CReDITSS

Statistical Analysis Plan

Project name

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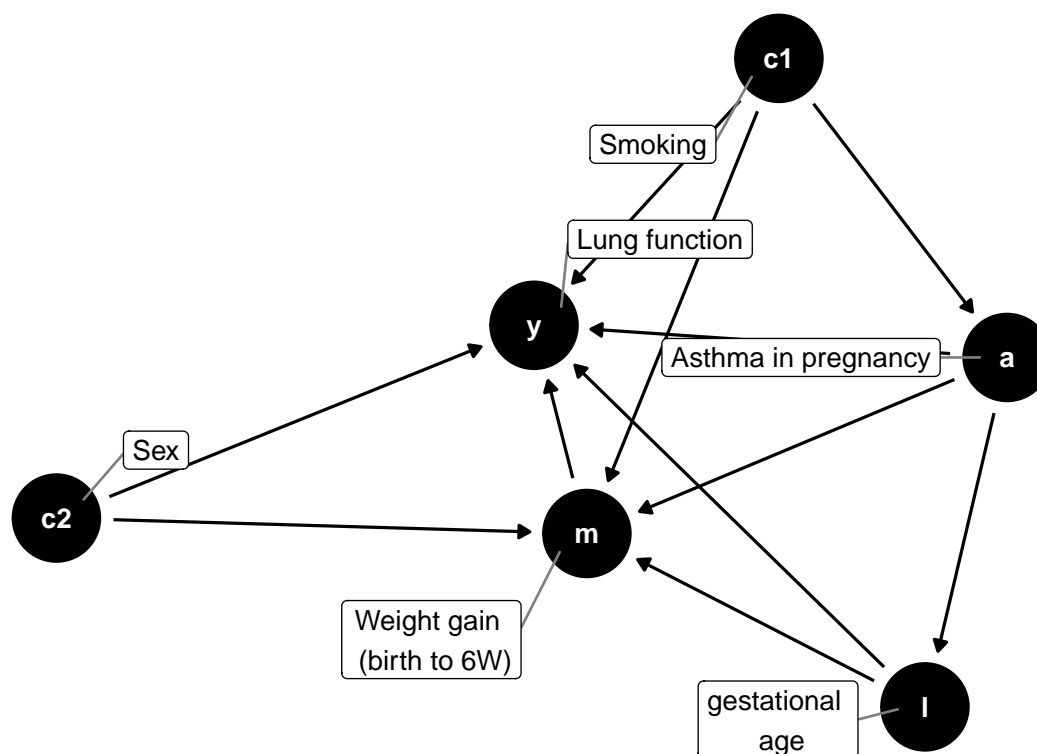
Quote number: 1234

Project directory:

Contents

Summary

The aim of this project is to assess if any of the eeffect of asthma during pregnacy on childhood lung function is mediated through childhood weight change form birth to 6 weeks. A summary of the casual relationships between the variables of interest is seen in the directed Acyclic Graph below:

Statistical methodology

Session Info

```
## R version 3.6.1 (2019-07-05)
## Platform: x86_64-w64-mingw32/x64 (64-bit)
## Running under: Windows 10 x64 (build 17763)
##
## Matrix products: default
##
## locale:
## [1] LC_COLLATE=English_Australia.1252  LC_CTYPE=English_Australia.1252
## [3] LC_MONETARY=English_Australia.1252 LC_NUMERIC=C
## [5] LC_TIME=English_Australia.1252
##
## attached base packages:
## [1] stats     graphics  grDevices utils     datasets  methods   base
##
## other attached packages:
## [1] ggdag_0.2.0.9000 ggplot2_3.2.1
##
## loaded via a namespace (and not attached):
##  [1] tidyselect_0.2.5   xfun_0.11          purrr_0.3.3        graphlayouts_0.5.0
```

```
##  [5] V8_2.3             colorspace_1.4-1  vctrs_0.2.0       htmltools_0.4.0
##  [9] viridisLite_0.3.0  yaml_2.2.0        rlang_0.4.1       pillar_1.4.2
## [13] glue_1.3.1         withr_2.1.2       tweenr_1.0.1      lifecycle_0.1.0
## [17] stringr_1.4.0      munsell_0.5.0     gtable_0.3.0      evaluate_0.14
## [21] labeling_0.3       knitr_1.26        curl_4.2          dagitty_0.2-2
## [25] tidygraph_1.1.2    Rcpp_1.0.3        backports_1.1.5   scales_1.0.0
## [29] jsonlite_1.6       farver_2.0.1      gridExtra_2.3     ggforce_0.3.1
## [33] digest_0.6.22      stringi_1.4.3     dplyr_0.8.3       ggrepel_0.8.1
## [37] polyclip_1.10-0    grid_3.6.1        tools_3.6.1       magrittr_1.5
## [41] lazyeval_0.2.2     tibble_2.1.3      ggraph_2.0.0      crayon_1.3.4
## [45] tidyr_1.0.0        pkgconfig_2.0.3   zeallot_0.1.0     MASS_7.3-51.4
## [49] assertthat_0.2.1   rmarkdown_1.17    viridis_0.5.1     R6_2.4.1
## [53] boot_1.3-23        igraph_1.2.4.1    compiler_3.6.1
```