

RESEARCH ARTICLE

Shouting “*chin min yau lok*” (stop at the front) in a minibus:
Transportation assimilation among immigrants in Hong Kong

Supplementary Files

Table S1. Logit model predicting minibus usage

	Coefficient	RSE
<i>Independent variables</i>		
Duration of residence in Hong Kong (D)	0.0160028**	0.0058148
Age at migration	-0.0080146***	0.0017833
Ethnic group (Chinese [in/after 1997]=ref.)		
Chinese (before 1997)	-0.0456786	0.1032465
East Asian	-0.0439452	0.1951127
South Asian	-0.3236804**	0.1048817
South-east Asian	-0.0998577	0.0982984
White	-0.0556448	0.1121248
Others	0.0153589	0.1263598
Cantonese ability	0.1742870***	0.0433510
District-level ethnic density	0.1230948	0.3386192
<i>Interactions</i>		
D×Age at migration	-0.0003918+	0.0002298
D×Ethnic group (Chinese [in/after 1997]=ref.)		
D×Chinese [before 1997]	-0.0078400	0.0064048
D×East Asian	-0.0137323	0.0188106
D×South Asian	-0.0001893	0.0105354
D×South-east Asian	-0.0240075**	0.0092766
D×White	-0.0226939*	0.0101568
D×Others	-0.0201612	0.0127556
Age at migration×Ethnic group (Chinese [in/after 1997]=ref.)		
Age at migration×Chinese [before 1997]	-0.0013784	0.0020948
Age at migration×East Asian	-0.0064385	0.0184716
Age at migration×South Asian	0.0023907	0.0080250
Age at migration×South-east Asian	0.0033484	0.0078543
Age at migration×White	-0.0058951	0.0094034
Age at migration×Others	0.0126993	0.0088422
D×Age at migration×Ethnic group (Chinese [in/after 1997]=ref.)		
D×Age at migration×Chinese [before 1997]	0.0010994**	0.0003537

(Cont'd...)

Table S1. (Continued)

	Coefficient	RSE
D×Age at migration×East Asian	0.0007654	0.0017188
D×Age at migration×South Asian	-0.0011156	0.0009410
D×Age at migration×South-east Asian	-0.0000471	0.0008868
D×Age at migration×White	0.0010346	0.0009285
D×Age at migration×Others	0.0023382*	0.0011481
Constant	-1.9924316***	0.2297432
Controls	Yes	
Year FE	Yes	
Place of residence FE	Yes	
Place of work FE	Yes	
Place of residence FE×Place of work FE	Yes	
Place of residence FE×Year FE	Yes	
Place of work FE×Year FE	Yes	
Pseudo R-squared	0.0899	
Observations	169,261	

Note: RSE: Robust standard error; FE: Fized effect; Some cases are dropped because the outcome is unary for some location-specific fixed effects; + $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (two-tailed tests).

Table S2. LPM model predicting passengers whose main mode of transportation is minibus

	M1a	M2a	M3a	M5a
<i>Independent variables</i>				
Duration of residence in Hong Kong (D)	0.0004409+ (0.0002337)	0.0008880* (0.0004459)	0.0011147* (0.0004512)	-0.0001626 (0.0006950)
Age at migration	-0.0004985*** (0.0000737)	-0.0004839*** (0.0000746)	-0.0000315 (0.0001640)	-0.0000334 (0.0001643)
Ethnic group (Chinese [in/after 1997]=ref.)				
Chinese [before 1997]	-0.0021249 (0.0055644)	-0.0139765+ (0.0074719)	-0.0152295* (0.0074857)	-0.0155543* (0.0074867)
East Asian	0.0149888* (0.0069375)	0.0039721 (0.0118209)	0.0050043 (0.0137129)	0.0073042 (0.0137729)
South Asian	-0.0053343 (0.0048425)	-0.0132092+ (0.0071179)	-0.0160136* (0.0070696)	-0.0139828+ (0.0071619)
South-east Asian	0.0054911 (0.0050932)	-0.0103960 (0.0069356)	-0.0126738+ (0.0069350)	-0.0111733 (0.0069668)
White	0.0123104* (0.0048647)	-0.0001933 (0.0076582)	-0.0001021 (0.0082601)	0.0038083 (0.0084418)
Others	0.0026958 (0.0069327)	-0.0163421+ (0.0089219)	-0.0172805+ (0.0091052)	-0.0168279+ (0.0091214)
Cantonese ability	0.0072068* (0.0030599)	0.0079008* (0.0030706)	0.0078785* (0.0030673)	

(Cont'd...)

Table S2. (Continued)

