1   Annalise's R Notebook for d2m/psychopathy

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5   Author Note

6   Add complete departmental affiliations for each author here. Each new line herein

7   must be indented, like this line.

8   Enter author note here.

9   The authors made the following contributions. Annalise Halverson:

10   Conceptualization, Writing - Original Draft Preparation, Writing - Review & Editing;

11   Ernst-August Doelle: Writing - Review & Editing, Supervision.

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¹⁴   Abstract

¹⁵ One or two sentences providing a **basic introduction** to the field, comprehensible to a

¹⁶ scientist in any discipline. Two to three sentences of **more detailed background**,

¹⁷ comprehensible to scientists in related disciplines. One sentence clearly stating the **general**

¹⁸ **problem** being addressed by this particular study. One sentence summarizing the main

¹⁹ result (with the words "**here we show**" or their equivalent). Two or three sentences

²⁰ explaining what the **main result** reveals in direct comparison to what was thought to be

²¹ the case previously, or how the main result adds to previous knowledge. One or two

²² sentences to put the results into a more **general context**. Two or three sentences to

²³ provide a **broader perspective**, readily comprehensible to a scientist in any discipline.

²⁴   *Keywords:* keywords

²⁵   Word count: X

Annalise's R Notebook for d2m/psychopathy

```
## [1] "/Users/annalisehalverson/repos/incarcerated-female-psychopath-behavioral-data1/D
```

```
## How big are the waves? Enter a number in feet:
```

```
## hello_world()
```

Methods

We report how we determined our sample size, all data exclusions (if any), all manipulations, and all measures in the study.

Participants

Material

Procedure

Data analysis

We used R (Version 4.3.2; R Core Team, 2023) and the R-packages *dplyr* (Version 1.1.4; Wickham, François, Henry, Müller, & Vaughan, 2023), *forcats* (Version 1.0.0; Wickham, 2023a), *ggplot2* (Version 3.4.4; Wickham, 2016), *lubridate* (Version 1.9.3; Grolemund & Wickham, 2011), *papaja* (Version 0.1.2; Aust & Barth, 2023), *purrr* (Version 1.0.2; Wickham & Henry, 2023), *readr* (Version 2.1.4; Wickham, Hester, & Bryan, 2023), *readxl* (Version 1.4.3; Wickham & Bryan, 2023), *stringr* (Version 1.5.1; Wickham, 2023b), *tibble* (Version 3.2.1; Müller & Wickham, 2023), *tidyr* (Version 1.3.0; Wickham, Vaughan, & Girlich, 2023), *tidyverse* (Version 2.0.0; Wickham et al., 2019), and *tinylabels* (Version 0.2.4; Barth, 2023) for all our analyses.

```
## [1] "/Users/annalisehalverson/repos/incarcerated-female-psychopath-behavioral-data1/D
```

```
##            URSI PAIBOR_Total_Score
## 1    M87100136                   43
## 2    M87104603                   28
## 3    M87105399                   29
## 4    M87108781                   41
## 5    M87109594                   41
## 6    M87110877                 -1001
## 7    M87111002                   34
## 8    M87111104                   25
## 9    M87111321                   36
## 10   M87112366                   26
## 11   M87112581                   48
## 12   M87116338                 -1001
## 13   M87119142                   33
## 14   M87120999                 -1001
## 15   M87121826                   24
## 16   M87122171                 -1001
## 17   M87122326                 -1001
## 18   M87123081                   39
## 19   M87123245                 -1001
## 20   M87123572                 -1001
## 21   M87125179                 -1001
## 22   M87125473                   35
## 23   M87125943                   19
## 24   M87126160                   25
## 25   M87126249                   40
## 26   M87126318                   40
```

```
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## 28  M87127762             -1001
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## 30  M87128651                49
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## 32  M87128849                15
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## 34  M87129404                18
## 35  M87129428             -1001
## 36  M87130982                28
## 37  M87132177             -1001
## 38  M87134521                46
## 39  M87134896             -1001
## 40  M87139617             -1001
## 41  M87142454             -1001
## 42  M87143209             -1001
## 43  M87144512             -1001
## 44  M87145795                55
## 45  M87146972                48
## 46  M87147282             -1001
## 47  M87148305                36
## 48  M87150494             -1001
## 49  M87150857                49
## 50  M87151123             -1001
## 51  M87152502                24
## 52  M87153728                35
## 53  M87154850                30
```

```
## 54  M87155403                42
## 55  M87156585             -1001
## 56  M87156663                27
## 57  M87156670             -1001
## 58  M87157220             -1001
## 59  M87157352             -1001
## 60  M87157521             -1001
## 61  M87157887             -1001
## 62  M87159426             -1001
## 63  M87159432             -1001
## 64  M87160137                23
## 65  M87161366             -1001
## 66  M87161809             -1001
## 67  M87162414             -1001
## 68  M87162902                50
## 69  M87162971             -1001
## 70  M87163191                48
## 71  M87163757                29
## 72  M87163769                43
## 73  M87163946                30
## 74  M87164345             -1001
## 75  M87164449                16
## 76  M87164540                28
## 77  M87164648                35
## 78  M87165375                27
## 79  M87165527                58
## 80  M87165797                32
```

