

Table A1*Fit Statistics of Group-based Trajectory Analysis*

#Groups	2	3	4	5	6	7	8
Weekday							
<i>Terms: Linear</i>							
LogL	-97037.85	-91204.74	-87997.38	-85698.89	-84453.25	-83569.66	-82298.36
BIC	194147.9	182523.0	176139.2	171583.5	169143.9	167407.6	164906.3
<i>Terms: Quadratic</i>							
LogL	-97001.88	-91163.12	-87935.54	-85654.93	-84399.35	-83495.44	-82229.93
BIC	194096.6	182470.7	176067.1	171547.2	169087.6	167331.4	164862.3
<i>Terms: Cubic</i>							
LogL	-96971.79	-91130.03	-87885.83	-85591.82	-84333.82	-83236.10	-82071.57
BIC	194046.8	182425.2	175988.4	171472.6	169028.8	166885.0	164617.8
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Weekend							
<i>Terms: Linear</i>							
LogL	-96677.87	-90005.73	-87099.89	-84281.89	-82543.75	-81430.59	-80559.46
BIC	193428.0	180114.7	174344.2	168749.5	165324.8	163139.8	161438.8
<i>Terms: Quadratic</i>							
LogL	-96654.23	-89975.35	-87050.22	-84222.90	-82470.56	-81327.11	-80453.72
BIC	193401.3	180095.2	174296.5	168683.1	165230.1	162994.8	161309.9
<i>Terms: Cubic</i>							
LogL	-96646.51	-89965.04	-87035.30	-84208.02	-82450.18	-81309.74	-80432.30
BIC	193396.2	180095.2	174287.3	168674.0	165251.2	163011.6	161329.0

Table A2*Predicting Daily Standard Deviation of Income Segregation (N=1,193)*

	Weekday	Weekend
Grid Characteristics		
Transportation	0.337* (0.162)	0.506*** (0.148)
Education		
Primary/Middle School	-0.491*** (0.113)	-0.468*** (0.103)
Post-Secondary Education	-0.0003 (0.122)	0.008 (0.111)
General/Specialty	-0.182 (0.126)	-0.194 [†] (0.115)
Community	-0.058 (0.128)	-0.012 (0.116)
Residential	-0.566*** (0.133)	-0.905*** (0.121)
Retail		
Supermarket	-0.403*** (0.112)	-0.325** (0.102)
Wholesale Market	-0.238 [†] (0.130)	-0.035 (0.119)
Street Market	-0.157 (0.193)	-0.076 (0.176)
Shopping Center	-0.319** (0.115)	-0.301** (0.105)
Public Facility	-0.075 (0.101)	-0.086 (0.093)
Entertainment	-0.122 (0.123)	-0.108 (0.112)
Accommodation	-0.275* (0.125)	-0.339** (0.114)
Office	-0.229 [†] (0.118)	-0.138 (0.107)
Neighborhood Characteristics		
#Residents (ln)	-0.114 (0.084)	-0.176* (0.078)
Non-local Rate (%)	0.053 (0.264)	0.098 (0.244)
Intercept	5.056*** (0.614)	5.342*** (0.570)
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Log Likelihood	-2,251.238	-2,143.073
Intra-class Correlation (ICC)	0.185	0.204

Note:

[†]p<0.1; * p<0.05; ** p<0.01; *** p<0.001

Table A3*Predicting Significant Group Membership Shifts between Weekday and Weekend (N=1,193)*

	Change >=2	Change >= 3
Grid Characteristics		
Transportation	0.665 [†] (0.354)	0.237 (0.784)
Education		
Primary/Middle School	-0.590* (0.269)	-1.195* (0.536)
Post-Secondary Education	-0.009 (0.300)	0.550 (0.492)
Hospital		
General/Specialty	-0.141 (0.353)	-0.334 (0.784)
Community	0.197 (0.360)	-0.211 (0.797)
Residential	-0.196 (0.253)	0.043 (0.399)
Retail		
Supermarket	-0.124 (0.285)	0.661 (0.467)
Wholesale Market	0.181 (0.336)	0.287 (0.670)
Street Market	0.757 (0.484)	0.838 (1.119)
Shopping Center	-1.034** (0.356)	-1.477 [†] (0.805)
Public Facility	-0.095 (0.235)	0.085 (0.401)
Entertainment	-0.840** (0.311)	-1.508* (0.699)
Accommodation	0.007 (0.297)	-0.068 (0.562)
Office	0.038 (0.271)	-0.770 (0.532)
Neighborhood Characteristics		
#Residents (ln)	0.101 (0.149)	0.008 (0.240)
Non-local Rate (%)	0.522 (0.526)	1.782* (0.863)
Intercept	-2.483* (1.092)	-3.486 [†] (1.794)
Log Likelihood		
	-334.526	-137.852
Intra-class Correlation (ICC)		
	0.027	0.007

Note:

[†]p<0.1; * p<0.05; ** p<0.01; *** p<0.001

Figure A1 Spatial Distribution of Income Segregation at Four Selected Hours

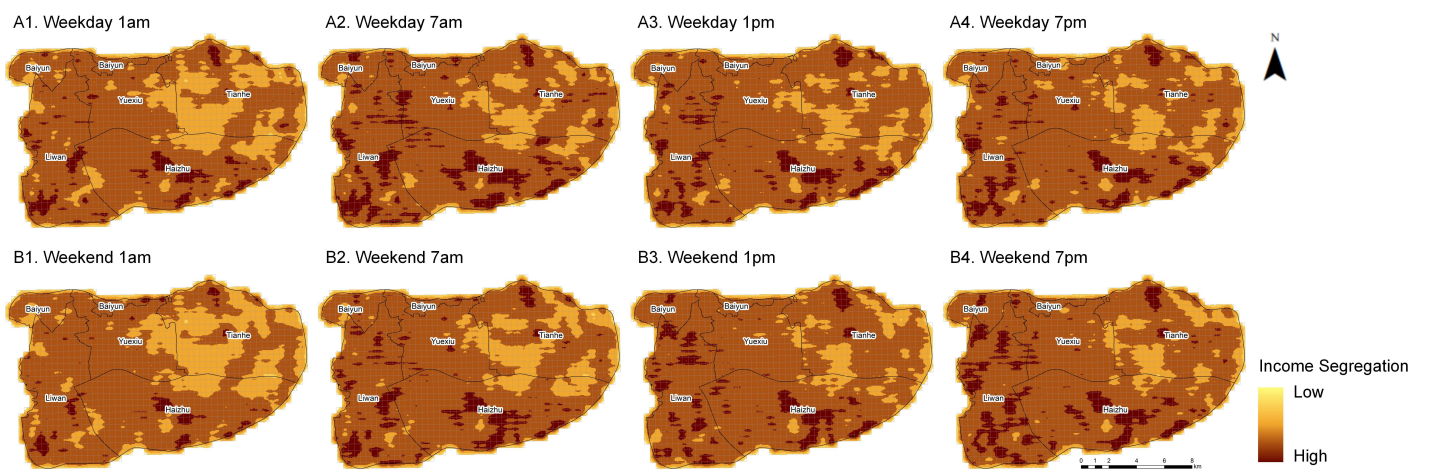


Figure A3 Transition between Segregation Trajectory Groups

