

APPENDIX

Chart 1: Districts and neighborhoods of Sabadell

District 1	Centre	Coberta
	Laietana	Hostalfrancs
	Sol i Padrís	Avinguda- Eixample
District 2	Creu Alta	Can Puiggener
	Togores	
District 3	Ca N'Oriac	Plana del Pintor
	Torreguitart	Can Deu
	Torrent del Capella	Roureda
	Sant Julià	
District 4	Concordia	Cifuentes
	Can Rull	Via Alexandra
	Eix Macià	Can Llong
District 5	Gràcia	Arraona- Merinals
	Can Feu	Serra d'en Camaró
	Can Gambús	
District 6	Creu de Barberà	Termes
	Espronceda	Campoamor
	Sant Pau	
District 7	Poblenou	Torre- Romeu

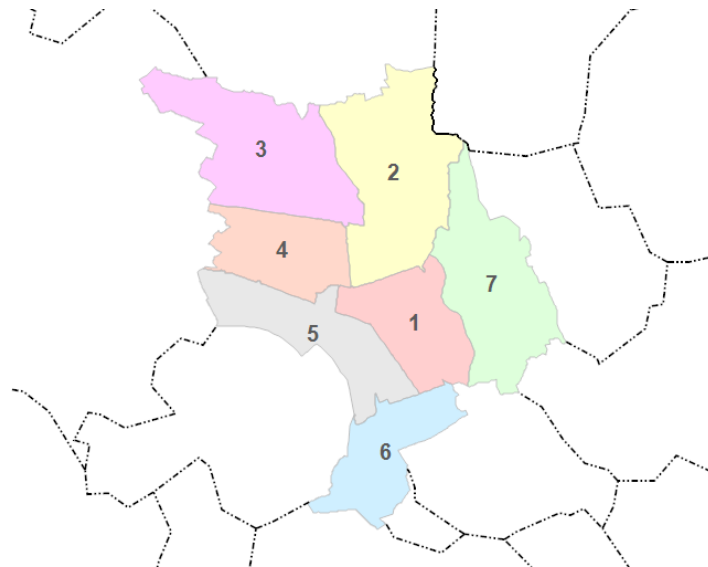


Chart 2: Districts and neighborhoods of Miami Beach

District 1 (1st street- 22nd street)	South Point	Palm and Hibiscus Island
	Lummus	West Avenue
	City Center	
District 2 (23rd Street- 68th Street)	Bayshore	Ocean Front
	La Gorce	
District 3 (69th Street- 67th Street)	North Shore	Normandy Isle
	Normandy Shore and Isle	Biscayne Point



Tables 3: Typology of crime per district in Sabadell

Typology of crime	Districts							Total
	District 1	District 2	District 3	District 4	District 5	District 6	District 7	
Patrimony	1877	1092	598	795	1306	804	166	6638
Violent	180	143	172	138	171	163	30	997
Drug dealing	57	57	54	50	178	53	1	450
Others	110	88	94	70	62	84	24	532
Gender violence	48	36	55	35	24	51	9	258
	2272	1416	973	1088	1741	1155	230	8875

Source: own chart built with data of Municipal Police of Sabadell.

Typology of crime	Districts							
	District 1	District 2	District 3	District 4	District 5	District 6	District 7	Sabadell
Patrimony	82,60%	77,10%	61,50%	73,10%	75,00%	69,60%	72,20%	74,80%
Violent	7,90%	10,10%	17,70%	12,70%	9,80%	14,10%	13,00%	11,20%
Drug dealing	2,50%	4,00%	5,50%	4,60%	10,20%	4,60%	0,40%	5,10%
Others	4,80%	6,20%	9,70%	6,40%	3,60%	7,30%	10,40%	6,00%
Gender Violence	2,10%	2,50%	5,70%	3,20%	1,40%	4,40%	3,90%	2,90%

Source: own chart built with data of Municipal Police of Sabadell.

Medidas simétricas

	Valor	Sig. aproximada
Nominal por nominal Phi	,203	,000
V de Cramer	,102	,000
N de casos válidos	8875	

Pruebas de chi-cuadrado

	Valor	gl	Sig. asintótica (bilateral)
Chi-cuadrado de Pearson	366,699 ^a	24	,000
Razón de verosimilitudes	352,412	24	,000
Asociación lineal por lineal	37,225	1	,000
N de casos válidos	8875		

a. 0 casillas (,0%) tienen una frecuencia esperada inferior a 5. La frecuencia mínima esperada es 6,69.

Chart 4: Typology of crime per district in Miami Beach

Typology of crime	District			
	District 1	District 2	District 3	Total
Property	63,30%	48,30%	33,90%	60,70%
Violent	6,60%	6,40%	17,70%	6,90%
Drug dealing	7,10%	4,40%	11,30%	6,90%
Miscellaneous	23,10%	40,90%	37,10%	25,40%

Source: own chart built with municipal police of Miami Beach data.

Pruebas de chi-cuadrado

	Valor	gl	Sig. asintótica (bilateral)
Chi-cuadrado de Pearson	54,673 ^a	6	,000
Razón de verosimilitudes	49,955	6	,000
Asociación lineal por lineal	33,501	1	,000
N de casos válidos	1923		

a. 2 casillas (16,7%) tienen una frecuencia esperada inferior a 5.
La frecuencia mínima esperada es 4,29.

Medidas simétricas

	Valor	Sig. aproximada
Nominal por nominal Phi	,169	,000
V de Cramer	,119	,000
N de casos válidos	1923	

Chart 5: Indicators of Sampson et al. (1997) used in my survey.

your neighbors intervene if:	Very likely	Likely	Neither likely nor unlikely	Unlikely	Very unlikely
Children were skipping school and hanging out on the Street					
children were spray-painting graffiti on a local building					
Children were showing disrespect to an adult					
fight broke out in front of their house					
A service closest to their home was threatened with budget cuts					

How strongly they agreed	Totally agree	Agree	Neither agree nor disagree	Somewhat disagree	Totally disagree
People around here are willing to help their neighbors					
This is a close-knit neighborhood					
People in this neighborhood can be trusted					
People in this neighborhood share the same values					

Chart 6: Indicators of Sutherland et al. (2013) used in my survey.

