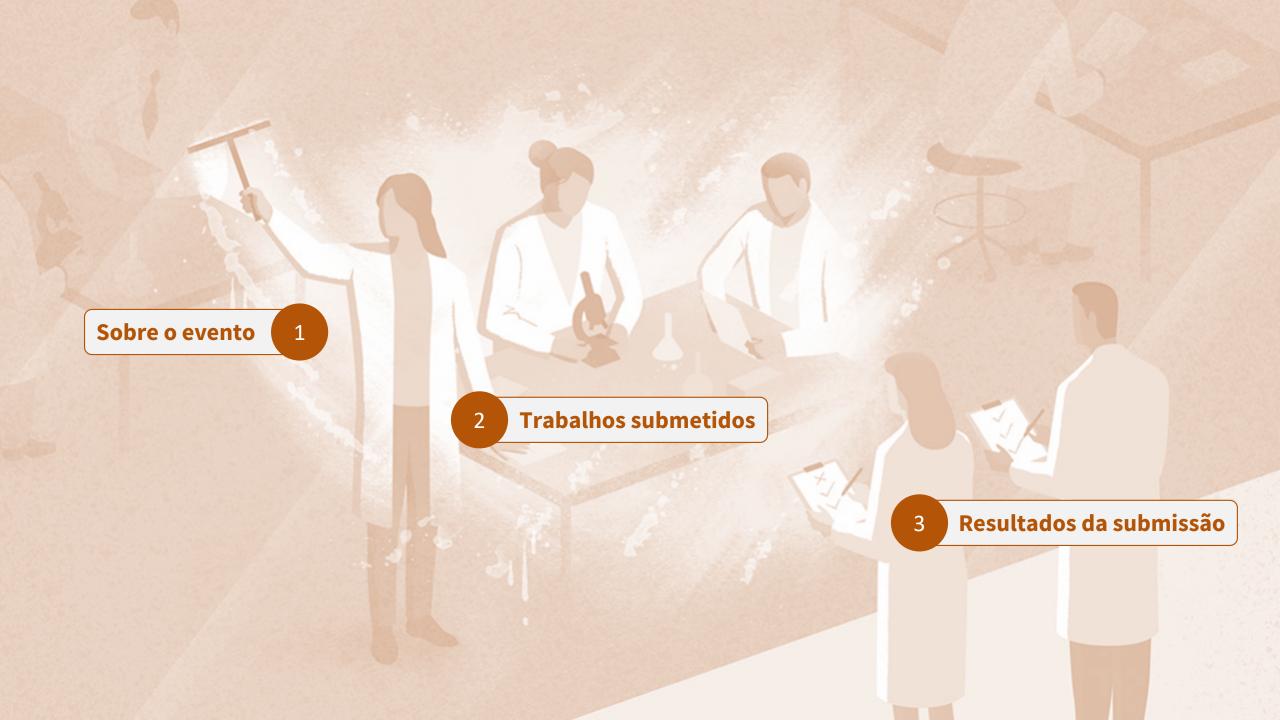


UNIVERSIDADE FEDERAL DE SANTA CATARINA CENTRO DE CIÊNCIAS DA SAÚDE PROGRAMA DE PÓS-GRADUAÇÃO EM NUTRIÇÃO



Participação de doutorando do PPGN no encontro científico "The promises and pitfalls of preregistration" The Royal Society – Londres, UK

4 e 5 de Março de 2024



Sobre o evento | Tema

- Encontro científico sobre o tema "pré-registro de estudos"
- Tema de tese de doutorado em desenvolvimento no PPGN
 - Investigação de soluções para a baixa adesão de pesquisadores de nutrição a práticas de transparência relacionadas a vieses de relato seletivo em ensaios controlados randomizados (2023 – presente)
- Tema de dissertação de mestrado defendida no PPGN
 - Práticas de transparência relacionadas a vieses de relato seletivo em ensaios controlados randomizados de intervenções de nutrição (2020-2023)

Sobre o evento | Organização

- O encontro será sediado pela The Royal Society (Londres, 1660)
- Organizadores são importantes pesquisadores na área de metapesquisa





Dr Tom Hardwicke, University of Melbourne, Australia



Professor Marcus Munafò, University of Bristol, UK



Dr Sophia Crüwell, University of Cambridge, UK



Professor Dorothy Bishop FRS FMedSci, University of Oxford,



Professor Eric-Jan Wagenmakers, University of Amsterdam, the Netherlands

Sobre o evento | Programação

• 2 dias de evento

4 de março de 2024

09:00-12:15	Session 1: Setting the scene	5 talks	~
12:15-13:15	Lunch		~
13:15-18:00	Session 2: Epistemic perspectives (i)	6 talks	~
	5 de março de 2024		
09:00-12:15	Session 3: Epistemic perspectives (ii)	5 talks	~
12:15-13:15	Lunch		~
13:15-17:00	Session 4: Future visions	5 talks	~

