

Results:

***The impact of urban spaces in cities
happiness, stress and safety.***

January 2018



Report 1:

***The impact of green spaces in cities
happiness, stress and safety.***

EXPERIMENT 1: GREEN TRAM PATHWAYS

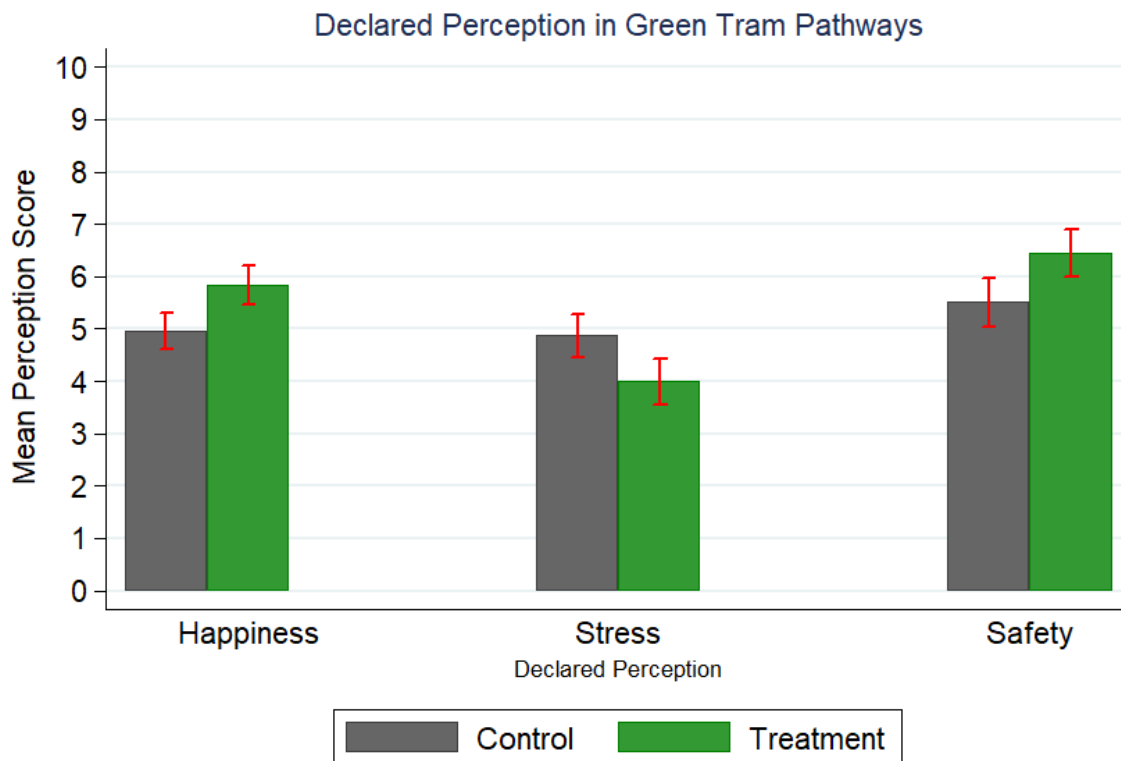
Overall Result:

Table 1: GREEN TRAM PATHWAYS (declared street perception)

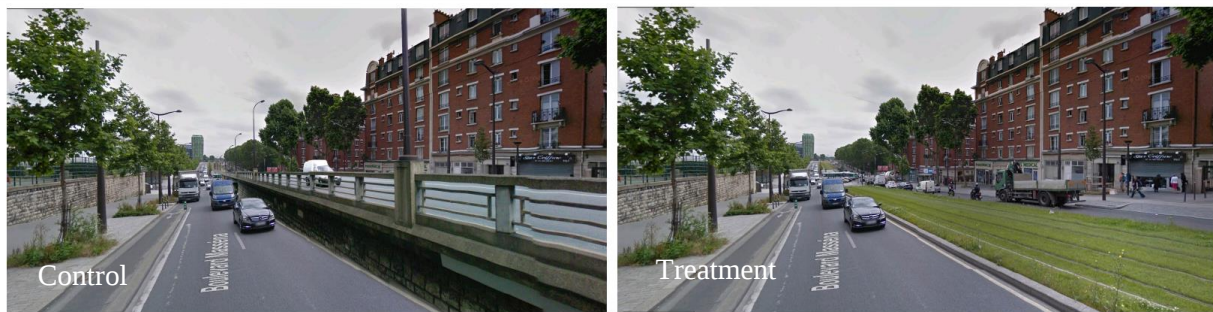
	<i>Happiness</i>	<i>Stress</i>	<i>Safety</i>
VARIABLES	perception	perception	perception
Change (%)	+17.7%	-18.1%	+17.3%
Treatment	0.885*** (0.253)	-0.877*** (0.303)	0.945*** (0.330)
Constant	4.960*** (0.171)	4.868*** (0.204)	5.504*** (0.235)
Observations	242	239	237
R-squared	0.049	0.034	0.034

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1



Picture 1:



Picture 2:



Picture 3:



