

Sample Correlation Coefficient Representations

Dave Bridges

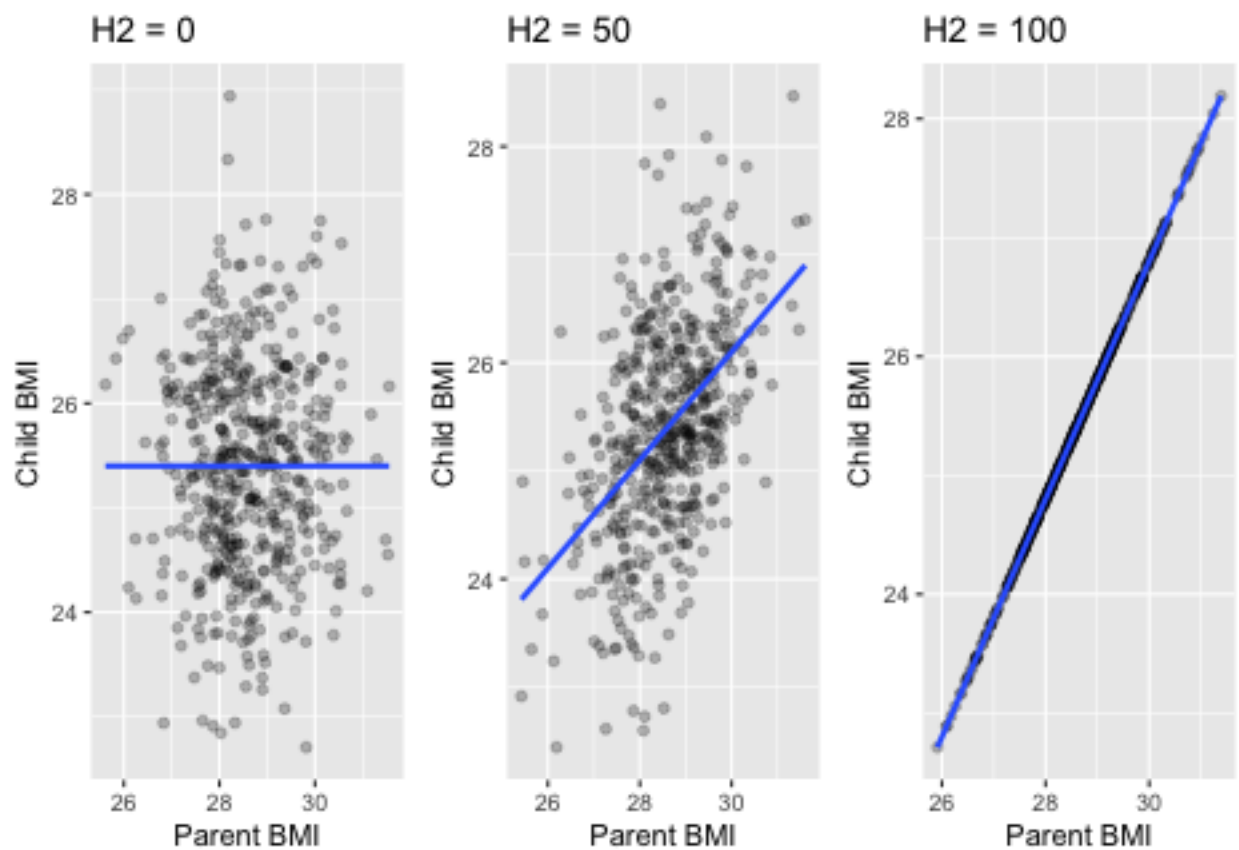
2018-09-06

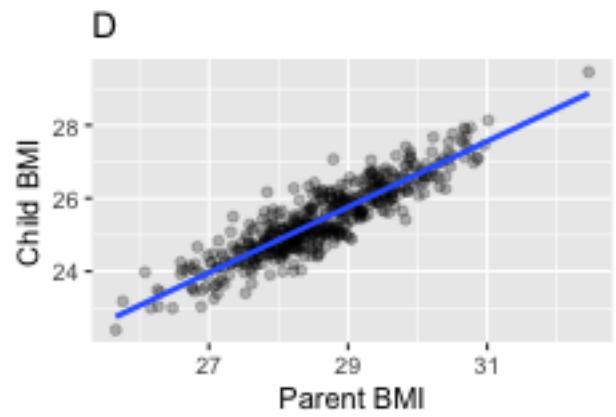
