

# Writing Up Multilevel Results

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## 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 <sup>1</sup>	$\beta$	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( $u_0$ )	.012			[.011, .051]
var( $e_i$ )	.456			[.123, .456]

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