How strongly they agreed	Totally agree	Agree	Neither agree nor disagree	Somewhat disagree	Totally disagree
In my neighborhood we have a problem with the supervision of teenagers					

How strongly they agreed	Totally agree	Agree	Neither agree nor disagree	Somewhat disagree	Totally disagree
I have good Friends who live in this neighborhood					
Neighbors usually ask for favors					
Neighbors usually do activities together.					

How strongly they agreed	Totally agree	Agree	Neither agree nor disagree	Somewhat disagree	Totally disagree
I am interested in the things that happen in this neighborhood					
I always talk with my neighbors about the neighborhood					
I am part of the neighborhood association					

It's acceptable...	Totally agree	Agree	Neither agree nor disagree	Somewhat disagree	Totally disagree
Skipping a red light					
Skating in places where is banned					
Throwing trash in the street					
scratching cars					
Stealing a CD in a shop					
Drinking alcohol in the street					
Parking the car in a banned place					
Exceeding the speed limit					

Tables 6.1. Reliability Test. Cronbach Alpha

Estadísticos de fiabilidad

	Alfa de Cronbach basada en los elementos	
Alfa de Cronbach	tipificados	N de elementos
,708	,722	9

Estadísticos de los elementos

	Media	Desviación típica	N
Skipping_school	2,72	1,271	123
Spray_painting	3,04	1,162	123
Show_disrespect	3,12	1,053	123
Fight	2,73	1,337	123
Budget_cuts	3,15	1,076	123
Willing_help	2,77	1,172	123
Close_knit	2,63	1,307	123
Trusted	2,80	1,138	123
Same_values	2,33	1,603	123

Estadísticos total-elemento

	Media de la escala si se elimina el elemento	Varianza de la escala si se elimina el elemento	Correlación elemento-total corregida	Correlación múltiple al cuadrado	Alfa de Cronbach si se elimina el elemento
Skipping_school	22,58	32,033	,282	,181	,702
Spray_painting	22,25	31,862	,342	,392	,690
Show_disrespect	22,17	33,225	,278	,174	,701
Fight	22,56	30,363	,377	,454	,684
Budget_cuts	22,15	30,192	,537	,420	,658
Willing_help	22,52	28,317	,642	,510	,635
Close_knit	22,66	29,407	,464	,389	,666
Trusted	22,50	31,104	,418	,266	,677
Same_values	22,96	31,367	,210	,294	,728

The reliability test for the collective efficacy survey does not achieve the minimum 0.8. However, the result is almost 0.8. On the other hand, it is impossible to increase the reliability because according the SPSS results, regardless I delete the element of same values the maximum cronbach alpha is 0.728.

Table 7: Population Density in Sabadell per Districts

District	km ²	Inhabitants	Density
District 1	4,07	51.712	12.705,65
District 2	7,66	24.726	3.227,94
District 3	7,22	35.476	4.913,57
District 4	3,87	38.347	9.908,79
District 5	4,67	19.097	4.089,29
District 6	3,87	30.326	7.836,18
District 7	6,47	8.644	1.336,01
Total	37,83	208.328	5.506,95

Source: Sabadell City Council 2012

Chart and tables 8: Analysis of the social disorganization theory variables**Table 8.1: Growth rate in Sabadell per Districts**

District	Population	Natural Growth	Immigration Growth	Total Growth	Growth rate
1	51.712	80	560	640	1,2
2	24.726	90	148	238	1,0
3	35.476	104	135	239	0,7
4	38.347	252	12	264	0,7
5	19.097	56	135	191	1,0
6	30.326	62	206	268	0,9
7	8.644	103	96	199	2,3
Total	208.328	747	1.292	2039	1,0

District	Births	Deaths	Natural Growth
1	555	475	80
2	292	202	90
3	347	243	104
4	467	215	252
5	221	165	56
6	320	258	62
7	151	48	103
Total	2.353	1.606	747

District	Immigration	Emigration	Growth
1	2.245	1.685	560
2	1.214	1.066	148
3	1.328	1.193	135
4	1.168	1.156	12
5	804	669	135
6	1.647	1.441	206
7	416	320	96
Total	8.822	7.530	1.292

Source: own tables built with Sabadell city council data.

Table 8.2: Address Change in Sabadell per Districts

District	Address Changes	Address change rate
1	217	0,42
2	-49	-0,2
3	-233	-0,66
4	358	0,93
5	21	0,11
6	-211	-0,7
7	-103	-1,19

Source: own tables built with Sabadell city council data

Table 8.3: Foreign Population in Sabadell per Districts

District	Population	Foreign population	% Foreign population
D1	51.712	4104	7,9
D2	24.726	3815	15,4
D3	35.476	4044	11,4
D4	38.347	4352	11,3
D5	19.097	2095	11,0
D6	30.326	5865	19,3
D7	8.644	1377	15,9

Source: own tables built with Sabadell city council data

Table 8.4: Population helped by social services in Sabadell per District

District	Population	Population helped by Social services	% Population in SSSS
D1	51.712	801	1,5
D2	24.726	885	3,2
D3	35.476	1261	2,3
D4	38.347	1088	2,1
D5	19.097	982	4,2
D6	30.326	1359	2,6
D7	8.644	-	-
Sabadell	208.328	6349	3,0

	Students	Population	Students enrolled in private schools
District 1	1.145	51.712	2,21
District 2	80	24.726	0,32
District 4	2.280	38.347	5,95
District 6	1.461	30.326	4,82