Experiment 2: GREEN PEDESTRIAN AREAS

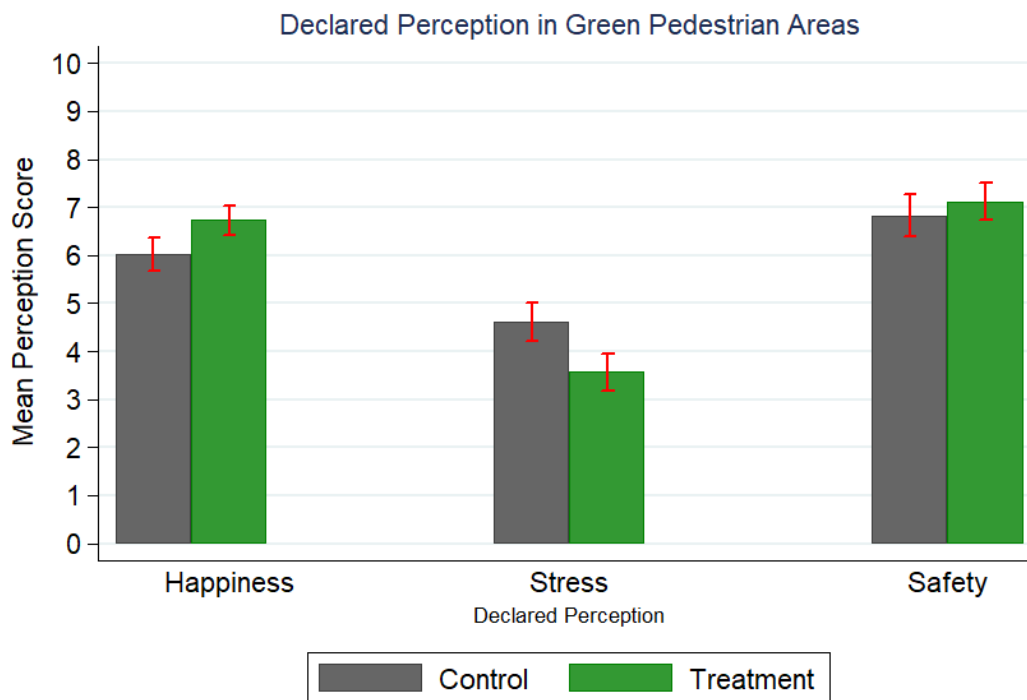
Overall Result:

Table 4.A: GREEN PEDESTRIAN AREAS (declared street perception)

VARIABLES	<i>Happiness</i> perception	<i>Stress</i> perception	<i>Safety</i> perception
Change (%)	+11.6%	-22.7%	+4.2%
Treatment	0.707*** (0.234)	-1.047*** (0.279)	0.293 (0.298)
Constant	6.025*** (0.173)	4.616*** (0.198)	6.827*** (0.225)
Observations	243	241	243
R-squared	0.036	0.055	0.004

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1



(Experimental Results)

Picture 4:



Picture 5:



Picture 6:



Experiment 3: GREEN ROADS

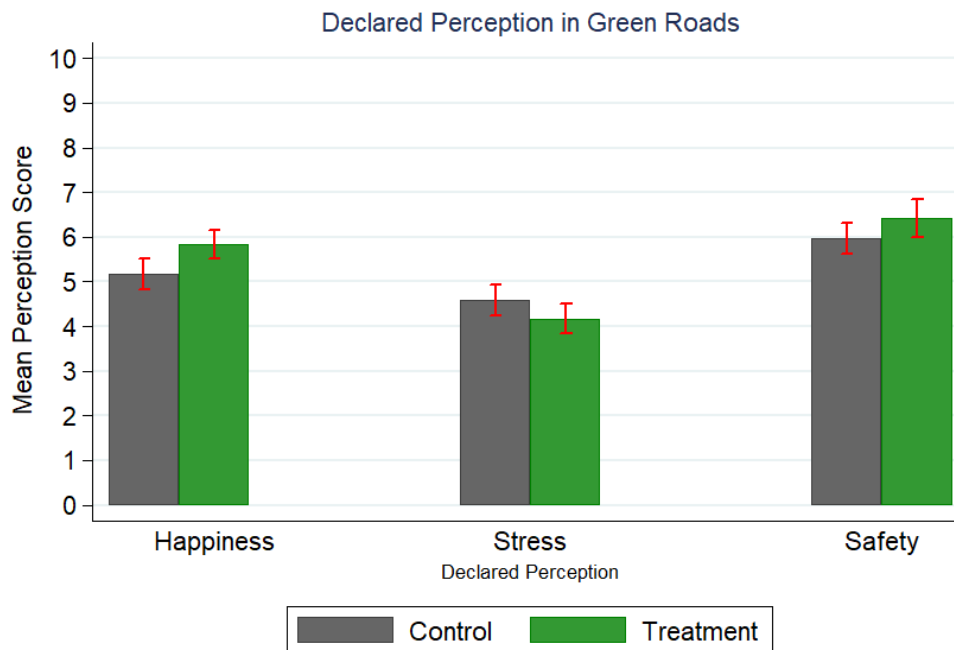
Overall Result:

Table 2.A: GREEN ROADS (declared street perception)

VARIABLES	<i>Happiness</i> perception	<i>Stress</i> perception	<i>Safety</i> perception
Change (%)	+12.8%	+9.3%	7.7%
Treatment	0.661*** (0.237)	-0.427* (0.243)	0.465* (0.280)
Constant	5.169*** (0.175)	4.599*** (0.175)	5.965*** (0.180)
Observations	324	320	316
R-squared	0.024	0.010	0.009

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1



(Experimental Results)

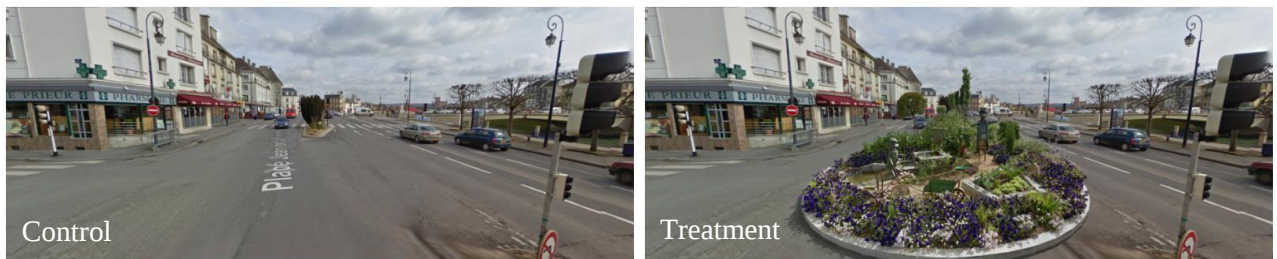
Picture 7:



