

# Survey on Caregiver and Financial Resources for Time Donation

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**Abstract:** *Online time donation-based caregivers has brought new life to needy people by soliciting small monetary contributions from time donors to help others in trouble or with dreams. However, a crucial issue for caregiver platforms as well as time donation process is the problem of high donor attrition, i.e., many donors donate only once or very few times within a rather short lifecycle and then leave. Thus, it is an urgent task to analyze the factors of and then further predict the donors' behaviors. Especially, we focus on two types of behavioral events, e.g., donation recurrence (whether one donor will make donations at some time slices in the future) and financial resources (whether one can take help by financially in future time). In this project, we present a focused study on donation recurrence and financial resource with the help of large-scale behavioral data collected from time donation. The experimental results clearly demonstrate the effectiveness of our proposed models for analyzing the donation recurrence and financially in time donation.*  
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