Tables

Table 1 German-English code-switching examples for each code-switching type (Muysken, 2000)

Code-switching type	Example
(1) Alternation	*Ich kann heute nicht kommen* BECAUSE I'M ILL. *I can today not come* BECAUSE I'M ILL. *I cannot come today BECAUSE I'M ILL.*
(2) Insertion E > G	*Wir suchen noch* VOLUNTEERS *fuer das Projekt.* *We search still* VOLUNTEERS *for the project.* *We are still looking for VOLUNTEERS for the project.*
(3) Insertion G > E	*We didn't bring* SCHUHWERK *for hiking.* *We didn't bring* SHOES *for hiking.* *We didn't bring SHOES for hiking.*
(4) Dense	*Wir haben* FRIENDS *gemacht mit'm* SHOP OWNER. *We have* FRIENDS *made with th'* SHOP OWNER. *We have made FRIENDS with th' SHOP OWNER.*

Table 2 Inhibitory control processes involved in different code-switching types

Framework	Alternation	Insertion	Dense
Inhibitory control continuum (Treffers-Daller, 2009)	High inhibitory load	Medium inhibitory load	Low inhibitory load
CPM control mode (Green & Wei, 2014)	Inhibitory load	Inhibitory load	No inhibitory load
Dual control mode (Braver, 2012)	Reactive monitoring	Reactive monitoring	Proactive monitoring
Scope (Hofweber et al., 2016)	Global inhibition	Global for grammar, Local for lexicon	Local inhibition
Processing stage	Conceptual stage: Interference suppression	Conceptual stage: Interference suppression	Conceptual & Articulatory stage: Interference suppression & Response inhibition

Table 3 Linguistic background variables bilinguals

Variable		Bilinguals
German	M	6.88
Proficiency	SD	0.27
	Range	5.50 - 7.00
English	M	6.38
Proficiency	SD	0.60
	Range	4.25 - 7.00
Balance	M	0.56
	SD	0.94
	Range	0.00 - 5.06
Age of Onset	M	8.84

English (in years)	SD	4.36
	Range	0.00 - 27.00
Immersion	M	9.33
(in years)	SD	9.04
	Range	1.00 - 48.00

Table 4 Non-linguistic background variables

Variable		Monolinguals	Bilinguals	F-value	df	p-value
Age	M	33.83	32.14	0.52	1, 82	0.47
	SD	11.80	9.57			
	Range	18.00 - 69.00	19.00 - 71.00			
Education	M	4.12	4.21	0.16	1, 82	0.69
	SD	0.87	1.10			
	Range	3.00 - 6.00	1.00 - 6.00			
IQ	M	41.88	44.09	2.58	1, 82	0.11
Non-verbal	SD	7.24	5.28			
	Range	27.00 – 58.00	29.00 – 57.00			
SM	M	6.22	6.40	0.77	1, 82	0.38
	SD	1.07	0.80			
	Range	5.00 - 9.00	5.00 - 9.00			
WM	M	4.48	4.53	0.05	1, 82	0.82
	SD	1.21	0.84			
	Range	3.00 - 9.00	3.00 - 7.00			

Table 5 Experimental conditions in the Flanker task

Condition	Congruent trials	Incongruent trials	Monitoring	Inhibitory Load
92-8	92%	8%	Reactive	High
75-25	75%	25%	Medium	Medium
50-50	50%	50%	Proactive	Low

Table 6 Frequency judgement task scores (scale 1-7)

Code-switching type	Bilinguals	
Insertion	M	5.01
E > G	SD	1.39
	Range	1.90 - 6.86
Insertion	M	2.32
G > E	SD	1.06
	Range	1.00 - 5.07
Alternation	M	3.85
	SD	1.44
	Range	1.00 - 6.50
Dense	M	2.52
	SD	0.78

