论文写作从复现开始

R语言论文复现实操

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论文包含几步

Content
研究方向及内容

Methdology
方法及建模过程

RESULT
结果展示与分析

Format
期刊要求的格式

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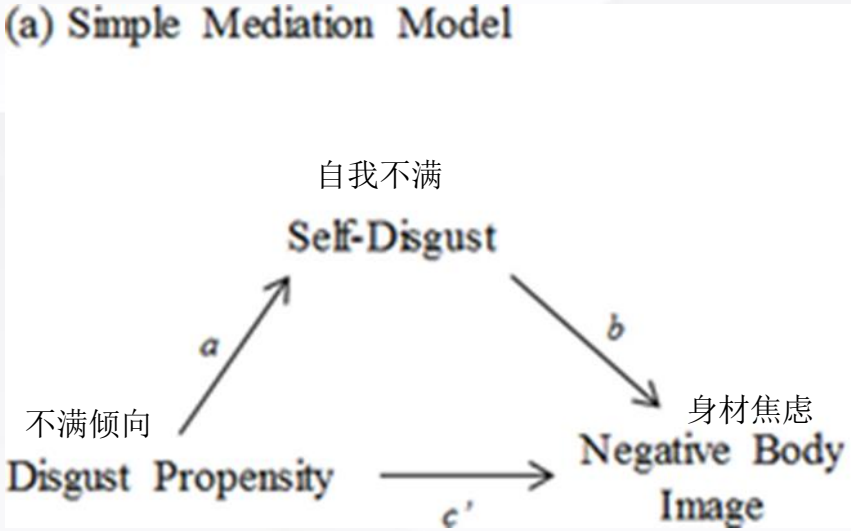
PART 01

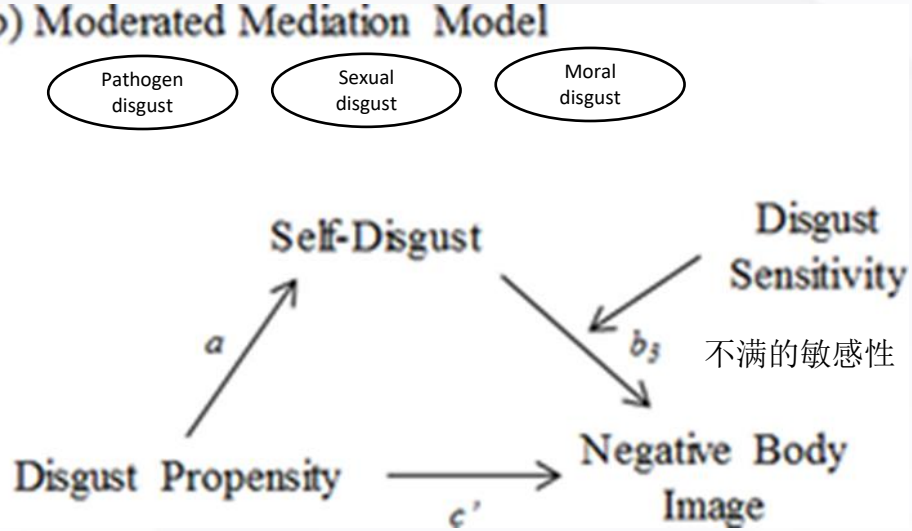
论文简介

身材焦虑与不满倾向、自我不满和不满敏感度的关联影响

身材焦虑研究了什么



前人的结论



本论文的改进

结论：

- 证明这4个因素有很强的相关性；
- 证明自我不满做为中介变量起到部分作用，但自我不满和身材焦虑之间引入的不满敏感性作用不显著

身材焦虑怎么研究的

现有依据可靠

- 验证现有关系成立
- 新引入调节变量与其他存在相关性table1
- 验证现有中介变量的模型可行table2
- 验证引入的调节变量作用不显著table3

改进中介变量

- 中介变量的量表改进
- 验证所有变量的相关table4；
- 验证中介变量的模型table5；
- 验证引入调节变量造成不满倾向对身材焦虑影响不显著table6.