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## 81  M87166710                41
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## 83  M87166910                28
## 84  M87167398              -1001
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## 86  M87168328              -1001
## 87  M87169021                31
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## 91  M87169514                22
## 92  M87170474                27
## 93  M87170476                32
## 94  M87170908                47
## 95  M87171764                29
## 96  M87172248                26
## 97  M87172333                49
## 98  M87172650                54
## 99  M87172784                53
## 100 M87172852                35
## 101 M87173067                51
## 102 M87173373                52
## 103 M87176680                40
## 104 M87177701                54
## 105 M87177926                48
## 106 M87178061                42
## 107 M87178826              -1001
```

```
## 108 M87178986                    41
## 109 M87179102                    52
## 110 M87179161                  -1001
## 111 M87179731                    44
## 112 M87179833                    40
## 113 M87180769                    56
## 114 M87182682                    20
## 115 M87183398                  -1001
## 116 M87183729                  -1001
## 117 M87183952                    35
## 118 M87184046                    47
## 119 M87184276                    31
## 120 M87184325                    52
## 121 M87185273                    42
## 122 M87186305                  -1001
## 123 M87186373                    43
## 124 M87186909                  -1001
## 125 M87186922                    51
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## 127 M87187120                    26
## 128 M87187913                    49
## 129 M87188957                    27
## 130 M87189848                    53
## 131 M87190502                  -1001
## 132 M87190506                  -1001
## 133 M87190683                    54
## 134 M87191322                    38
```

```
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## 136 M87191827             -1001
## 137 M87192540                45
## 138 M87192762             -1001
## 139 M87193111             -1001
## 140 M87193407                40
## 141 M87193473             -1001
## 142 M87193577             -1001
## 143 M87194163             -1001
## 144 M87194943                52
## 145 M87194985                16
## 146 M87195071                39
## 147 M87195410                11
## 148 M87195713                55
## 149 M87196149             -1001
## 150 M87196383                38
## 151 M87196696                27
## 152 M87197223                15
## 153 M87197246                45
## 154 M87198343                51
## 155 M87199813                11

##          URSI PAIBOR_Total_Score
## 1    M87100136                43
## 2    M87104603                28
## 3    M87105399                29
## 4    M87108781                41
## 5    M87109594                41
```

```
209  ## 6   M87111002          34
210  ## 7   M87111104          25
211  ## 8   M87111321          36
212  ## 9   M87112366          26
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214  ## 11  M87119142          33
215  ## 12  M87121826          24
216  ## 13  M87123081          39
217  ## 14  M87125473          35
218  ## 15  M87125943          19
219  ## 16  M87126160          25
220  ## 17  M87126249          40
221  ## 18  M87126318          40
222  ## 19  M87127480          45
223  ## 20  M87128583          31
224  ## 21  M87128651          49
225  ## 22  M87128716          27
226  ## 23  M87128849          15
227  ## 24  M87129178          52
228  ## 25  M87129404          18
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230  ## 27  M87134521          46
231  ## 28  M87145795          55
232  ## 29  M87146972          48
233  ## 30  M87148305          36
234  ## 31  M87150857          49
235  ## 32  M87152502          24
```

```
236  ## 33  M87153728              35
237  ## 34  M87154850              30
238  ## 35  M87155403              42
239  ## 36  M87156663              27
240  ## 37  M87160137              23
241  ## 38  M87162902              50
242  ## 39  M87163191              48
243  ## 40  M87163757              29
244  ## 41  M87163769              43
245  ## 42  M87163946              30
246  ## 43  M87164449              16
247  ## 44  M87164540              28
248  ## 45  M87164648              35
249  ## 46  M87165375              27
250  ## 47  M87165527              58
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257  ## 54  M87169513              23
258  ## 55  M87169514              22
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260  ## 57  M87170476              32
261  ## 58  M87170908              47
262  ## 59  M87171764              29
```

