**To what extent does children’s independent mobility affect women’s daily activity patterns among the different ethnic groups?**

Many researchers have turned to activity-based analysis, where travel is a demand that is derived from the desire for personal activity. Travel decisions, therefore, form a part of a broader activity scheduling process. The basic travel unit is a tour, which is defined as a sequence of trip segments that start at home, proceed to activities on time, and end back at home. Activity-based research emphasizes that activities may change on a daily basis, thus influencing travel choices. Elias et al. (2017) showed that explicitly considering the activity patterns of children was important when accounting for the linkage between the activity-travel patterns of children and adults and accurately. The main purpose of this study is to examine the impact of **children’s independent mobility on the complexity of women’s daily activity patterns among the various ethnic groups.** The study is based on a unique data set that includes activity and travel diaries for about 13 thousand households in Israel.