Experiment 1 Users' Judgements В Sentiment Analysis I would chat with Prop. (Sentiment ea Condition) GPT-4 Texts Participants Texts I enjoyed our them again conversation 1.0 Strongly Agree 0.5 Neutral Strongly Disagree I felt that they were I felt distant different from me from them **Text Sentiment Category** Strongly Agree * GPT-4 type: 📥 Anxious 🔖 Non-Anxious ikert Scale C **Anxiety and Sentiment** Neutral Mixed Negative R = -0.019, p = 0.86R = 0.28, p = 0.0085Strongly Disagree I felt that we I felt that they Prop. Anxious - Prop. Non-Anxious are similar understood me 0.0 Strongly Agree * -0.5 Neutral Positive Neutral -0.8 R = -0.058, p = 0.59R = -0.19, p = 0.079Strongly Disagree 0.5 1.0 0.0 0.5 1.0 0.0 Anxiety (SCL-90R)

GPT-4 type: •

Anxious — Non-Anxious

0.5

1.0 0.0

Anxiety (SCL-90R)

1.0

0.5