Group Assignments

Name	Proposal Title
Adrian Finke	Neighborhood effects and housing vouchers
Andreas Koundouros	Trees, Forests and the Classi cation Problem: Simulations & an Application to Redistribution Preferences
Anne Rebecca Ringborg	On Bitcoin Prices: Using Random Forests and Macroeconomic Variables to Determine Bitco Direction
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Franziska Harpenau	heterogenous treatment effects lasso causal forest
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03.05.22	1	5	13		
Comments:	Nice derivation of the likelihood function, did the job well, nice presentation, interpretation of the results mechanical, some things could be better reasoned, very nice simulation set-up.	Alone, nice code, derivation of the likelihood, nice explanation, very nice, paedagogical explanations and help. Sharing tips, explanations were nice. Uncertainty was missing:	Derivation of the likelihood functions, nice uncertainty visualization, well-executed code, really well-done, nice explanations,		
Grade					
10.05.22	2	6	14		
Dear Group ,	Nice set up for the presentation, nice explanation of the data generating process, estimation set up good presentation and explanation of the results. Nice thoughts on the simulation study. Code, nice plots, some small problems with the presentation of the codes, good to show the distributions, think about the plot takeaway.	Ok set up, nice introduction, also some problems with the set up and explanations, plots and tables. not ideal for communication, but very nice effort.	very nice data visualizations, some small mistakes, but really good motivation of the simulation study.		
	4	7	15	22	
Thanks a lot for your problem set presentation! I have a few comments that we also already discussed in class:	Nice set up and motivation for the set up, good to first plot the function also good to show the original points. Very good visualizations. Good choice of coverage points. Good illustration of the basic intuition, some smaller minus points on the motivation for the changes. Grade 1.3	Good set up, presentation could be a bit better, some more error prone coding, did not really understand all the plots. Mistakes in the coverage probability, motivation for the simulation study is not perfectly thought through. Grade 2.0	Nice set-up, some different coverages, some problems in the simulations, overall nicely explained, could have a better motivation for the simulation study. Grade: 1.7	Nice set up, good percentile bootstrap, also trying to fit y instead of the systematic part. Good choice of the points (well motivated), also slightly lacking in the theoretical motivation for the simulation sample size. Grade: 1.7	
24.05.22	8	16	25	26	
	Good data generating process, nice plots, good explanations, good simulation set up, nicely explanations of the method. Good motivation for the set-up, some issues with the time unfortunately. Grade: 1.3	Nice set-up, could have worked with some functions to generate the data would have been more convenient, motivation for the simulation study was good but could have been more developed. 1.7	Good beginning, some visualizations not as helpful, nice to compare with the built in function, some confusion about, nice visualization of the optimal lambda, goo motivation of the simulation study,	Some appropriate functions, fun interactive visualization, effective graphs,	
31.05.22	9	17	24	27	
	Presentation in the JP, principal components using in-build function, not a lot of explanations. Good set-up for the simulation study, ok visualizations, all boxes ticked, nice simulation ideas for the simulation study, good execution. 1.7	Good set up function for the dgp, good visualizations, good simulation study set-up, nice simulation of the sparsity component, nice ideas for the simulations and well-written functions for the simulations, well-suited to the problem and nice ideas. 1.3	Good visualization of the original observations and dgp functions.good explanations of the eigenvector derivation, good set up for the simulations study, with sparsity, good visualization, really good motivation for the simulation changes. 1.0	also made a dgp function, manually implemented the eigenvalue, nice visualizations, some odd things going on in the pcr version of the simulation study with lambda was not correct, second part of simulation study motivation was much better. Grade: 2.0	
21.06.22	21	18	10		
	Data generating function a it weird, could have been better presented. Good motivation for the simulation study, good simulation representation, good plots, appropriate functions, good explanations and plots for pruning. Grade: 1.3	Nice presentation, no error term in the y: where does the noise come from? Good explanations of the process. Good idea comparing to lasso and ridge regression. Could have improved in the visualization. Good dgp for the linear model. Results were somewhat puzzling, but maybe I misunderstood something? Grade: 2.0	Plots, but not very informative, set up and explanations ok. No simulation study, only one generation of the DGP. The visualizations could have been improved. Grade: 2.3		
28.06.22	3	20	11		
	alone, good dgp, some weird things going on with the pruning, some explanations could have been a bit more content, programming was good, last question missing. 2.0	Good presentation set-up, nice visualizations in the beginning, not all output would have been needed (could have been summarized in a different way). Last question missing/ misunderstood, motivation in some parts were lacking. 2.0	Very nice data generating process, nice motivation, very good presentation, good explanations for the methods. Nice explanation of boosting. Nice visualization of for the test error depending on the number of trees. 1.0		
05.07.22	19	12	27		
No Lectures and Problem Sets: First two weeks of June.		Simulation Set up: very good, makes a lot of sense. Very nice presentation. Good explanation of the unconfoundedness, good explanation of the code. Good explanation of the causal forest procedure. Some strange results, the set up could have been better chose, especially in light of the results. However: difficult situation well managed. 1.3-1.7	NIce that you prepared the theory. Good framing of the study. Nice simulation set up, thought about the actual variables. Question two the data generating process could have been better presented (a plot). Correct results, 1.7		