```
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264  ## 61  M87172333          49
265  ## 62  M87172650          54
266  ## 63  M87172784          53
267  ## 64  M87172852          35
268  ## 65  M87173067          51
269  ## 66  M87173373          52
270  ## 67  M87176680          40
271  ## 68  M87177701          54
272  ## 69  M87177926          48
273  ## 70  M87178061          42
274  ## 71  M87178986          41
275  ## 72  M87179102          52
276  ## 73  M87179731          44
277  ## 74  M87179833          40
278  ## 75  M87180769          56
279  ## 76  M87182682          20
280  ## 77  M87183952          35
281  ## 78  M87184046          47
282  ## 79  M87184276          31
283  ## 80  M87184325          52
284  ## 81  M87185273          42
285  ## 82  M87186373          43
286  ## 83  M87186922          51
287  ## 84  M87186962          29
288  ## 85  M87187120          26
289  ## 86  M87187913          49
```

```
## 87  M87188957                27
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## 89  M87190683                54
## 90  M87191322                38
## 91  M87191416                25
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## 97  M87195410                11
## 98  M87195713                55
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## 103 M87198343                51
## 104 M87199813                11

##           URSI PAIBOR_Total_Score
## 1   M87195410                11
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## 3   M87128849                15
## 4   M87197223                15
## 5   M87164449                16
## 6   M87194985                16
## 7   M87129404                18
## 8   M87125943                19
```

```
317  ## 9   M87182682              20

318  ## 10  M87169514              22

319  ## 11  M87160137              23

320  ## 12  M87169513              23

321  ## 13  M87121826              24

322  ## 14  M87152502              24

323  ## 15  M87169334              24

324  ## 16  M87111104              25

325  ## 17  M87126160              25

326  ## 18  M87191416              25

327  ## 19  M87112366              26

328  ## 20  M87172248              26

329  ## 21  M87187120              26

330  ## 22  M87128716              27

331  ## 23  M87156663              27

332  ## 24  M87165375              27

333  ## 25  M87170474              27

334  ## 26  M87188957              27

335  ## 27  M87196696              27

336  ## 28  M87104603              28

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341  ## 33  M87163757              29

342  ## 34  M87171764              29

343  ## 35  M87186962              29
```

```
344   ## 36   M87154850              30

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359   ## 51   M87111321              36

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363   ## 55   M87123081              39

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365   ## 57   M87126249              40