Table 8.4: Incivilities rate in Sabadell per districts

	Population	Incivilities	Incivilities Rate
D1	51.712	740	1,4
D2	24.726	558	2,3
D3	35.476	212	0,6
D4	38.347	511	1,3
D5	19.097	357	1,9
D6	30.326	290	1,0
D7	8.644	45	0,5
Total	208.328	2713	1,3

District	Population	Unemployed population	Unemployment rate
D1	51.712	4142	8,0
D2	24.726	2129	8,6
D3	35.476	4228	11,9
D4	38.347	4363	11,4
D5	19.097	1506	7,9
D6	30.326	2186	7,2
D7	8.644	1275	14,8
	208.328	21496	10,3

Tables 9: Collective Efficacy. Tests Kruskal Wallis

First of all, I wanted to know if the sample is normal in order to do a parametric test or not. In this case the sample is lower than 50, but the alpha is higher than 0.05. For this reason, I did a parametric test for k mean independent variables, or a Scheffé Test. This test shows that the only significant difference is between Frederic Soler and Rambla.

Pruebas de normalidad

carrer_recod	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Estadístico	gl	Sig.	Estadístico	gl	Sig.
EC Sant Ferran	,137	23	,200 [*]	,968	23	,645
Frederic soler/ Permanyer	,171	16	,200 [*]	,904	16	,093
Rambla	,115	22	,200 [*]	,968	22	,672
Montserrat	,123	20	,200 [*]	,945	20	,302

a. Corrección de la significación de Lilliefors

*. Este es un límite inferior de la significación verdadera.

Comparaciones múltiples

Scheffé

(I) carrer_recod	(J) carrer_recod	Diferencia de medias (I-J)	Error típico	Sig.	Intervalo de Límite inferior
Sant Ferran	Frederic soler/ Permanyer	-,34198	,20827	,446	-,9373
	Rambla	,53898	,19079	,054	-,0064
	Montserrat	,05989	,19561	,993	-,4992
Frederic soler/ Permanyer	Sant Ferran	,34198	,20827	,446	-,2533
	Rambla	,88097 [*]	,21021	,001	,2801
	Montserrat	,40188	,21459	,327	-,2115
Rambla	Sant Ferran	-,53898	,19079	,054	-1,0843
	Frederic soler/ Permanyer	-,88097 [*]	,21021	,001	-1,4818
	Montserrat	-,47909	,19766	,127	-1,0441
Montserrat	Sant Ferran	-,05989	,19561	,993	-,6190
	Frederic soler/ Permanyer	-,40188	,21459	,327	-1,0152
	Rambla	,47909	,19766	,127	-,0859

*. La diferencia de medias es significativa al nivel 0.05.

When I obtained that there are significant differences between two streets of two different districts I tried to do another test taking into account the District level. For this reason, I calculated the collective efficacy for Rambla and Montserrat together and Frederic Soler and Sant Ferran together. First of all, I did a normality test. And I obtained that both cases are normal for this reason I did a T test for independent variables. According to the Levene Test we assume that the variance is the same and then there are significant differences between districts. For this reason, District 1 has a lower collective efficacy than District 5.

Pruebas de normalidad

Districte	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Estadístico	gl	Sig.	Estadístico	gl	Sig.
EC 1,00	,085	42	,200*	,983	42	,791
5,00	,107	39	,200*	,957	39	,140

a. Corrección de la significación de Lilliefors

*. Este es un límite inferior de la significación verdadera.

Estadísticos de grupo

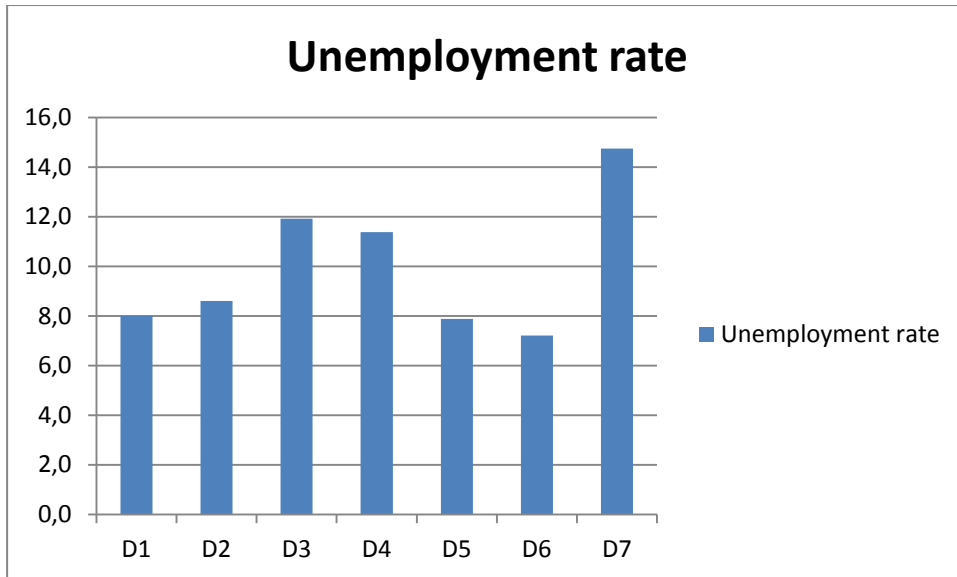
Districte	N	Media	Desviación típ.	Error típ. de la media
EC 1,00	42	2,4815	,71642	,11055
5,00	39	2,9327	,60657	,09713

Prueba de muestras independientes

		igualdad de varianzas		Prueba T para la igualdad de medias						
		F	Sig.	t	gl	Sig. (bilateral)	Diferencia de medias	Error típ. de la diferencia	para la diferencia	
									Inferior	Superior
EC	Se han asumido varianzas iguales	1,597	,210	-3,047	79	,003	-,45114	,14807	-,74587	-,15642
	No se han asumido varianzas iguales			-3,066	78,354	,003	-,45114	,14716	-,74409	-,15820

