

## supplementary materials

### Experiment 1

**Table 1.**

**The lmer analysis of cross-linguistic priming from Chaoshanese to Mandarin**

Random effects:				
Groups	Name	Variance	SD	
Subject	(Intercept)	0.23	0.47	
Item	(Intercept)	0.10	0.31	
Number of observations:698, Subject: 44; Item, 32				
Fixed effects:				
	Estimate	Std. Error	z value	Pr(> z )
(Intercept)	0.75	0.12	6.01	<.001

**Table 2.**

**The lmer analysis of cross-linguistic priming from Cantonese to Mandarin**

Random effects:				
Groups	Name	Variance	SD	
Subject	(Intercept)	0.24	0.50	
Item	(Intercept)	0.06	0.24	
Number of observations:693, Subject: 44; Item, 32				
Fixed effects:				
	Estimate	Std. Error	z value	Pr(> z )
(Intercept)	0.65	0.12	5.42	<.001

## Experiment 2

**Table 3.**

**The lmer analysis of cross-linguistic priming from Chaoshanese to Mandarin**

Random effects:				
Groups	Name	Variance	SD	
Subject	(Intercept)	0.50	0.71	
Item	(Intercept)	0.29	0.18	
Number of observations: 1002, Subject: 64; Item, 32				
Fixed effects:				
	Estimate	Std. Error	z value	Pr(> z )
(Intercept)	0.15	0.07	2.17	0.03

**Table 4.**

**The lmer analysis of cross-linguistic priming from Cantonese to Mandarin**

Random effects:				
Groups	Name	Variance	SD	
Subject	(Intercept)	0.08	0.13	
Item	(Intercept)	0.05	0.22	
Number of observations:1003, Subject: 64; Item, 32				
Fixed effects:				
	Estimate	Std. Error	z value	Pr(> z )
(Intercept)	0.15	0.12	2.07	0.04

## Combined analysis of Experiments 1 and 2

**Table 5.**

**The lmer analysis of translation-equivalent boost effect after the Chaoshanese prime**

Random effects:				
Groups	Name	Variance	SD	
Subject	(Intercept)	0.14	0.18	
Item	(Intercept)	0.03	0.16	
	Language	0.03	0.06	
Number of observations: 1700, Subject: 108; Item, 32				
Fixed effects:				
	Estimate	Std. Error	z value	Pr(> z )
(Intercept)	0.43	0.05	8.06	<.001
Language	0.55	0.15	3.66	<.001

**Table 6.**

**The lmer analysis of translation-equivalent boost effect after the Cantonese prime**

Random effects:				
Groups	Name	Variance	SD	
Subject	(Intercept)	0.003	0.06	
Item	(Intercept)	0.05	0.22	
	Language	0.05	0.22	
Number of observations: 1696, Subject: 108; Item, 32				
Fixed effects:				
	Estimate	Std. Error	z value	Pr(> z )
(Intercept)	0.38	0.07	5.88	<.001
Language	0.45	0.11	4.12	<.001