Picture 8:



Picture 9:



Picture 10:



Experiment 4: GREENER STREETS LANDSCAPES

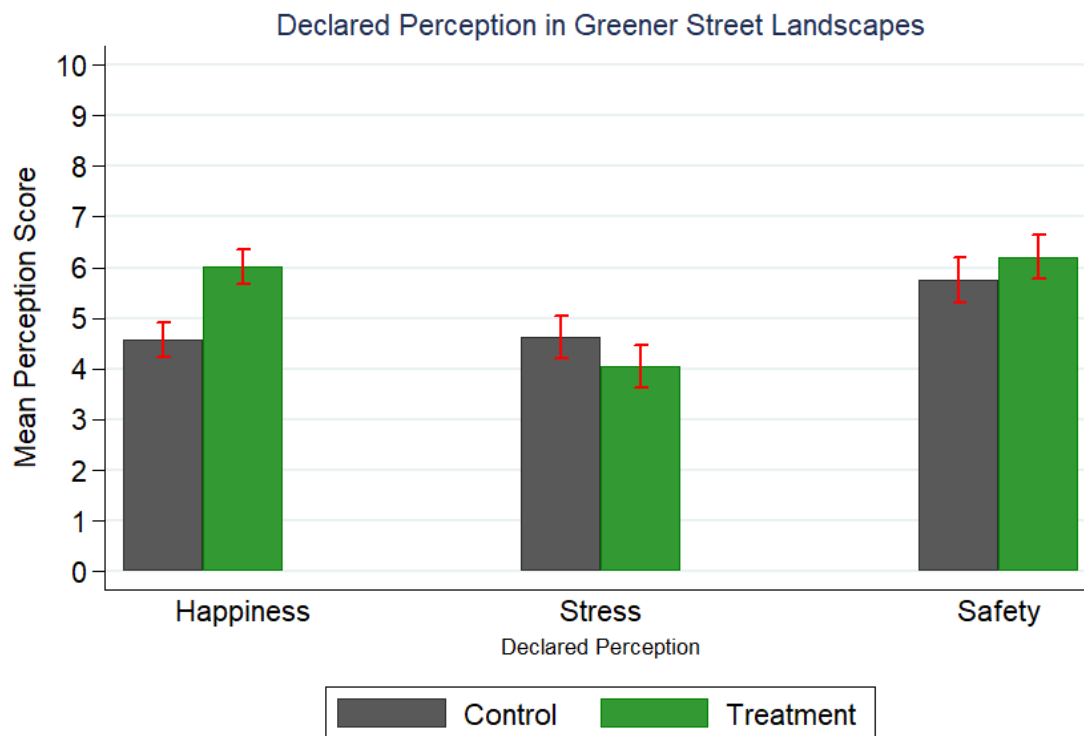
Overall Result:

Table 3.A: GREENER STREETS LANDSCAPES (declared street perception)

VARIABLES	Happiness perception	Stress perception	Safety perception
Change (%)	+31.7%	-12.7%	7.8%
Treatment	1.443*** (0.249)	-0.586** (0.295)	0.452 (0.313)
Constant	4.574*** (0.176)	4.626*** (0.208)	5.752*** (0.223)
Observations	242	240	236
R-squared	0.122	0.016	0.009

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

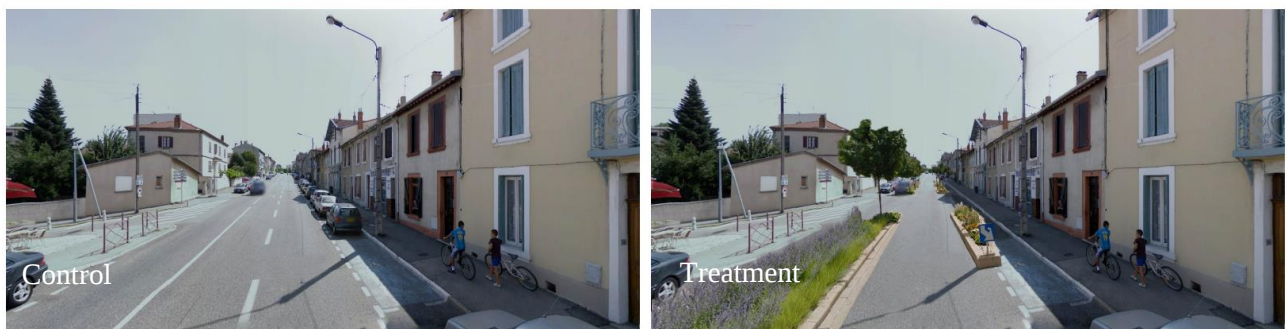


(Experimental Results)

Picture 11:



Picture 12:



Picture 13:





Report 2

The impact of heritage interventions in happiness, stress and safety.

