

SIVOCS | Preliminary Results of the Survey Analysis

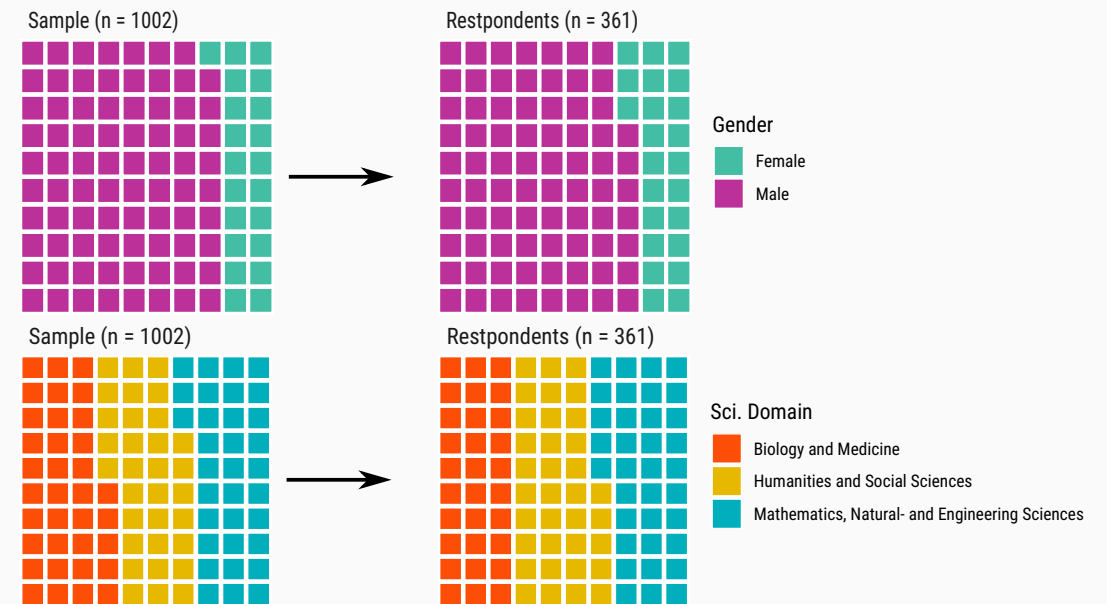
Respondents

Table with respondent metadata

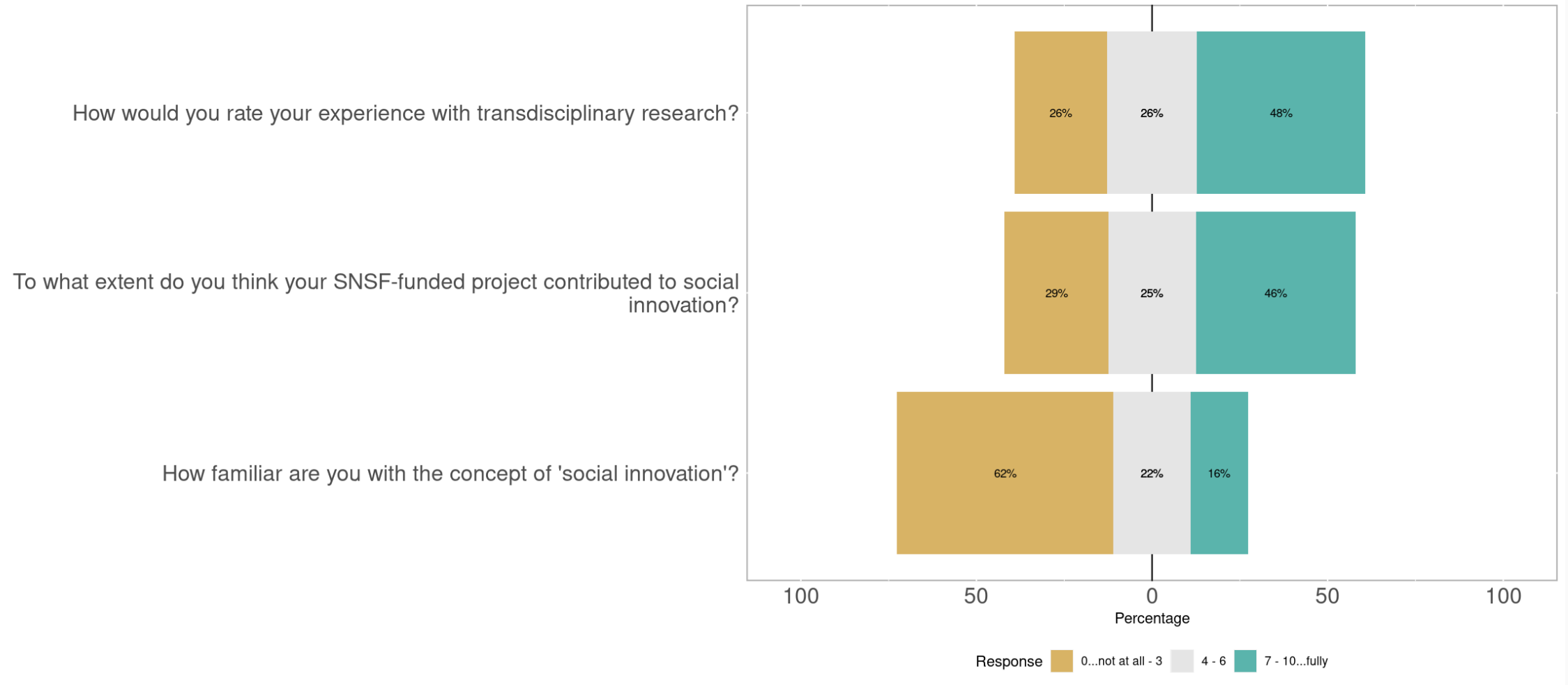
Sample Bias

Category	Sample (n=1002)	Respondents (n=361)
Gender		
Male	79.0%	77.0%
Female	21.0%	23.0%
Scientific Domains		
Biology and Medicine	35.0%	30.0%
Humanities and Social Sciences	32.0%	35.0%
Math., Natur. and Eng. Sci.	33.0%	35.0%

