

## D1 — Handling and Visualising Data

### Programming Structures, Roadmap

The topic *Programming Structures* is carried out as e-learning unit through self-study. Questions can be asked during any of the local coaching session. The unit can be found in *Section 5 of Peter Kauf's e-learning course*

<https://mslscommunitycentre.ch/course/view.php?id=35>

The *relevant podcasts for D1*:

- 01 ProblemBasedIntroToControlStructures
- 02 IfCondition
- 03 VectorizedSelection
- 04 SingleForLoop
- 05 ForLoopSelectionIf
- 06 NestedForLoops

We will not cover No. 07.

Exercises can be found in two places. First, in slides accompanying the podcasts *SLIDES ControlStructures*. The relevant exercises are

E2.1, E2.2, E2.3, E2.4, E2.5, E3.1, E3.2, E3.3, E3.4, E3.5, E3.6, E3.7, E3.8

Second, there is a separate exercise sheet *ExSHEET ControlStructures*. The relevant exercises are

1, 2, 3, 4, 5a, 6, 7a & b, 8a & b, 9a

We recommend to distribute the workload over the course period, eg working through one topic per week.