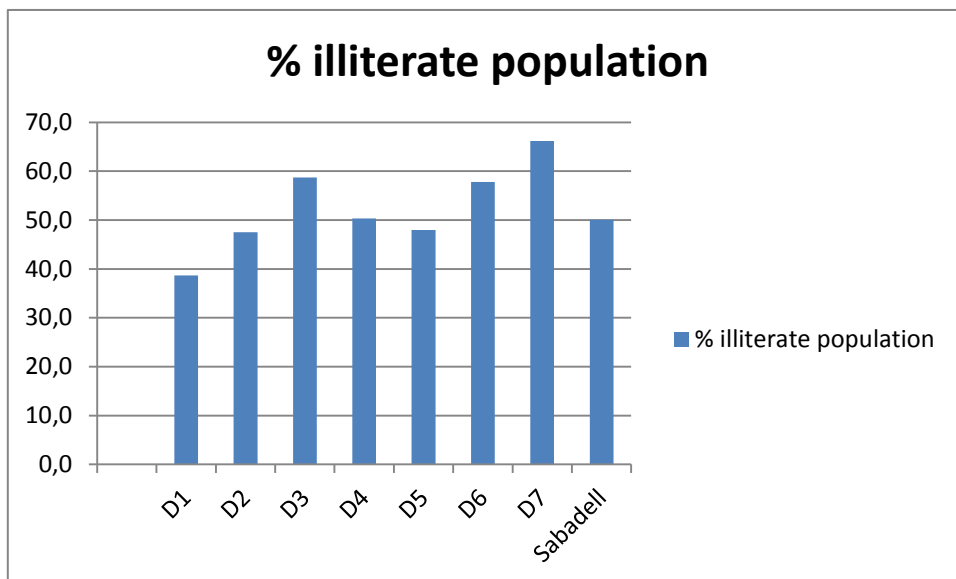
Chart 10: Motivated offender in Sabadell

Chart 10.1. Unemployment rate in Sabadell per Districts



Source: own graphic built with city council data.

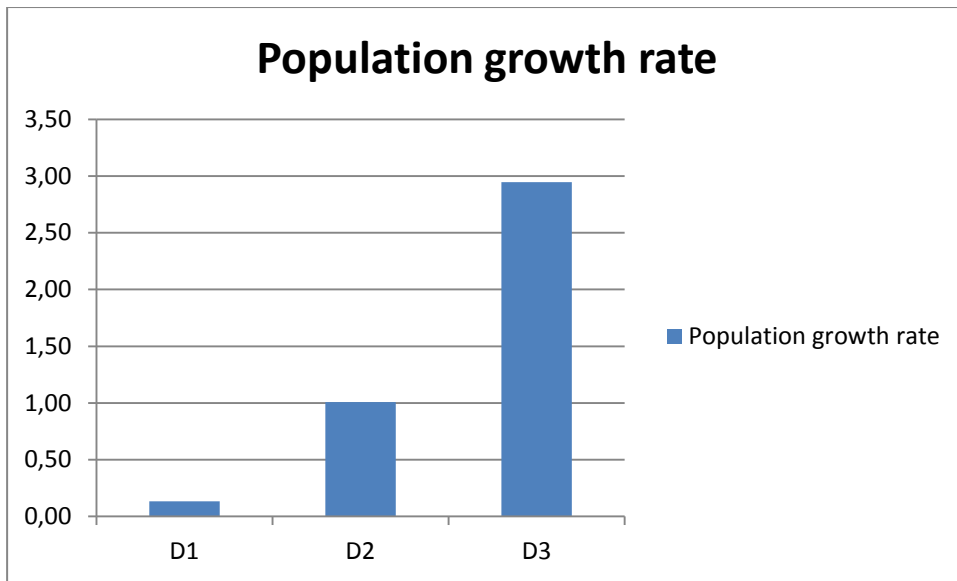
Chart 10.2: Illiterate population rate in Sabadell per District



Source: own graphic built with city council data.

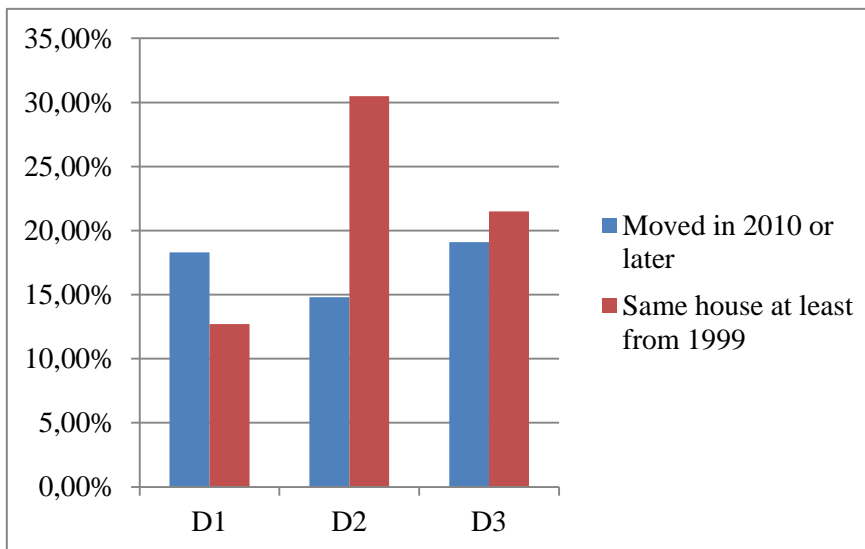
Chart and tables 11: Analysis of the social disorganization theory variables. Miami Beach.