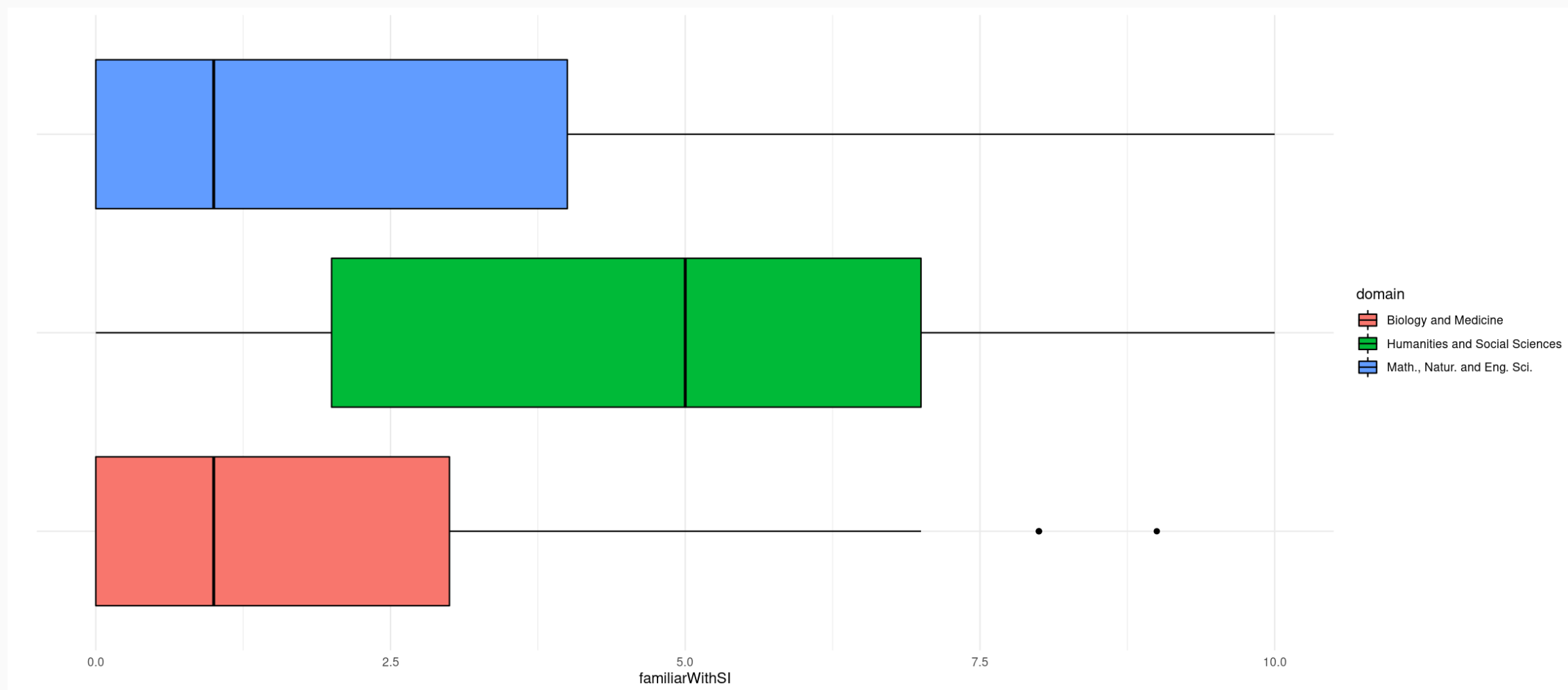
- Slight bias toward female participants
- Slight bias toward SSH and Natural Sciences



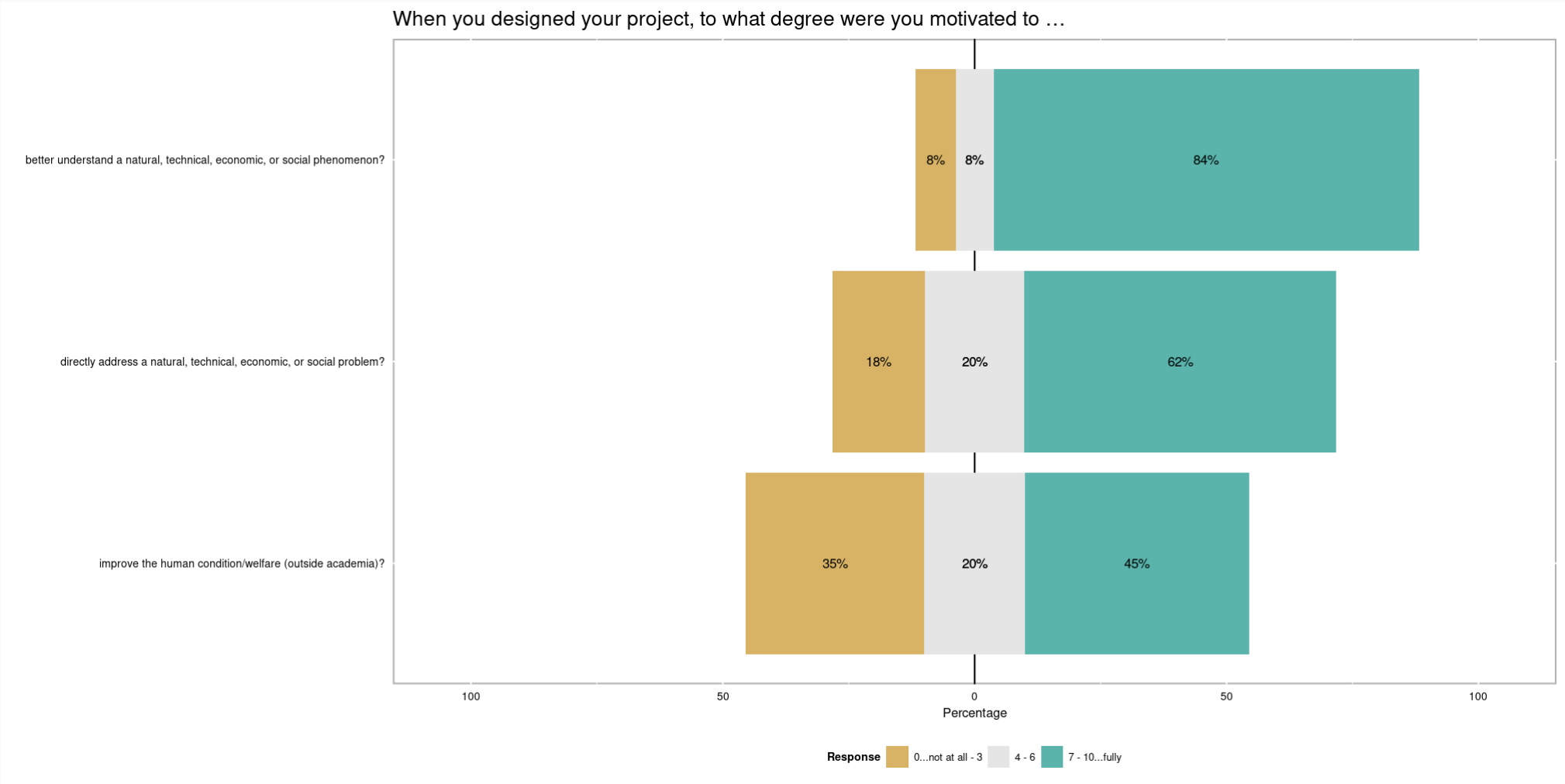
Familiarity with SI and Transdisciplinarity



