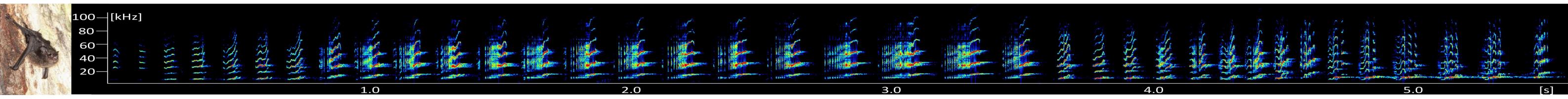
Babbling bat pups and human infants: common features in the babbling behaviour of vocal learners Freie Universität Berlin

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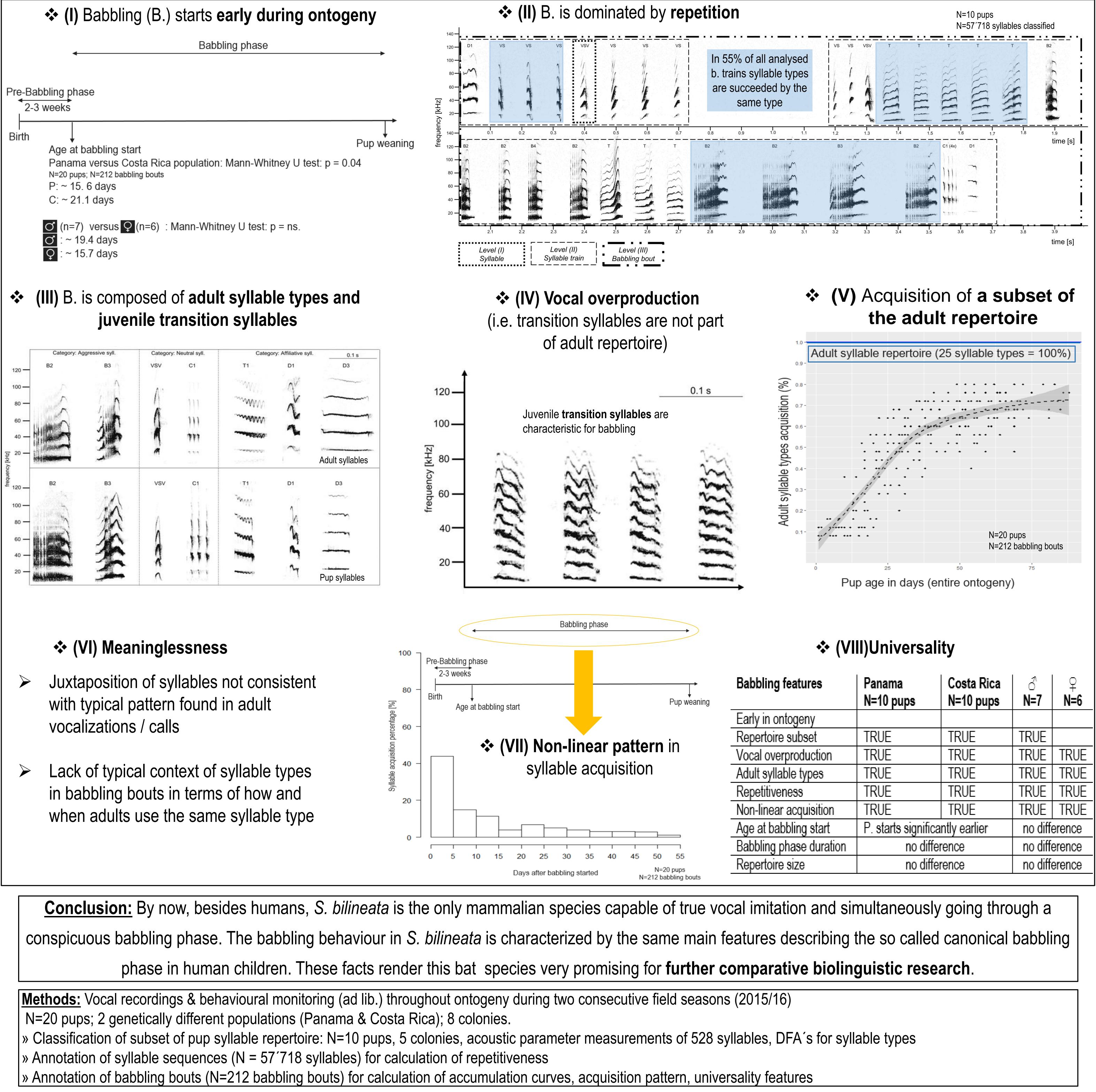
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Are there shared common features in infant canonical babbling and pup babbling of the bat Saccopteryx bilineata?

Canonical babbling is considered to be a crucial step during early language acquisition in human infants^{1,2}. So far, vocal repertoire ontogeny reminiscent of canonical babbling has only been described in songbirds (plastic song) and certain primates³⁻⁵. Saccopteryx bilineata exhibits a complex vocal repertoire which is acquired by pups through a consipicuous babbling phase. We hypothesized that babbling is a critical developmental stage for acquiring a complex vocal repertoire. Thus, babbling should be characterized by the same universal features (I-VIII) shared among infant canonical babbling and bat pup babbling.



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