	Range	1.00 - 6.50

Table 7 Accuracy rates in the Flanker task

Accuracy in %				**Mann-**		
Condition		**Monolinguals**	**Bilinguals**	**Whitney U**	**df**	**p-value**
92-8	M	99.40	99.37	777.00	1, 84	0.27
Congruent	SD	1.50	0.83			
	Range	91.00 - 100.00	98.00 - 100.00			
92-8	M	90.28	95.35	701.50	1, 84	0.06
Incongruent	SD	12.96	7.73			
	Range	50.00 - 100.00	75.00 - 100.00			
75-25	M	98.12	99.13	780.00	1, 84	0.22
Congruent	SD	3.72	1.94			
	Range	83.00 - 100.00	92.00 - 100.00			
75-25	M	98.15	98.75	838.50	1, 84	0.67
Incongruent	SD	4.02	1.77			
	Range	75.00 - 100.00	91.00 - 100.00			
50-50	M	99.48	99.81	809.00	1, 84	0.27
Congruent	SD	1.38	0.61			
	Range	94.00 - 100.00	98.00 - 100.00			
50-50	M	96.51	97.87	865.00	1, 84	0.88
Incongruent	SD	8.70	2.55			
	Range	46.00 - 100.00	88.00 - 100.00			

Table 8 RTs in the flanker task

RTs in ms						
Condition		**Monolinguals**	**Bilinguals**	**F-value**	**df**	**p-value**
92-8	M	463.64	454.41	0.89	1, 82	0.35
Congruent	SD	55.11	32.33			
	Range	370.85 - 619.72	381.80 - 525.25			
92-8	M	565.02	532.55	3.94	1, 82	0.05
Incongruent	SD	96.45	45.90			
	Range	407.27 - 813.41	434.77 - 631.80			
75-25	M	452.47	444.29	1.01	1, 82	0.32
Congruent	SD	44.05	29.65			
	Range	370.49 - 583.41	390.48 - 518.06			
75-25	M	516.93	506.21	1.13	1, 82	0.29
Incongruent	SD	53.20	38.13			
	Range	407.09 - 662.60	430.49 - 605.00			
50-50	M	459.33	452.37	0.77	1, 82	0.38
Congruent	SD	41.36	30.83			
	Range	372.65 - 537.03	405.44 - 528.35			
50-50	M	519.59	506.96	1.80	1, 82	0.18
Incongruent	SD	49.96	35.32			
	Range	428.46 - 666.22	442.39 - 607.31			

Table 9 Conflict effect (Accuracy) by Monitoring condition

Accuracy in %						
Condition		**Monolinguals**	**Bilinguals**	**Mann-Whitney U**	**df**	**p-value**
92-8	M	9.12	4.02	658.50	1, 84	*0.04
	SD	13.13	7.73			
	Range	-9.00-49.00	-2.00-25.00			
75-25	M	-0.03	0.37	813.50	1, 84	0.53
	SD	5.18	2.71			
	Range	-15.00-21.00	-8.00-9.00			
50-50	M	2.97	1.94	828.00	1, 84	0.61
	SD	8.11	2.59			
	Range	-2.00-50.00	-2.00-13.00			

Table 10 Conflict effect (RTs) by monitoring condition

Conflict effect in ms						
Condition		**Monolinguals**	**Bilinguals**	**F-value**	**df**	**p-value**
92-8	M	101.38	79.26	4.61	1, 84	*0.03
	SD	59.16	31.91			
	Range	2.61 - 306.43	11.35 - 154.11			
75-25	M	63.84	62.32	0.08	1, 84	0.78
	SD	25.38	23.81			
	Range	0.00 - 117.34	10.51 - 117.32			
50-50	M	60.26	54.69	2.31	1, 84	0.13
	SD	19.26	14.03			
	Range	20.12 - 129.19	21.12 - 84.82			

