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TUM

Self-Study R Course (SSRC)

Chapter 6: Functions and Loops (and Bootstrap)

Instructions

	Instructions	Resource	Comments
1.	Briefly check out the exercise sheet for chapter 6 to get an impression of what you need to learn/know to solve it.		
2.	Solve Task 1-7 of the exercise sheet.		Download and open the R -Script template that is provided on the SSRC website to insert your solutions in RStudio. Tasks 4-7 are identical to Tasks 4-7 from the Chapter 4 and 5 exercise sheets. To save time, you could copy and paste from the respective solution.
3.	Do the following R Cloud tutorials:	Tutorial: Function Basics Tutorial: How to Write a Function Turorial: Arguments Tutorial: Environments and Scoping Rules	It is not important that you understand every single technical detail in these tutorials, but we think that they are a convenient way to learn the most important things and aspects about writing your own functions in R.
4.	Solve Task 8-13 of the exercise sheet.		Many of the things you need to solve these tasks were taught in chapter 5 of the SSRC.
5.	Watch the following video:	Video: For Loops	
6.	Solve Tasks 14-16 of the exercise sheet.		
7.	Watch the following video.	Video: Bootstrap Basics	
8.	Solve Tasks 17-22 of the exercise sheet.		
9.	Compare your solutions to the sample solution provided on the SSRC website.		