事后分析

- 中介变量改进的的三个领域分别对身材焦虑的影响Table7；

结论：

- 证明这4个因素有很强的相关性；
- 证明自我不满做为中介变量起到部分作用，但自我不满和身材焦虑之间引入的不满敏感性作用不显著

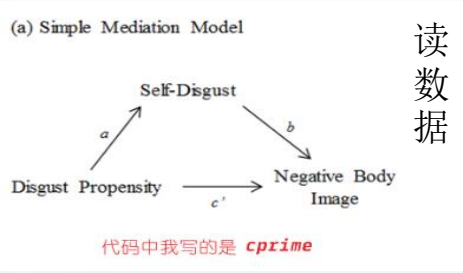
PART 02

建模及表格复现

1.数据到模型最终到表的复现2.图的绘制和引入

理想照进现实之复现1

研究模型 | 代码建模 | 生成表分析



读数据

```
rawdf1 <- haven::read_dta("./data/Dataset1.dta")

d1 <- rawdf1 %>%
select(DPSS_P, totalSDS, DPSS_S, Negative_Body_Image)
```

建模型

```
model <- '
  totalSDS ~ a * DPSS_P
  Negative_Body_Image ~ b * totalSDS + cprime * DPSS_P

  indirect := a*b
  total := cprime + (a*b)'

fit <- sem(model, data = d1)
```

表呈现

```
tbl_orders <- c("total",  "a", "cprime", "b","indirectb")
table02 <- fit %>%
parameterEstimates(standardized = TRUE) %>%
filter(label %in% tbl_orders) %>%
select(-c(lhs, op, rhs, std.lv, std.nox, std.all)) %>%
arrange(factor(label, levels = tbl_orders)) %>%
flextable::flextable() %>%
flextable::colformat_double(digits = 3) %>%
flextable::color(j = ~est, color = "black")
```

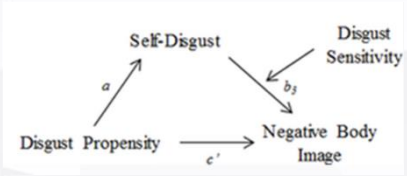
Table 2. Simple mediation analysis with disgust propensity and self-disgust (mediator) on negative body image

label	est	se	z	pvalue	ci.lower	ci.upper
total	0.045	0.013	3.518	0.000	0.020	0.071
a	0.351	0.109	3.212	0.001	0.137	0.564
cprime	0.029	0.012	2.438	0.015	0.006	0.053
b	0.046	0.005	10.170	0.000	0.037	0.055

1 DP = Disgust propensity
2 NBI = Negative body image
3 SD = Self-disgust
4 Boot = bias-corrected bootstrap standard error/confidence interval

理想照进现实之复现模型2

研究模型 | 代码建模 | 生成表分析



读数据

```
rawdf2 <- haven::read_dta("./data/Dataset2.dta")

d2 <- rawdf2 %>%
select(DPSS_P, TDSSmor, TDSSsex, TDSSpath,
       totalSDES, DPSS_S, Negative_Body_Image)

d2_c <- d2 %>%
mutate(
across(c(totalSDES, DPSS_S), ~.x - mean(.x)))
```

建模型

```
model <- '
 totalSDES ~ a * DPSS_P
 Negative_Body_Image ~ b1 * totalSDES + cprime
 * DPSS_P + b2 * DPSS_S + b3 * totalSDES:DPSS_S
 # Index of moderated mediation
 index.mod.med := a*b3 '
fit <- sem(model, data = d2_c)
tbl_orders <- c("cprime", "b1","b2","b3","index.mod.med")
```

表呈现

```
table06 <- fit %>%
parameterEstimates(standardized = TRUE) %>%
filter(label %in% tbl_orders) %>%
select(-c(lhs, op, rhs, std.lv, std.nox, std.all))%>%
arrange(factor(label, levels = tbl_orders)) %>%
flextable::flextable() %>%
flextable::colformat_double(digits = 3) %>%
flextable::color(j = ~est, color = "red")
```

