

Belief in fake news. Echo chambers and digital citizenship Effects identifying fake news

Evidence from Chile

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¿Can we identify fake or real news if are related to our opinion?



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[Poner fotos de los procesos políticos que se han ocurrido en Chile y la batalla por la información que la apareja]

How does membership in echo chambers and digital citizenship affect our scores distinguishing fake news from real news?



¿What do we know about the relationship between echo chambers and misinformation?

- **Information bias:** endemic consumption of information that is politically similar to one's own thinking and the distancing, rejection or impossibility of consuming information of different political thinking.
- **Spread of disinformation:** those who belong to echo chambers spread information faster, generate rumors and reach audiences that do not directly exceed those rumors.

Hypothesis

1) There will be less accuracy in rating fake and real news when it comes to rating political opposite's view news headlines over like-minded news headlines or control group.

1.a) Those who have a high level of echo chamber membership will not exhibit greater differences in the headline hit rate between like-minded and contrarian thinking, compared to the control group.

1.b) Those with higher levels of digital citizenship will have greater accuracy in rating false and true headlines in all conditions

Methods

Sample

Randomization

Experimental survey

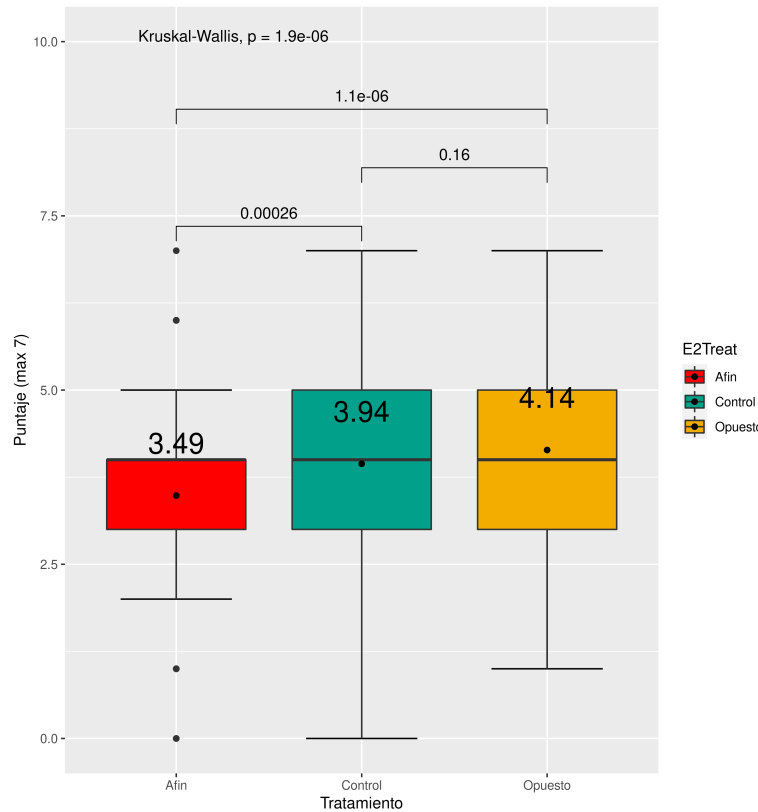
- 690 participant in a survey experiment from CESS Santiago de Chile's poll.
- Block randomization with Eco Chamber membership and levels of digital citizenship (both binaries: 1 = Hight Eco Chamber membership; 1 = High Digital Citizenship levels)
- We showed to participants 7 different news headlines, and asked them to rate them as true or false. We have three experimental conditions
- We also ask about gender, income, education and age range

Results

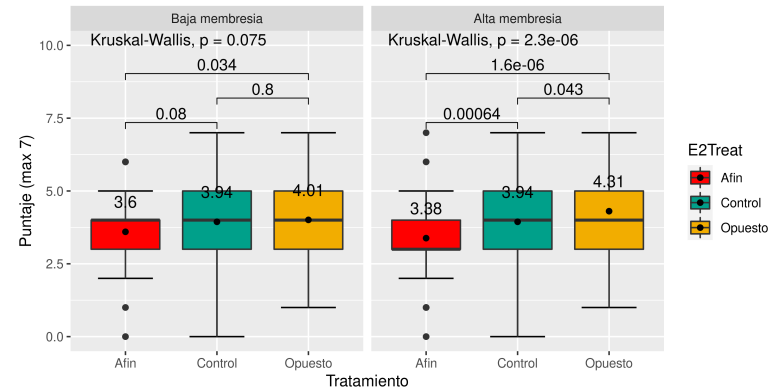


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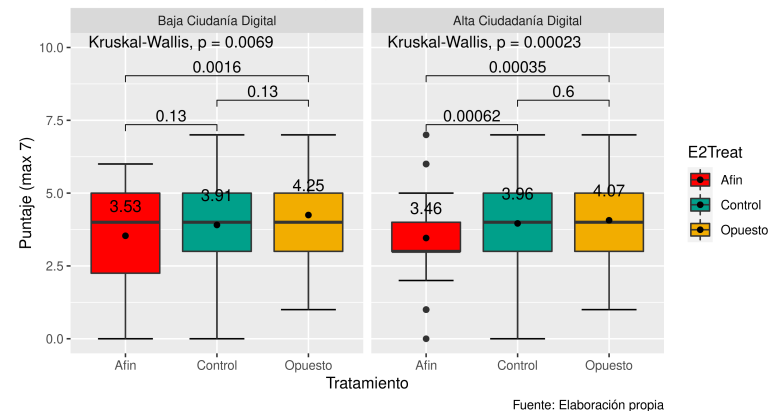
Experimento N°2: Puntajes de de acertividad ante titulares de noticias falsos o verdaderos



Según nivel de membresía a cámaras de eco



Según nivel de Ciudadanía Digital



	Model 1	Model 2	Model 3
(Intercept)	3.942***	3.932***	3.975***
	(0.089)	(0.105)	(0.119)
E2Treat_Afin	-0.456***	-0.456***	-0.457***
	(0.124)	(0.124)	(0.124)
E2Treat_Opuesto	0.197	0.199	0.196
	(0.126)	(0.127)	(0.127)
HomolIndex		0.019	0.045
		(0.102)	(0.108)
DigitIndex			-0.085
			(0.112)
Num.Obs.	690	690	690
AIC	2362.6	2364.5	2365.9
BIC	2380.7	2387.2	2392.2

Discussion

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- Motivated skepticism (Taber & Lodge, 2006)

¡Thank You!

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El chakra viene de remark.js, **knitr**, y R Markdown.