OUTPUT K: SAS

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| \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PROCESS Procedure for SAS Version 3.0 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

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| Written by Andrew F. Hayes, Ph.D. http://www.afhayes.com |

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| Documentation available in Hayes (2018) www.guilford.com/p/hayes3 |

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| **Model and Variables** | |
| --- | --- |
| **Model:** | 7 |
| **Y:** | USE4 |
| **X:** | MBRP |
| **M:** | CRAVE2 |
| **W:** | BDI0 |

| **Covariates:** | |
| --- | --- |
| CRAVE0 | TREATHRS |

| **Sample size:** |
| --- |
| 168 |

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| **OUTCOME VARIABLE:** |
| --- |
| CRAVE2 |

| **Model Summary** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **R** | **R-sq** | **MSE** | **F** | **df1** | **df2** | **p** |
| 0.5140 | 0.2642 | 0.7277 | 11.6319 | 5.0000 | 162.0000 | 0.0000 |

| **Model** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | **coeff** | **se** | **t** | **p** | **LLCI** | **ULCI** |
| **constant** | 1.0385 | 0.4701 | 2.2090 | 0.0286 | 0.1102 | 1.9668 |
| **MBRP** | 0.5872 | 0.5241 | 1.1204 | 0.2642 | -0.4478 | 1.6222 |
| **BDI0** | 1.1221 | 0.2762 | 4.0625 | 0.0001 | 0.5767 | 1.6675 |
| **Int\_1** | -0.9485 | 0.4235 | -2.2398 | 0.0265 | -1.7847 | -0.1122 |
| **CRAVE0** | 0.1920 | 0.0735 | 2.6138 | 0.0098 | 0.0470 | 0.3371 |
| **TREATHRS** | -0.0177 | 0.0103 | -1.7190 | 0.0875 | -0.0380 | 0.0026 |

| **Product terms key:** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Int\_1 | : | MBRP | x | BDI0 |  |  |

| **Test(s) of highest order unconditional interactions:** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | **R2-chng** | **F** | **df1** | **df2** | **p** |
| **X\*W** | 0.0228 | 5.0166 | 1.0000 | 162.0000 | 0.0265 |

| **--------------------------** | | | |
| --- | --- | --- | --- |
| Focal | predict: | MBRP | (X) |
|  | Mod var: | BDI0 | (W) |

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| Conditional effects of the focal predictor at values of the moderator(s): |

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| --- | --- | --- | --- | --- | --- | --- |
| **BDI0** | **Effect** | **se** | **t** | **p** | **LLCI** | **ULCI** |
| 0.9020 | -0.2683 | 0.1850 | -1.4500 | 0.1490 | -0.6336 | 0.0971 |
| 1.1900 | -0.5414 | 0.1375 | -3.9384 | 0.0001 | -0.8129 | -0.2699 |
| 1.5180 | -0.8525 | 0.1941 | -4.3923 | 0.0000 | -1.2358 | -0.4692 |

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| **OUTCOME VARIABLE:** |
| --- |
| USE4 |

| **Model Summary** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **R** | **R-sq** | **MSE** | **F** | **df1** | **df2** | **p** |
| 0.7304 | 0.5335 | 0.2105 | 46.6070 | 4.0000 | 163.0000 | 0.0000 |

| **Model** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | **coeff** | **se** | **t** | **p** | **LLCI** | **ULCI** |
| **constant** | 1.1298 | 0.2150 | 5.2545 | 0.0000 | 0.7052 | 1.5544 |
| **MBRP** | 0.0926 | 0.0773 | 1.1979 | 0.2327 | -0.0601 | 0.2453 |
| **CRAVE2** | 0.4810 | 0.0402 | 11.9547 | 0.0000 | 0.4015 | 0.5604 |
| **CRAVE0** | -0.0884 | 0.0397 | -2.2246 | 0.0275 | -0.1668 | -0.0099 |
| **TREATHRS** | -0.0199 | 0.0056 | -3.5720 | 0.0005 | -0.0309 | -0.0089 |

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| \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* DIRECT AND INDIRECT EFFECTS OF X ON Y \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

| **Direct effect of X on Y** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Effect** | **se** | **t** | **p** | **LLCI** | **ULCI** |
| 0.0926 | 0.0773 | 1.1979 | 0.2327 | -0.0601 | 0.2453 |

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| --- |
| Conditional indirect effects of X on Y: |

| **INDIRECT EFFECT:** | | | | |
| --- | --- | --- | --- | --- |
| MBRP | -> | CRAVE2 | -> | USE4 |

|  | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | **BDI0** | **Effect** | **BootSE** | **BootLLCI** | **BootULCI** |
|  | 0.9020 | -0.1290 | 0.0756 | -0.2858 | 0.0179 |
|  | 1.1900 | -0.2604 | 0.0856 | -0.4445 | -0.1122 |
|  | 1.5180 | -0.4100 | 0.1365 | -0.7073 | -0.1770 |

| **Index of moderated mediation:** | | | | |
| --- | --- | --- | --- | --- |
|  | **Index** | **BootSE** | **BootLLCI** | **BootULCI** |
| **BDI0** | -0.4562 | 0.2162 | -0.9372 | -0.0890 |

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

| **Level of confidence for all confidence intervals in output:** |
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| 95.0000 |

| **Number of bootstrap samples for percentile bootstrap confidence intervals:** |
| --- |
| 10000 |

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| W values in conditional tables are the 16th, 50th, and 84th percentiles |