Accepted Manuscript

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PII: S0301-0511(18)30231-X

DOI: https://doi.org/10.1016/j.biopsycho.2018.04.001

Reference: BIOPSY 7522

To appear in:

Received date: 11-10-2017 Revised date: 3-4-2018 Accepted date: 3-4-2018

Please cite this article as: Kóbor, Andrea, Takács, Ádám, Kardos, Zsófia, Janacsek, Karolina, Horváth, Kata, Csépe, Valéria, Nemeth, Dezso, ERPs differentiate the sensitivity to statistical probabilities and the learning of sequential structures during procedural learning.Biological Psychology https://doi.org/10.1016/j.biopsycho.2018.04.001

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ERPs differentiate the sensitivity to statistical probabilities and the learning of sequential structures during procedural learning

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Highlights

- Multiple parallel learning processes contribute to procedural memory formation.
- Statistical and sequence learning develop along a different temporal trajectory.
- Statistical probabilities are acquired rapidly but sequence learning is gradual.
- The amplitude change of the N2 component is a correlate of both learning processes.

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