Experiment 5: PAINTING FACADES IN HERITAGE SITES

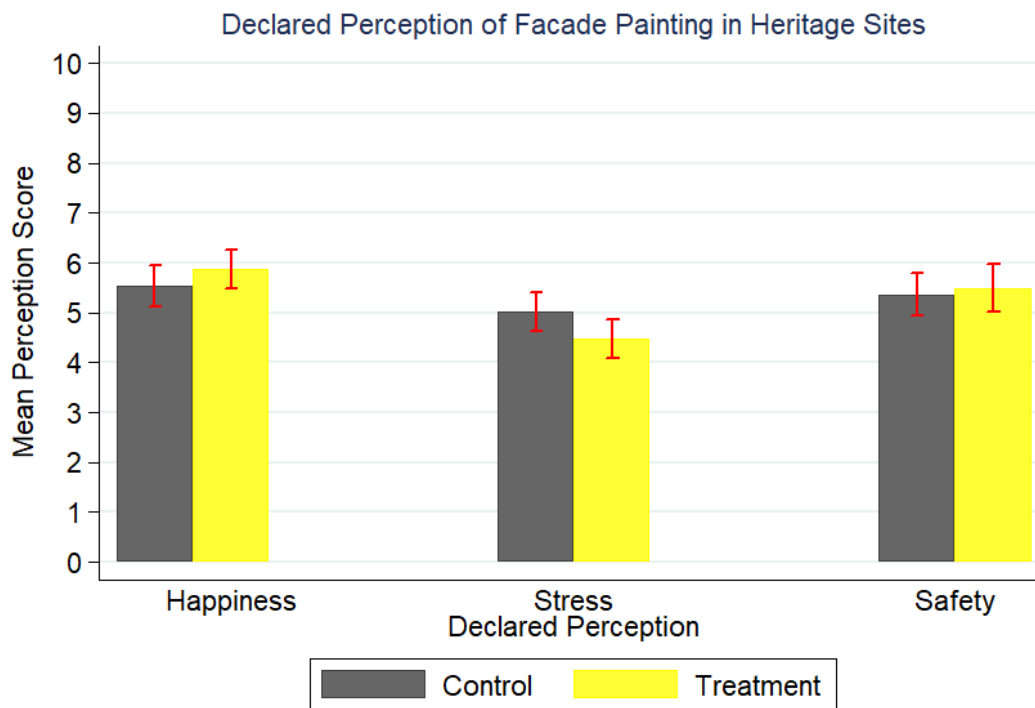
Overall Result:

Table 5.A: PAINTING FACADES IN HERITAGE SITES (declared street perception)

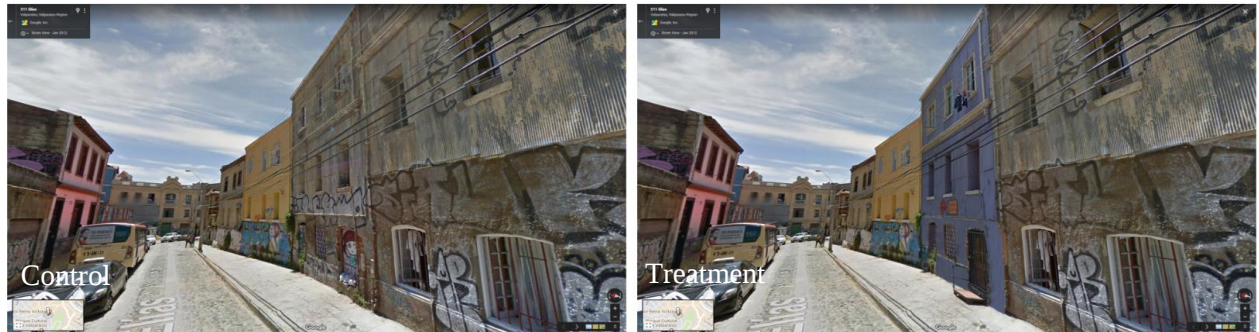
	<i>Happiness</i>	<i>Stress</i>	<i>Safety</i>
VARIABLES	perception	perception	perception
Change (%)	+6.3%	-11.0%	+2.4%
Treatment	0.344 (0.282)	-0.546** (0.276)	0.129 (0.328)
Constant	5.533*** (0.205)	5.016*** (0.192)	5.367*** (0.216)
Observations	242	240	237
R-squared	0.006	0.016	0.001

