

Supplemental Table S4: Ordinal Logistic Regression Predicting Interest in LLM use

	Odds Ratio	Lower 95%CI	Upper 95%CI
Age	0.99	0.98	1.00
Gender (ref. woman)	1.16	0.8	1.68
Education (low vs middle)	1.08	0.68	1.72
Education (low vs tertiary)	1.66	1.05	2.64
Technical Affinity (Neutral vs Does not apply)	0.32	0.16	0.66
Technical Affinity (Neutral vs Rather does not apply)	0.89	0.47	1.71
Technical Affinity (Neutral vs Rather applies)	0.87	0.50	1.49
Technical Affinity (Neutral vs Applies)	1.81	0.98	3.37
Interest on SDM (Neutral vs Does not apply)	0.65	0.07	4.80
Interest on SDM (Neutral vs Rather does not apply)	2.21	0.2	26.17
Interest on SDM (Neutral vs Rather applies)	1.06	0.53	2.12
Interest on SDM (Neutral vs Applies)	1.28	0.67	2.44

The outcome variable was interest in LLMs (ordinal scale). Odds ratios are derived from the ordinal logistic regression model adjusted for age, gender, education, technical affinity, and SDM interest (assuming proportional odds assumption). Reference categories are indicated in parentheses. Education was recoded into a three-level factor (low, secondary, tertiary) using predefined categories. The five-point Likert scales for technical affinity, shared-decision-making interest, and LLM interest included ordered categories of “Does not apply”, “Rather does not apply”, “Neutral”, “Rather applies” or “Applies”. In the ordinal logistic regression model, higher education and technical affinity were associated with greater interest in LLMs. Participants with tertiary education had significantly higher odds of reporting greater LLM interest compared to those with low education (OR = 1.66, 95% CI: 1.05–2.64). Low technical affinity (“does not apply”) was strongly associated with lower LLM interest (OR = 0.32, 95% CI: 0.16–0.66), while a trend toward higher interest was observed among those with high technical affinity (“applies”) (OR = 1.81, 95% CI: 0.98–3.37). Age, gender, and interest in SDM showed no consistent associations with LLM interest. These findings should be interpreted cautiously, as they rely on the proportional odds assumption underlying the model. Abbreviations: CI = confidence interval; LLM = large language models; SDM = shared decision making.