Figures

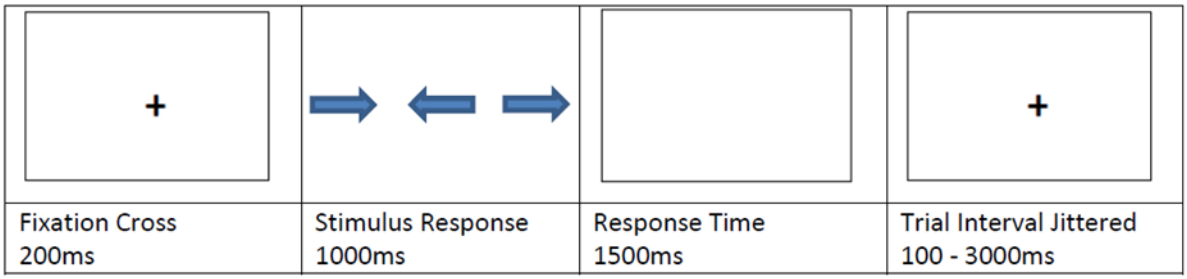

Figure 1 Flanker task stimulus presentation

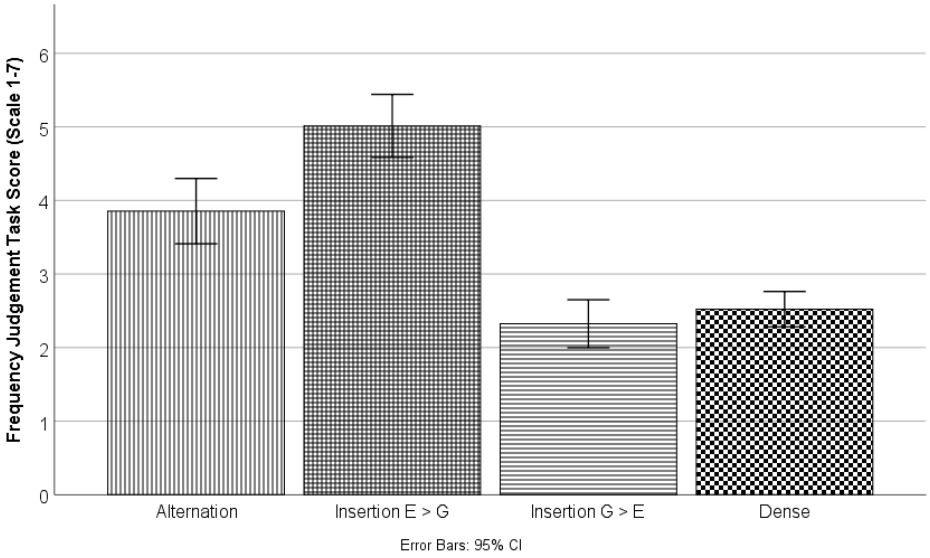

Figure 2 Frequency judgement task scores