Distribution of familiarity with SI among sci. domains



Motivation Types

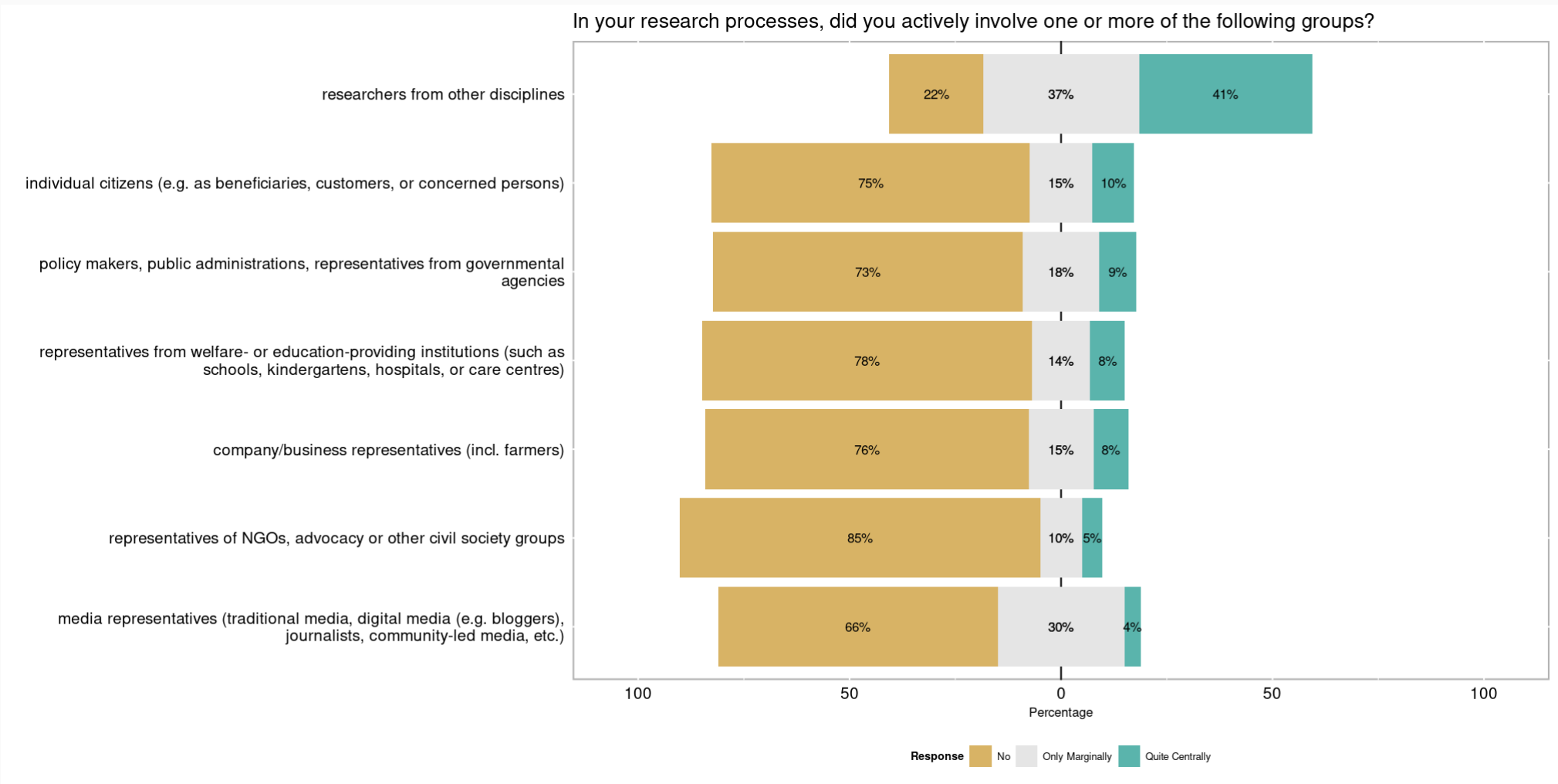


Intention & Agency

Have you deliberately designed your project so that it might generate an immediate and intended benefit for the general population or a specific non-academic target group (e.g. specific social, policy, or business actors)?

