**WEBLINKS OF SOME TOPICS IN R**

**TOPICS REFERENCES**

BASIC DATA TYPES https://www.tutorialspoint.com/r/r\_data\_types.htm

http://www.statmethods.net/input/datatypes.html

PROGRAMMING https://www.programiz.com/r-programming

https://www.tutorialspoint.com/r/

FUNCTIONS AND PACKAGES https://www.tutorialspoint.com/r/r\_functions.htm

https://www.programiz.com/r-programming/function

http://www.statmethods.net/interface/packages.html

MATHEMATICAL FUNCTIONS CHARACTER FUNCTIONS

http://www.statmethods.net/management/functions.html

https://www.tutorialspoint.com/r/r\_functions.htm

http://www.r-tutor.com/elementary-statistics/numerical- measures

VECTORS, FACTORS AND MATRICES

https://www.tutorialspoint.com/r/r\_vectors.htm https://www.tutorialspoint.com/r/r\_lists.htm https://www.tutorialspoint.com/r/r\_matrices.htm https://www.tutorialspoint.com/r/r\_arrays.htm https://www.tutorialspoint.com/r/r\_factors.htm https://www.tutorialspoint.com/r/r\_data\_frames.htm

DATA INPUT http://www.statmethods.net/input/importingdata.html

MERGING AND INDEXING http://www.statmethods.net/management/merging.html

http://www.statmethods.net/management/sorting.html

SELECTION AND SUBSETTING http://www.statmethods.net/management/subset.html

R DATETIME TIMESTAMPS http://www.cyclismo.org/tutorial/R/time.html

HANDLING MISSING DATA http://www.statmethods.net/input/missingdata.html

CORRELATION http://www.statmethods.net/stats/correlations.html

http://www.r-tutor.com/elementary-statistics/numerical- measures/correlation-coefficient

**TOPICS REFERENCES**

REGRESSION ANALYSIS https://www.tutorialspoint.com/r/r\_linear\_regression.htm

http://www.statmethods.net/stats/regression.html https://www.r-bloggers.com/simple-linear-regression-2/

DPLYR http://genomicsclass.github.io/book/pages/dplyr\_tutorial.html

https://www.r-bloggers.com/data-manipulation-with-dplyr/

PLOTS http://www.statmethods.net/graphs/creating.html

https://www.tutorialspoint.com/r/r\_line\_graphs.htm

QPLOT http://www.statmethods.net/advgraphs/ggplot2.html

GGPLOT2 http://tutorials.iq.harvard.edu/R/Rgraphics/Rgraphics.html

http://www.r-graph-gallery.com/portfolio/ggplot2-package/

https://www.r-bloggers.com/basic-introduction-to-ggplot2/

PLOTLY https://plot.ly/r/

https://plot.ly/r/bar-charts/

https://plot.ly/r/box-plots/