

Citations

Week 1

Dataset is synthetic, so none other than technical references.

[Chads-vasc risk score](#)

[MELD score](#)

[ASCVD+](#)

Week 2

Data: [NHANES I](#) links, [references](#).

[Data in SHAP library](#)

Also used this [notebook](#) by the creator SHAP, Scott Lundberg, as a loose reference when developing the assignment.

Week 3

[Lifelines library](#)

Lifelines is also the source of the dataset. It in turn sources its data from [StatsDirect](#), which takes it from [Arbitrage and Berry](#)

Week 4

[PBC Dataset Dataset](#)

[Cox Model](#)

[Random survival forest](#)

[Harrell C-Index](#)

Week 1

Chads-Vasc score = [https://journal.chestnet.org/article/S0012-3692\(10\)60067-0/fulltext](https://journal.chestnet.org/article/S0012-3692(10)60067-0/fulltext)

MELD score = <https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.21563>

ASCVD+ = <https://www.ahajournals.org/doi/full/10.1161/01.cir.0000437738.63853.7a>

Week 2

NHANES = <https://wwwn.cdc.gov/nchs/nhanes/nhanes1/>

References = <https://wwwn.cdc.gov/nchs/nhanes/nhefs/>

Data in SHAP library = <https://github.com/slundberg/shap>

SHAP notebook =

<https://slundberg.github.io/shap/notebooks/NHANES%20I%20Survival%20Model.html>

Week 3

Lifelines library = <https://lifelines.readthedocs.io/en/latest/>

StatsDirect = https://www.statsdirect.com/help/content/survival_analysis/logrank.htm

Armitage & Berry =

http://www.medicine.mcgill.ca/epidemiology/hanley/c634/lifetables/abm_17.PDF

Week 4

PBC Dataset = <https://www.mayo.edu/research/documents/pbhtml/doc-10027635>

Cox Model = <https://www.jstor.org/stable/2985181?seq=1>

Random Survival Forest = <https://arxiv.org/pdf/0811.1645.pdf>

Harrell's C-Index = <https://pubmed.ncbi.nlm.nih.gov/7069920/>