Code Evaluation questionnaire this document aims to provide a guideline how to evaluate (R) code in my course

٠.	Informative naming of the script? □ absolutely □ not really because:							
cri	pt Meta-Information							
2.	Some information is provided at top of the script? □ Yes □ No							
3.	Authors name:							
4.	. Contact details are provided (email, URL, git)? \Box Yes \Box No							
5.	5. Date of development is listed? Yes No							
6.	. Main purpose of the script is explained? — yes — not really because:							
7.	. Needed input is defined (format incl. which information are required, e.g. shp with column of type x and content of y)? \Box yes \Box not really because:							
8.	Output is defined (incl. explanations, format etc.)? \Box yes \Box not really because:							
9.	R version and R packages needed are listed? \Box yes \Box not really because:							
10.	Operating system used is listed or on which one it has been tested? \Box yes \Box no							
11.	Required other software is explained? — yes — not really because:							
12.	Informative header is well formatted? — yes — not really because:							
13.	All necessary details provided?							
	$\hfill\Box$ Yes, I understand its aim and needed input							
	\square No, I need to check the script carefully							
	- v							
14.	□ just some parts are provided. What do you think until now what the output/results will be? Describe it briefly before							
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15.	just some parts are provided. What do you think until now what the output/results will be? Describe it briefly before checking the actual script: ual Code for the Analysis Data import is generic (no full paths, direct import possible)? yes no Well commented? horrible fantastic							
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15. 16. 17.	just some parts are provided. What do you think until now what the output/results will be? Describe it briefly before checking the actual script: Just code for the Analysis							
15. 16. 17. 18.	□ just some parts are provided. What do you think until now what the output/results will be? Describe it briefly before checking the actual script: □ all Code for the Analysis Data import is generic (no full paths, direct import possible)? yes □─□─□ no Well commented? horrible □─□─□─□ fantastic remarks: □──□─□ fantastic Ratio of Comments vs. Code? horrible □─□─□─□ fantastic Easy to read (appropriate indentation and spacing)? horrible □─□─□─□ fantastic							
15. 16. 17. 18. 19.	□ just some parts are provided. What do you think until now what the output/results will be? Describe it briefly before checking the actual script: Just code for the Analysis							

23.	Code follows a logical structure? absolutely not really because:						
24.	Code only includes useful information?						
	Are the variables derived within the code self-explanatory? (e.g. through clear variable names and/or comments)? □ absolutely □ not really because:						
26.	Does the script uses a standard documentation structure/naming convention? □ absolutely □ not really because:						
27.	Script can be run easily on other data sets (generic code)? absolutely not really because:						
	Appropriate use of commands - no unnecessary complex code snippets? absolutely not really because:						
	(If a function) is provided: are example code/data provided/explained? — absolutely — not really because:						
30a.	. Does the code minimize the storage of data (e.g. removal of unused variables)?) \Box yes \Box no						
31a.	Does the code minimize the use of RAM? (e.g. appropriate subsetting, no re-reading data)?) \Box yes \Box no						
32a.	Data handling and transformation is coherent and well commented? yes —————— no						
33.	Novel code not covered in the course is used? a lot $\Box - \Box - \Box - \Box$ just known commands						
34a.	. The script triggered interest and you learned new things? yes, a lot $\square \square \square$ no, not a bit						
4b.	Please describe what was special/interesting:						
36.	Script is fast (based on performance measures) yes ———————————————————————————————————						
36.	The code can be executed without any fixes?						
36. 86b.	The code can be executed without any fixes?						
36. 36b.	The code can be executed without any fixes? absolutely not really because: Which parts should be improved?						
36. 86b.	The code can be executed without any fixes? absolutely not really because: Which parts should be improved?						
36. 6b.	The code can be executed without any fixes? absolutely not really because:						
36. 6b.	The code can be executed without any fixes? absolutely not really because: Which parts should be improved?						
36. 6b. 6b.	The code can be executed without any fixes? absolutely not really because: Which parts should be improved? What is missing? bhs and Maps						
36. 6b. 6b.	The code can be executed without any fixes? absolutely						
36. 6b. 6b. 5raj 37.	The code can be executed without any fixes? absolutely not really because: Which parts should be improved?						
36. 6b. 6b. 37. 38.	The code can be executed without any fixes? absolutely not really because:						
36. 6b. 6b. 37. 38. 39. 40.	The code can be executed without any fixes? absolutely not really because:						
36. 6b. 6b. 37. 38. 39. 40.	The code can be executed without any fixes? absolutely not really because: Which parts should be improved?						
36. 36b. 37. 37. 38. 39. 40. 41. 42.	The code can be executed without any fixes? absolutely not really because: Which parts should be improved?						
36. 36b. 36b. 37. 38. 39. 40. 41. 42. 43.	The code can be executed without any fixes? absolutely not really because:						

Overall Impression

Pleas	se evaluate the f	ollowing parts					
46.	Readability	horrible $\Box -\Box -\Box -\Box$	-□—□ fantastic				
47.	Information	horrible $\Box -\Box -\Box -$	-□□ fantastic				
48.	Aim	horrible $\Box -\Box -\Box -\Box$	-□—□ fantastic				
49.	Do you think it qualifies for being scientifically reproducible?						
	\square yes						
	□ no						
	\square needs some i	more work					
	□ details:						
50.	Is the script re	eally worth the effort?	\square Yes, totally.	$\hfill\Box$ Probably not.	□ Don't know.		
51.	Would you be interested to use this script for your analysis?						
				□ yes, woul	d love to		
					I just can't figure it		
				out. So s □ ves, defir	orry. iitely parts of it.		
52	Please describ	e your impression.		□ yes, dem	ntery parts of it.		
02.	Tiedse deserra	e your impression.					
53.	When you check your anticipated results/output (Q 14) at the beginning - where you expectations met? and if no, why not:						
54.	. What do you especially like about this script:						
55.	What do you especially <u>dislike</u> about this script:						
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