Chart 11.1: Population growth rate in Miami Beach per Districts



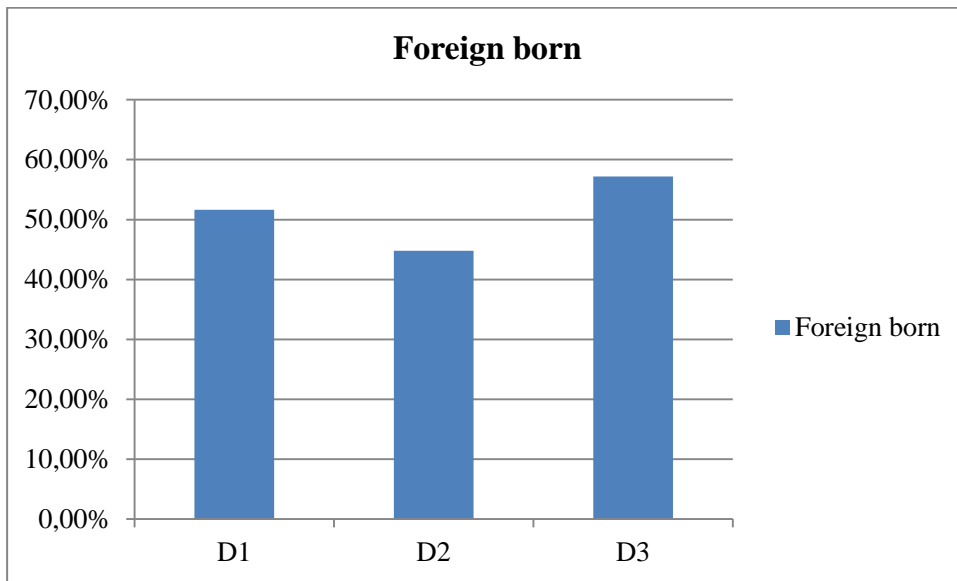
Source: Own chart built with census data.

Chart 11.2: Rate of people moved in 2010 in Miami Beach per districts



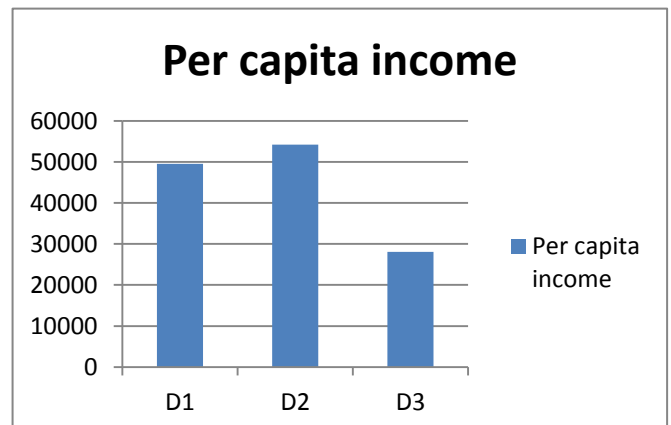
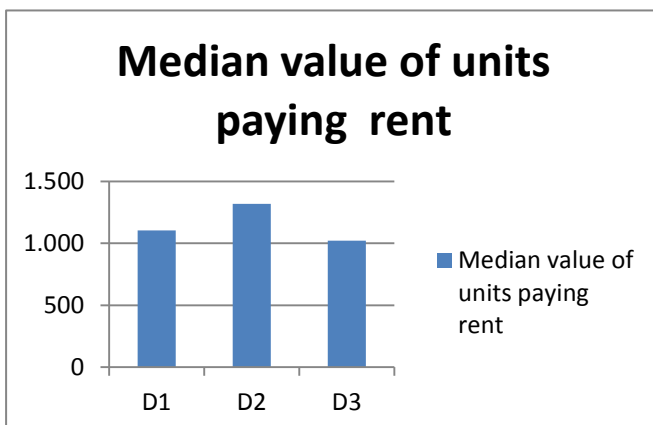
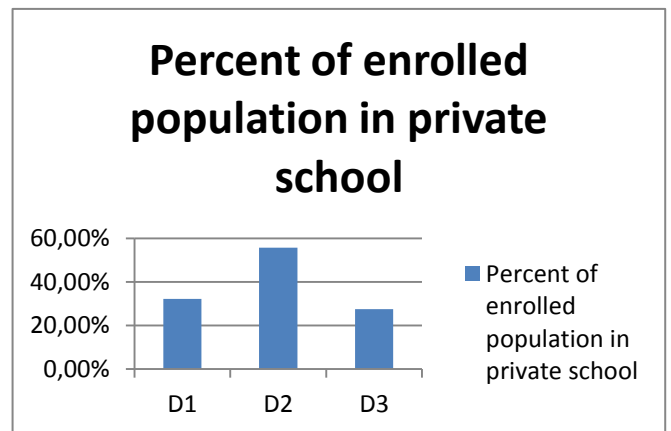
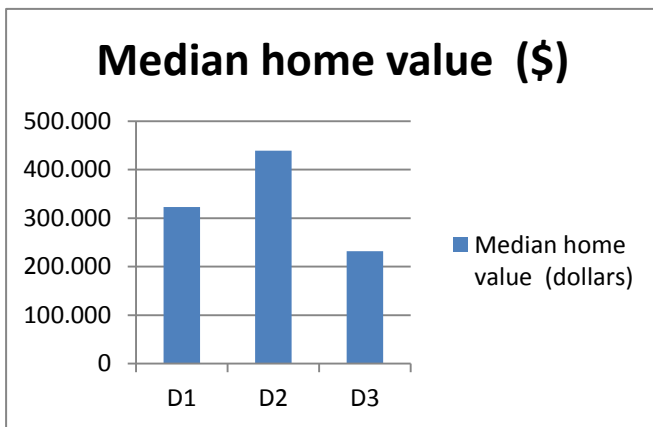
Source: Own chart built with census data.