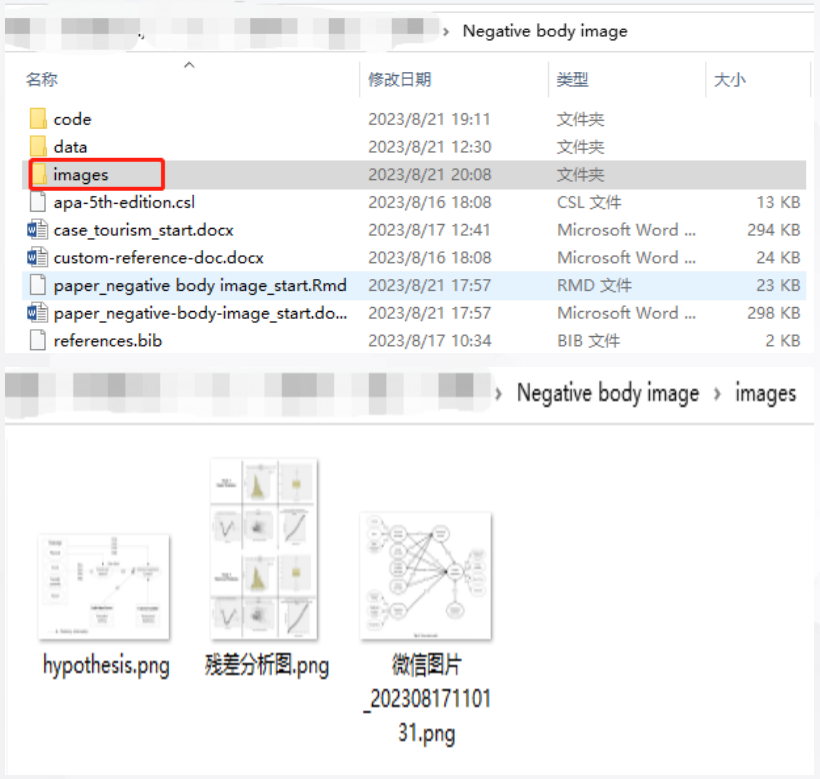
Table 6. Moderated mediation analysis with disgust propensity, self-disgust (SDES; mediator), disgust sensitivity (moderator) on negative body image

label	est	se	z	pvalue	ci.lower	ci.upper
cprime	0.030	0.020	1.552	0.121	-0.008	0.069
b1	0.028	0.005	5.366	0.000	0.018	0.038
b2	0.056	0.019	2.909	0.004	0.018	0.093
b3	0.001	0.001	0.503	0.615	-0.002	0.003
index.mod.med	0.000	0.001	0.499	0.618	-0.001	0.001

1 DP = Disgust propensity
2 NBI = Negative body image
3 SD = Self-disgust (SDES)
4 DS = Disgust Sensitivity
5 Boot = Bias-corrected bootstrap standard error/confidence interval

理想照进现实之复现图片

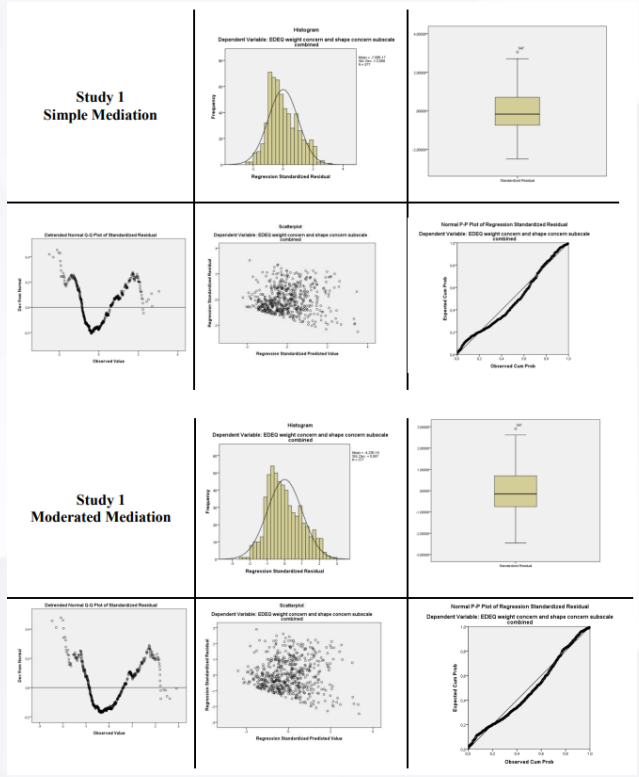
截图、手绘、生成 → 论文固定位置插入图片 → 显示图片




```
see Fig\@ref(fig:fig02)