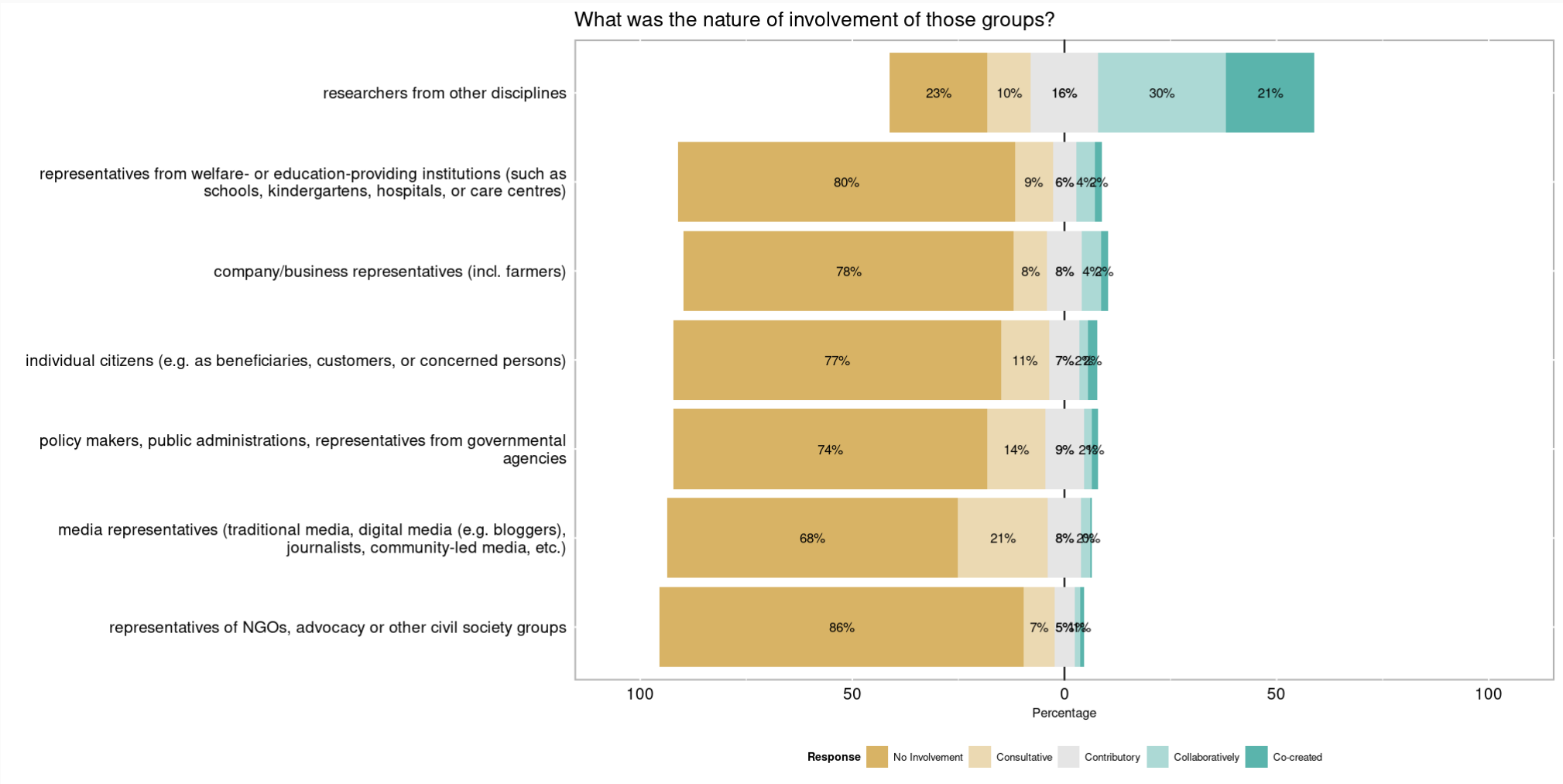
Was there an impulse from the non-academic world that motivated you to start the project, namely ...

Transdisciplinary Aspects: Inter-/Transdisciplinary Involvement



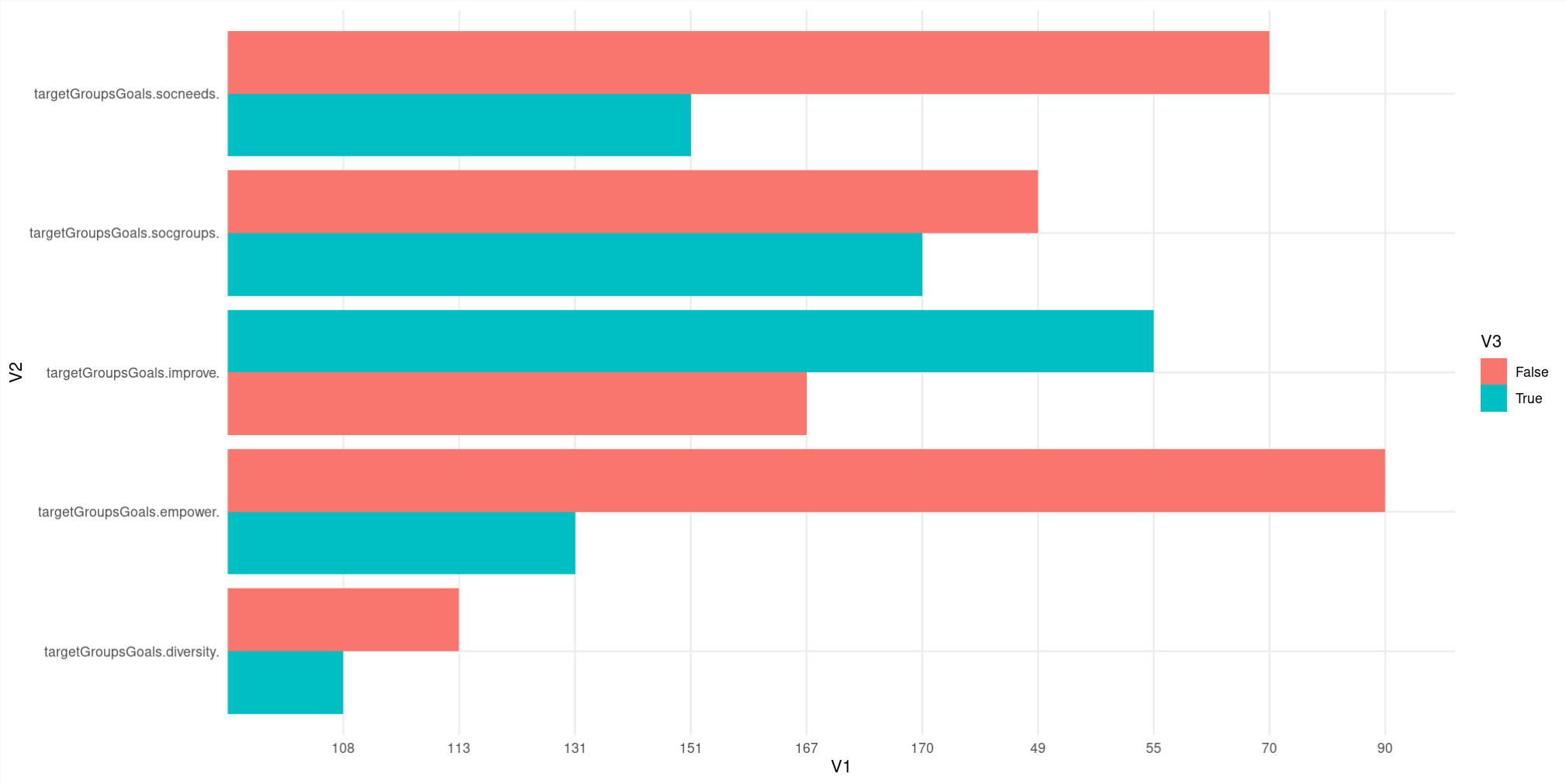
```
#save_plot("trans_likert.svg", trans_likert , width = 22, height = 20) + font_size(axis_title.x = 40)
```


