



**TARRAGONA**  
**10-13 APRIL**  
**2019**

**XIV**  
INTERNATIONAL  
SYMPOSIUM OF  
**PSYCHOLINGUISTICS**

— ABSTRACTS BOOK —

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- Pilar Ferré

### **Organizing committee**

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# — CONFERENCE PROGRAM —

## WEDNESDAY, APRIL 10<sup>th</sup>

Diputació de Tarragona

**18:00 OPENING CEREMONY**

**18:30 WELCOME RECEPTION & REGISTRATION**

## THURSDAY, APRIL 11<sup>th</sup>

Campus Catalunya (URV)

**08:00–09:00 REGISTRATION**

**09:00–10:00 [KEYNOTE LECTURE](#) (SEPEX CONFERENCE)**

Judith F. Kroll (University of California, Riverside, USA)

*The fate of the native language in second language learning: A new hypothesis about bilingualism, mind, and brain*

**10:00–11:20 ORAL SESSION A: BILINGUALISM 1**

[\[OC–A1\]](#) Cross-linguistic differences in the use of sign languages for second language learning

10:00-10:20 *S. Rodriguez-Cuadrado, F. Ojedo, M. Á. Sampedro, C. Romero-Rivas, J. Santiago*

[\[OC–A2\]](#) Distributed vs. Intensive training improves semantic access in foreign language vocabulary learning

10:20-10:40 *A. B. García-Gámez, Ó. Cervilla, P. Macizo, P. Ferré*

[\[OC–A3\]](#) The influence of emotional and foreign language context in learning

10:40-11:00 *C. Frances, A. de Bruin, J. A. Duñabeitia*

[\[OC–A4\]](#) Variability in bilingual lexical access: The impact of social factors on language selection

11:00-11:20 *D. J. Olson*

**11:20–11:50 COFFEE BREAK**

## **11:50–13:50 ORAL SESSION B: WORD COMPREHENSION & PRODUCTION**

[OC –B1] When *patient* is the fastest word: Testing the orthographic boost hypothesis in ambiguous word processing  
11:50-12:10

*J. Haro, P. Ferré*

[OC –B2] Disentangling cross-language orthographic markedness from neighborhood effects during L2 visual word recognition  
12:10-12:30

*E. Commissaire, S. Casalis*

[OC –B3] Alternative accounts for age of acquisition effects at early stages word processing  
12:30-12:50

*M. Á. Pérez-Sánchez, J. Marín, C. Izura*

[OC –B4] To read or not to read in the parafoveal visual field  
12:50-13:10

*L. Hernández-Ramos, F. Rivero, J. Dampuré, E. García-Marco, H. A. Barber*

[OC –B5] Domain-general and domain-specific processes in spoken word recognition  
13:10-13:30

*A. Klimovich-Gray, M. Bozic*

[OC –B6] Grammatical gender processing in European Portuguese bare nouns: Is animacy responsible for the so-called gender-congruency effect?  
13:30-13:50

*A. R. Sá-Leite, Â. Tomaz, J. Hernández-Cabrera, I. Fraga, M. Comesaña*

## **13:50–15:30 LUNCH**

## **15:30–17:00 ORAL SESSION C: ALBERT COSTA: IN MEMORIAM**

[OC –C1] From the bilingual lexicon to the language of morality: The mind behind it  
15:30-15:45

*N. Sebastián-Gallés*

[OC –C2] Prediction in bilingualism: Lexical anticipation in L2 comprehension and in accented L1 comprehension  
15:45-16:00

*C. Martin*

[OC –C3] Is brain damage useful for studying bilingualism?  
16:00-16:15

*M. Calabria*

[OC –C4] The bilingual advantage: To be or not to be  
16:15-16:30

*M. Carreiras*

[OC –C5] Language contexts make strict moral codes flexible  
16:30-16:45

*J. A. Duñabeitia*

## **17:00–18:30 POSTER SESSION I ([complete list](#))**

## **18:30–20:30 SOCIAL EVENT: GUIDED VISIT OF THE HISTORIC CENTER OF TARRAGONA**

**09:00–10:00** **KEYNOTE LECTURE**

Angela Friederici (Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany)

*Syntax in the human brain: Universality and diversity*

**10:00–11:20** **ORAL SESSION D: SYNTACTIC PROCESSING**

[OC–D1] Lexical predictability effects on agreement encoding reveal the differences between gender and number features