Chart 11.3: Foreign Born rate in Miami Beach per districts



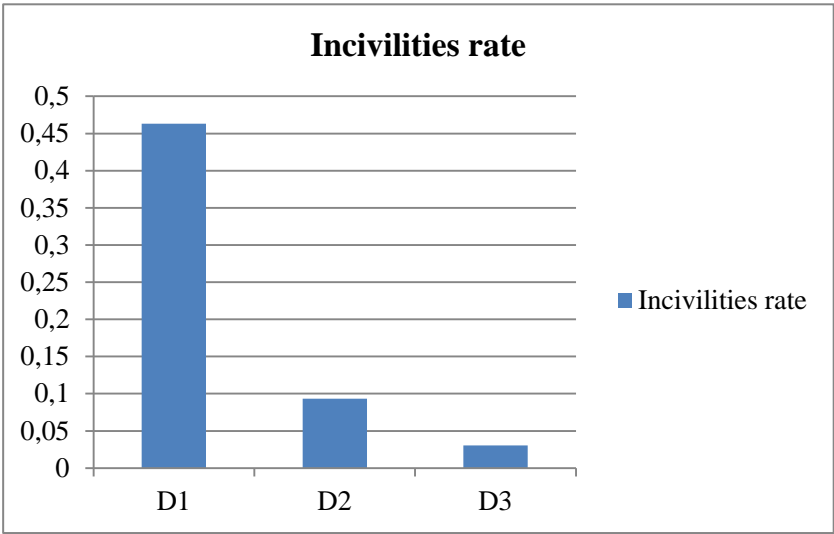
Source: Own chart built with census data

Chart 11.4: Poverty concentration in Miami Beach per districts



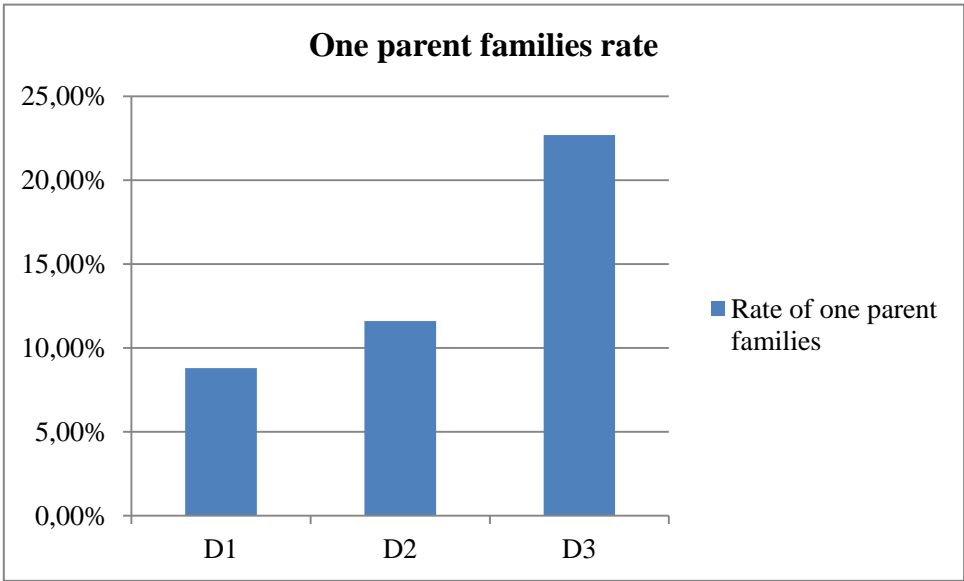
Source: Own charts built with census data

Chart 11.5: Incivilities rate in Miami Beach per districts



Source: own chart built with census data

Chart 11.6: One parent families rate in Miami Beach per districts



Source: own chart built with census data

Tables 12: Collective efficacy test in Miami Beach

First of all, I wanted to know if the sample is normal in order to do a parametric test or not. In this case the sample is lower than 50, but the alpha is higher than 0.05. For this reason, I did T test for two independent variables and a Levene Test in order to know if I assume equal or different variances. The alpha is higher than 0.05 for this reason I assume equal variances. According to the chart attached below, there are significant variances between the collective efficacy in both streets.

Pruebas de normalidad

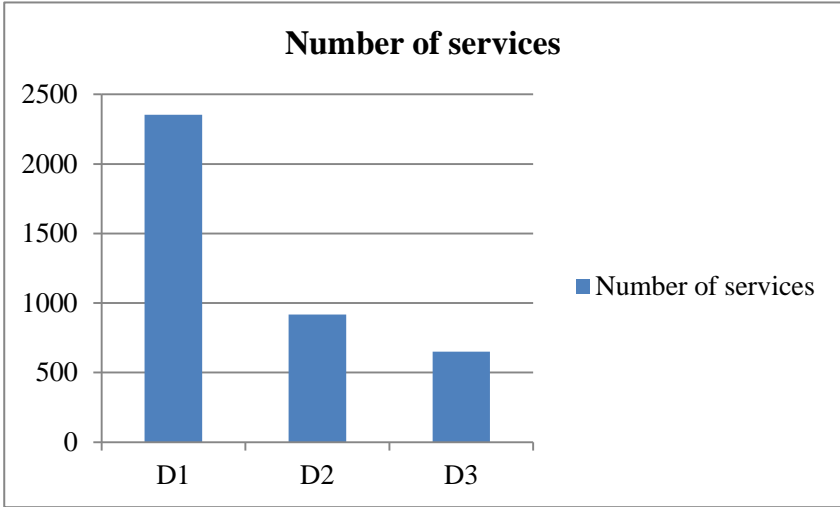
District		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Estadístico	gl	Sig.	Estadístico	gl	Sig.
EC	Districte 1	,181	21	,071	,876	21	,012
	Districte 2	,178	20	,095	,898	20	,038