```{r fig02, fig.cap="The hypothesis model."}
knitr::include_graphics("./images/残差分析图.png")
```
```

```
disgust sensitivity in the model.
# Domains of disgust propensity
Due to the lack of significant associations of self-disgust with
sexual, moral and pathogen disgust,
see Fig\@ref(fig:fig02)
no further mediation or moderated mediation analyses were conducted.
```



PART 03

代码实操

BUSINESS REPORT

代码实操：复现该论文

01

复制代码结构

依葫芦画瓢

02

更新自有内容

替换为自己的
DATA\CODE\IMAGE\论文格式\引用等

03

编写论文

论文结构文案填充，引入代码，
插入图片，引入文献等

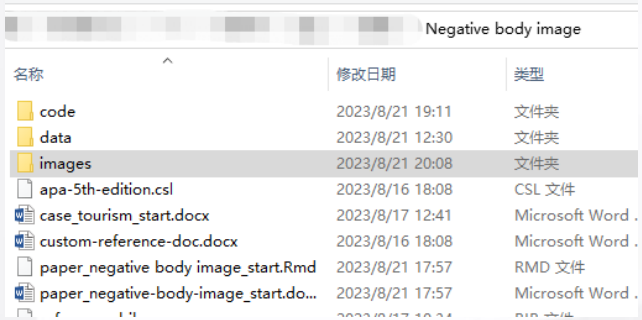
04

对应格式论文生成

一键生成

实操步骤如下

1.复制结构



2.格式不变

```yaml
---
title: "paper replication"
author: "Panyongkai、zhufangfang"
date: "`r Sys.Date()`"
output:
  officedown::rdocx_document:
    reference_docx: custom-reference-doc.docx
    number_sections: yes
    df_print: kable
bibliography: references.bib
csl: apa-5th-edition.csl
link-citations: yes
---
```

```r
```{r setup, include=FALSE}
knitr::opts_chunk$set(
    echo      = FALSE,
    warning   = FALSE,
    message   = FALSE,
    fig.asp   = 0.618,
    dpi       = 600
)
options(digits = 3)
```
```

3.引入内容

```r
# Abstract

Consistent with the view that disgust
body dissatisfaction,there is prelimin
correlation between measures of negati
both trait disgust and self-directed d
```

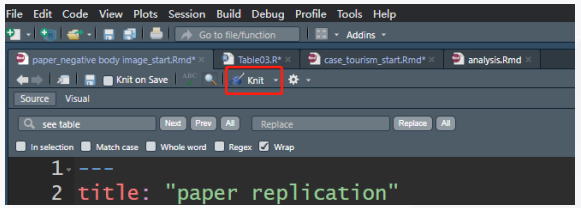
```r
see Table \@ref(tab:Table1)

```{r, tab.id="Table1", tab.cap="Table1.Means"}
  source("./code/Table01.R")
table01
```
```

```r
see Fig\@ref(fig:fig02)

```{r fig02, fig.cap="The hypothesis model."}
knitr::include_graphics("./images/微信图片_20230606195230.jpg")
```
```

4.生成论文



感谢聆听

BUSINESS REPORT

COMPANY NAME