10:00-10:20

*M. Santesteban, P. Lorusso, A. Hatzidaki, I. Laka, A. Zawiszewski*

[OC–D2] A matter of time: Parser sensitivity to time-related grammatical categories in Spanish

10:20-10:40

*D. Scarinci-Zabaleta, M. Carreiras, S. Mancini*

[OC–D3] Maintaining long-distance subject-verb dependency in sentence comprehension

10:40-11:00

*B. Ristic, S. Mancini, N. Molinaro, A. Staub*

[OC–D4] Lexico-semantic influence on syntactic processing: An eye-tracking study with Spanish relative clauses

11:00-11:20

*E. Álvarez García, J. M. Igoa González, S. Gutiérrez Ordóñez*

**11:20–11:50** **COFFEE BREAK****11:50–13:50** **ORAL SESSION E: LANGUAGE DEVELOPMENT & DISORDERS**

[OC–E1] Lexico-semantic control in fluent bilingual aphasia

11:50-12:10

*N. Grunden, C. García Sánchez, A. Costa, M. Calabria*

[OC–E2] Deterioration of orthographic representations in Alzheimer's dementia

12:10-12:30

*M. González-Nosti, C. Martínez, F. Cuetos*

[OC–E3] PleaseApp: Gesture-speech comprehension in children with autism spectrum disorder

12:30-12:50

*A. Igualada, C. Andrés-Roqueta*

[OC–E4] Acoustic qualities of bilingual infant directed speech

12:50-13:10

*M. Kalashnikova*

[OC–E5] Embodied enactment during storytelling with beat gestures leads to better narrative performance in 5- to 6-year-old children

13:10-13:30

*I. Vilà-Giménez, P. Prieto*

[OC–E6] Word predictability in aging: The effect of linguistic experience and cognitive abilities on reading

13:30-13:50

*S. Cheimariou, T. Farmer, J. Gordon*

**13:50–15:20** **LUNCH**

**15:20–17:00 ORAL SESSION F: LANGUAGE AND EMOTION**

[OC–F1] Exploring the interplay between ambiguity and emotionality in visual word recognition through linear mixed models

*D. Huete-Pérez, J. Haro, I. Fraga, P. Ferré*

[OC–F2] Memory accuracy in bilinguals depends on the valence of the emotional event

15:40-16:00 *O. Vasylets*

[OC–F3] Effects of speakers' accent and speech intelligibility on implicit biases and attributions of guilt

16:00-16:20 *C. Romero-Rivas, S. Rodríguez-Cuadrado, T. Collier, C. Morgan*

[OC–F4] Individual differences in processing gender agreement errors: An ERP study with unpleasant words

16:20-16:40 *I. Padrón, J. A. Hinojosa, I. Fraga*

[OC–F5] Higher expectancy of logical outcomes in a categorical syllogism reading task under negative mood influences

16:40-17:00 *P. Rodríguez-Gómez, M. A. Pozo, J. A. Hinojosa, E. M. Moreno*

**17:00–18:30 POSTER SESSION II ([complete list](#))**

**18:30–19:30 [KEYNOTE LECTURE](#) (COPC TARRAGONA CONFERENCE)**

Manuel Carreiras (Basque Center on Cognition, Brain and Language, Donostia-San Sebastián, Spain)

*The literate brain*

**21:00–... GALA DINNER: '[CASA JOAN MIRET](#)'**

**09:00–10:40 ORAL SESSION G: LANGUAGE AND ITS INTERFACES**

- [OC–G1] Auditory and non-auditory models of vowel normalization  
09:00–09:20 *L. E. López-Bascuas*
- [OC–G2] Contextual diversity modulates serial memory performance but not repetition learning  
09:20–09:40 *F. B. R. Parmentier, M. Comesaña, A. P. Soares, L. Gallego*
- [OC–G3] Does L2 speech generate a higher gesture rate? A study of Dutch speakers of English  
09:40–10:00 *V. Nanyan*
- [OC–G4] How people understand affirmative and negative counterfactuals: Evidence from eye-tracking in the visual world paradigm  
10:00–10:20 *I. Orenes, J. A. García-Madruga, O. Espino, R. Byrne*
- [OC–G5] Complexity in natural language acquisition: Computational models  
10:20–10:40 *L. Becerra-Bonache, M. D. Jiménez-López*

