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Supplementary appendix

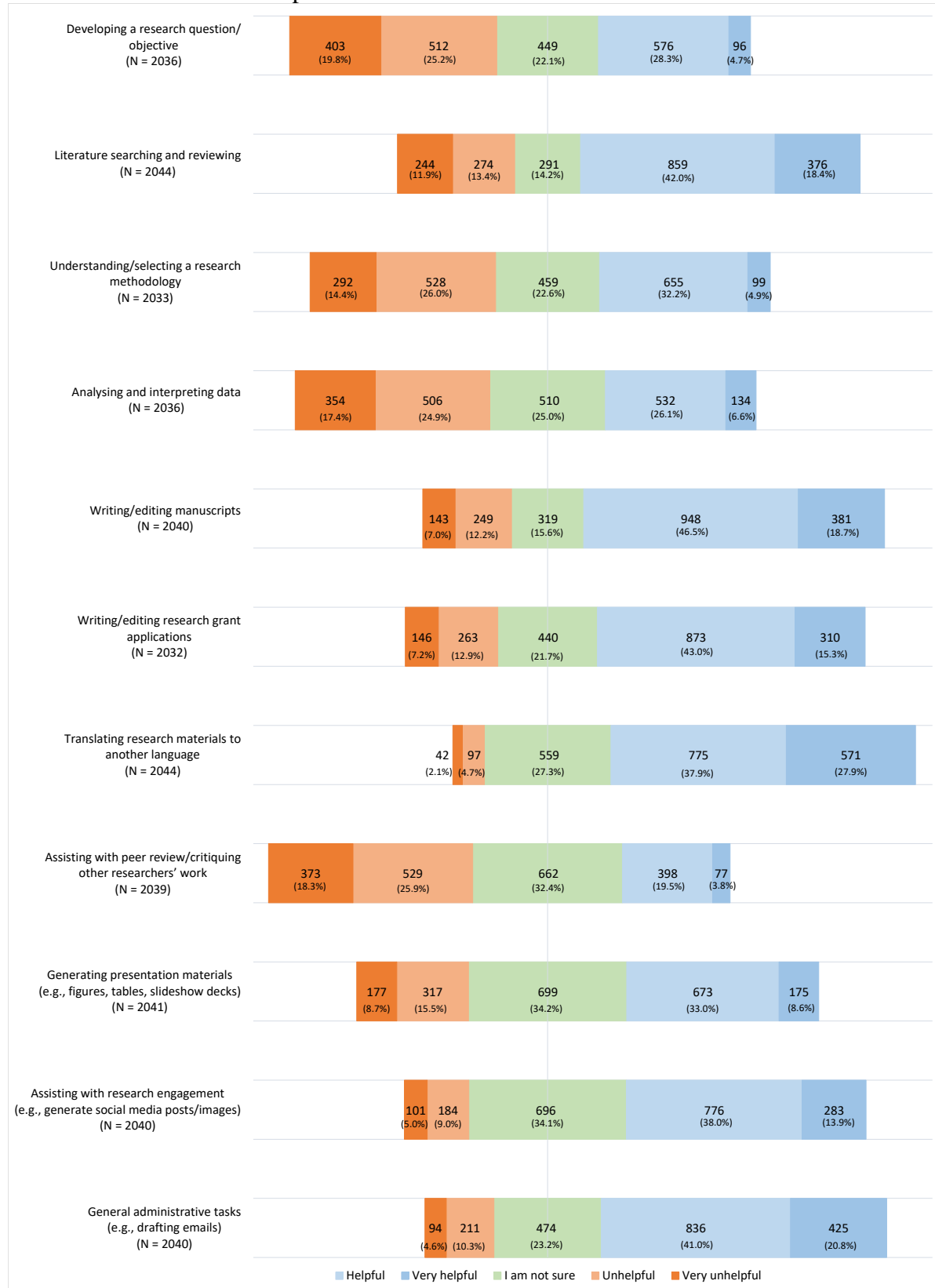
This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Ng JY, Maduranayagam SG, Suthakar N et al. Attitudes and perceptions of medical researchers towards the use of artificial intelligence chatbots in the scientific process: an international cross-sectional survey. *Lancet Digit Health* 2024; published online Nov 15. [https://doi.org/10.1016/S2589-7500\(24\)00202-4](https://doi.org/10.1016/S2589-7500(24)00202-4).

