An introduction to R software environment Part 2

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RISIS Winter School

Tools and methods for analysing complex Science, Technology and Innovation (STI) systems: A gentle introduction to Network Science (NS), Spatial Models (SM) and Machine Learning (ML)

ONLINE PLATFORM, February 15-26, 2021

- 1 Basics of programming with R
 - If else statement
 - Loop

Writing own functions

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If else logic

Chunk 1: ""IF statement is true THEN do something"

Chunk 2: ""IF statement is true THEN do something OTHERWISE do something ELSE"

Chunk 3: "A more complex IFELSE statement with ggplot and T-Student test"

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Chunk 1: ""for"

Chunk 2: "repeat"

Chunk 3: "while"

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Two simple functions

Chunk 1: ""From inches to cm"

Chunk 2: "Outliers"

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Comfort break (5 minutes)

Last part (17.05 - 17.30)

■ Grouping and summarizing data: the dplyr package

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