



## *Apoio de IA na autoria de manuscritos*

*MCM5917- FMUSP*

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GLOBAL HEALTH POLICY

By Matthew Harris, Joachim Marti, Hillary Watt, Yasser Bhatti, James Macinko, and Ara W. Darzi

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# Explicit Bias Toward High-Income-Country Research: A Randomized, Blinded, Crossover Experiment Of English Clinicians

**EXHIBIT 1**
**Sources attributed to abstracts in the study of bias in assessing research attributed to high- and low-income countries**

	Group <sup>a</sup>			
	A	B	C	D
Sample size	81	89	89	88
Journal attribution (all abstracts)	NEJM	NEJM	JCM	JCM
University/country attributions				
Control abstract: <sup>b</sup> antenatal care quality				
Wave 1	Oxford	Oxford	Oxford	Oxford
Wave 2	Oxford	Oxford	Oxford	Oxford
Abstract 1: randomized trial of DOTS treatment for tuberculosis (Note 13 in text)				
Wave 1	Freiburg	Addis Ababa	Freiburg	Addis Ababa
Wave 2	Addis Ababa	Freiburg	Addis Ababa	Freiburg
Abstract 2: cross-sectional comparison of HIV services in maternal and child health (Note 14 in text)				
Wave 1	Addis Ababa	Freiburg	Addis Ababa	Freiburg
Wave 2	Freiburg	Addis Ababa	Freiburg	Addis Ababa
Abstract 3: randomized trial of cholesterol-lowering drug rosuvastatin (Note 15 in text)				
Wave 1	Mzuzu	Harvard	Mzuzu	Harvard
Wave 2	Harvard	Mzuzu	Harvard	Mzuzu
Abstract 4: cross-sectional trial of methadone treatment in drug addicts (Note 16 in text)				
Wave 1	Harvard	Mzuzu	Harvard	Mzuzu
Wave 2	Mzuzu	Harvard	Mzuzu	Harvard

JCM: IF 2,15  
 (Journal of Community Medicine and Health Education )  
 NEJM: IF 72

Addis Ababa: Etiópia  
 Mzuzu, Malawi

**EXHIBIT 2****Characteristics of respondents to the study of bias in assessing research attributed to high- and low-income countries**

<b>Characteristic</b>	<b>Respondent group<sup>a</sup></b>			
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
Male	69.1%	65.2%	71.9%	79.3%
Mean age (years)	45.5	45.5	44.1	43.5
Born in the UK	55.6%	66.3%	62.9%	69.3%
Doctoral degree	14.8%	12.4%	19.1%	26.1%
Frequent consumer of research <sup>b</sup>	33.3%	32.6%	39.3%	38.6%
Frequent peer reviewer of research <sup>b</sup>	4.90%	1.12%	6.70%	6.80%
Mean time since qualification (years)	21.0	21.4	20.3	19.3
Proportion spending 3 or more days in clinical practice per week	95.1%	97.8%	93.3%	94.3%
Survey response				
Mean time spent per abstract (seconds)	83.0	71.7	76.4	70.0
Mean time between waves 1 and 2 (days)	27.9	28.1	28.9	28.3



**EXHIBIT 3**

Respondents' ratings of abstracts, by country income and journal Impact Factor, study of bias in assessing research attributed to high- and low-income countries

	Country income group			Journal Impact Factor		
	Low	High	Difference in ratings <sup>a</sup>	High (72.41)	Low (2.15)	Difference in ratings <sup>b</sup>
<b>ABSTRACT 1: RANDOMIZED TRIAL OF DOTS TREATMENT FOR TUBERCULOSIS</b>						
Strength, mean	50.9	50.3	-0.54	50.2	51.0	-0.79
Relevance, mean	26.4	29.1	2.69**	26.0	29.4	-3.42
Recommendation, mean	27.3	29.9	2.76**	28.1	29.1	-0.94
<b>ABSTRACT 2: CROSS-SECTIONAL COMPARISON OF HIV SERVICES IN MATERNAL AND CHILD HEALTH</b>						
Strength, mean	42.9	44.9	1.97	43.9	43.9	-0.04
Relevance, mean	24.3	29.7	5.51****	27.7	26.3	1.43
Recommendation, mean	26.3	27.6	1.30	27.7	26.1	1.60
<b>ABSTRACT 3: RANDOMIZED TRIAL OF CHOLESTEROL-LOWERING DRUG ROSUVASTATIN</b>						
Strength, mean	55.8	59.8	3.98****	57.3	58.3	-1.00
Relevance, mean	34.4	42.4	8.09****	36.3	40.3	-4.04**
Recommendation, mean	33.6	39.0	5.50****	34.4	38.0	-3.60
<b>ABSTRACT 4: CROSS-SECTIONAL TRIAL OF METHADONE TREATMENT IN DRUG ADDICTS</b>						
Strength, mean	39.5	39.5	0.10	38.9	40.1	-1.25
Relevance, mean	25.8	27.9	2.00	25.6	28.1	-2.45
Recommendation, mean	24.5	27.6	3.07**	26.1	26.0	0.04
<b>COMBINED RESULTS ACROSS ABSTRACTS</b>						
Strength, mean	47.3	49.4	1.35	48.4	48.7	-0.30
Relevance, mean	27.7	33.4	4.50****	30.4	31.8	-1.44
Recommendation, mean	27.9	32.1	3.05****	30.3	30.5	-0.28

# A Transformação na Publicação Científica

- Inteligência Artificial e o Futuro dos Autores
- Exploração dos impactos da IA na publicação científica, vantagens e desafios





# Desafios para Autores Não-Anglófonos

- A barreira linguística como obstáculo
- A falta de fluência em inglês limita oportunidades e leva a uma dependência de editores e tradutores



# Funções da IA na Escrita Científica

- Classificação das ferramentas de IA em ADM e GEN
- ADM (tradução, revisão) e GEN (análise crítica, geração de ideias)

# Função ADM da IA: Suporte Administrativo

- Facilitação de tarefas administrativas para autores
- Exemplos incluem tradução, revisão de texto, formatação e sugestão de revisores

# Função GEN da IA: Aspectos Controversos

- Funções generativas e suas preocupações éticas
- Impacto da geração de ideias e dados e o debate sobre IA como coautoria

# Melhoria na Preparação do Manuscrito com IA

- IA como suporte para autores jovens e inexperientes
- Facilitação na organização de ideias e preparação de manuscritos



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PERSPECTIVES

# The money behind academic publishing

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ARTICLE

*Martin Hagve About the author*

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REFERENCES

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COMMENTS ( 3 )

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**The academic publishing industry earns high profits and shapes how we undertake medical research. With the increasing demand for free access to articles, academic publishing is now changing, but is it changing for the better?**



houses: Elsevier, Black & Wiley, Taylor & Francis, Springer Nature and SAGE, which control more than 50 % of the market between them. Elsevier is the largest, with approximately 16 % of the total market and more than 3000 academic journals. As an industry, these publishing houses are unique in terms of their profitability, generating large net profits. Elsevier has a profit margin approaching 40 %, which is higher than that of companies such as Microsoft, Google and Coca Cola, and the curve is pointing upwards [\(4-6\)](#).

# Inclusão Global e Redução de Barreiras

- IA como ferramenta inclusiva para autores de diferentes origens
- Redução da barreira linguística e apoio à diversidade cultural na ciência

*A IA representa a mais democrática ferramenta para redução de iniquidades culturais e econômicas na redação técnico científica*