2014 年中央研究院重要研究成果

<u>語言學研究所</u>

西元年：2014

研究人員(中)：李佳穎、周家如、黃緒文、李佳霖、李佳穎*

研究人員(英)：LEE, CHIA-YING, Chou, C.-J., Huang, H.-W., Lee, C.-L., & Lee, C.-Y.*

研究成果名稱(中)：以量詞－名詞片語探討脈絡限定性與克漏字機率效應

研究成果名稱(英)：Effects of Semantic Constraint and Cloze probability on Chinese Classifier-Noun Agreement

簡要記述(中)：本研究以中文「量詞－名詞片語」與事件關聯電位探討閱讀歷程中詞的預測與整合如何受脈絡因素之影響。實驗操弄脈絡限定性(強、弱)與克漏字機率(高、低、無關聯)。弱限定性量詞引發較小 P200 波幅、較大的前區負波，這結果顯示讀者以量詞預測下一項詞彙。看見接續量詞的名詞時，脈絡限定性與名詞之克漏字機率在 N00 波幅產生交互作用。弱限定性量詞之下，名詞的克漏詞機率越低則 N400 越小(高<低<無關連)。在強限定性量詞下，低關聯與無關連名詞引發之 N400 皆大於高關聯名詞，然而低、無關聯名詞之間無顯著差異。進一步以低關聯名詞在強、弱限定性之間進行分析，此時限定性效果僅侷限在 N400 波幅，且不影響前區負波。這些結果顯示，N400 波幅可同時反映兩種詞彙預測的語言特徵，包含脈絡情境與關聯性。

簡要記述(英)：This study aims to examine when and how readers make use of top-down information to predict or integrate upcoming words by utilizing the characteristics of Chinese classifier-noun agreement, as measured by event-related potentials (ERPs). Constraint strength of classifiers (strong and weak) and cloze probability of the pairing noun (high, low, implausible) was manipulated. Weakly constrained classifiers elicited a less positive P200 and an enhanced frontal negativity than strongly constrained classifiers, suggesting that readers used the preceding classifier to predict the upcoming noun, even before the pairing noun appeared. For ERPs elicited by the pairing nouns, there was a significant interaction between semantic constraint and cloze probability for the N400. For nouns following the weakly constrained classifiers, there was a graded cloze probability effect on the N400 (High < Low < Imp). For nouns following the strongly constrained classifiers, both low cloze and implausible nouns elicited larger N400s than high cloze nouns; however, there was no difference between low cloze and implausible nouns. The critical comparison for the constraint effect of low cloze nouns was found for the N400 but not for frontal positivity, suggesting that the N400 reflects a joint effect of both benefit and cost of prediction.

主要相關著作：

Chou, C.-J., Huang, H.-W., Lee, C.-L., & <u>Lee, C.-Y.</u>*, 2014, "Effects of Semantic Constraint and Cloze probability on Chinese Classifier-Noun Agreement", *Journal of Neurolinguistics*, 31, 42-54. (SCI, SSCI) (IF: 1.115; SCI ranking: 85.3%; SSCI ranking: 74.7%,18.5%)

西元年：2014

研究人員(中)：孫天心

研究人員(英)：SUN, JACKSON T.-S.

研究成果名稱(中)：草登嘉戎語泛指人稱的標記類型

研究成果名稱(英)：Typology of Generic-Person Marking in Tshobdun Rgyalrong

簡要記述(中)：人類語言都有「泛指人稱」，用以寬範圍引指「人們」。草登嘉戎語是四川境內一種形態複雜的漢藏語。本文從類型學的角度探討草登話泛指人稱，發現本語主要採用源自

名物化成分之動詞形態標記泛指人稱，屬於較罕見之跨語言類型。此類形態標記已進一步融入人稱體系，成為動詞「第四人稱」，顯示嘉戎語形態句法充分反映「屬人」語意之醒目特徵。

簡要記述(英)：All languages have expressions that refer to the generic person (GP), or 'people in general'. This paper investigates from a typological perspective GP-representation in Tshobdun Rgyalrong, a morphologically complex Sino-Tibetan language spoken in Sichuan. Tshobdun marks GP predominantly with cross-

linguistically the least common

GP-encoding device, namely dedicated verbal morphology evolving from erstwhile nominalizers. The integration of GP into the

inflectional person category as a 'fourth person' is a manifestation of the remarkable prominence of humanness marking in Rgyalrong grammar.

主要相關著作：

Jackson T.-S. Sun, 2014, "Typology of Generic-Person Marking in Tshobdun Rgyalrong. ", editor(s): Richard VanNess Simmons and Newell Ann Van Auken, *Language and Linguistics Monograph Series 53. Festschrift to Honor South Coblin: Studies in Chinese and Sino-Tibetan Linguistics: Dialect, Phonology, Transcription and Text.*, pp. 225-248, Taipei, Taiwan: Institute of Linguistics, Academia Sinica.

西元年：2014
研究人員(中)：鄧芳青
研究人員(英)：TENG, FANG-CHING
研究成果名稱(中)：卑南語「謂語領屬結構」之語法化過程以及古南島語構擬之依據
研究成果名稱(英)：Grammaticalization of predicative possession in Nanwang Puyuma and as a basis for reconstruction in PAn
簡要記述(中)：在卑南語裡，標記 i-可用來標示「穿」、「所有」、「工具」，以及「存在」等不同的語意。這篇論文旨在探討 i-在不同語意間關聯性的由來及其發展軌跡。本文認為，標記 i-的原意為「帶著、穿」，經過語法化過程，賦予了標示「所有」、「工具」等功能。而用來標示「存在」的功能則為更後期語法化的結果。 從其他台灣南島語所提供的證據，我們發現古南島語詞素*Si-〈*Si-在現代卑南語的形式即為 i-〉可被構擬至古南島語，意為「帶著、穿」，這項語言證據有助於論證我們的假設〈亦即標記 i-最初的原意為「帶著、穿」〉。

簡要記述(英)：In Puyuma, the marker i- is used to express meanings of wearing, possession, instrumentality, and existence. The purpose of this paper is to investigate how these different meanings can be related and what the developmental path is. It is suggested that the original meaning of this marker is 'carry, wear', and that this was later grammaticalized to give the meanings of possession and instrumentality. The meaning of existence is the result of a later development. Evidence from other Formosan languages also shows that the morpheme *Si-, meaning 'wear, carry', can be reconstructed to Proto-Austronesian, and thus supports our hypothesis.

主要相關著作：

Stacy Fang-ching Teng, 2014, "Grammaticalization of predicative possession in Nanwang Puyuma and as a basis for reconstruction in PAn", *OCEANIC LINGUISTICS*, 53(1),141-159. (A&HCI)

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李佳穎（**LEE, CHIA-YING**）

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Hsu, C-H., Lin, S.-K., Hsu, Y.-Y., Lee, C.-Y.*, 2014, "The neural generators of the mismatch responses to Mandarin lexical tones: an MEG study", *Brain Research*, 1582, 154-166. (SCI) (IF: 2.879; SCI ranking: 50%)

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張永利（CHANG, YUNG-LI）

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曾淑娟（TSENG, SHU-CHUAN）

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學術會議(研討會)論文

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黃慧娟（HUANG, HUI-CHUAN）

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鄭秋豫（TSENG, CHIU-YU）

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