Transdisciplinary Aspects: Nature of Involvement

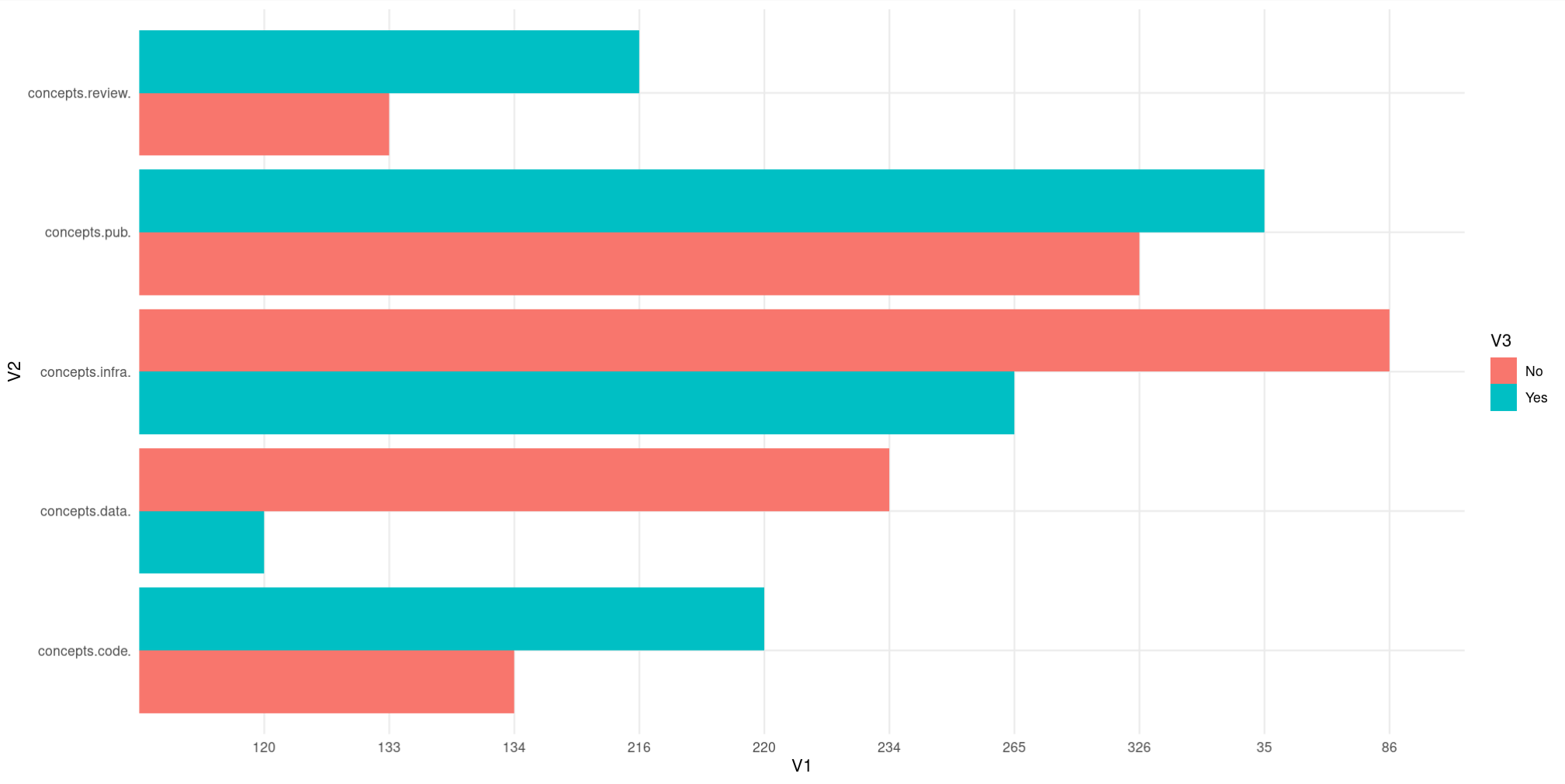


Transdisciplinary Aspects: Target Group Goals

Please indicate whether the following statements fit your project: Your project has...



