# Faith in Reason: developing a survey measure of belief in the rationality of others

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abstract goes here

#### Introduction

### Method

Rmarkdown also lets us track figure labels, and updates them automatically. Look! Kittens! Illustrated in Figure ??. And if I add other figures it will sort out the numbering and references automatically

#### Results

Now let's integrate some R code to generate/import some data, run and analyse and integrate it into the document:

You can't see it in the PDF, but in between this paragraph and the last we asked R to generate some random data and save it to a CSV file. Now we're going to import the data from

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Document prepared with RMarkdown (Allaire et al., 2020) and papaja (Aust & Barth, 2020). CRediT (Contributor Roles Taxonomy) autogenerated using Tenzing (Holcombe, Kovacs, Aust, & Aczel, 2020). Template is available here github.com/tomstafford/rmarkdown\_apa

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the CSV file, as if it was independently created data - from an experiment or similar - and plot a graph.

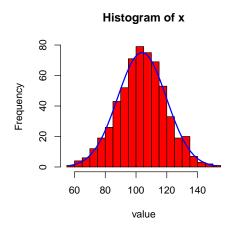


Figure 1. Histogram of all data, grouped

See Figure 1. Of course we could draw all sorts of things, but this is a proof-of-concept. Finally, let's run a t-test and integrate the results into the text.

We found there was a statistically significant difference between the two groups (t=-6.00 (588.26), p = 0.00). Note how the exact values in the previous sentence change every time we re-make the document (because the document also regenerates the underlying data).

The above paragraph does the integration of statistics long-form, because I didn't know a better way (and because I think it is still useful to show). apa\_print() exists as a helper function: http://frederikaust.com/papaja\_man/reporting.html.

Also, everyone loves tables. See Table 1. I feel obliged to mention that the actual items reported in this table **do not** correctly reflect the actual subscales for the ASRS short and long scales. Note illustration of **bold** and *italics* formatting in this para.

Table 1 *Item grouping to subscales* 

	Hyperactivity	Inattention
ASRS-18	5,6,12,13,14	1,2,3,4,7,8
ASRS-6	5,6	1,2,3,4

*Note.* This table was created with apa\_table().

## Discussion

#### References

- Allaire, J., Xie, Y., McPherson, J., Luraschi, J., Ushey, K., Atkins, A., ... Iannone, R. (2020). *Rmarkdown: Dynamic documents for r.* Retrieved from https://github.com/rstudio/rmarkdown
- Aust, F., & Barth, M. (2020). papaja: Create APA manuscripts with R Markdown. Retrieved from https://github.com/crsh/papaja
- Holcombe, A. O., Kovacs, M., Aust, F., & Aczel, B. (2020). Documenting contributions to scholarly articles using CRediT and tenzing. *PLoS One*, *15*(12), e0244611.