a. Corrección de la significación de Lilliefors

Prueba de muestras independientes

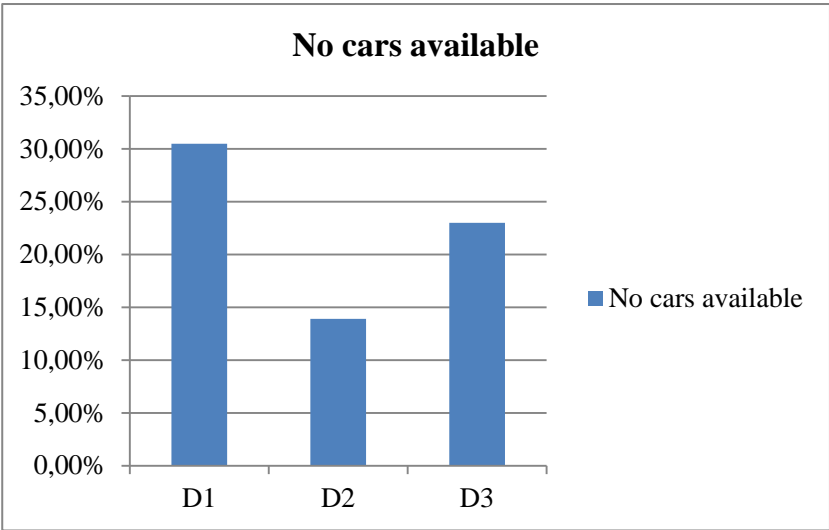
		Prueba de Levene para la igualdad de varianzas		Prueba T para la igualdad de medias						
		F	Sig.	t	gl	Sig. (bilateral)	Diferencia de medias	Error típ. de la diferencia	95% Intervalo de confianza para la diferencia	
									Inferior	Superior
EC	Se han asumido varianzas iguales	1,187	0,283	-3,238	39	0,002	-0,66488	0,20531	-1,08016	-0,2496
	No se han asumido varianzas iguales			-3,267	35,647	0,002	-0,66488	0,2035	-1,07775	-0,25202

Tables 13.1: Number of services in Miami Beach per districts



Source: own graphic built with census data.

Table 13.2. Rate of no cars available in Miami Beach per districts



Source: own graphic built with census data.

Map13.3: Nightclubs in Miami Beach per districts

Source: googlemaps. Distribution of nightclubs in Miami Beach.

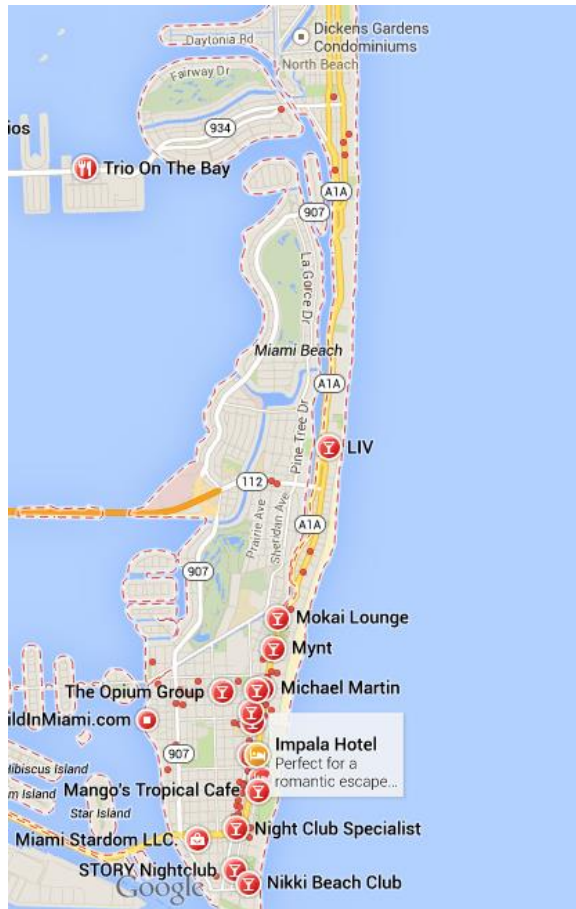
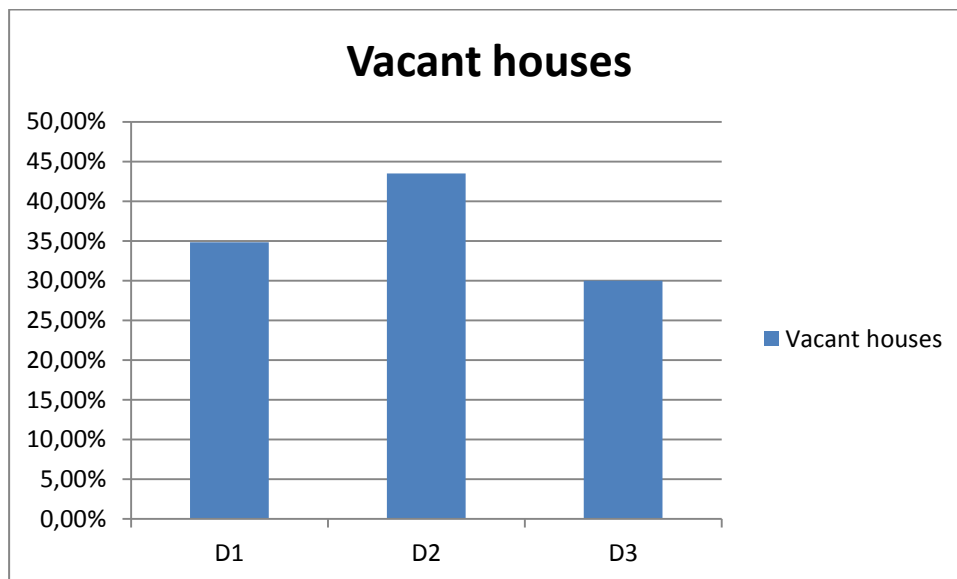
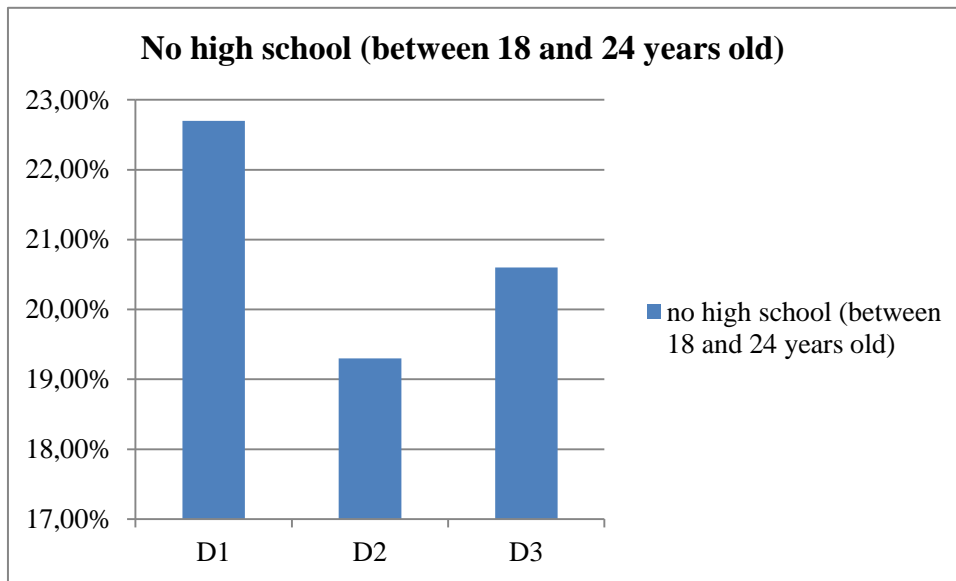