Regulatory Framework: Open Science/Data Concepts

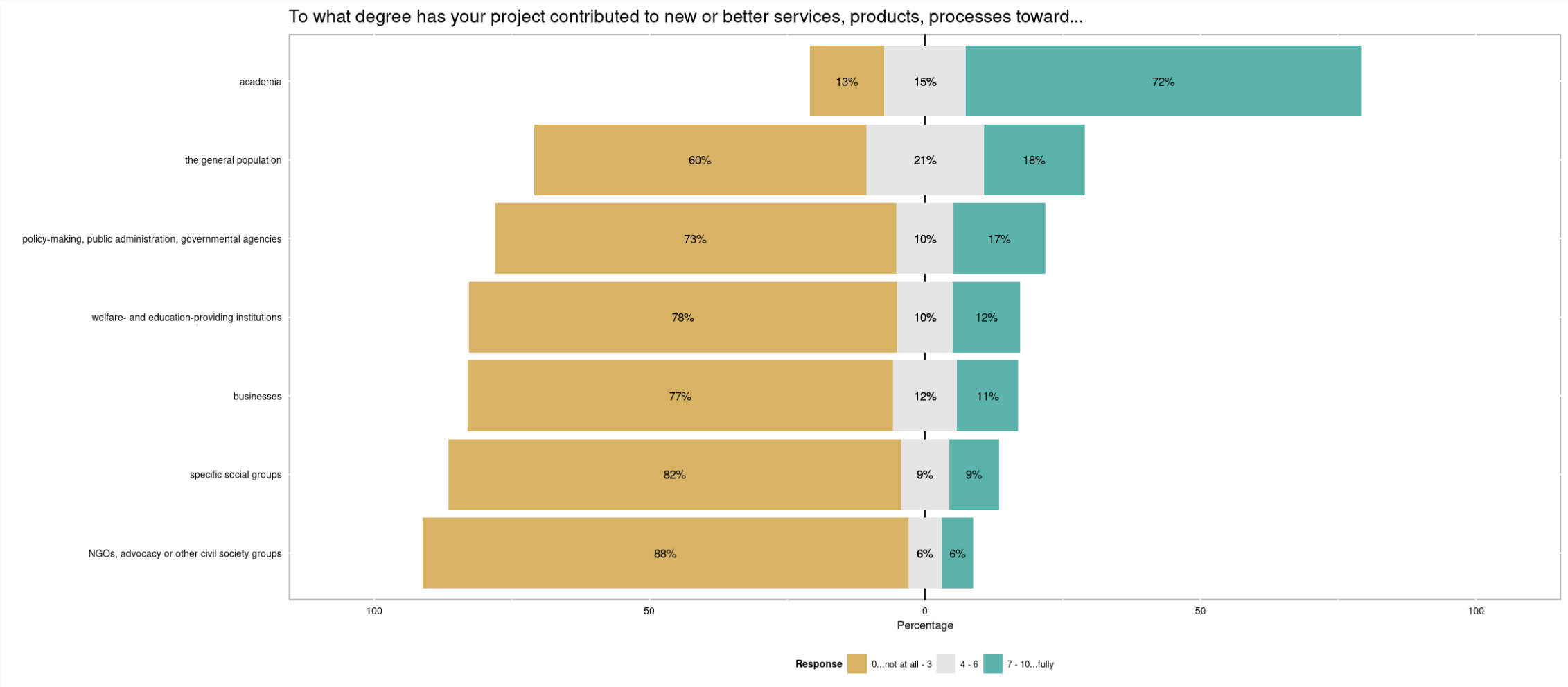


Regulatory Framework: Gender Dimension & Support for Policy-Making

Did your project consider the sex or gender dimension explicitly in your research?

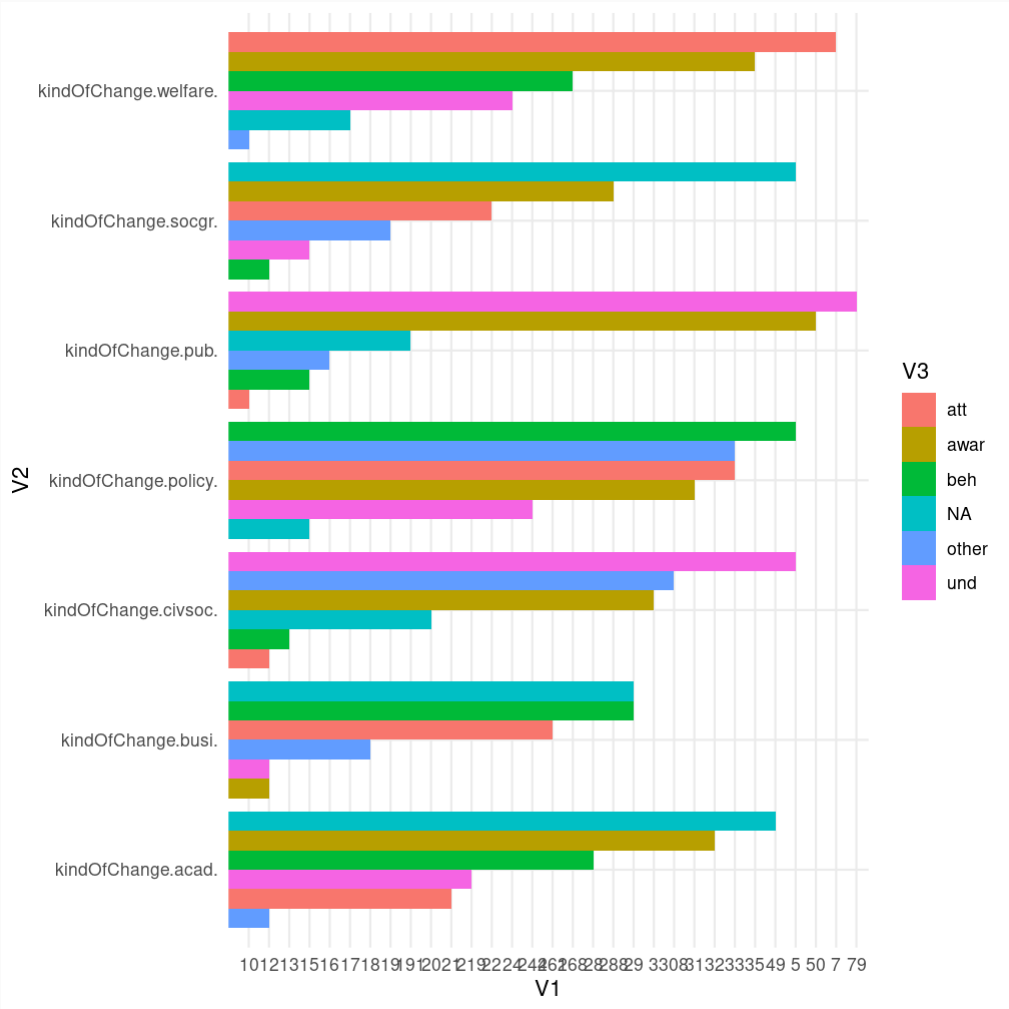
Did your project aim at supporting evidence-based decision-making of policy-makers?