**10:40–11:10 COFFEE BREAK****11:10–12:50 ORAL SESSION H: BILINGUALISM 2**

- [OC–H1] Are cognate-bound suffixes preferentially processed during L2 word recognition? A test of the COST account  
11:10–11:30 *M. Comesaña, H. Oliveira, P. Gómez, P. Ferré*
- [OC–H2] The role of language proficiency in visual attention to a talking face: New evidence from Hidden Markov Model analysis  
11:30–11:50 *J. Birules, D. Lewkowicz, L. Bosch, F. Pons*
- [OC–H3] Bilingual language choice is affected by external primes and individual language preferences  
11:50–12:10 *A. de Bruin, C. Martin*
- [OC–H4] Delayed ambiguity resolution in L2  
12:10–12:30 *K. Erdocia, A. Romo, G. Martinez de la Hidalga, L. Vela-Plo, I. Laka*
- [OC–H5] Evaluation and revision in L1 and L2 text comprehension: An eye movement study  
12:30–12:50 *A. Pérez, E. Schmidt, I. Tsimpli*

**12:50–13:50 KEYNOTE LECTURE**

Gabriella Vigliocco (University College London, England)  
*Ecological language: A multimodal approach to language learning and processing*

**13:50–14:10 CLOSING CEREMONY**



## POSTER SESSION I (Thursday, April 11<sup>th</sup>, 17:00–18:30)

- [PI-01] **Bilingualism and hearer position effects in Spanish and Catalan Mallorcan systems of demonstratives** | E. Todisco, P. Guijarro-Fuentes, K. R. Coventry
- [PI-02] **Orthographic information facilitates L2 vocabulary memorization: Evidence of early accurate L2 orthographic representation among third grade monolingual children** | F. Salomé, E. Commissaire, S. Casalis
- [PI-03] **Do bilinguals get less distracted? Results from an auditory-visual oddball task** | D. Adrover-Roig, R. López-Penadés, V. Sanchez-Azanza, L. Buil-Legaz, F. Parmentier, E. Aguilar-Mediavilla
- [PI-04] **The bilingual advantage in within-language conflict resolution** | M. Á. Ramos Moreno, P. Macizo
- [PI-05] **Seeing or acting? The effect of gestures on foreign language vocabulary learning** | A. Belén García-Gámez, Ó. Cervilla, P. Macizo
- [PI-06] **Modality and cognate effects in L2 word recognition among French late learners of English** | C. Cornut, G. Mahe, S. Casalis
- [PI-07] **Language control in bilingual word production: Insights from error rate and error type in sentence production** | C. Martín, N. Nozari
- [PI-08] **How language type influences patterns of motion expression in bilingual speakers** | W. Lewandowski
- [PI-09] **Motor inhibition interferes with subsequent comprehension of sentential negation. An ERP study** | B. Liu, D. Beltrán, B. Gu, M. de Vega
- [PI-10] **Metaphor understanding and the concrete-abstract dimension** | M. Pérez Verdugo, I. Martín, J. M. Igoa
- [PI-11] **The role of world knowledge in the interpretation of cataphoric PROs** | J. Vela Candelas, J. Demestre Viladevall, N. Català Torres
- [PI-12] **A quantitative model of Questions Under Discussion** | M. Westera
- [PI-13] **Spanish idiom database: Correlations between affective and psycholinguistic variables** | J. M. Gavilán, J. Haro, J. A. Hinojosa, I. Fraga, P. Ferré
- [PI-14] **Iconic gestures facilitate word recognition: A cross-modal priming study with words** | I. Sánchez-Borges, C. J. Álvarez
- [PI-15] **A French adaptation of the Remote Associate Test** | A. Yakhlofi, S. Ottavi, A. Syssau
- [PI-16] **Bilingual writing co-activation: Lexical and orthographic processing in a word dictation task** | A. Iniesta, D. Paolieri, F. Serrano, T. Bajo
- [PI-17] **Incremental learning in word production: Tracing the fate of non-selected alternative names** | J. D. Jescheniak, F. Kurtz, H. Schriefers, A. Mädebach
- [PI-18] **The communication without words: A normative study for the Aragonese Portal of Augmentative/Alternative Communication (ARASAAC)** | D. Paolieri, A. Marful
- [PI-19] **Spreading of phonological activation in dyslexia through the lifespan** | J. Rodríguez-Ferreiro, P. Suárez-Coalla, C. Martínez-García, F. Cuetos, L. Buil-Legaz
- [PI-20] **Evidence for a role of memory in novel word-learning deficit after perinatal stroke** | C. François, L. Ferreri, P. Ripollés, A. Garcia-Alix, A. Rodriguez-Fornells, L. Bosch
- [PI-21] **Relationship between reported oral language difficulties and the risk of bullying in the primary schooling stage** | L. Buil-Legaz, M. Valera-Pozo, E. Salom-Mariano, À. Estellers-Cano, I. Sureda-García, J. A. Pérez-Castelló, R. López-Penadés, V. A. Sanchez-Azanza, E. Aguilar-Mediavilla, D. Adrover-Roig
- [PI-22] **Parafoveal processing in mildly aphasic readers** | O. Pakholiuk, L. Bos, Y. Pinto

