

```
GET
  FILE='D:\deskep\十一月份投稿2\data.sav'.
DATASET NAME 数据集1 WINDOW=FRONT.
DESCRIPTIVES VARIABLES=POMS SES2 CDRISC AMS
  /STATISTICS=MEAN STDDEV.
```

| 描述统计      |     |        |         |
|-----------|-----|--------|---------|
|           | 个案数 | 平均值    | 标准差     |
| POMS      | 388 | 94.374 | 7.8053  |
| SES-2     | 388 | 3.7029 | .68976  |
| CD-RISC   | 388 | 52.680 | 12.4005 |
| AMS       | 388 | 3.5723 | .82600  |
| 有效个案数（成列） | 388 |        |         |

```
CORRELATIONS
  /VARIABLES=POMS SES2 CDRISC AMS
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

|         |         | 相关性     |         |         |         |
|---------|---------|---------|---------|---------|---------|
|         |         | POMS    | SES-2   | CD-RISC | AMS     |
| POMS    | 皮尔逊相关性  | 1       | -.591** | -.462** | -.564** |
|         | 显著性（双尾） |         | .000    | .000    | .000    |
|         | 个案数     | 388     | 388     | 388     | 388     |
| SES-2   | 皮尔逊相关性  | -.591** | 1       | .871**  | .903**  |
|         | 显著性（双尾） | .000    |         | .000    | .000    |
|         | 个案数     | 388     | 388     | 388     | 388     |
| CD-RISC | 皮尔逊相关性  | -.462** | .871**  | 1       | .902**  |
|         | 显著性（双尾） | .000    | .000    |         | .000    |
|         | 个案数     | 388     | 388     | 388     | 388     |
| AMS     | 皮尔逊相关性  | -.564** | .903**  | .902**  | 1       |
|         | 显著性（双尾） | .000    | .000    | .000    |         |
|         | 个案数     | 388     | 388     | 388     | 388     |

\*\*． 在 0.01 级别（双尾），相关性显著。

```
/* PROCESS version 3.3 */.
/* Written by Andrew F. Hayes */.
/* www.afhayes.com */.
/* www.processmacro.org */.
/* Copyright 2019 by Andrew F. Hayes */.
/* Documented in http://www.guilford.com/p/hayes3 */.
/* PROCESS workshop schedule at http://www.processmacro.org/workshops.html */.

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```

```
set printback=off.
```

```
Run MATRIX procedure:
```

```
***** PROCESS Procedure for SPSS Version 3.3 *****
```

```
      Written by Andrew F. Hayes, Ph.D.      www.afhayes.com
Documentation available in Hayes (2018). www.guilford.com/p/hayes3
```

```
*****
```

```
Model  : 6
  Y  : SES2
  X  : POMS
M1   : CDRISC
M2   : AMS
```

Sample  
Size: 388

\*\*\*\*\*

OUTCOME VARIABLE:  
CDRISC

| Model Summary |      |         |         |       |         |      |
|---------------|------|---------|---------|-------|---------|------|
| R             | R-sq | MSE     | F       | df1   | df2     | p    |
| .462          | .213 | 121.275 | 104.705 | 1.000 | 386.000 | .000 |

| Model    | coeff   | se    | t       | p    | LLCI    | ULCI    |
|----------|---------|-------|---------|------|---------|---------|
| constant | 121.940 | 6.792 | 17.955  | .000 | 108.587 | 135.293 |
| POMS     | -.734   | .072  | -10.233 | .000 | -.875   | -.593   |

| Standardized coefficients |       |
|---------------------------|-------|
|                           | coeff |
| POMS                      | -.462 |

\*\*\*\*\*

OUTCOME VARIABLE:  
AMS

| Model Summary |      |      |          |       |         |      |
|---------------|------|------|----------|-------|---------|------|
| R             | R-sq | MSE  | F        | df1   | df2     | p    |
| .917          | .842 | .109 | 1023.599 | 2.000 | 385.000 | .000 |

| Model    | coeff | se   | t      | p    | LLCI  | ULCI  |
|----------|-------|------|--------|------|-------|-------|
| constant | 2.584 | .275 | 9.389  | .000 | 2.043 | 3.126 |
| POMS     | -.020 | .002 | -8.207 | .000 | -.025 | -.015 |
| CDRISC   | .054  | .002 | 35.673 | .000 | .051  | .057  |

| Standardized coefficients |       |
|---------------------------|-------|
|                           | coeff |
| POMS                      | -.188 |
| CDRISC                    | .816  |

\*\*\*\*\*

OUTCOME VARIABLE:

SES2

Model Summary

| R    | R-sq | MSE  | F       | df1   | df2     | p    |
|------|------|------|---------|-------|---------|------|
| .920 | .846 | .074 | 701.150 | 3.000 | 384.000 | .000 |