Sobre o evento | Programação

• Palestrantes destaques da programação



Dr Nicholas DeVito, University of Oxford, UK



Dr Evan Mayo-Wilson, University of North Carolina, USA



Professor Fiona Fidler, University of Melbourne, Australia



Professor Simine Vazire, University of Melbourne, Australia



Professor Chris Chambers, Cardiff University, UK



Professor Isabelle Boutron, Université Paris Cité, France



Dr Hilda Bastian, Independent, Australia



Professor Brian Nosek, Center for Open Science, USA

Sobre o evento | Programação

- Além de palestras e discussões o evento conta com:
 - Sessão de **pôsteres**
 - Sessão de "palestras relâmpago"
- Detalhes no site do evento:
 - https://royalsociety.org/science-events-andlectures/2024/03/preregistration/

Trabalhos submetidos

- 2 trabalhos submetidos
 - 1 referente aos **resultados** da dissertação de **Mestrado**
 - 1 referente ao **projeto** de tese de **Doutorado**

1) Title: Transparency practices informing assessments of selective reporting biases in randomized controlled trials of nutrition interventions

Abstract:

Objective: To investigate the adherence of randomized controlled trials (RCTs) of nutrition interventions to transparency practices informing assessments of selective reporting biases.

Method: We systematically searched for RCTs published from 1 July 2019 to 30 June 2020 and included a randomly selected sample of 400 studies. We located registry entries, protocols, and statistical analysis plans (SAPs) for all included studies. We extracted data to characterize the disclosure of sufficient information in the available materials, including the outcome domain, measure, metric, method of aggregation, time point, analysis population, method of handling missing data and method of adjustment.

Results: Most trials (69%) were registered, but in only 28% of trials registration was prospective. Protocols and SAPs were less often available (14% and 3%, respectively). Most registrations lacked specification in the definition of outcomes and intended treatment effects, with only 8% of the registrations containing a fully defined primary outcome and only one registration containing a fully defined treatment effect. Protocols and SAPs included more details, with 67% containing a fully defined primary outcome and 26% and 50% containing a fully defined treatment effect. Conclusion: RCTs of nutrition interventions published in our timeframe do not completely adhere to transparency practices, affecting their credibility.

Author list: Arthur T Mello, Pedro V Kammer, Giovanna M Nascimento, Luana P de Lima, Júlia Pessini, Aline Valmorbida, Matthew J Page, Erasmo B S M Trindade

2) Title: How to increase the adherence of nutrition researchers to transparency practices in randomized controlled trials?

Abstract:

Introduction: Following up on our findings that nutrition researchers do not fully adhere to transparency practices in randomized controlled trials (RCTs), we intend to investigate possible solutions to this problem. To achieve this goal, we aim to identify facilitators and barriers for the complete registration and availability of protocols and statistical analysis plans.

Method: Our study will include four stages. (1) We will conduct a thematic analysis of the scholarly literature to identify possible facilitators and barriers. (2) We will quantitatively survey corresponding authors of nutrition RCTs from an existing randomly selected sample to assess their familiarity with concepts related to the full definition of outcomes and intended treatment effects, as well as their willingness to include those definitions in registrations, protocols, and statistical analysis plans. (3) We will invite surveyed researchers to participate in qualitative semi-structured interviews to understand their perceptions on facilitators and barriers. (4) We will integrate the evidence obtained in previous stages with existing behavioral change theories, using the behavior change wheel framework to propose possible solutions to the problem. Expected results: We expect this project to provide evidence to support future development and testing of interventions to promote research integrity in RCTs of nutrition interventions.

Author list: Arthur T Mello, Erasmo B S M Trindade

Resultados da submissão

- 2 trabalhos aceitos
 - 2 apresentações de **pôster**
 - 1 apresentação oral (a definir)
 - 4 de Março de 2024; 13:15 13:45
 - Duração de 4 minutos + sessão de perguntas e respostas

Resultados da submissão

Resultados esperados

- Contribuição dos pares em etapa inicial do projeto de tese de doutorado
- Representação do PPGN no cenário internacional de pesquisas em metapesquisa, em especial na metapesquisa em nutrição
- Internacionalização do programa
 - Possíveis parcerias para projetos futuros e em andamento
 - Possíveis colaborações em atividades de ensino
 - Possíveis oportunidades para doutorado sanduíche



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