

# Seminário de Inferência Causal em Epidemiologia - EPI5715

2º SEMESTRE DE 2020

Docente Responsável: Prof. Fredi Diaz Quijano

Horário: Quartas-feiras das 13h45 – 16h45.

Sala de aula (virtual): <https://meet.google.com/mou-hypi-vjp>

## OBJETIVOS:

Revisar conceitos contemporâneos sobre métodos de inferência causal em epidemiologia.

Data	Tema de seminário e bibliografia básica	Responsável
02/set	Apresentação - Conceitos gerais – Diagramas causais	Fredi
09/set	Tipos de causa <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7266546/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7266546/</a>	Andrea
16/set	Definição contra-factual de confusão <a href="https://www.sciencedirect.com/science/article/pii/S0895435619301738">https://www.sciencedirect.com/science/article/pii/S0895435619301738</a>	Camila
23/set	Diagramas causais para melhorar o desenho e interpretação da pesquisa médica <a href="https://journal.chestnet.org/article/S0012-3692(20)30460-8/fulltext">https://journal.chestnet.org/article/S0012-3692(20)30460-8/fulltext</a>	Carla
30/set	Influência do viés de seleção sobre as associações observadas <a href="https://pubmed.ncbi.nlm.nih.gov/29040562/">https://pubmed.ncbi.nlm.nih.gov/29040562/</a>	Gabriela
07/out	Proporção de dados faltantes e decisão de imputar <a href="https://www.ijlinepi.com/article/S0895-4356(18)30871-0/pdf">https://www.ijlinepi.com/article/S0895-4356(18)30871-0/pdf</a>	Fernando
14/out	Efeito do erro na medição sobre a medida de associação. <a href="https://pubmed.ncbi.nlm.nih.gov/9930084/">https://pubmed.ncbi.nlm.nih.gov/9930084/</a>	Roseanne
21/out	Seleção e forma funcional de variáveis em análise múltipla <a href="https://insights.ovid.com/pubmed?pmid=9209859">https://insights.ovid.com/pubmed?pmid=9209859</a>	José Mario
28/out	Number Needed to Treat – <a href="https://pubmed.ncbi.nlm.nih.gov/30730545/">https://pubmed.ncbi.nlm.nih.gov/30730545/</a> <a href="https://academic.oup.com/ije/article/49/2/359/5712984">https://academic.oup.com/ije/article/49/2/359/5712984</a> <a href="https://journals.lww.com/epidem/Fulltext/2019/11001/Number_of_Whom_Needed_to_Treat_with_What_.8.aspx">https://journals.lww.com/epidem/Fulltext/2019/11001/Number_of_Whom_Needed_to_Treat_with_What_.8.aspx</a>	Tatiane

04/nov	Preparação independente de seminários	
11/nov	<p>“Taken by surprise”</p> <ul style="list-style-type: none"> <li>• <a href="https://academic.oup.com/aje/article/doi/10.1093/aje/kwaa136/5869593">https://academic.oup.com/aje/article/doi/10.1093/aje/kwaa136/5869593</a></li> <li>• <a href="https://academic.oup.com/aje/article/doi/10.1093/aje/kwaa137/5869592">https://academic.oup.com/aje/article/doi/10.1093/aje/kwaa137/5869592</a></li> <li>• <a href="https://lesslikely.com/statistics/values/#:~:text=Unlike%20the%20P%2Dvalue%2C%20the,opposite%20for%20the%20P%2Dvalue">https://lesslikely.com/statistics/values/#:~:text=Unlike%20the%20P%2Dvalue%2C%20the,opposite%20for%20the%20P%2Dvalue</a></li> </ul>	Rafael
	<p>Improving our statistical inferences requires meta-research</p> <ul style="list-style-type: none"> <li>• <a href="https://academic.oup.com/ije/article/49/3/894/5835353">https://academic.oup.com/ije/article/49/3/894/5835353</a></li> <li>• <a href="https://academic.oup.com/ije/article/49/3/885/5640477">https://academic.oup.com/ije/article/49/3/885/5640477</a></li> </ul>	Tatiane
18/nov	<p>“Incomparability of Treatment Groups in Randomised Controlled Trials”</p> <ul style="list-style-type: none"> <li>• <a href="https://www.jclinepi.com/article/S0895-4356(20)31151-3/fulltext">https://www.jclinepi.com/article/S0895-4356(20)31151-3/fulltext</a></li> <li>• <a href="https://statsepi.substack.com/p/out-of-balance">https://statsepi.substack.com/p/out-of-balance</a></li> </ul>	Camila
	<p>Seven myths of randomisation in clinical trials. <a href="https://onlinelibrary.wiley.com/doi/full/10.1002/sim.5713">https://onlinelibrary.wiley.com/doi/full/10.1002/sim.5713</a></p>	Carla
25/nov	<p>Score de propensão <a href="https://doi.org/10.1016/j.cjca.2015.05.015">https://doi.org/10.1016/j.cjca.2015.05.015</a></p>	Roseanne
	<p>Valor “E” para avaliar efeito de confusão não medida.</p> <ul style="list-style-type: none"> <li>• <a href="https://hrr.w.uib.no/files/2019/01/VanderWeeleDing_2017_e_value.pdf">https://hrr.w.uib.no/files/2019/01/VanderWeeleDing_2017_e_value.pdf</a></li> <li>• <a href="https://jamanetwork.com/journals/jama/fullarticle/2723079">https://jamanetwork.com/journals/jama/fullarticle/2723079</a></li> </ul>	Gabriela
02/dez	Estudos epidemiológicos aplicados a COVID-19	<b>Convidados</b>
09/dez	<p>Marginal structural models <a href="https://pubmed.ncbi.nlm.nih.gov/28201767/">https://pubmed.ncbi.nlm.nih.gov/28201767/</a></p>	Fernando
	<p>Análise de Mediação. <a href="https://academic.oup.com/ije/article/42/5/1511/619987">https://academic.oup.com/ije/article/42/5/1511/619987</a></p>	Rafael