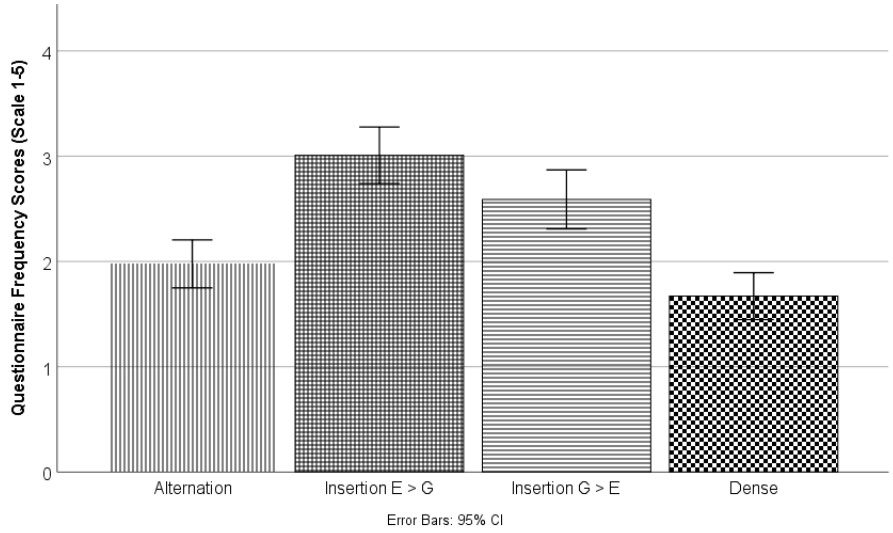

Figure 3 Code-switching questionnaire scores

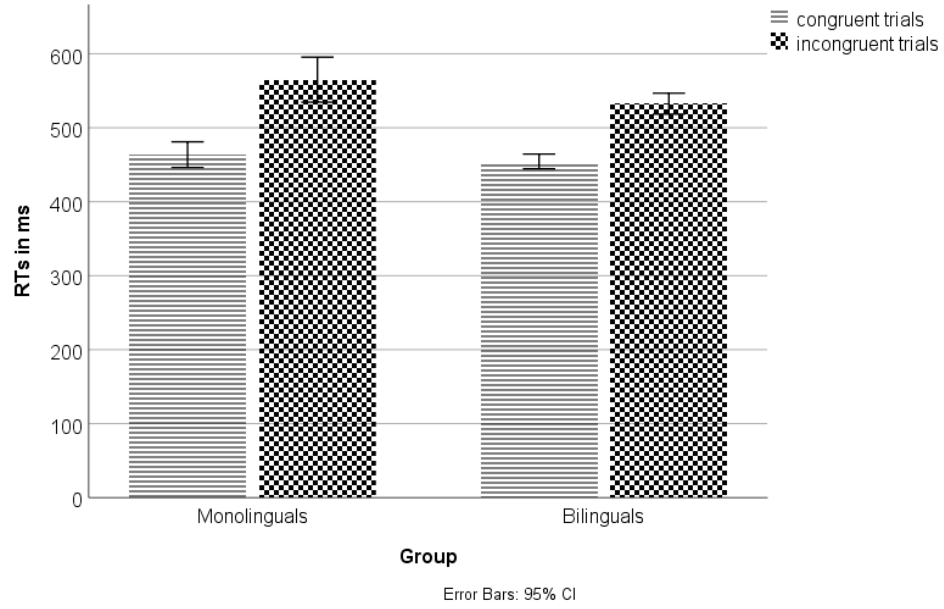

Figure 4 RTs in reactive monitoring condition

