

SUPPLEMENTAL MATERIAL

Appendix 1. Codes for LDL-C testing and classifications of statin intensity

Code	Type	Description
80061	CPT	Lipid panel
83721	CPT	LDL direct
82465	CPT	Cholesterol serum or whole blood total
3011F	CPT	Lipid panel results documented and reviewed
3278F	CPT	Lipid profile ordered
G8593	HCPCS	Lipid profile results documented and reviewed
G8595	HCPCS	Recent LDL <100
G8597	HCPCS	Recent LDL >100
G8725	HCPCS	Fasting lipid profile performed
G8767	HCPCS	Lipid panel results documented and reviewed
G8893	HCPCS	LDL not under control
G8890	HCPCS	LDL under control

Statin Class Name	High (mg)	Moderate (mg)	Low (mg)
Atorvastatin	40-80	10-20	NA
Rosuvastatin	20-40	5-10	NA
Simvastatin	80*	20-40	5-10
Pravastatin	NA	≥40	<40
Lovastatin	NA	≥40	<40
Fluvastatin XL	NA	80	20-40
Fluvastatin	NA	40 BID	20-40
Pitavastatin	NA	≥2	<2

* Simvastatin 80mg was included as a high-intensity statin due to use in the study population prior to the 2011 warning.

Appendix 2. R packages used in analysis

Package Name	Version	Source
BH	1.69.0-1	CRAN
DBI	1.0.0	CRAN
DT	0.5	CRAN
DiagrammeR	1.0.0	CRAN
Formula	1.2-3	CRAN
Hmisc	4.2-0	CRAN
MatrixModels	0.4-1	CRAN
R6	2.4.0	CRAN
RColorBrewer	1.1-2	CRAN
Rcpp	1.0.0	CRAN
Rook	1.1-1	CRAN
SparseM	1.77	CRAN
TH.data	1.0-10	CRAN
XML	3.98-1.17	CRAN
acepack	1.4.1	CRAN
askpass	1.1	CRAN
assertthat	0.2.0	CRAN
aws.s3	0.3.12	CRAN
aws.signature	0.4.4	CRAN
backports	1.1.3	CRAN
base64enc	0.1-3	CRAN
brew	1.0-6	CRAN
broom	0.5.1	CRAN
checkmate	1.9.1	CRAN
cli	1.0.1	CRAN
clipr	0.5.0	CRAN
cohort	0.4.6	cran.novisci.com
colorspace	1.4-0	CRAN
config	0.3	CRAN
confluenceR	0.3.0	cran.novisci.com
crayon	1.3.4	CRAN
crosstalk	1.0.0	CRAN
curl	3.3	CRAN
data.table	1.12.0	CRAN
data.tree	0.7.8	CRAN
dbplyr	1.3.0	CRAN
digest	0.6.18	CRAN
doMC	1.3.5	CRAN
downloader	0.4	CRAN
dplyr	0.8.0.1	CRAN
ellipsis	0.1.0	CRAN
evaluate	0.13	CRAN
fansi	0.4.0	CRAN
flextable	0.5.1	CRAN
forcats	0.4.0	CRAN
foreach	1.4.4	CRAN

forge	0.1.0	CRAN
furrr	0.1.0	CRAN
future	1.11.1.1	CRAN
gdtools	0.1.7	CRAN
generics	0.0.2	CRAN
getPass	0.2-2	CRAN
ggplot2	3.1.0	CRAN
glmnet	2.0-16	CRAN
globals	0.12.4	CRAN
glue	1.3.0	CRAN
gridExtra	2.3	CRAN
gtable	0.2.0	CRAN
highr	0.7	CRAN
hms	0.4.2	CRAN
htmlTable	1.13.1	CRAN
htmltools	0.3.6	CRAN
htmlwidgets	1.3	CRAN
httpuv	1.4.5.1	CRAN
httr	1.4.0	CRAN
igraph	1.2.4	CRAN
influenceR	0.1.0	CRAN
ipwrisk	2.01	cran.novisci.com
iterators	1.0.10	CRAN
jsonlite	1.6	CRAN
knitr	1.21	CRAN
labeling	0.3	CRAN
later	0.8.0	CRAN
latticeExtra	0.6-28	CRAN
lazyeval	0.2.1	CRAN
listenv	0.7.0	CRAN
lubridate	1.7.4	CRAN
magick	2.0	CRAN
magrittr	1.5	CRAN
markdown	0.9	CRAN
mime	0.6	CRAN
multcomp	1.4-10	CRAN
munsell	0.5.0	CRAN
mvtnorm	1.0-10	CRAN
officer	0.3.3	CRAN
openssl	1.2.1	CRAN
packrat	0.5.0	CRAN
pillar	1.3.1	CRAN
pkgconfig	2.0.2	CRAN
plogr	0.2.0	CRAN
plyr	1.8.4	CRAN
polyspline	1.1.14	CRAN
promises	1.0.1	CRAN
pryr	0.1.4	CRAN
purrr	0.3.0	CRAN

quantreg	5.38	CRAN
r2d3	0.2.3	CRAN
rappdirs	0.3.1	CRAN
readr	1.3.1	CRAN
reshape2	1.4.3	CRAN
rgexf	0.15.3	CRAN
rlang	0.3.1	CRAN
rmarkdown	1.11	CRAN
rms	5.1-3	CRAN
rprojroot	1.3-2	CRAN
rstudioapi	0.9.0	CRAN
rvest	0.3.2	CRAN
sandwich	2.5-0	CRAN
scales	1.0.0	CRAN
selectr	0.4-1	CRAN
shiny	1.2.0	CRAN
slackr	1.4.2	CRAN
sourcetools	0.1.7	CRAN
sparklyr	0.9.4	CRAN
stringi	1.3.1	CRAN
stringr	1.4.0	CRAN
sys	2.1	CRAN
tibble	2.0.1	CRAN
tidyr	0.8.2	CRAN
tidyselect	0.2.5	CRAN
tinytex	0.10	CRAN
utf8	1.1.4	CRAN
uuid	0.1-2	CRAN
viridis	0.5.1	CRAN
viridisLite	0.3.0	CRAN
visNetwork	2.0.5	CRAN
withr	2.1.2	CRAN
xfun	0.4	CRAN
xml2	1.2.0	CRAN
xtable	1.8-3	CRAN
yaml	2.2.0	CRAN
zip	2.0.1	CRAN
zoo	1.8-4	CRAN

Appendix 3. Complete study report

The complete study report is accessible at:

<http://docs.novisci.com/trends+in+ldl+testing+2008+2016>