Robust standard errors in parentheses

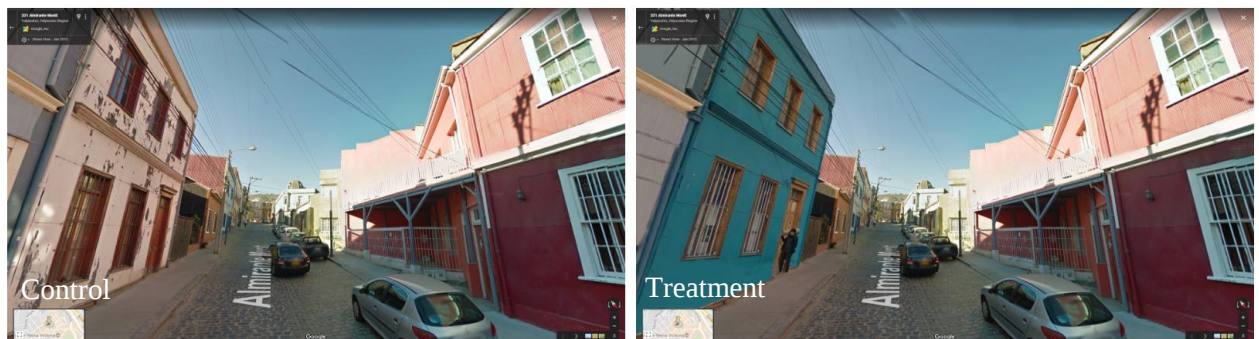
*** p<0.01, ** p<0.05, * p<0.1



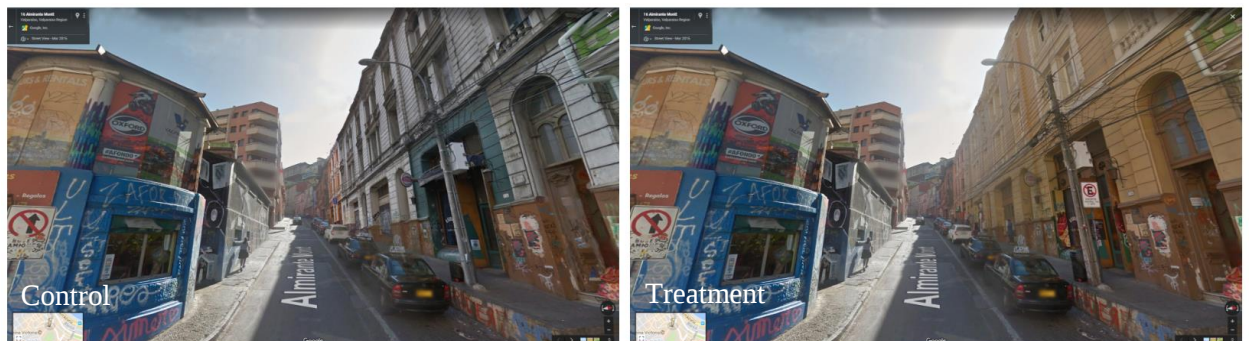
Picture 14:



Picture 15:



Picture 16:



Experiment 6: CLEANING FACADES IN HERITAGE SITES

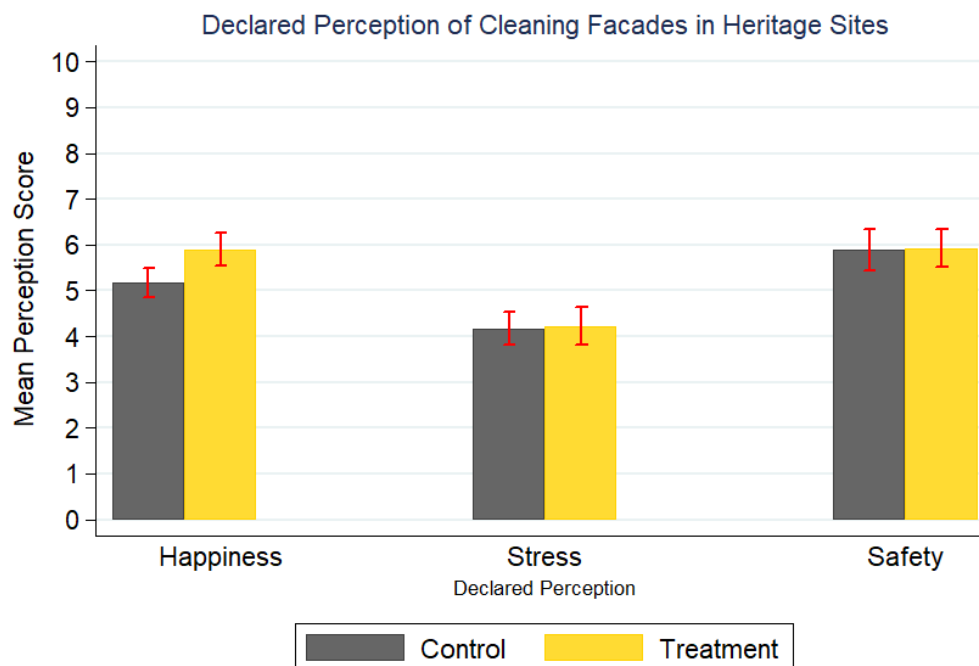
Overall Result:

Table 6.A: CLEANING FACADES IN HERITAGE SITES (declared street perception)

	<i>Happiness</i>	<i>Stress</i>	<i>Safety</i>
VARIABLES	perception	perception	perception
Change (%)	+13.9%	+1.4%	+0.5%
Treatment	0.720*** (0.241)	0.0580 (0.273)	0.0300 (0.309)
Constant	5.180*** (0.162)	4.169*** (0.182)	5.896*** (0.227)
Observations	242	240	236
R-squared	0.036	0.000	0.000

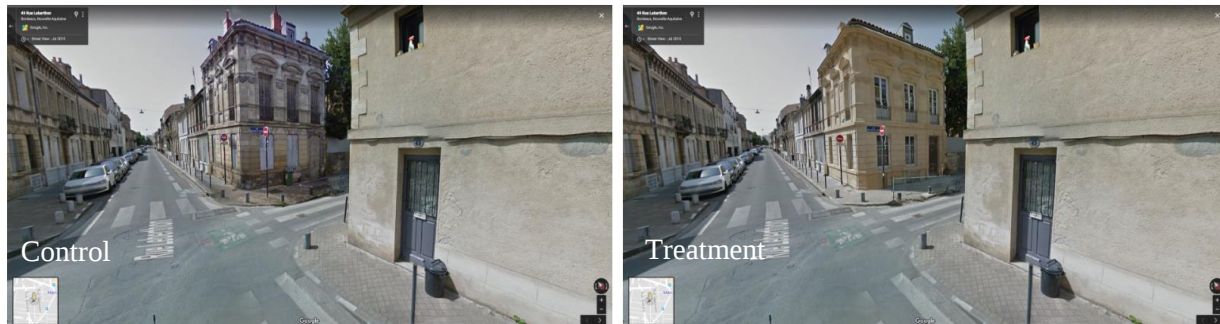
Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