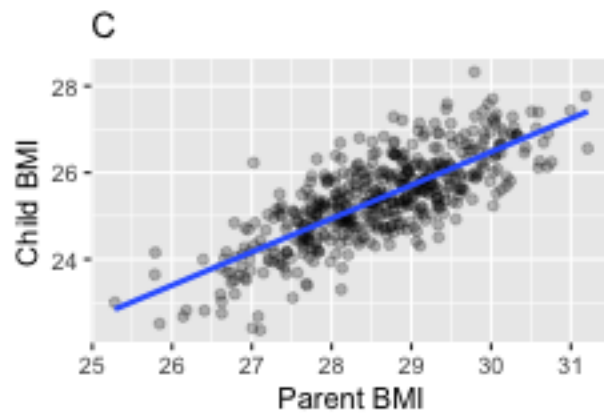
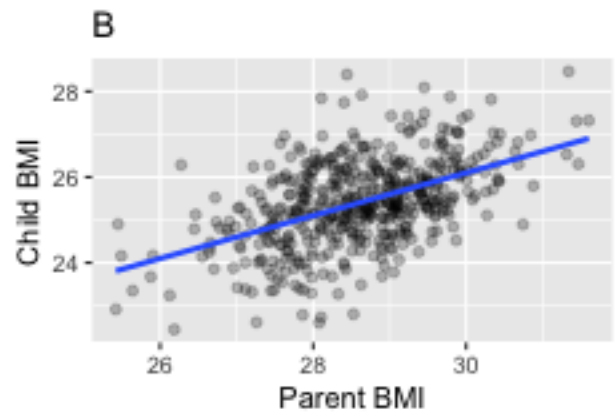
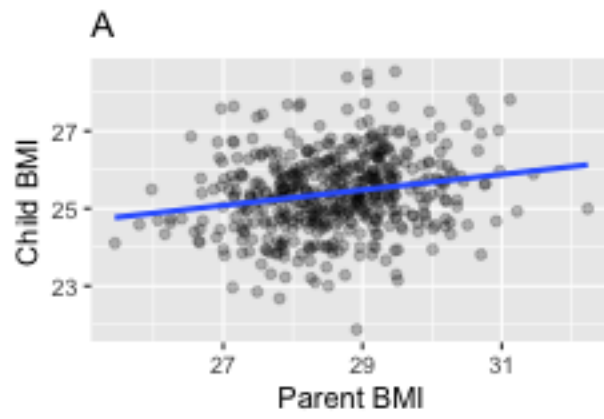
Contents