Outcome-orientation: Impact Target Group



Outcome-orientation: Outcome Intention

What kind of change (short- or long-term) did your project intend to bring about in the following target groups or in the general population?

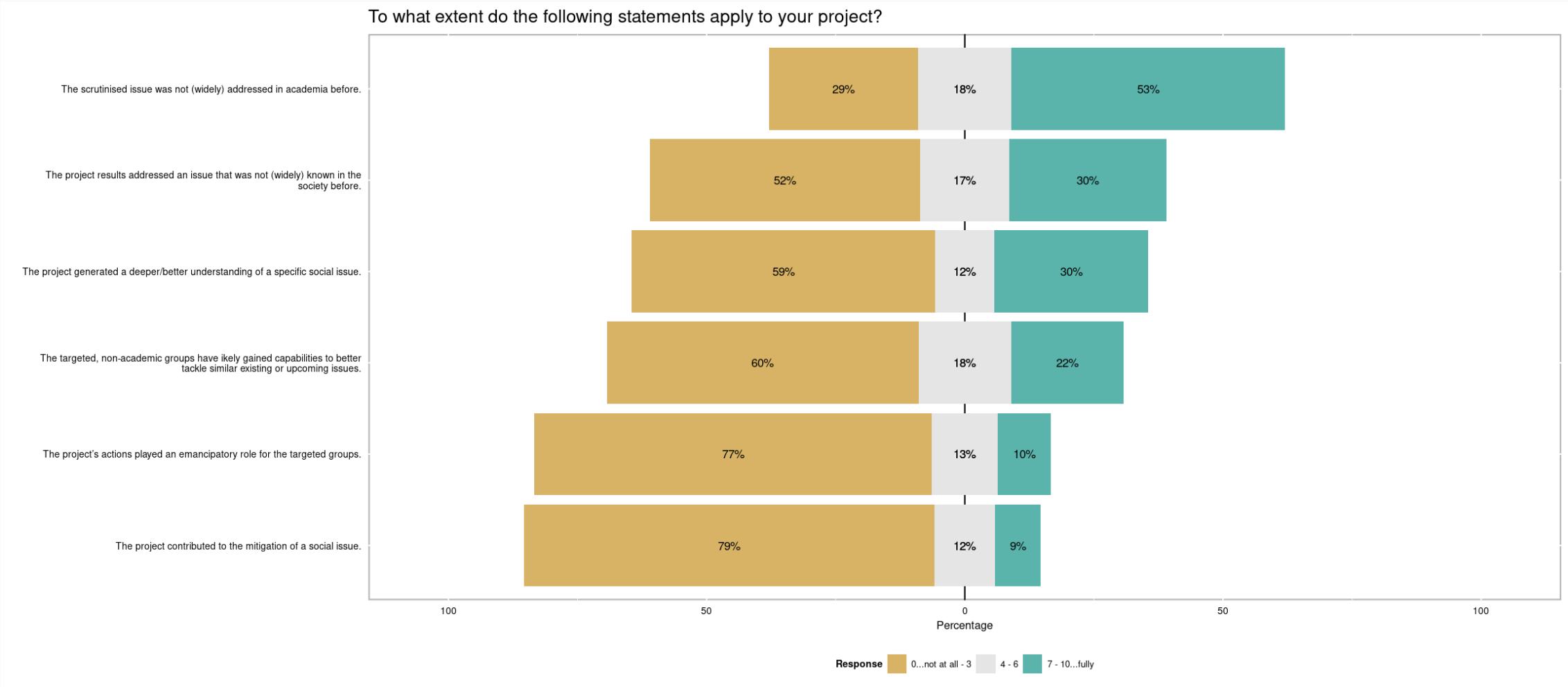


Outcome-orientation: Uptake

From your perspective, to what extent were project results taken up by policy-making and/or public administration and/or governmental agencies?

In what way were those results taken up by policy-making and/or public administration and/or governmental agencies?

