

Writing Up Multilevel Results

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Contents

Background	1
A Table Template	1

Background

I'm sometimes asked about how to format a table of results from a multilevel model. As with many statistical matters, while I certainly think that there are *correct* and *incorrect* conclusions that we can draw from statistical evidence, I'm often less interested in identifying approaches as 100% right, or 100% wrong. I'm more interested in: "What is a principled approach?"

So it is with creating tables. What is a *principled* approach? What basic table format offers the essential statistical information in a *principled* way? Hence the table template below.

I think the template is always a very good starting place for submitting your work. Of course, particular journals, or particular conferences, may ask you to present your results in a different format, but the below always seems to me to be a good place to start.

A Table Template

Variable ¹	β	t	p	Confidence Interval
AAA	1.23	1.11	.15	[-.01, 1.45]
BBB	-3.21	2.01	.04	[-4.56, -1.23]
CCC	2.34	3.21	.01	[1.23, 4.56]
Random Effects	variance			
var(intercept)	.012			[.011, .051]
var(error)	.456			[.123, .456]

¹Of course these are just pretend variable labels, and you would include real illustrative variable labels instead.