

Deconstructing Human-AI Collaboration: Agency, Interaction, and Adaptation (Supplementary Materials)

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Appendix A: Seed Design Space

The first phase of our methodology (i.e., the systematic literature review) yielded a prototype design space consisting of 17 individual dimensions grouped into five broader categories as seen in Figure 1. This initial conceptual model was used as a starting point for the interview study throughout which the initial seed design space was refined and optimized in accordance to expert opinion.

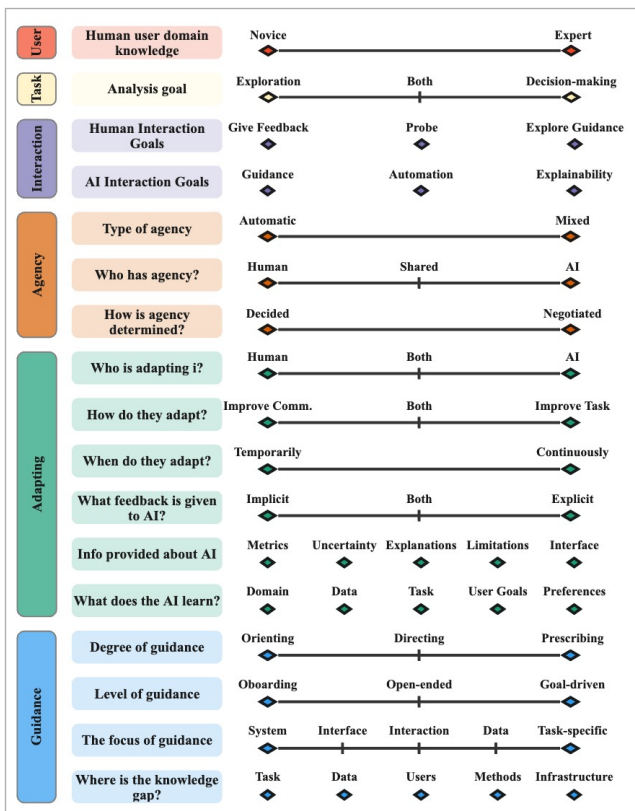


Figure 1: **Seed Design Space:** An initial prototype for describing human-AI collaboration. The result of the initial systematic literature review and used as the base template for the interview study with practitioners.

Appendix B: Design Space Refinement

Over the course of the interview study the design space went through a number of iterations before reaching the final state presented in the paper. The details of this refinement process are summarized in Figure 2. For each step of the interview study the high-level categories are presented as well as the number of individual dimensions corresponding to each grouping.

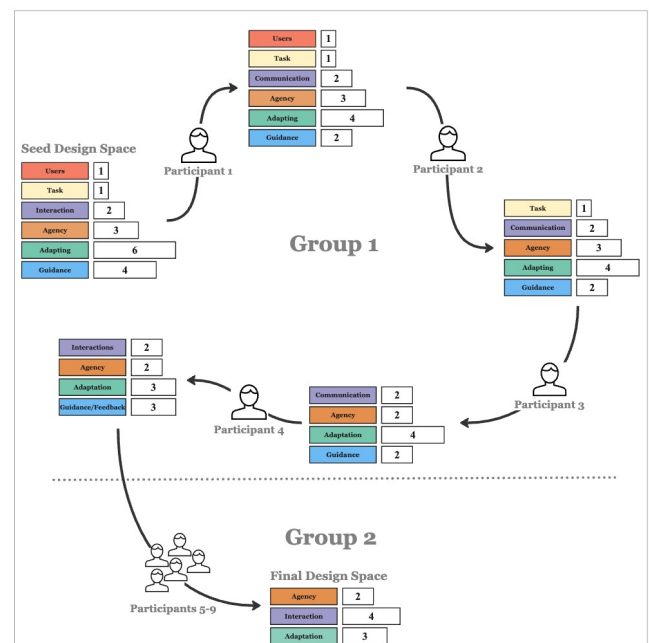


Figure 2: **Iterative Refinement:** A comprehensive overview of the evolution of the design space during the interview study. For interview *Group 1* changes were applied after every individual interview. For *Group 2* the suggestions were collected and applied in aggregated form at the end of the study.