

# Funding in research articles published in Revista Médica de Chile between 2017-2021: The source of funding is associated with the disclosed COI

**Background:** Around 2.2% of the worldwide gross domestic product is spent in research and development programs, whereas in Chile it is only 0.3%. We aim to assess the sources of funding of Chilean medical research and its association with the conflict of interest disclosed.

## Methods

Scoping Review

Multiple logistic regression

Articles published in Revista Médica de Chile between 2017-2021

Clinical and preclinical studies

Medical Field

Funding source

Study design

COI

Data extraction

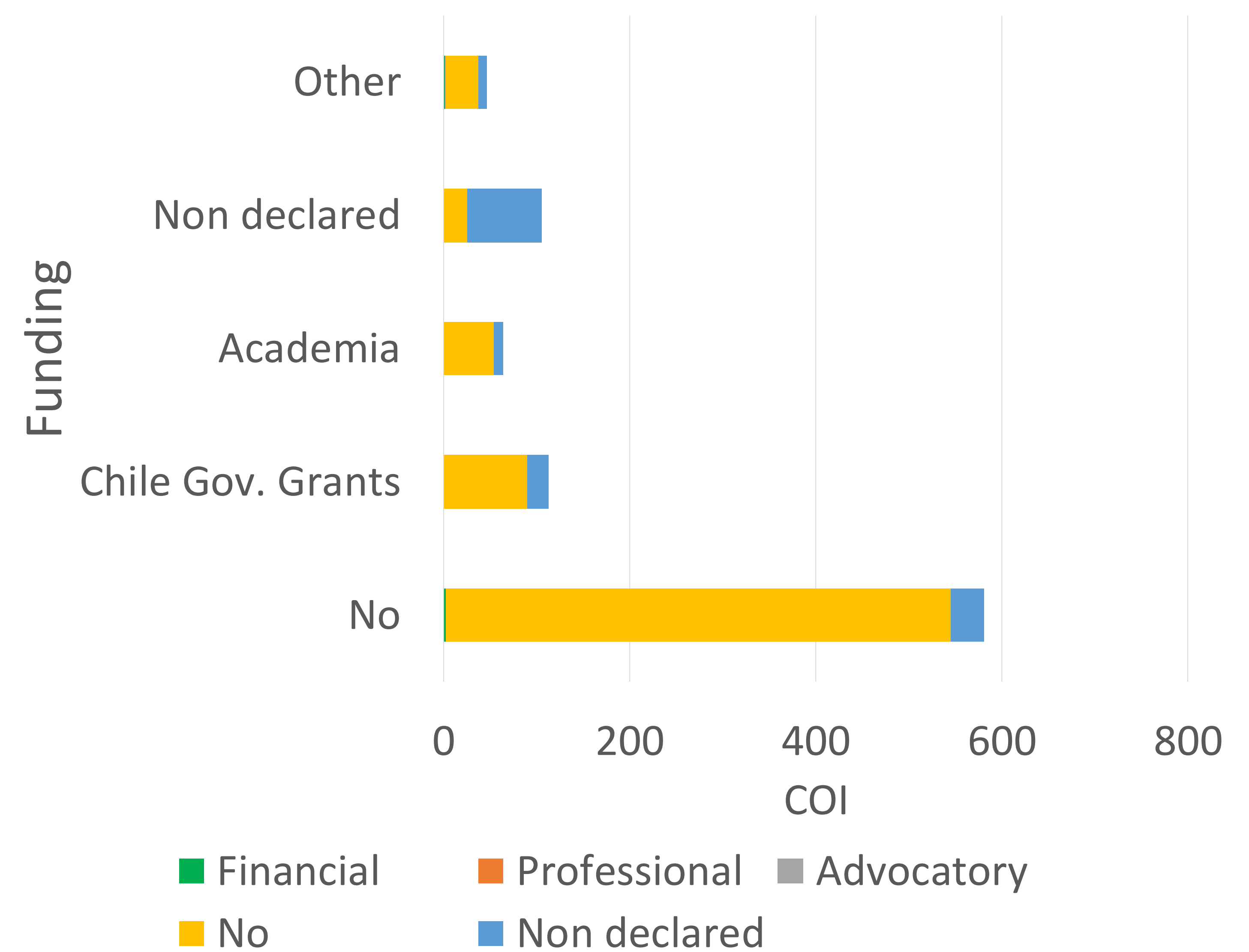
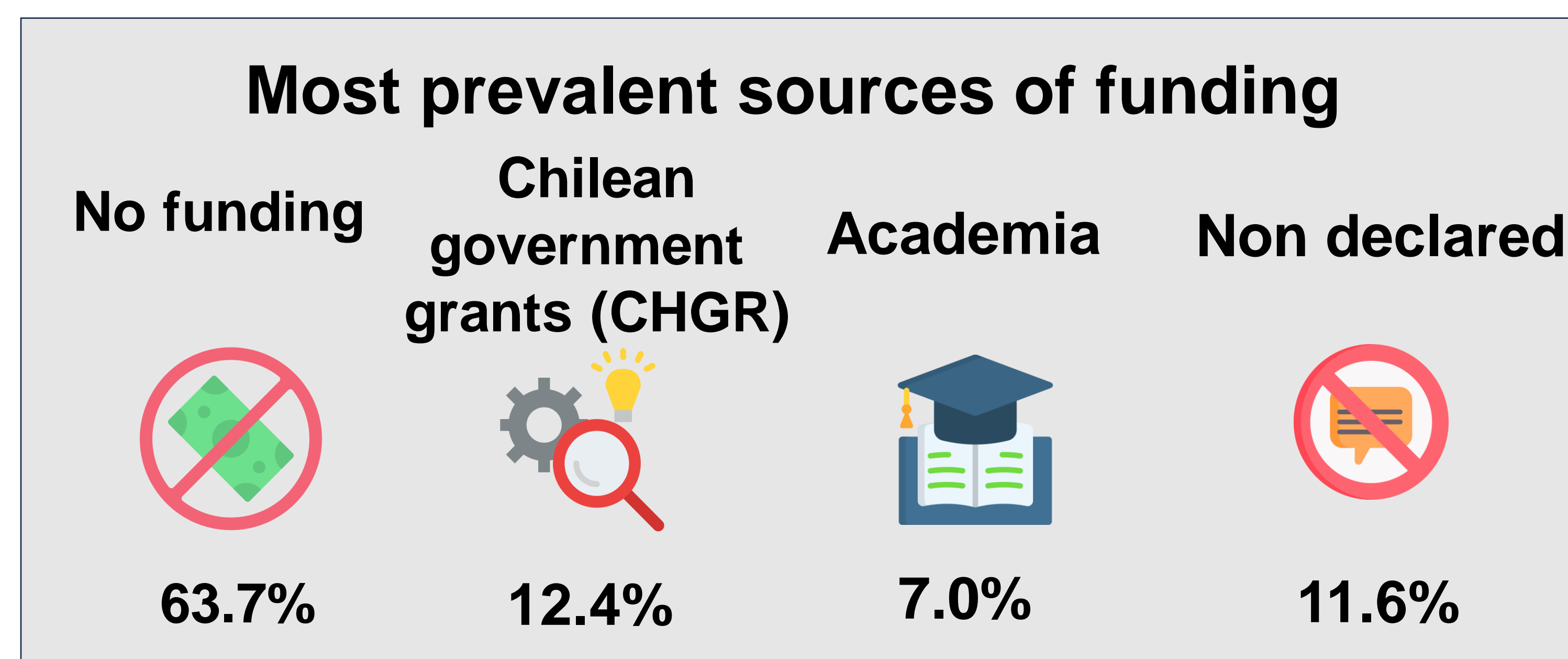
## Results