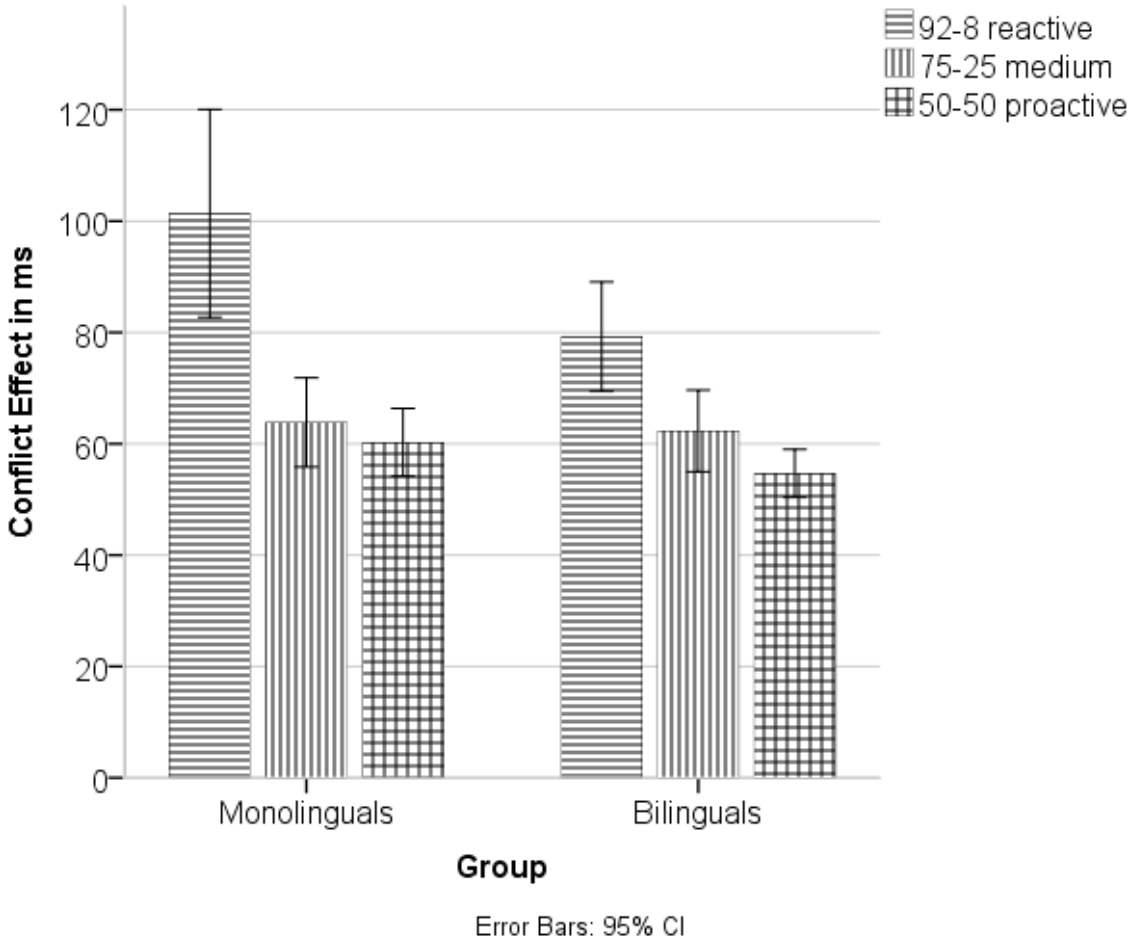

Figure 5 Conflict effect in RTs by group and monitoring condition

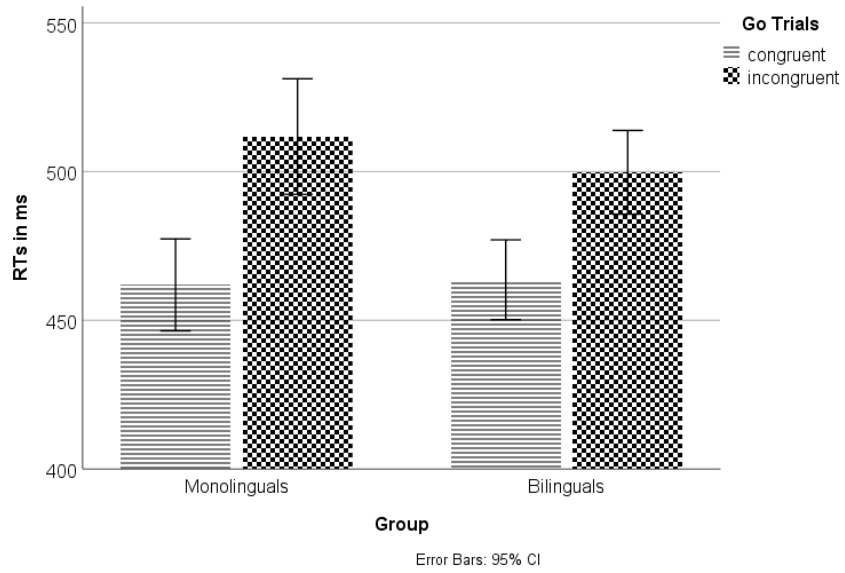

Figure 6 RTs in Go trials by group