

# Using R Markdown for Word Documents:

## A Brief Reference and Example

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## Abstract

This document reviews how to create a word document in APA format using R Markdown. The word document, “APA\_Format.docx,” must be read in as a template using the option `reference_docx: APA_Format.docx` within the YAML option: `output: word_document:` at the beginning of the R Markdown file.

*Key Words:* R, Word, Reproducible research, #RisAwesome!

Using R Markdown for Word Documents: A Brief Reference and Example

The introduction does not have a header, but the title is repeated. Pellentesque placerat lorem lobortis tellus cursus, id pharetra nulla tincidunt. Mauris pretium venenatis libero ut scelerisque.

Introduce the Problem. Nullam leo urna, luctus ac ullamcorper ac, laoreet at nulla. Curabitur fringilla quam vitae semper porttitor.

Explore importance of the problem. Duis erat sapien, placerat a fringilla vitae, congue porttitor urna. Praesent massa arcu, interdum posuere dapibus quis, malesuada a urna.

Describe relevant scholarship. Suspendisse quis lobortis lectus. Nullam ac sem dui. Morbi fermentum euismod tellus vitae maximus.

State hypotheses and their correspondence to research design. Cras id nibh dignissim, eleifend ligula eu, convallis magna. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas.

## Method

### Participant (Subject) Characteristics

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## Sampling Procedures

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## Sample Size, Power, and Precision

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**Power Calculations.** Power was estimated for each study.

*Study 1.* Study 1 consisted of two parts: Pre-intervention and Post-intervention.

*Study 1: Pre-Intervention.* Power was estimated using G\*Power software using a tristique tortor finibus id.

## Measures and Covariates

**Maternal and Paternal Depressive Symptoms.** Mothers and fathers at 9 months and mothers at 4 years completed a 12-item short-form version of the Center for Epidemiological Studies-Depression Scale. The 12 items were summed to form a total depressive symptoms score (Cronbach's  $\alpha$  ranged from 0.78 to 0.93).

**Infant temperament.** Mothers and fathers completed the Infant Characteristics Questionnaire (ICQ; Bates, Freeland, & Lounsbury, 1979). This measure is a 28-item questionnaire measure assessing infant temperament. The questionnaire produces a measure of difficulty which is comprised of the subscales of unadaptability, fussiness, and unpredictability. Cronbach's alphas for the difficulty construct were .78 for mothers and .79 for fathers.

**Parent personality.** Forty mothers and fathers were asked to independently complete the Multidimensional Personality Questionnaire (MPQ; Tellegen, 1982) during the third trimester of pregnancy. This 300-item measure is designed for use with non-clinical samples and is composed of eleven scales which can be combined into higher-order factors. For the purposes of this investigation we focused on the higher-order factors of negative emotionality and communion following the procedures of Krueger et al. (1996). The alphas for these two factors were .84 and .87 for mothers and .88 and .90 for fathers for negative emotionality and communion, respectively.

## Research design.

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## Experimental manipulations or interventions.

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# Results

## Preliminary Analyses

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## Study 1

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## Study 2

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(Intercept)	-0.02	0.13	-0.12	0.91
X1	0.02	0.20	0.09	0.93
X2	0.10	0.09	1.11	0.27

## Discussion

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