Model

|          | coeff | se   | t      | p    | LLCI  | ULCI  |
|----------|-------|------|--------|------|-------|-------|
| constant | 2.361 | .252 | 9.368  | .000 | 1.865 | 2.856 |
| POMS     | -.013 | .002 | -5.828 | .000 | -.017 | -.008 |
| CDRISC   | .019  | .003 | 7.207  | .000 | .014  | .024  |
| AMS      | .432  | .042 | 10.263 | .000 | .349  | .515  |

Standardized coefficients

|        | coeff |
|--------|-------|
| POMS   | -.143 |
| CDRISC | .338  |
| AMS    | .517  |

\*\*\*\*\* TOTAL EFFECT MODEL \*\*\*\*\*

OUTCOME VARIABLE:

SES2

Model Summary

| R    | R-sq | MSE  | F       | df1   | df2     | p    |
|------|------|------|---------|-------|---------|------|
| .591 | .349 | .310 | 207.028 | 1.000 | 386.000 | .000 |

Model

|          | coeff | se   | t       | p    | LLCI  | ULCI  |
|----------|-------|------|---------|------|-------|-------|
| constant | 8.631 | .344 | 25.115  | .000 | 7.955 | 9.306 |
| POMS     | -.052 | .004 | -14.388 | .000 | -.059 | -.045 |

Standardized coefficients

|      | coeff |
|------|-------|
| POMS | -.591 |

\*\*\*\*\* TOTAL, DIRECT, AND INDIRECT EFFECTS OF X ON Y \*\*\*\*\*

Total effect of X on Y

| Effect | se   | t       | p    | LLCI  | ULCI  | c_ps  | c_cs  |
|--------|------|---------|------|-------|-------|-------|-------|
| -.052  | .004 | -14.388 | .000 | -.059 | -.045 | -.076 | -.591 |

Direct effect of X on Y

| Effect | se   | t      | p    | LLCI  | ULCI  | c'_ps | c'_cs |
|--------|------|--------|------|-------|-------|-------|-------|
| -.013  | .002 | -5.828 | .000 | -.017 | -.008 | -.018 | -.143 |

Indirect effect(s) of X on Y:

|       | Effect | BootSE | BootLLCI | BootULCI |
|-------|--------|--------|----------|----------|
| TOTAL | -.040  | .003   | -.046    | -.034    |
| Ind1  | -.014  | .003   | -.020    | -.009    |
| Ind2  | -.009  | .002   | -.014    | -.005    |
| Ind3  | -.017  | .002   | -.022    | -.013    |
| (C1)  | -.005  | .005   | -.015    | .004     |
| (C2)  | .003   | .004   | -.006    | .011     |
| (C3)  | .009   | .002   | .004     | .013     |

Partially standardized indirect effect(s) of X on Y:

|       | Effect | BootSE | BootLLCI | BootULCI |
|-------|--------|--------|----------|----------|
| TOTAL | -.057  | .004   | -.065    | -.051    |
| Ind1  | -.020  | .004   | -.029    | -.013    |
| Ind2  | -.012  | .003   | -.020    | -.007    |
| Ind3  | -.025  | .003   | -.031    | -.019    |
| (C1)  | -.008  | .007   | -.022    | .006     |
| (C2)  | .005   | .006   | -.009    | .016     |
| (C3)  | .013   | .003   | .005     | .019     |

Completely standardized indirect effect(s) of X on Y:

|       | Effect | BootSE | BootLLCI | BootULCI |
|-------|--------|--------|----------|----------|
| TOTAL | -.448  | .025   | -.498    | -.401    |
| Ind1  | -.156  | .033   | -.227    | -.098    |
| Ind2  | -.097  | .025   | -.152    | -.052    |
| Ind3  | -.195  | .023   | -.241    | -.150    |
| (C1)  | -.059  | .055   | -.169    | .046     |
| (C2)  | .039   | .050   | -.066    | .129     |
| (C3)  | .098   | .026   | .042     | .146     |

Specific indirect effect contrast definition(s):

|      |      |       |      |
|------|------|-------|------|
| (C1) | Ind1 | minus | Ind2 |
| (C2) | Ind1 | minus | Ind3 |
| (C3) | Ind2 | minus | Ind3 |

Indirect effect key:

Ind1 POMS -> CDRISC -> SES2  
Ind2 POMS -> AMS -> SES2  
Ind3 POMS -> CDRISC -> AMS -> SES2

\*\*\*\*\* ANALYSIS NOTES AND ERRORS \*\*\*\*\*

Level of confidence for all confidence intervals in output:  
95.0000

Number of bootstrap samples for percentile bootstrap confidence intervals:  
5000

----- END MATRIX -----