

From John R. Logan and Wenquan Zhang, "Identifying Ethnic Neighborhoods with Census Data: Group Concentration and Spatial Clustering". In M.F. Goodchild and D.G. Janelle (editors), *Spatially Integrated Social Science*, © 2004 Oxford University Press. Permission granted by Oxford University Press for inclusion at <http://www.csiss.org/best-practices/siss/06/>.

Table 6.1. Distribution of group members by level of concentration, Los Angeles CMSA 1990.

Tract – % Concentration	Chinese	% of LA Chinese	Filipinos	% of LA Filipinos
<i><1</i>	25,457	8.3	25,767	8.7
<i>1-1.99</i>	36,876	12.0	43,549	14.8
<i>2-4.99</i>	66,757	21.7	94,519	32.0
<i>5-9.99</i>	50,942	16.6	64,275	21.8
<i>10-19.99</i>	47,834	15.5	42,266	14.3
<i>20+</i>	79,915	26.0	24,738	8.4
<i>Group total</i>	307,781	100.0	295,114	100.0

Table 6.2. Chinese and Filipino settlement areas in Los Angeles, 1990, by city or suburban location.

	Odds ratio method				Cluster method			
	<i>Group</i>	<i>Group</i>	<i>Non-group</i>	<i>Non-group</i>	<i>Group</i>	<i>Group</i>	<i>Non-group</i>	<i>Non-group</i>
	<i>Central City</i>	<i>Suburb</i>	<i>Central City</i>	<i>Suburb</i>	<i>Central City</i>	<i>Suburb</i>	<i>Central City</i>	<i>Suburb</i>
Chinese								
<i>N of tracts</i>	24	88	1048	1392	39	111	1035	1379
<i>N of group members</i>	23,325	108,550	65,718	110,188	28,109	117,786	60,934	100,952
<i>% of region's group members</i>	7.6	35.3	21.4	35.8	9.1	38.3	19.8	32.8
<i>Mean % of group members</i>	34.2	24.8	3.3	3.7	29.3	23.4	3.1	3.3
Filipinos								
<i>N of tracts</i>	51	31	1021	1449	112	75	960	1415
<i>N of group members</i>	41,264	28,883	93,072	131,895	65,575	50,718	68,761	110,060
<i>% of region's group members</i>	14.0	9.8	31.5	44.7	22.2	17.2	23.3	37.3
<i>Mean % of group members</i>	18.2	18.4	3.9	3.3	14.0	13.5	2.9	2.6

Table 6.3. Predicting residence in an ethnic neighborhood.
 (Logistic regression with unstandardized coefficients and standard errors).

	Chinese			Filipinos		
Nativity						
<i>US born</i>	~			~		
<i>Post-1985 immigrant</i>	0.240		(0.158)	0.430		(0.257)
<i>1965-1985 immigrant</i>	0.395	**	(0.137)	0.186		(0.229)
<i>Pre-1965 immigrant</i>	-0.189		(0.179)	-0.125		(0.278)
Language						
<i>Speaks English only</i>	~			~		
<i>Speaks English well</i>	0.661	***	(0.134)	0.919	***	(0.190)
<i>Speaks English poorly</i>	1.164	***	(0.163)	1.263	***	(0.357)
Education	-0.079	***	(0.010)	-0.002		(0.018)
Household income	-0.001		(0.001)	-0.001		(0.002)
Renter	0.388	***	(0.086)	-0.086		(0.115)
Employment						
<i>Mainstream economy</i>	~			~		
<i>Enclave sector</i>	0.153		(0.127)	0.066		(0.120)
<i>Worker Sector</i>	0.371	**	(0.140)	0.134		(0.308)
<i>Owner Sector</i>	0.053		(0.085)	0.029		(0.144)
<i>Self-employment</i>	0.003		(0.106)	-0.338		(0.222)
Age	0.003		(0.003)	0.023	***	(0.004)
Married	0.021		(0.086)	-0.149		(0.118)
Suburban location	1.673	***	(0.092)	-1.155	***	(0.101)
Constant	-1.710	***	(0.257)	-2.358	***	(0.385)
Model Chi-Square	786.4			275.5		

* p<.05, ** p<.01, *** p<.001