- [PI-23] **Linguistic markers for the early detection of Alzheimer's dementia: The role of pauses in mild cognitive impairment** | P. Pastoriza-Domínguez, F. Diéguez-Vide, M. I. Gómez-Ruiz, J. Bello-López, A. Ávila-Rivera, V. Pytel, J. Matías-Guiu
- [PI-24] **Cross situational statistical learning in Catalan-Spanish children with SLI: An eye-tracking study** | N. Ahufinger, L. Ferinu, E. Guerra, F. Pacheco-Vera, Ll. Andreu, M. Sanz-Torrent
- [PI-25] **Acquisition of words emotional meaning in two contexts: Faces and phrases** | B. Gu, D. Beltrán, B. Liu, M. de Vega
- [PI-26] **Bad is good for second language learners: Facilitating effects of negativity bias in the domain of vocabulary learning** | O. Vasylets
- [PI-27] **Bilinguals' use of semantic and prosodic cues for emotion inference in speech** | M-F. Champoux-Larsson, A. S. Dylman
- [PI-28] **Increased gamma frequency synchronization for fear relative to anger-related words** | G. Santaniello, D. Huete-Pérez, L. Collado-Madurga, R. Calvillo, J-F. Rodriguez, P. Ferré, J. A. Hinojosa
- [PI-29] **Disentangling the effects of production and speaker variability on word learning** | E. C. Kapnoula, A. G. Samuel
- [PI-30] **Learning novel concepts in the native language: The role of emotional valence and concreteness** | M. Guasch, P. Ferré
- [PI-31] **Processing of inflectionally ambiguous word forms suggests existence of 'non-finite' word class category** | D. Bordag, A. Opitz
- [PI-32] **ERP studies of visual and auditory processing of negated sentences** | S. Farshchi, A. Andersson, J. van de Weijer, C. Paradis
- [PI-33] **The role of grammatical gender in predictive processing in Russian** | A. Aumeistere, S. Bultena, S. Brouwer
- [PI-34] **My fear - The happiness: Affective judgments of emotional and neutral words varying in self-reference: Comparison between German, Spanish and English language** | C. Herbert, I. Padron, B. Fischer, P. Ferré, I. Fraga
- [PI-35] **How much can you see? Individual differences in parafoveal perception during reading** | M. Antúnez, L. Hernández-Ramos, J. Dampuré, E. Meseguer, J. A. Hernández-Cabrera, H. A. Barber
- [PI-36] **Response congruency effects in masked priming lexical decision** | M. Fernández-López, A. Marcet, M. Perea
- [PI-37] **An ERP analysis of relative clauses in Turkish: Subject relative clauses favored** | M. Akyıldız, S. Şener, Ç. Ulaşoğlu, M. Aygüneş
- [PI-38] **Are visual cues used in the discrimination of vowel and fricative native contrasts?** | M. Ramon-Casas, N. Sanz, L. Bosch

