Table 1. Prototypical and non-prototypical combinations of lexical and grammatical aspect in Spanish

Lexical Aspect Class	Prototypical Form	Non-prototypical Form
Achievement	Preterit	Imperfect
Accomplishment	Preterit	Imperfect
Activity	Imperfect	Preterit
State	Imperfect	Preterit

Table 2. Description of tasks, corpus and experimental

Task	Format	Description
Interview (Corpus)	Semi-structured	Personal interview based on learners' past experiences
"Famous People" (Corpus)	Picture-description	Description of famous historical figures
"Nati y Pancho" (Corpus)	Picture-based narrative with discourse prompts	Impersonal narrative about a little girl and her cat. It starts with what a typical day was like and how everything changed one day when the cat got lost.
"Las Hermanas" (Experimental)	Picture-based narrative with discourse prompts and infinitival phrases provided below each picture	Impersonal narrative about two sisters and what happened on their vacation in Spain. Includes a habitual part in the middle where they compare what they were like as children.

Table 3. Corpus composition with average *D*-scores for three proficiency groups and native speakers

Group	Interview	"Famous People"	"Nati y Pancho"	Total Words	average *D*-score (*SD*)*
Beginner (n=20)					33.75 (10.36)
Total words	3301	2212	2804	8317	
Average words per participant	165	111	140	416	
Intermediate (n=20)					54.19 (9.68)
Total words	5986	4873	4884	15443	
Average words per participant	299	244	244	772	
Advanced (n=20)					71.03 (8.81)
Total words	4858	8033	5817	18708	
Average words per participant	242	402	291	935	
Native Speakers (n=15)					82.0 (9.46)
Total words	3764	4914	5292	13970	
Average words per participant	251	328	352	931	

*SD=standard deviation

Table 4. Emergence data by group and task: number of participants with obligatory contexts (OC) in the Imperfect across lexical aspect classes and number of participants demonstrating emergence of each class in the Imperfect

Group	Task	Achievements		Accomplishments		Activities		States	
		Had impf OC	Produced Impf	Had impf OC	Produced Impf	Had impf OC	Produced Impf	Had impf OC	Produced Impf
Beginner (N=20)	Interview	0	1	0	2	7	1	17	8
	"Famous People"	0	1	1	0	0	0	16	5
	"Nati y Pancho"	12	1	16	1	17	2	7	1
	"Hermanas"	20	1	20	1	2	1	14	4
Intermediate (N=20)	Interview	1	2	2	2	9	7	20	17
	"Famous People"	1	1	0	0	4	3	20	14
	"Nati y Pancho"	14	6	16	4	18	7	19	14
	"Hermanas"	20	10	19	9	1	6	17	11
Advanced (N=20)	Interview	1	1	7	1	14	12	20	20
	"Famous People"	0	0	0	0	3	3	19	19
	"Nati y Pancho"	14	8	13	10	14	11	20	19
	"Hermanas"	19	11	19	12	9	10	19	17
NS (N=15)	Interview	8	8	10	10	12	12	15	15
	"Famous People"	0	0	2	2	5	5	13	13
	"Nati y Pancho"	13	13	13	13	15	15	15	15
	"Hermanas"	15	15	14	14	10	10	20	20

Table 5. Mean accuracy scores (%) by group, task, and form

Group	Task	Preterit		Imperfect	
		Mean	SD	Mean	SD
Beginner	Interview	42.40	33.25	15.91	22.72
	"Famous People"	26.39	31.27	30.89	39.35
	"Nati y Pancho"	21.56	27.42	8.46	23.56
	"Hermanas"	19.08	27.29	8.13	13.42
Intermediate	Interview	77.01	15.98	49.17	27.16
	"Famous People"	79.42	23.99	54.16	30.75
	"Nati y Pancho"	63.59	25.52	32.13	25.15
	"Hermanas"	53.52	35.07	46.87	40.91
Advanced	Interview	83.61	19.20	68.42	22.78
	"Famous People"	82.26	20.40	73.98	25.05
	"Nati y Pancho"	76.08	17.27	62.41	26.81
	"Hermanas"	78.85	27.83	64.15	31.88

Table 6. Total number of perfective and imperfective obligatory contexts in each task across participant groups (% is provided for the total within each task)

Task	Perfective	Imperfective
Interview		
Beginner	174 (51%)	167 (49%)
Intermediate	230 (47%)	259 (53%)
Advanced	519 (49%)	549 (51%)
Native Speakers	375 (53%)	326 (47%)
"Famous People"		
Beginner	156 (65%)	84 (35%)
Intermediate	208 (51%)	197 (49%)
Advanced	301 (57%)	224 (43%)
Native Speakers	254 (62%)	154 (38%)
"Nati y Pancho"		
Beginner	223 (49%)	231 (51%)
Intermediate	276 (44%)	348 (56%)
Advanced	300 (44%)	386 (56%)
Native Speakers	286 (43%)	385 (57%)
"Hermanas"		
Beginner	243 (48%)	267 (52%)
Intermediate	246 (44%)	307 (56%)
Advanced	262 (44%)	329 (56%)
Native Speakers	195 (41%)	282 (59%)
Total	4248 (49%)	4495 (51%)