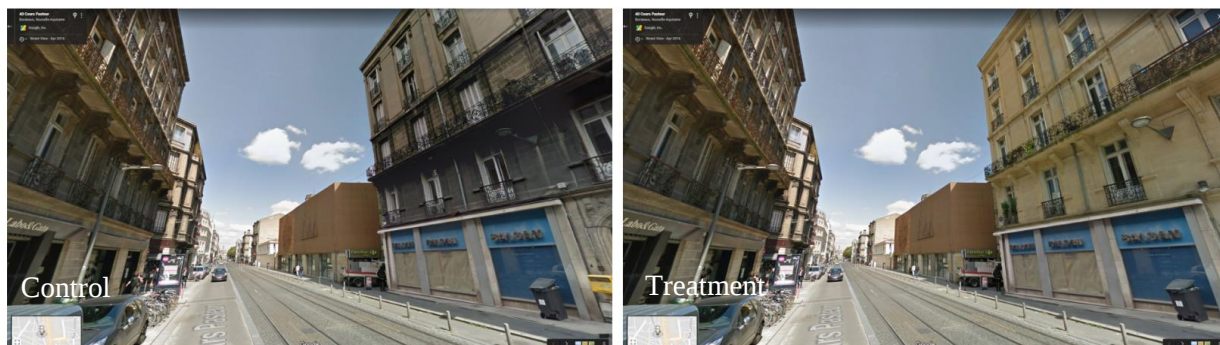


(Experimental Results)

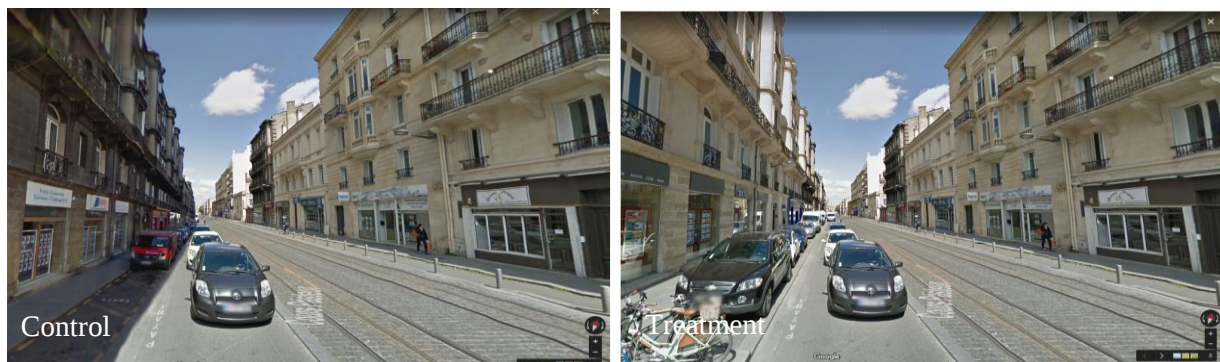
Picture 17:



Picture 18:



Picture 19:



Experiment 7: MODERN EXTENSIONS IN HERITAGE BUILDINGS

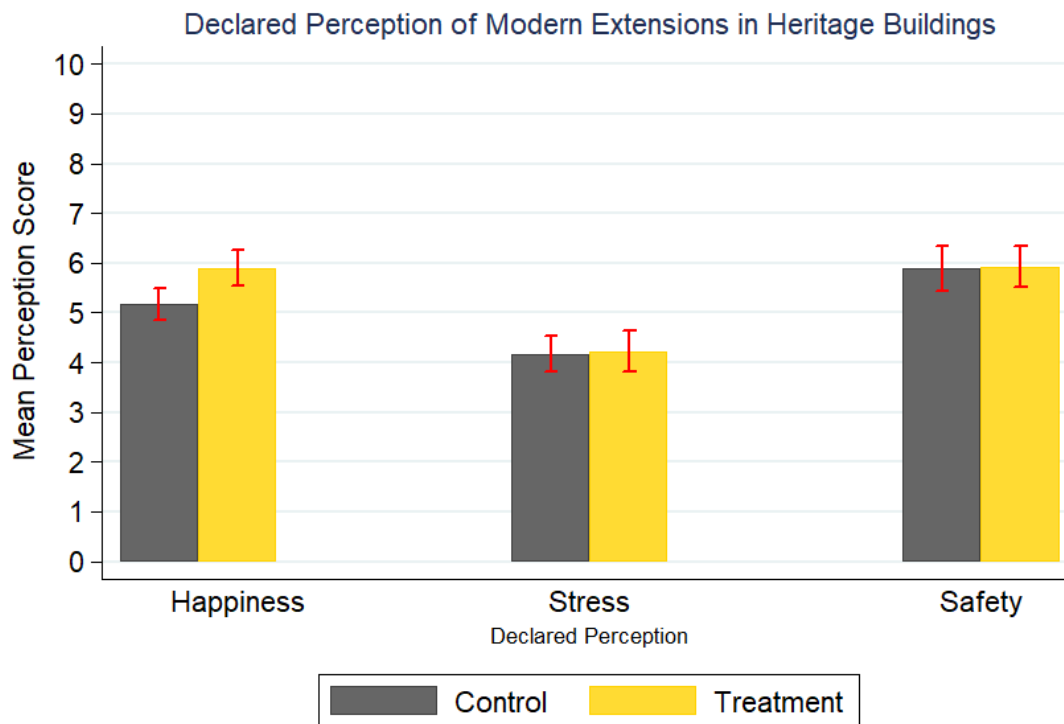
Overall Result:

Table 7.A: MODERN EXTENSIONS IN HERITAGE BUILDINGS (declared street perception)

VARIABLES	<i>Happiness</i> perception	<i>Stress</i> perception	<i>Safety</i> perception
Change (%)	+5.1%	-9.1%	-8.4%
Treatment	0.301 (0.258)	-0.424 (0.330)	-0.583* (0.318)
Constant	5.906*** (0.177)	4.746*** (0.236)	7.056*** (0.216)
Observations	243	240	237
R-squared	0.006	0.007	0.014