## POSTER SESSION II (Friday, April 12<sup>th</sup>, 17:00–18:30)

- [PII-01] Phonological processes of L1 when handwriting words in L2 | Y. Hernández-Gálvez, O. Afonso, C. J. Álvarez
- [PII-02] Does orthographic cue help children to learn vocabulary in L2? A spoken word recognition study in French fifth graders | M-A. Lecerf, E. Commissaire, M. Comesaña, S. Casalis
- [PII-03] Lexical acquisition in French-Portuguese toddlers: Exploring the relationship between vocabulary size and executive function abilities | D. Valente, S. Kern, C. dos Santos
- [PII-04] Is bilingual morphological processing modulated by individual differences? Evidence from a masked priming lexical decision task with French-English bilinguals | A. I. Fernandes Silva, S. Casalis, A. P. Soares, M. Comesaña
- [PII-05] Recent-event preference in early and late bilingual language processing | D. Abashidze, P. Trofimovich, K. McDonough
- [PII-06] Simulating auxiliary phrase asymmetry in code-switched Spanish-English: *El modelo está* explaining a production asymmetry | C. Tsoukala, J. Valdés Kroff, S. Frank, M. Broersma, A. van den Bosch
- [PII-07] Cerebellar involvement in the control of verbal interference: A study of bilingual and monolingual adults | R. Filippi, E. Periche-Tomas, A. Papageorgiou, P. Bright
- [PII-08] On the role of non-syntactic factors in processing the Spanish *no-porque* ambiguity: Two elicited production studies | Y. Koizumi, J. Demestre, E. M. Fernández, J. García-Albea, J. M. Igoa
- [PII-09] Predictive generation of syntax during sentence reading | J. Martorell, R. G. Alhama, N. Molinaro, S. Mancini
- [PII-10] Fine-grained generation of grammatical structure aligns with parsing preferences: The case of relative clauses | M. Aguilar, N. Grillo
- [PII-11] Cyclicity in parsing and interpretation decision-making in Russian and English | M. Sokolova, R. Slabakova
- [PII-12] Eye-tracking the use of control information in null subject-antecedent dependencies | I. de-Dios-Flores, S. Mancini, C. Acuña-Fariña, M. Carreiras
- [PII-13] Interrogative extraction from nominal copular sentences: A structural asymmetry account | P. Lorusso, M. Greco, C. Chesì, A. Moro
- [PII-14] Sentence processing in older adults with and without subjective cognitive decline: Influences of working memory and interference control | D. del Río, M. Martín-Aragoneses, R. López-Higes, J. M. Prados, M. Montenegro, M. L. Delgado-Losada
- [PII-15] Event-related and time-frequency responses to the implicit processing of syntactic structure and semantic context | D. del Río, P. Garcés, J. Pacios-García, R. López-Higes, M. Martín-Aragoneses, F. Maestú
- [PII-16] To be (homonymous) or not to be: That is the question. A synchronic approach to homonymy | N. López-Cortés, M. C. Horno Chéliz
- [PII-17] Phonological competition during spoken-word recognition | M. Spangenberg, K. Plunkett
- [PII-18] Catalan speaker-writers' awareness of adjective compositionality | L. Cutillas, L. Tolchinsky
- [PII-19] Synchronous gesture-speech alignments in narrations by children with specific language impairment | A. Igualada, C. Wray, P. Prieto, C. Norbury
- [PII-20] Speech and hearing disorders in children with different localization of brain tumors | A. Polishchuk, V. Kasatkin, A. Latanov
- [PII-21] Reading aloud of pseudowords in patients with Alzheimer's dementia | M. González-Nosti, E. Morandeira, M. C. Pérez-Sánchez, F. Cuetos
- [PII-22] Listening to and singing songs facilitate initial stages of L2 pronunciation | Y. Zhang, F. Baills, P. Prieto