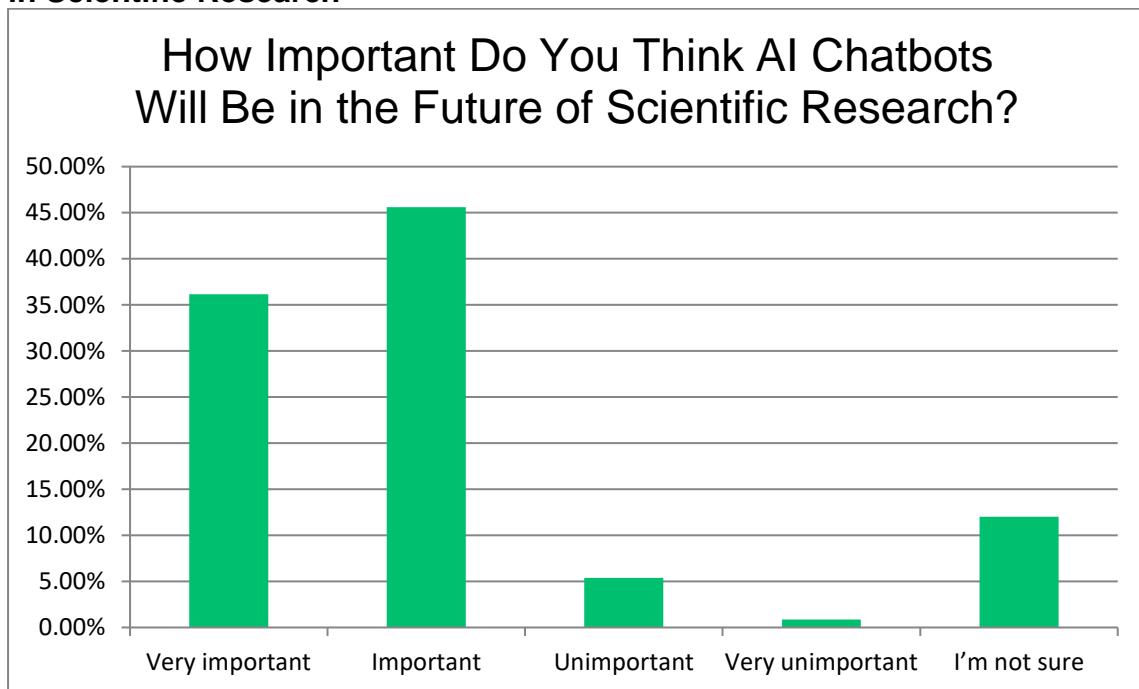
Figures and Tables Appendix

Figures

Appendix Figure 1: Respondent Agreement with Statements Regarding the Helpfulness of AI Chatbots in Different Steps of the Scientific Process



Appendix Figure 2: Respondent Perceptions of the Importance of AI Chatbots in Scientific Research



Tables

Appendix Table 1: Respondent Demographic Data

Question	Answer Choices	Frequency	Percent
Career stage	Early career researcher (<5 years of formally starting your career post formal education)	466	21.52%
	Mid-career researcher (5-10 years of starting your career post formal education)	563	26.00%
	Senior researcher (>10 years of starting your career post formal education)	1136	52.47%
Total		2165	100.00%
Age	18-24	11	0.51%
	25-35	425	19.71%
	36-45	706	32.75%
	46-55	536	24.86%
	56-65	310	14.38%
	65+	153	7.10%
	Prefer not to say	15	0.70%
Total		2156	100.00%
Gender	Male	1161	54.03%
	Female	959	44.63%
	Non-binary	10	0.47%
	Prefer not to say	16	0.74%
	Prefer to self-describe, please specify.	3	0.14%
Total		2149	100.00%
Country of primary employment (10 most popular shown)	United States of America	601	28.12%
	Canada	163	7.63%
	Italy	129	6.04%
	United Kingdom of Great Britain and Northern Ireland	113	5.29%
	Australia	111	5.19%
	China	86	4.02%
	Spain	74	3.46%
	India	61	2.85%
	Netherlands	61	2.85%
	Brazil	45	2.11%
Total		1444¹	67.57%

¹ A total of 2137 respondents stated their country of primary employment.

Current position	Faculty member at a university/academic institution	1369	63.44%
	Academic research staff (e.g., research coordinator) at a university/academic institution)	370	17.15%
	Government researcher	95	4.40%
	Clinician researcher	470	21.78%
	Pharmaceutical industry/company employee	24	1.11%
	Scholarly communications employee (e.g., scholarly journals/publishing, medical writing)	10	0.46%
	Consultant (e.g., own or employed by research consulting firm)	64	2.97%
	Third sector (E.g., NGO, non-profit)	53	2.46%
	Other (please specify)	153	7.09%
Total		2158	100.00%
Primary research area	Clinical research	1107	51.27%
	Preclinical research – in vivo	349	16.16%
	Preclinical research – in vitro	355	16.44%
	Health systems research	260	12.04%
	Health services research	392	18.16%
	Methods research	333	15.42%
	Epidemiological research	549	25.43%
	Other (please specify)	295	13.66%
Total		2159	100.00%
Number of research articles published to date	≤2	30	1.41%
	3-10	275	12.89%
	11-20	279	13.08%
	21-50	548	25.69%
	51-100	424	19.88%
	101-200	359	16.83%
	201-500	189	8.86%
	501-800	19	0.89%
	801-1000	6	0.28%
	1001-1300	2	0.09%
	Other (incomplete)	2	0.09%
Total		2133	100.00%