Table 13.4: Rate of vacant houses in Miami Beach per districts



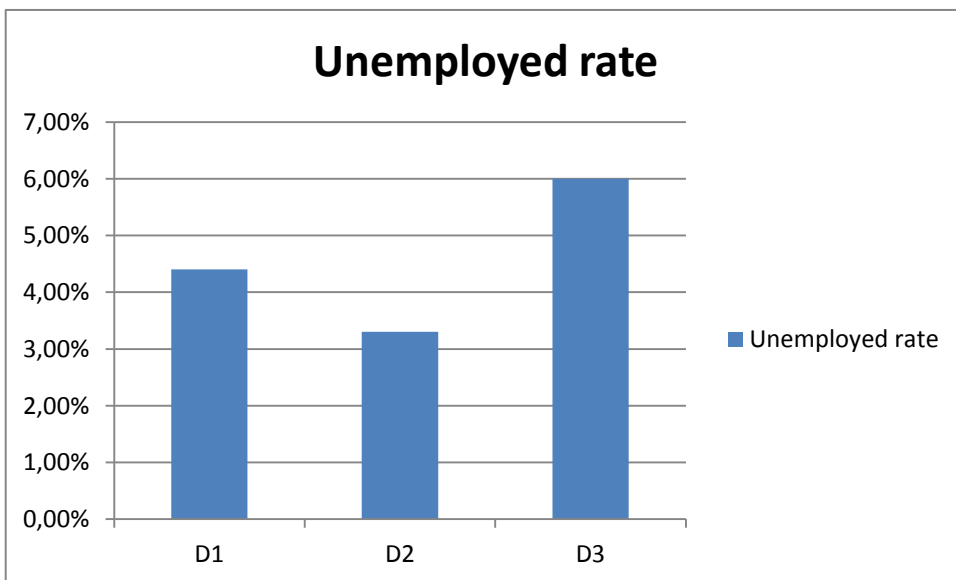
Source: own chart built with census data

Table 13.5: rate of teenagers with no high school in Miami Beach per districts



Source: Own charts built with census data

Table 13.6. Unemployment rate in Miami Beach per districts



Source: Own charts built with census data

Table 14: Analysis of the collective efficacy variables with other variables

Tables 14.1. Sabadell

Collective efficacy (y) = xarxa_social*x (0,205) + interés_grupal*x(0,179) + cinisme_moral*x(0,118) + percepció_ins.*x(-0,035)

Correlaciones

		xarxa_social	interes_grupal	cinisme_moral	Percepció_inseguretad
EC	Correlación de Pearson	,205*	,179	,118	-,035
	Sig. (unilateral)	,032	,054	,145	,378
	N	82	82	82	82

*. La correlación es significativa al nivel 0,05 (unilateral).

**.. La correlación es significativa al nivel 0,01 (unilateral).

	carrer_recod			
	Sant Ferran	Frederic soler/ Permanyer	Rambla	Montserrat
	Media	Media	Media	Media
EC	2,79	3,13	2,25	3,22

Tables 14.2. Miami

Correlaciones

		Social_ties	neighbor_involvement	Total_morality	Insecurity_perception
CE	Correlación de Pearson	,603**	,585**	,390**	-,144
	Sig. (unilateral)	,000	,000	,006	,185
	N	41	41	41	41

** . La correlación es significativa al nivel 0,01 (unilateral).

* . La correlación es significativa al nivel 0,05 (unilateral).

	Street			
	Pine Tree	Flamingo	Lincoln Road	16th Street
	Media	Media	Media	Media
CE	3,31	3,16	2,80	2,47

Comparaciones de medias de columnas^a

	Street			
	Pine Tree	Flamingo	Lincoln Road	16th Street
	(A)	(B)	(C)	(D)
	CE	D		

Los resultados se basan en pruebas bilaterales que asumen varianzas iguales con un nivel de significación 0.05. Para cada par significativo, la clave de la categoría menor aparece debajo de la categoría con una media mayor.

a. Utilizando la corrección de Bonferroni, se han ajustado las pruebas para todas las comparaciones por pares dentro de una fila para cada subtabla situada más al interior.