

### Supplementary Tables 1-5

Table S1. Accuracy (means and standard deviations) in the voluntary task per condition and per language. For each condition, overall accuracy across languages is provided in addition to the accuracy per language. Accuracy scores per language in the voluntary condition only include responses that could be scored as Basque or Spanish; the overall accuracy score also includes missing responses or responses combining both languages.

<b>Condition</b>	<b>Language</b>	<b>Mean</b>	<b>SD</b>
Blocked	Overall	97.5	2.63
	Basque	97.3	3.90
	Spanish	97.8	3.19
Voluntary	Overall	99.3	0.991
	Basque	99.6	1.16
	Spanish	99.7	0.806

Table S2. Accuracy (means and standard deviations) in the intermixed mandatory/voluntary task per condition and per language. For each condition, overall accuracy across languages is provided in addition to the accuracy per language. Accuracy scores per language in the voluntary condition only include responses that could be scored as Basque or Spanish; the overall accuracy score also includes missing responses or responses combining both languages.

<b>Condition</b>	<b>Trial type</b>	<b>Language</b>	<b>Mean</b>	<b>SD</b>	
Blocked	Blocked	Overall	98.5	2.08	
	Blocked	Basque	98.6	2.65	
	Blocked	Spanish	98.4	2.45	
Mandatory	Overall	Overall	96.1	4.87	
		Basque	97.3	3.37	
	Non-switch	Spanish	96.9	4.55	
		Switch	Basque	95.6	7.41
			Spanish	94.7	7.50
Voluntary	Overall	Overall	99.6	0.755	
		Basque	99.8	0.977	
	Overall	Spanish	99.9	0.405	

Table S3. *Response times (means and standard deviations) in the intermixed mandatory/voluntary task split by language used and language preference (i.e., whether a participant's language preference for a particular item matched or mismatched the language that was used in the mandatory/voluntary condition or whether the participant did not have a language preference for that item).*

<b>Condition</b>	<b>Language used</b>	<b>Language preference</b>	<b>Mean</b>	<b>SD</b>
Mandatory	Basque	Match	816	148
		Mismatch	898	162
		No preference	845	145
	Spanish	Match	819	127
		Mismatch	967	174
		No preference	897	144
Voluntary	Basque	Match	794	146
		Mismatch	845	181
		No preference	816	143
	Spanish	Match	836	146
		Mismatch	894	161
		No preference	844	144

Table S4. *Number of correct responses (means and standard deviations) in the verbal fluency task per semantic category and language condition.*

<b>Semantic category</b>	<b>Language condition</b>	<b>Mean</b>	<b>SD</b>
Animals	Single-language (Spanish)	24.7	3.37
	Single-language (Basque)	17.6	4.30
	Voluntary dual-language	20.2	3.68
	Forced dual-language	15.2	3.77
Clothes	Single-language (Spanish)	22.6	5.48
	Single-language (Basque)	14.8	2.10
	Voluntary dual-language	17.5	4.58
	Forced dual-language	11.7	2.54
Fruits and vegetables	Single-language (Spanish)	17.7	5.31
	Single-language (Basque)	11.9	3.14
	Voluntary dual-language	19.1	3.00
	Forced dual-language	12.0	2.49
Furniture	Single-language (Spanish)	8.40	2.12
	Single-language (Basque)	6.20	2.86
	Voluntary dual-language	7.60	2.76
	Forced dual-language	7.00	2.31

Table S5. *Number of errors (means and standard deviations) in the verbal fluency task per language condition.*

<b>Condition</b>	<b>Mean</b>	<b>SD</b>
Single-language (Spanish)	0.250 <sup>1</sup>	0.543
Single-language (Basque)	0.650 <sup>2</sup>	0.893
Voluntary dual- language	0.700 <sup>3</sup>	1.07
Forced dual- language	1.88 <sup>4</sup>	2.96

<sup>1</sup>The majority of mistakes in the Spanish condition (9/10) were repetitions.

<sup>2</sup>Half of the mistakes in the Basque condition (13/26) were repetitions; 7 responses were given in the wrong language; 6 responses did not belong to the requested category.

<sup>3</sup>The majority of mistakes in the voluntary dual-language condition (19/28) were repetitions (10 in the same language, 9 in the other language); the other mistakes were responses not belonging to the requested category.

<sup>4</sup>The majority of mistakes in the forced dual-language condition (63/75) were words produced in the wrong language. The other mistakes were repetitions (7) or words belonging to another category (5).