# DAGassist Report

## Roles

| Variable | Role | X | Y | CON | MED | COL | DY | DX | Canon |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | other |  |  |  |  |  |  |  | x |
| B | other |  |  |  |  |  |  |  | x |
| C | collider |  |  |  |  | x | x | x |  |
| M | mediator |  |  |  | x |  |  | x |  |
| X | exposure | x |  |  |  |  |  |  |  |
| Y | outcome |  | x |  |  |  |  | x |  |
| Z | confounder |  |  | x |  |  |  |  | x |

## Models

| Term | Original | Minimal 1 | Canonical |
| --- | --- | --- | --- |
| (Intercept) | 0.019 | -0.004 | 0.019 |
|  | ((0.029)) | ((0.047)) | ((0.045)) |
| X | -0.005 | 1.423\*\*\* | 1.457\*\*\* |
|  | ((0.076)) | ((0.076)) | ((0.073)) |
| C | 0.622\*\*\* |  |  |
|  | ((0.032)) |  |  |
| Z | 0.296\*\*\* | 0.522\*\*\* | 0.518\*\*\* |
|  | ((0.050)) | ((0.078)) | ((0.075)) |
| M | 0.312\*\*\* |  |  |
|  | ((0.048)) |  |  |
| A | -0.032 |  | 0.286\*\*\* |
|  | ((0.036)) |  | ((0.047)) |
| B |  |  | 0.011 |
|  |  |  | ((0.044)) |
| Num.Obs. | 400 | 400 | 400 |
| R2 | 0.938 | 0.832 | 0.846 |

## Notes

* p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001.

*Controls (minimal):* {Z}

*Controls (canonical):* {A, B, Z}.