



用户协同信息检索行为与系统评价研究——以任务类型和协同能力为视角

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摘要 采用系统日志法、问卷调查法、半结构化访谈法等数据收集方法,以及统计分析法和内容分析法等数据分析方法在Coagmento系统上进行用户协同信息检索实验及结果分析。实验结果显示,协同能力和任务类型均对用户的协同信息检索行为产生影响:协同能力不同的用户在“推荐”行为上差异显著;任务类型不同对用户的“浏览网页”、“检索”和“使用图片”行为影响较大。且协同能力较强的用户在实验中获得更好的检索效果,因此,协同检索系统更适合由协同能力较强的用户通过合作来完成复杂任务。

关键词: [协同信息检索](#) [用户行为](#) [系统评价](#) [协同能力](#) [任务](#)

Abstract: Several data collection methods such as log analysis, semi-structured interview, questionnaires and data analysis methods such as mathematical statistics, content analysis are adopted in an experiment and its result analysis of users' collaborative information search on the Coagmento system. The results show that tasks and collaborative abilities do have impacts on users' collaborative information seeking behaviors. Collaborative abilities have influence on the behavior of "Recommend", while tasks have influence on the behaviors of "Webpage", "Search", and "Image". The participants with higher collaborative abilities get better retrieval effectiveness than those with lower collaborative abilities in the experiment. Therefore, collaborative information retrieval system is more suitable for users with strong collaborative abilities to collaborate on complex tasks.

Keywords: [Collaborative information search](#), [User behavior](#), [System evaluation](#), [Collaborative ability](#), [Task](#)

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