- [PII-23] **The role of lexical iconicity in situated and displaced word-learning** | Y. Motamedi, L. Wonnacott, C. Marshall, P. Perniss, G. Vigliocco
- [PII-24] **Complex phonological tasks predict reading fluency and reading comprehension** | S. V. Dorofeeva, V. Reshetnikova, A. Laurinavichyute, T. V. Akhutina, W. Tops, O. Dragoy
- [PII-25] **Children's use of tactile input when acquiring non-native phonological contrasts** | N. Esteve-Gibert, M. M. Suarez, O. Vasylets, R. Serrano
- [PII-26] **Phonological iconicity and affective content: A novel word learning experiment** | D. Carrasco, J. Haro, J. A. Hinojosa, P. Ferré
- [PII-27] **The study of connotations in lexical innovations** | E. Llopart-Saumell
- [PII-28] **The capability of word frequency and accessibility indexes derived from large-scale free-association Spanish norms to predict lexical processing** | E. Díez, M. A. Alonso, A. Fernandez
- [PII-29] **Linguistic knowledge mediates the effects of working memory on written second language production** | O. Vasylets, J. Marín Serrano
- [PII-30] **Controversial conversion** | A. Opitz, D. Bordag
- [PII-31] **The influence of children's divergent sociolinguistic experiences in the development of language as a social category: A systematic review** | C. Saumell Andreu, M. Hernández, F. Pons
- [PII-32] **Speech rhythm is modulated by human interaction: The case of synchrony in dyadic tasks** | K. Cerda Oñate, G. Toledo, M. Ordin
- [PII-33] **Durational hand gestures facilitate the learning of L2 vowel length contrasts** | P. Li, F. Baills, P. Prieto
- [PII-34] **Language partial left-lateralization speaks against modality-independence** | Q. Zhang, J. Rosselló
- [PII-35] **Access to specialized knowledge: Empirical studies to facilitate Specialized Translation and Terminology Management** | O. Koreneva Antonova, F. Padilla Adamúz

### [PII-13] Interrogative extraction from nominal copular sentences: A structural asymmetry account

Paolo Lorusso, Matteo Greco, Cristiano Chesi, Andrea Moro

IUSS University School for Advanced Study Pavia

Nominal copular sentences [DP V DP] can be distinguished in: canonical (1) *subject+copula+predicative expression* and inverse *predicative expression-copula-subject* (2) (Moro 1997).

(1) [SubjDP The picture]<sub>i</sub> is<sub>i</sub> [SmallClause\_<sub>i</sub> t<sub>i</sub> [DP the cause of the riot]].

(2) [PredDP The cause of the riot]<sub>j</sub> is<sub>j</sub> [SmallClause [SubjDP the picture]<sub>i</sub> t<sub>j</sub>]

Different syntactic asymmetries are found between inverse and canonical copular constructions (Moro 1997). This study is about a SPR experiment combined with a sentence comprehension task (40 native Italian participants) on the asymmetry found in the *wh*- extraction of the NP from the referential subject DP (*foto* 3a-4a) or from the predicative DP (*causa* 3b-4b) in both canonical (3) and inverse copular sentences (4).

#### (3) Canonical

a. \*[<sub>PP</sub> Di quale muro]<sub>i</sub>, ... [<sub>DP</sub> le foto t<sub>i</sub>]<sub>a</sub> sono [<sub>SC</sub> [t<sub>a</sub>]<sub>i</sub> [<sub>DP</sub> la causa [<sub>PP</sub> della rivolta]]]?  
Of which wall ... the pictures are the cause of the riot?

b. [Di quale rivolta]<sub>j</sub> ... [<sub>DP</sub> le foto [<sub>PP</sub> del muro]]<sub>a</sub> sono [<sub>SC</sub> [t<sub>a</sub>]<sub>j</sub> [<sub>DP</sub> la causa t<sub>j</sub>]]?  
Of which riot .... the pictures of the wall are the cause?

#### (4) Inverse

c. \*[Di quale muro]<sub>k</sub>, ... [la causa [<sub>PP</sub> della rivolta]]<sub>b</sub> sono [<sub>SC</sub> [le foto t<sub>k</sub>]<sub>i</sub> [t<sub>b</sub>]]?  
Of which wall the cause of the riot are (=is) the pictures?

d. \*[Di quale rivolta]<sub>l</sub>, ... [la causa t<sub>l</sub>]<sub>b</sub> sono [<sub>SC</sub> [<sub>DP</sub> le foto [<sub>PP</sub> del muro]]<sub>i</sub> [t<sub>b</sub>]]?  
Of which riot .... the cause are (=is) the pictures of the wall?

The results show that participants were both quicker and more accurate in answering the comprehension question when the extraction takes place from a predicative DP in canonical sentences (3a), confirming that the structural asymmetry between referential subject and predicative DP has a central role in both the processing and the comprehension of nominal copular sentence as predicted by Moro (1997, 2006).

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**Keywords:** syntactic processing, copular sentences, WH extraction, clause structure

BACK TO TOP