Outcome-orientation: Impact Statements

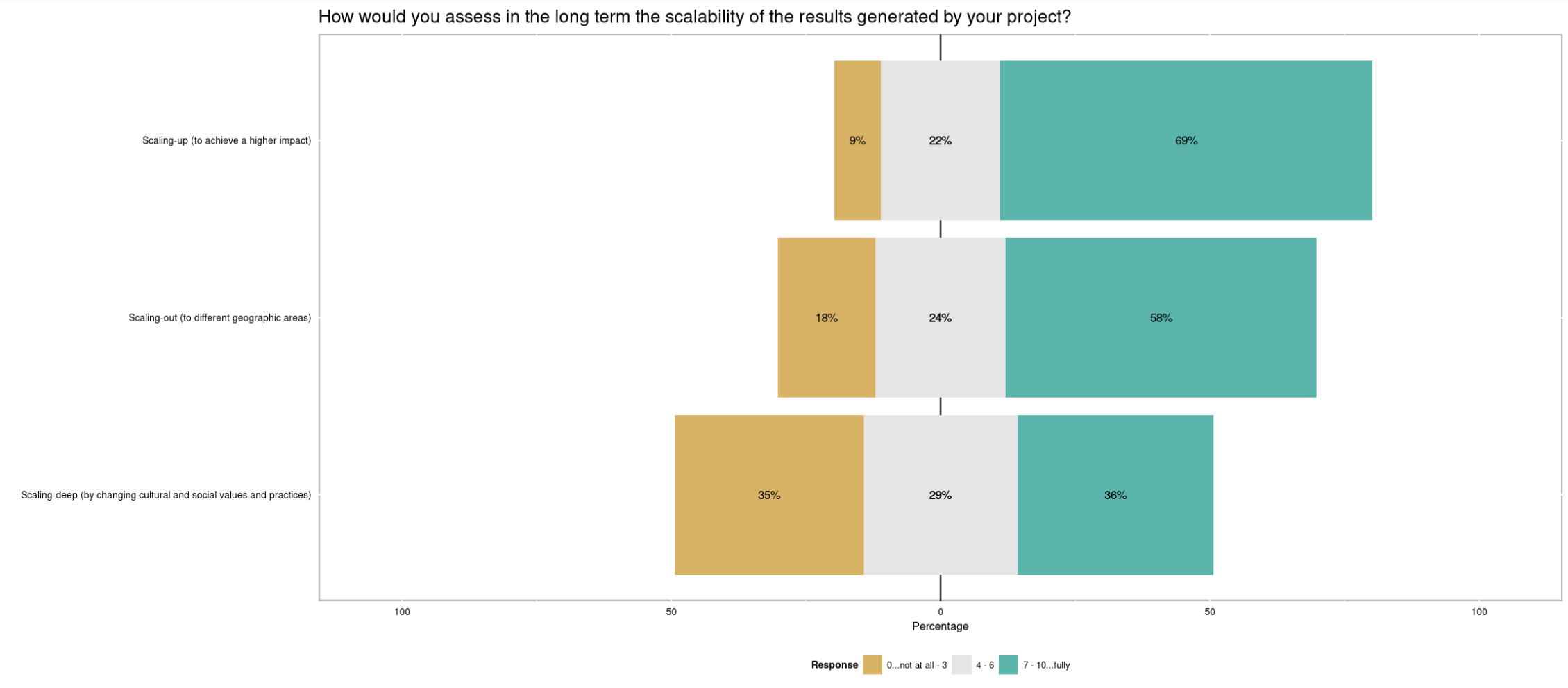


Dissemination and Exploitation: Dissemination Channels

```
h1.freq_df ← as.data.frame(colSums(h1.df[,1:(ncol(h1.df)-1)]))

g ← ggplot(h1.freq_df, aes(x=rownames(h1.freq_df), y=colSums(h1.df[, 1:(ncol(h1.df) - 1)])))
# Number of cars in each class:
g + geom_col() + coord_flip()
```

Dissemination and Exploitation: Scalability



Correlation Matrix, Impact Assessment vs. Motivation

mot.: When you designed your project, to what degree were you motivated to...

impactGr.: To what degree has your project directly contributed to new or better services, products, processes, or ways of doing things that were targeted towards ...

Familiarity with SI and Transdisciplinarity vs Impact Assessment, Correlation Matrix

involv. In your research processes, did you actively involve one or more of the following groups(*)?

policy.uptake: From your perspective, to what extent were project results taken up by policy-making and/or public administration and/or governmental agencies?

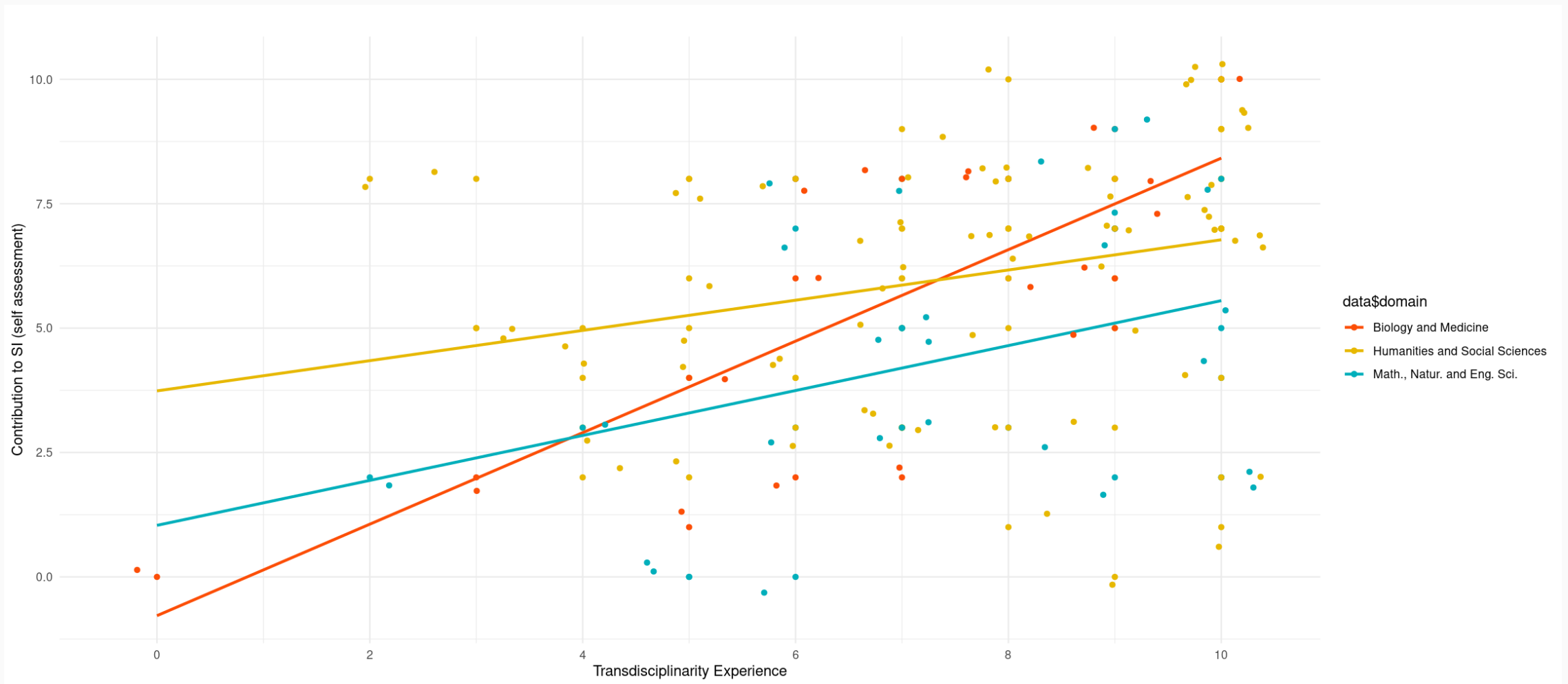
scalability: How would you assess in the long term the scalability of the results generated by your project?

Motivation Types vs Trans-, Interdisciplinary Involvement, Correlation Matrix

involv.: In your research processes, did you actively involve one or more of the following groups(*)?

mot.: When you designed your project, to what degree were you motivated to...

Transdisciplinary Experience vs. Contribution to SI by Scientific Domains



Scaleability vs. Transdisciplinarity by Scientific Domains