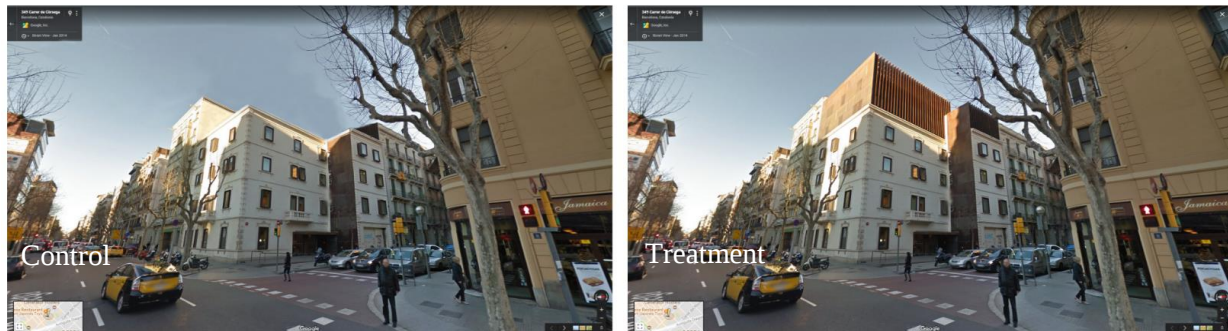
Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

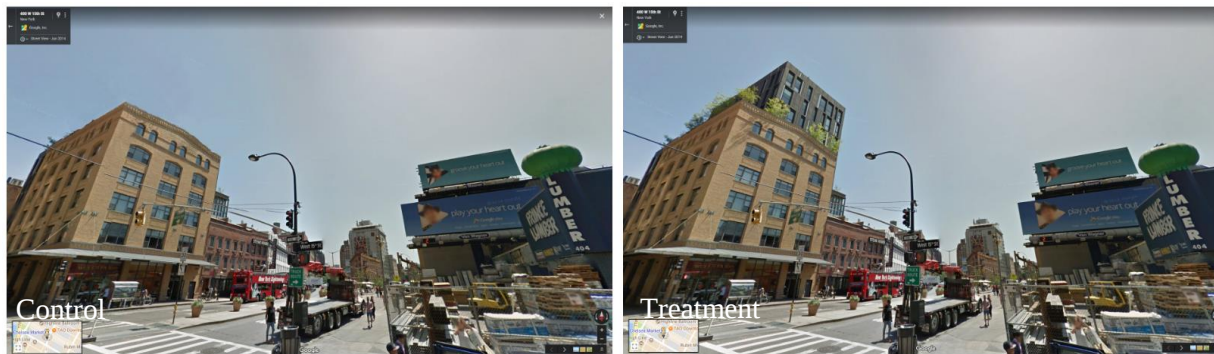


(Experimental Results)

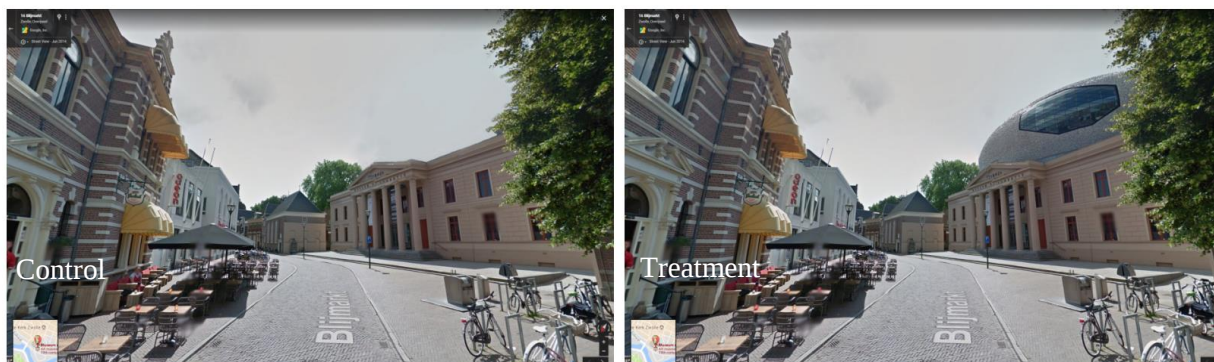
Picture 20:



Picture 21:



Picture 22:



Experiment 8: TOWERS IN HERITAGE SITES

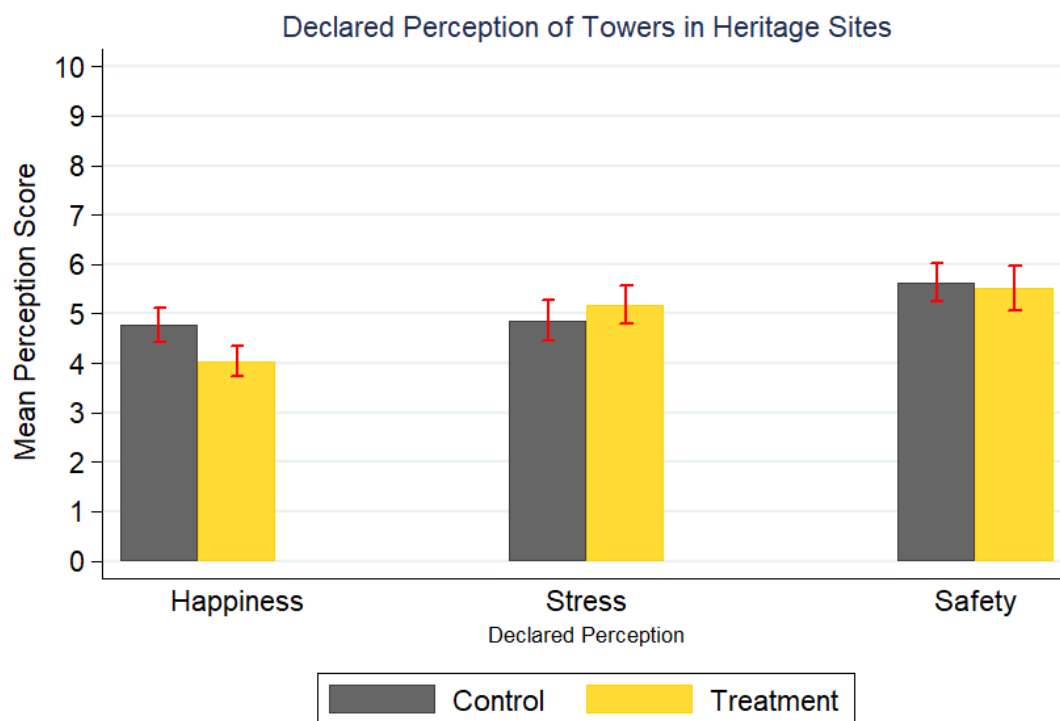
Overall Result:

Table 8. A: TOWERS IN HERITAGE SITES (declared street perception)

	<i>Happiness</i>	<i>Stress</i>	<i>Safety</i>
VARIABLES	perception	perception	perception
Change (%)	-15.3%	+6.6%	-2.1%
Treatment	-0.732*** (0.230)	0.322 (0.286)	-0.120 (0.296)
Constant	4.770*** (0.172)	4.856*** (0.208)	5.634*** (0.194)
Observations	244	240	237
R-squared	0.040	0.005	0.001

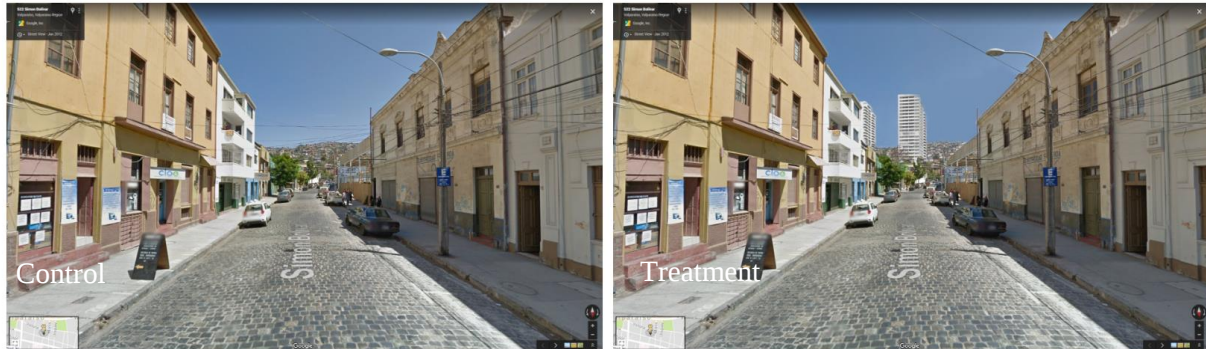
Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

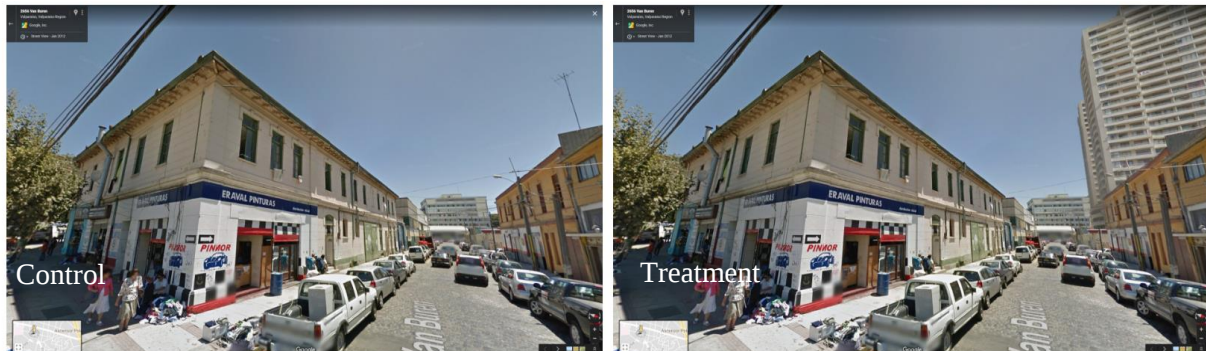


(Experimental Results)

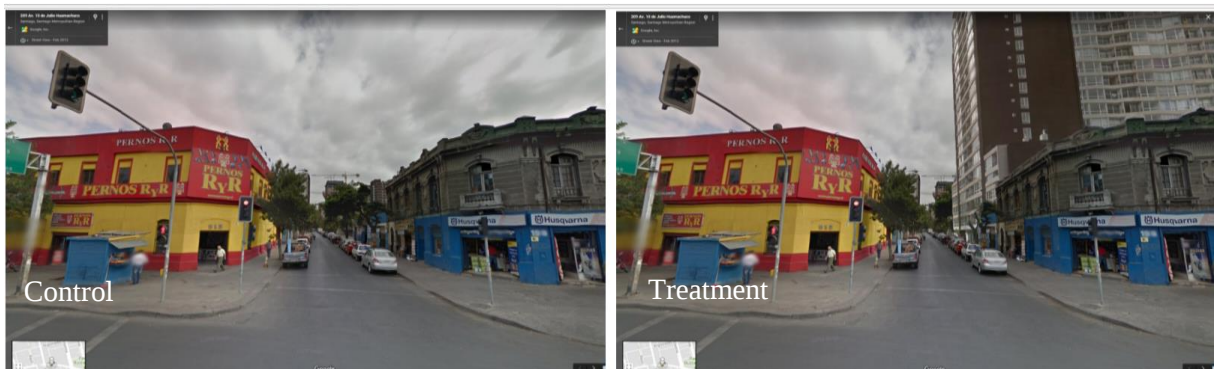
Picture 23:



Picture 24:



Picture 25:





UE

Urban Experiments

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