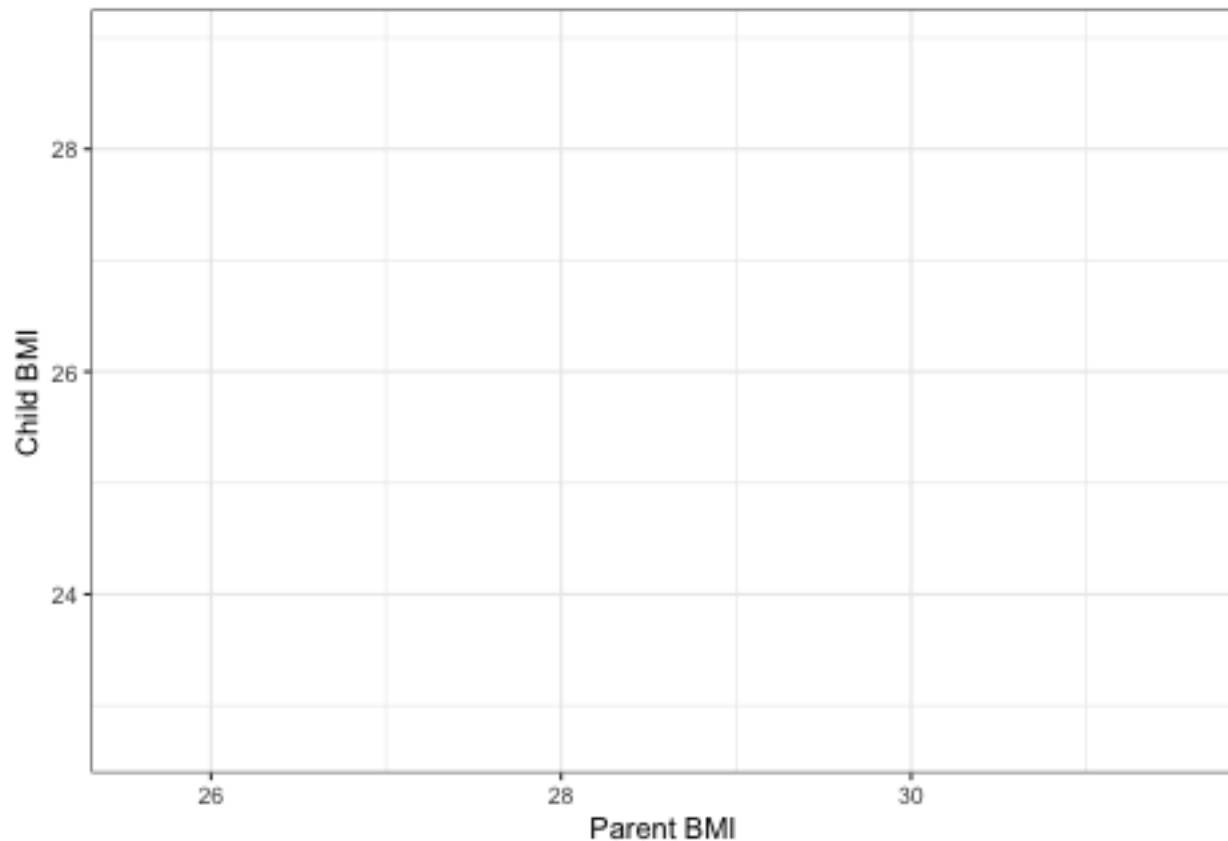
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1 Purpose

Generate plots of a given correlation coefficient







These data can be found in `/Users/davebrid/Documents/GitHub/TeachingLectures/Michigan/PUBLHLTH403/`
 This script was most recently updated on **Thu Sep 6 11:33:50 2018**.

2 Session Information

```
sessionInfo()
```

```
## R version 3.5.0 (2018-04-23)
## Platform: x86_64-apple-darwin15.6.0 (64-bit)
## Running under: macOS High Sierra 10.13.6
##
## Matrix products: default
## BLAS: /Library/Frameworks/R.framework/Versions/3.5/Resources/lib/libRblas.0.dylib
## LAPACK: /Library/Frameworks/R.framework/Versions/3.5/Resources/lib/libRlapack.dylib
##
## locale:
## [1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US.UTF-8
##
## attached base packages:
## [1] stats      graphics  grDevices  utils      datasets  methods    base
##
## other attached packages:
## [1] gridExtra_2.3 ggplot2_3.0.0 MASS_7.3-50  dplyr_0.7.6  tidyr_0.8.1
## [6] knitr_1.20
```

```
##
## loaded via a namespace (and not attached):
## [1] Rcpp_0.12.18      bindr_0.1.1      magrittr_1.5      munsell_0.5.0
## [5] tidyselect_0.2.4  colorspace_1.3-2 R6_2.2.2          rlang_0.2.2
## [9] plyr_1.8.4        stringr_1.3.1    tools_3.5.0       grid_3.5.0
## [13] gtable_0.2.0      withr_2.1.2      htmltools_0.3.6   lazyeval_0.2.1
## [17] yaml_2.2.0        rprojroot_1.3-2  digest_0.6.16     assertthat_0.2.0
## [21] tibble_1.4.2      crayon_1.3.4     bindrcpp_0.2.2    purrr_0.2.5
## [25] glue_1.3.0        evaluate_0.11    rmarkdown_1.10    labeling_0.3
## [29] stringi_1.2.4     compiler_3.5.0   pillar_1.3.0      scales_1.0.0
## [33] backports_1.1.2   pkgconfig_2.0.2
```