

Put the apple on the plate but just move the plate: Event perception in German and Korean speakers.

Alexandra Kroiss

University of Vienna, Vienna, Austria

Florian Goller

University of Vienna, Vienna, Vienna, Austria

Ulrich Ansorge

University of Vienna, Vienna, Austria

Soonja Choi

University of Vienna, Vienna, Austria

Abstract

This study investigates the typological and grammatical influence of language (German and Korean) on linguistic expressions, visual perception, and recognition of caused spatial events. In German, a satellite-framed language, Path of motion is lexicalized in satellites, whereas in Korean, a verb-framed language, Path is typically lexicalized in the verb root. We tested German and Korean native speakers in a linguistic description task as well as in a memory task involving eye tracking. Our results show that both verbal (linguistic expressions) and nonverbal (memory performance, eye movements) behaviors are determined at least in part by language-specific grammar. While Korean speakers principally categorize spatial relationships according to degree of fitness, German speakers do so based on containment or support.