	M1a	M2a	M3a	M5a
District-level ethnic density	0.0367672+ (0.0208526)	0.0287397 (0.0269821)	0.0290313 (0.0269987)	0.0264398 (0.0271611)
Cantonese ability				0.0131084*** (0.0038907)
<i>Interactions</i>				
D×Age at migration		-0.0000035 (0.0000101)	0.0000184 (0.0000200)	0.0000177 (0.0000201)
D×Ethnic group (Chinese [in/after 1997]=ref.)				
D×Chinese [before 1997]		-0.0003638 (0.0005014)	-0.0006525 (0.0005092)	0.0002141 (0.0008101)
D×East Asian		-0.0010023 (0.0009891)	-0.0006643 (0.0012543)	-0.0003317 (0.0013003)
D×South Asian		-0.0005696 (0.0006412)	-0.0007469 (0.0006543)	-0.0005439 (0.0007277)
D×South-east Asian		-0.0019028** (0.0006955)	-0.0021136** (0.0007092)	-0.0020879** (0.0007314)
D×White		-0.0012712* (0.0006420)	-0.0018629* (0.0007440)	-0.0012588 (0.0008253)
D×Others		-0.0025543** (0.0008758)	-0.0026002** (0.0009652)	-0.0024697* (0.0010128)
Age at migration×Ethnic group (Chinese [in/after 1997]=ref.)				
Age at migration×Chinese [before 1997]			-0.0008472*** (0.0001898)	-0.0008527*** (0.0001899)
Age at migration×East Asian			-0.0011009 (0.0014544)	-0.0010982 (0.0014579)
Age at migration×South Asian			-0.0010006+ (0.0005369)	-0.0009746+ (0.0005366)
Age at migration×South-east Asian			0.0003759 (0.0005922)	0.0003593 (0.0005921)
Age at migration×White			-0.0007567 (0.0006404)	-0.0007238 (0.0006418)
Age at migration×Others			0.0003947 (0.0005595)	0.0003994 (0.0005594)
D×Age at migration×Ethnic group (Chinese [in/after 1997]=ref.)				
D×Age at migration×Chinese [before 1997]			0.0000563+ (0.0000306)	0.0000569+ (0.0000308)
D×Age at migration×East Asian			-0.0001092 (0.0001246)	-0.0001017 (0.0001249)
D×Age at migration×South Asian			-0.0001215* (0.0000591)	-0.0001112+ (0.0000593)
D×Age at migration×South-east Asian			0.0000050 (0.0000719)	0.0000143 (0.0000720)

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Table S2. (Continued)

	M1a	M2a	M3a	M5a
D×Age at migration×White			0.0000183 (0.0000613)	0.0000285 (0.0000615)
D×Age at migration×Others			0.0000223 (0.0000768)	0.0000377 (0.0000770)
D×Logged personal income				-0.0002197+ (0.0001238)
D×Cantonese ability				0.0008351+ (0.0004271)
D×Female				0.0000050 (0.0002167)
D×District-level ethnic density				-0.0042715 (0.0031989)
<i>Controls</i>				
Arrival cohort (before 1997=ref.)				
1997–1999	0.0003396 (0.0047686)	-0.0107047+ (0.0059583)	-0.0099063+ (0.0059533)	-0.0084771 (0.0060369)
2000–2004	-0.0005026 (0.0049999)	-0.0107834+ (0.0063574)	-0.0109499+ (0.0063450)	-0.0094508 (0.0064389)
2005–2009	0.0018830 (0.0057167)	-0.0069891 (0.0073965)	-0.0071773 (0.0073836)	-0.0059282 (0.0074654)
2010–2016	0.0096266 (0.0066120)	0.0012959 (0.0089761)	0.0013226 (0.0089727)	0.0016118 (0.0090503)
Female	0.0025338+ (0.0014822)	0.0026239+ (0.0014872)	0.0024629 (0.0014986)	0.0025132+ (0.0014998)
Married	-0.0021173 (0.0017591)	-0.0020523 (0.0017628)	-0.0020180 (0.0017700)	-0.0019997 (0.0017703)
Living with child (ren)	0.0013911 (0.0014692)	0.0014475 (0.0014714)	0.0013488 (0.0014723)	0.0015366 (0.0014779)
Post-secondary education	-0.0080824*** (0.0020841)	-0.0080746*** (0.0020864)	-0.0076439*** (0.0020893)	-0.0078731*** (0.0020965)
Logged personal income	0.0014170 (0.0011555)	0.0013543 (0.0011595)	0.0012417 (0.0011609)	0.0012049 (0.0011606)
Constant	0.0952362*** (0.0241181)	0.1058333*** (0.0244063)	0.1073884*** (0.0244266)	0.1022431*** (0.0245790)
Year FE	Yes	Yes	Yes	Yes
Place of residence FE	Yes	Yes	Yes	Yes
Place of work FE	Yes	Yes	Yes	Yes
Place of residence FE×Place of work FE	Yes	Yes	Yes	Yes
Place of residence FE×Year FE	Yes	Yes	Yes	Yes
Place of work FE×Year FE	Yes	Yes	Yes	Yes
R-squared	0.077	0.077	0.077	0.078
Observations	169766	169766	169766	169766

Note: FE: Fixed effect; Standard errors in parentheses; + $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (two-tailed tests).

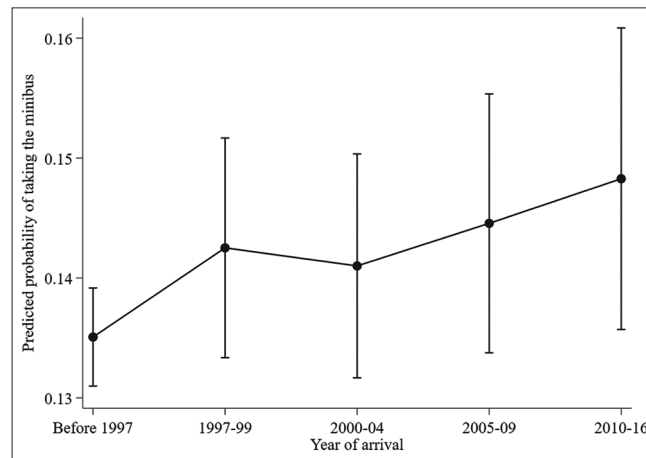


Figure S1. Predicted probability of taking the minibus with 95% confidence intervals by arrival cohort