Screening  
N=1056

Elegibility  
N=1004

Included  
N=896

Figure 1: Distribution of COI among sources of funding



The most prevalent type of study were mainly not funded and COI free

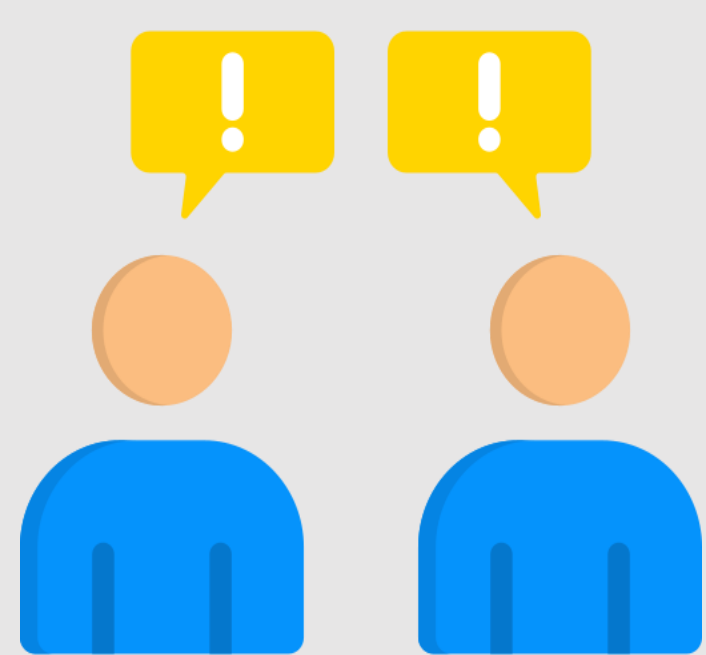
Cross-sectional (27.7%)

Case report (19.5%)

Narrative review (19.4%)

### Prevalence of COI

81.9% of the publications did not have a COI



17.2% of the publications did not disclose if they had a COI

Less than 1% of the articles had a COI



**Financial**  
0.5%

### Funding and COI among most prevalent specialty

**Public Health 15.2%**  
44% not funded  
72.0% No COI

**Neurology 8.0%**  
73.9% not funded  
91.5% No COI

**Mental Health 7.0%**  
45.4% fund by Chilean government grants  
89.2% No COI

## Conclusions

Source of funding is associated to disclosed COI when funding comes from Chilean government grants, private hospital, a foreign government, or when funding was not declared.

In the articles that do not declare their source of funding there is a higher proportion of nondeclared COI. Articles funded by Chilean government grants, private hospitals and foreign governments have a higher proportion disclosed to have no COI.

**Limitation:** Source of funding and COI were extracted according to the "author's definition".



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