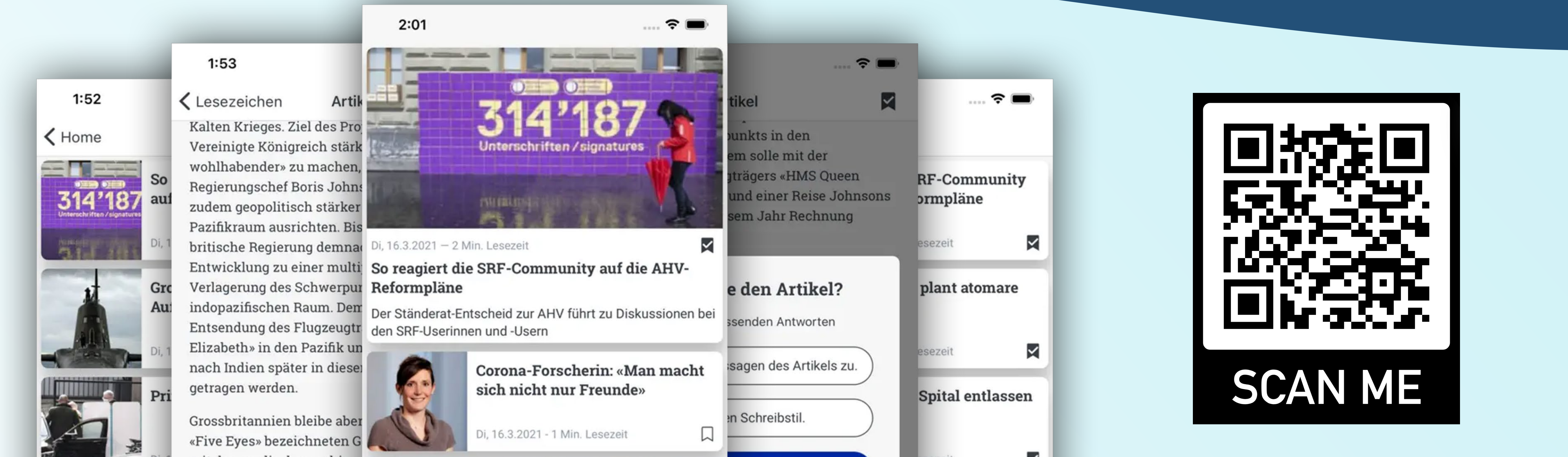


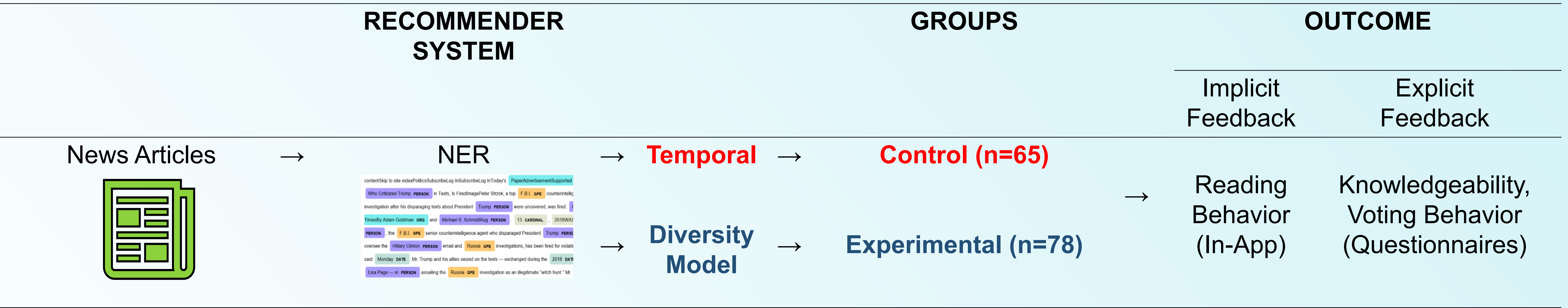
Deliberative Diversity for News Recommendations: Operationalization and Experimental User Study

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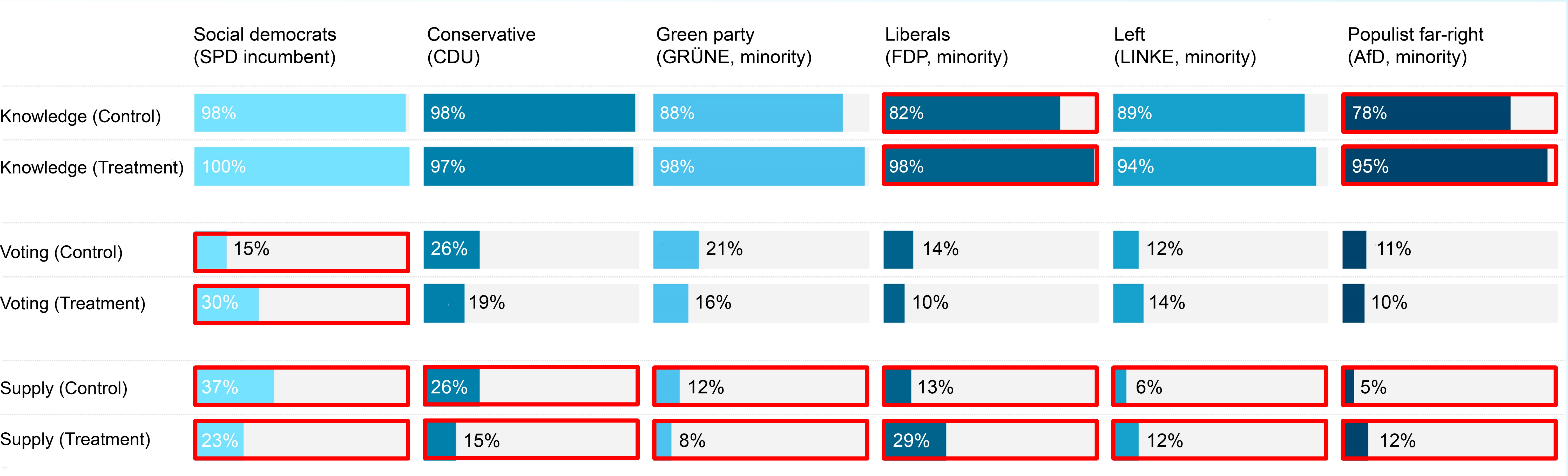


RQ: How does varying party visibility in news recommendations affect users' party preferences?



We conduct a field experiment prior to federal state elections in Lower Saxony, Germany (elections on October 9, 2022). N=143 participants were recruited to use our custom news app **Informfully** (www.informfully.ch) during the state election campaigns. Participants were randomly distributed to the control (news as published) or treatment condition (overexposure for minority parties, using a diversity model).

Selected Results from the User Study



We show the capacity of NRSs to **increase knowledgeability** of minority parties among participants in the treatment group. Results suggest an **inverse relationship** between party exposure and party support (voting behavior). The supply of political news to control and treatment group showed a significant difference for all parties (values in percentage, all significant results highlighted red).