.299*** | 0.057 | | | | | 0.246*** | 0.070 |
| Victim of robbery, burglary, personal | -0.113* | 0.074 | -0.151** | 0.080 | -0.146** | 0.078 | -0.228*** | 0.077 | -0.304*** | 0.082 | -0.181** | 0.093 |
| Victim of other offenses | -0.243*** | 0.118 | -0.326*** | 0.136 | -0.281*** | 0.138 | -0.333*** | 0.136 | -0.344*** | 0.128 | -0.241** | 0.142 |
| Household income | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000*** | 0.000 | 0.000 | 0.000 |
| Number of persons in household | -0.063*** | 0.010 | -0.062*** | 0.011 | -0.058*** | 0.011 | -0.057*** | 0.011 | -0.073*** | 0.011 | -0.061*** | 0.013 |
| Age | 0.001 | 0.007 | -0.001 | 0.007 | -0.002 | 0.007 | -0.002 | 0.007 | -0.008 | 0.007 | -0.008 | 0.008 |
| Age2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Male | 0.104*** | 0.052 | 0.088** | 0.052 | 0.096** | 0.051 | 0.099** | 0.050 | 0.104*** | 0.050 | 0.076 | 0.055 |
| Household head with primary | -0.097** | 0.053 | -0.026 | 0.057 | -0.029 | 0.058 | -0.024 | 0.057 | 0.043 | 0.057 | 0.033 | 0.059 |
| Household head with secondary | -0.094* | 0.064 | -0.001 | 0.069 | -0.017 | 0.067 | -0.006 | 0.067 | 0.093 | 0.068 | 0.007 | 0.073 |
| Hhold head with technique education | 0.040 | 0.118 | 0.143 | 0.129 | 0.115 | 0.130 | 0.111 | 0.129 | 0.206* | 0.133 | 0.107 | 0.145 |
| Household head single | -0.332*** | 0.065 | -0.328*** | 0.071 | -0.318*** | 0.072 | -0.311*** | 0.072 | -0.268*** | 0.076 | -0.179*** | 0.083 |
| Household head married | 0.013 | 0.072 | 0.026 | 0.074 | 0.006 | 0.075 | 0.003 | 0.075 | -0.036 | 0.076 | 0.030 | 0.085 |
| Household head separated | -0.283*** | 0.065 | -0.285*** | 0.069 | -0.275*** | 0.069 | -0.281*** | 0.069 | -0.274*** | 0.072 | -0.175*** | 0.082 |
| Household head lives with partner | -0.246*** | 0.077 | -0.167*** | 0.080 | -0.172*** | 0.080 | -0.172*** | 0.080 | -0.151** | 0.082 | -0.064 | 0.088 |
| Educational attainment | 0.067*** | 0.006 | 0.049*** | 0.006 | 0.047*** | 0.006 | 0.047*** | 0.006 | 0.027*** | 0.006 | 0.023*** | 0.007 |
| House with fixed phone line | | | | | 0.454*** | 0.076 | 0.455*** | 0.076 | 0.360*** | 0.076 | 0.301*** | 0.085 |
| House with electricity | | | | | -0.065 | 0.211 | -0.077 | 0.208 | -0.108 | 0.196 | -0.117 | 0.220 |
| House with aqueduct | | | | | 0.443*** | 0.110 | 0.465*** | 0.109 | 0.398*** | 0.111 | 0.342*** | 0.113 |
| House with sewerage | | | | | -0.065 | 0.168 | -0.064 | 0.165 | -0.107 | 0.156 | -0.105 | 0.180 |
| Number of rooms in household | | | | | -0.036 | 0.031 | -0.040 | 0.031 | -0.051* | 0.032 | -0.018 | 0.037 |
| Socioeconomic stratum 2 | | | | | | | | | -0.014 | 0.136 | -0.052 | 0.143 |
| Socioeconomic stratum 3 | | | | | | | | | 0.184 | 0.147 | 0.105 | 0.154 |
| Socioeconomic stratum 4 | | | | | | | | | 0.533*** | 0.210 | 0.415** | 0.235 |
| Socioeconomic stratum 5 or 6 | | | | | | | | | 0.747*** | 0.232 | 0.557*** | 0.262 |
| Homeownership, house totally paid | | | | | | | | | 0.199*** | 0.060 | 0.141*** | 0.068 |
| Homeownership, house partially paid | | | | | | | | | -0.053 | 0.128 | -0.149 | 0.145 |
| Tenant | | | | | | | | | 0.202*** | 0.074 | 0.175*** | 0.082 |
| House with gas for cooking | | | | | | | | | -0.065 | 0.103 | 0.005 | 0.109 |
| House with natural gas | | | | | | | | | 0.280*** | 0.110 | 0.190** | 0.114 |
| House with internet | | | | | | | | | 0.449*** | 0.052 | 0.354*** | 0.060 |
| House with cable TV | | | | | | | | | 0.321*** | 0.051 | 0.279*** | 0.057 |
| Employed | | | | | | | | | | | -0.240*** | 0.063 |
| Unemployed | | | | | | | | | | | -0.553*** | 0.129 |
| Household occupation Rate | | | | | | | | | | | 0.309*** | 0.111 |
| Household unemployment Rate | | | | | | | | | | | -0.503*** | 0.198 |
| Enrolled in private health insurance | | | | | | | | | | | 0.339*** | 0.074 |
| Enrolled in public health insurance | | | | | | | | | | | -0.077 | 0.074 |
| Enrolled in pension fund | | | | | | | | | | | 0.078 | 0.063 |
| Good health | | | | | | | | | | | 0.557*** | 0.058 |
| Constant | 0.084 | 0.212 | 0.650*** | 0.221 | -1.074 | 0.858 | 0.594*** | 0.222 | 0.865*** | 0.259 | 0.536** | 0.321 |

I. Motivación

II. Revisión de la Literatura

III. Regularidades Empíricas

IV. Identificación y Estimación

- Resultados: “Life Satisfaction”
- Resultados: “Very Happy”
- Resultados: Victimización

V. Conclusiones



Conclusiones

- La tasa de homicidio afecta LS y la probabilidad de sentirse muy felices, en la muestra de hogares que viven hace más de 10 años en sus casas y que se han movido a ese lugar en algún momento en el pasado.
- Percepción de que el barrio de residencia es seguro: efecto positivo en LS en el total de la muestra y en c/u de las submuestras. Haber sido víctima de una ofensa (particularmente de un robo) afecta LS
- Una desviación estándar de incremento en la tasa de homicidios, la fracción de hogares que se siente segura en su vecindario, y la fracción de hogares que reportan haber sido victimizados, implican una caída de 5.3, -4.7 (un incremento) y 1.8 por ciento de una desviación estándar de LS.