366   ## 58   M87126318              40

367   ## 59   M87176680              40

368   ## 60   M87179833              40

369   ## 61   M87193407              40

370   ## 62   M87108781              41
```

```
371  ## 63  M87109594              41
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## 100 M87190683          54
## 101 M87145795          55
## 102 M87195713          55
## 103 M87180769          56
## 104 M87165527          58
```

Results

Discussion

Header A

- **bananas**
- *carrots*
- eggs

Header B

1. France
2. Spain

422   3. ***Australia***

423   **Header C.**   R class website

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455   Wickham, H., Vaughan, D., & Girlich, M. (2023). *Tidyr: Tidy messy data.* Retrieved from

456   https://CRAN.R-project.org/package=tidyr
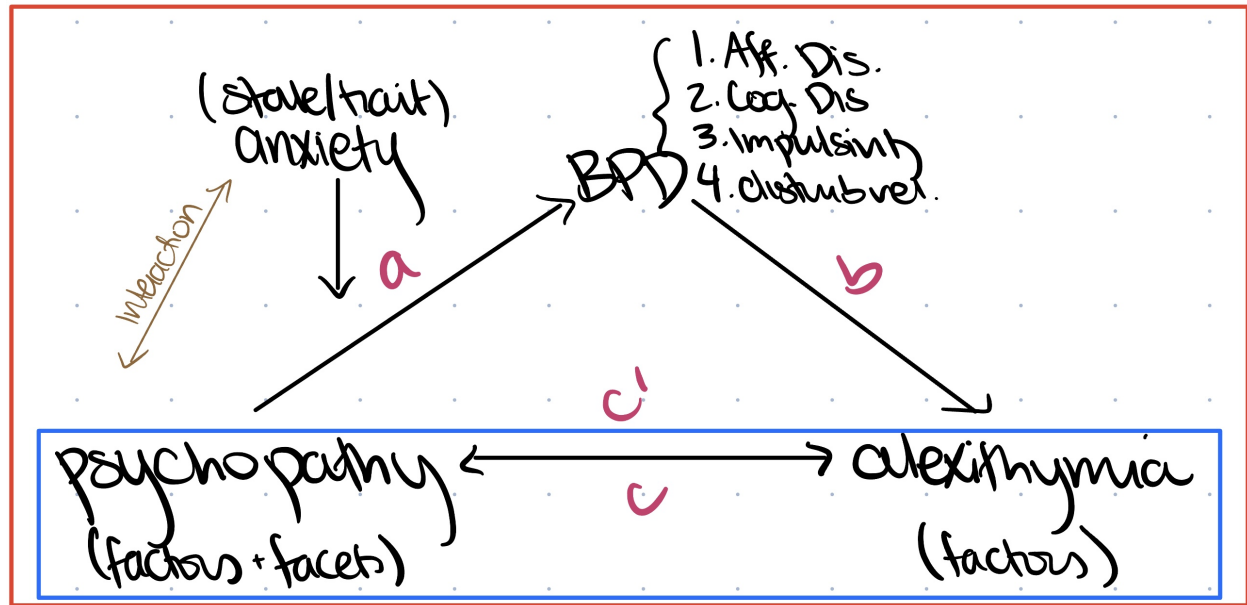
Figure 1

(#fig:simple plot of mediation relationship)
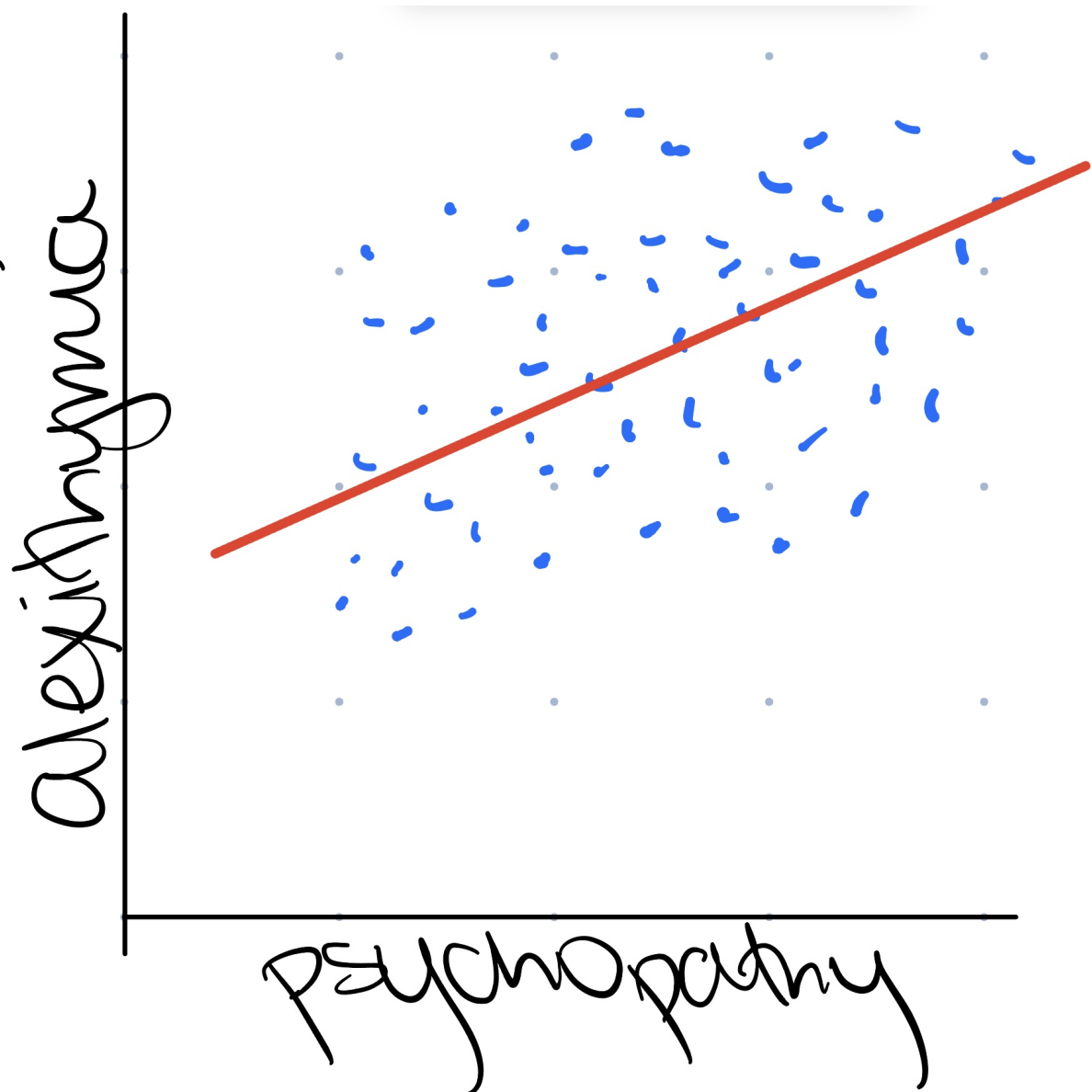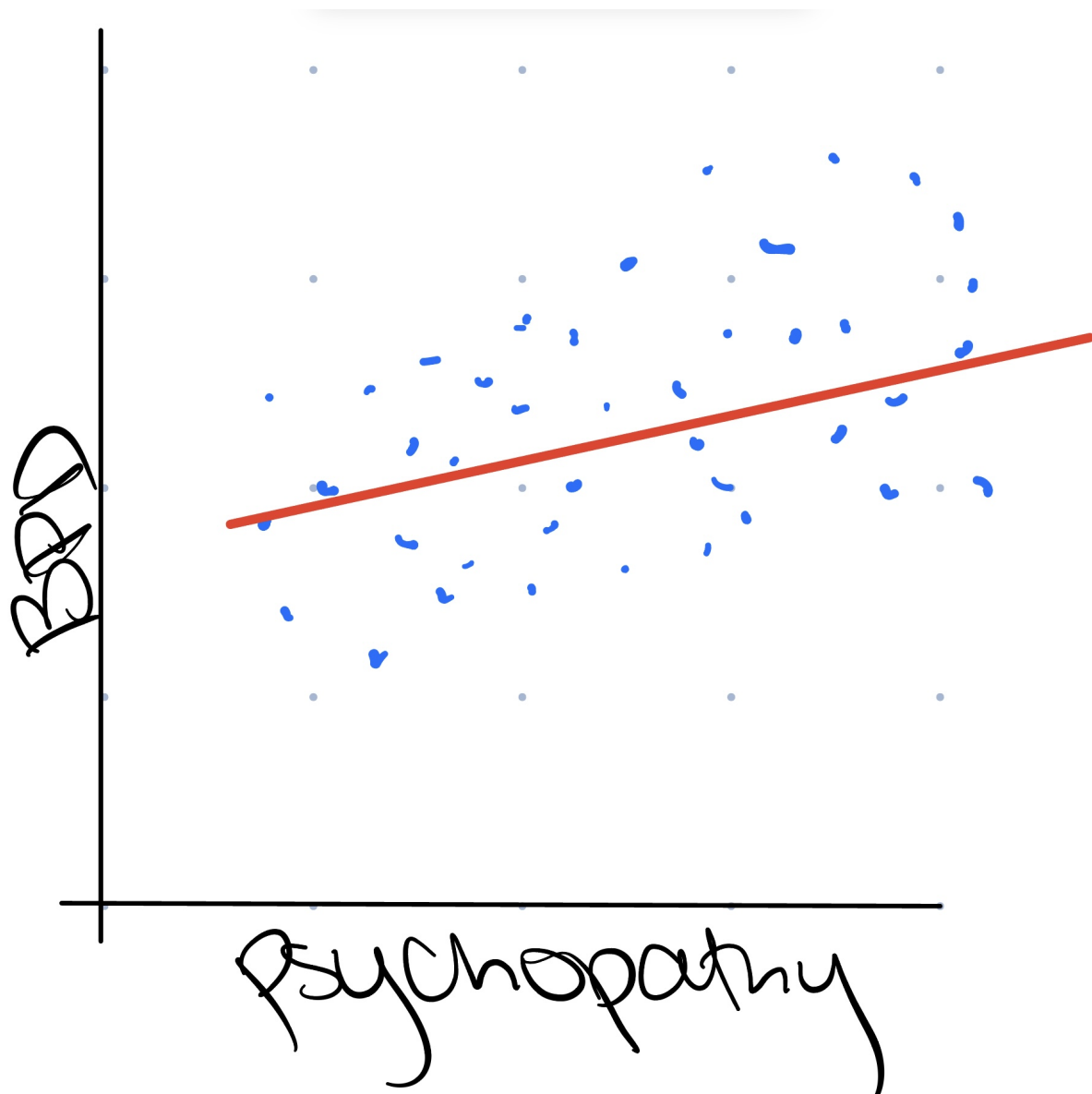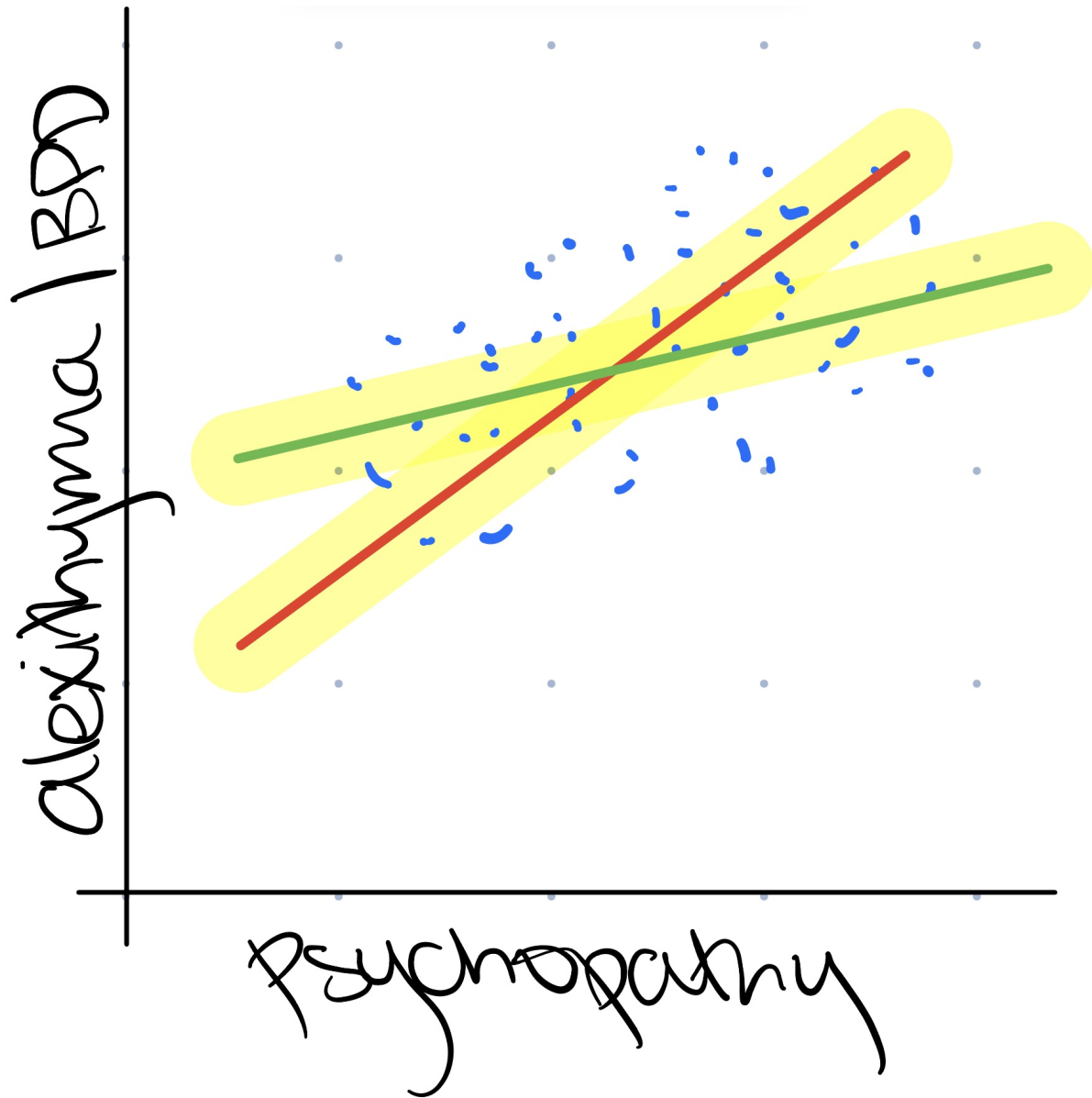
Figure 2

(#fig:scatterplot of c path)

Figure 3

(#fig:scatterplot of a path)

Figure 4

(#fig:mediation plot)