

Undervisningsplan/pensumliste for: **Metode II – forår 2025**

Undervisningsplan:

BS = Bogkapitel tilgængelig via Brightspace.

E-BOG = Tilgængelig via AU LIBRARY.

AUL = Teksten kan downloades og printes via AU LIBRARY.

BOG = Teksten forefindes i en bog

<i>TIME</i>	<i>EMNE</i>	<i>FORELÆSNING</i>	<i>Antal sider</i>	<i>HOLDTIME</i>
1. Uge 5	Introduktion (MT)	Imai pp. 32-48 (BOG) A&P pp. xi-xiii, 1-11 (BS) Læs evt. Imai kap. 1	17 14	
2. Uge 6	Eksperimenter og intern validitet (MT)	A&P pp. 12-33 (BS) Imai pp. 48-54 (BOG) Enos pp. 3699-3701 (indtil Results, 2. spalte midt) (AUL) Gerber et al. pp. 33-38 + Appendix A (AUL)	22 7 3 10	
3. Uge 7	Eksperimenter og eksternt validitet Andre emner: Beskrivende statistik (KF)	Mutz (E-BOG via AUL) Kane & Barabas (AUL) Imai kap. 3.1-3.3 + 3.6-3.6.2 Hermansen pp. 78-81 ("Grafiske alternativer")	26 16 23 4	
Introduktion til regression				
4. Uge 8	Simpel lineær regression (KF)	Imai kap. 4.2 (BOG) Hermansen kap. 7 (BOG)	23 15	Skriveøv. 1
5. Uge 9	Multipel lineær regression Andre emner: Dummyregression (KF)	Imai pp. 161-170 (BOG) Hermansen pp. 137-144 (BOG) Gerber et al. pp. 38-42 (AUL)	10 8 5	
Statistisk inferens i regression				
6. Uge 10	Grundprincipperne i statistisk inferens	A&F pp. 73-99 (BS) Imai pp. 277-278 (afsnit 6.3 og 6.3.1) og pp. 286-292 og pp. 300-306 (BOG)	27 16	

7 Uge 11	Inferens for gennemsnit og forskelle mellem gennemsnit	Imai pp. 314-363 (BOG) Gerber et al. pp. 38-42 (AUL) Enos pp. 3701-3703 (AUL)	50 5 3	
8 Uge 12	Inferens fra regression (KF)	Imai kap 7.3-7.4 Genlæs Hermansen kap. 7 og 137-144 + læs 144-145 (BOG)	21 2	Skriveøv. 2
Videregående emner inden for regression				
9 Uge 13	Regression med kategoriske afhængige variable (MT)	S&W pp. 392-415 (BS) Hermansen 197-198	24 2	
10 Uge 14	Non-lineariteter og post-treatment-bias (KF)	Hermansen pp. 153-163 (BOG) Montgomery et al. (AUL)	11 16	
11 Uge 15	Interaktion (MT)	Imai pp 170-176 (BOG) Hermansen 145-153 (BOG) Hainmueller et al. (2019)	7 9 30	Skriveøv. 3
Påske				
Ingen undervisning				
Regression med paneldata og hierarkisk data				
12 Uge 18	Difference-in-Differences (MT)	Imai pp. 60-63 (BOG) A&P pp. 178-191 (BS) Enos, genlæs (AUL) Blom-Hansen et al. (AUL)	4 14 - 14	Skriveøv. 4
13 Uge 19	Fixed effects regression med paneldata og hierarkisk data (KF)	S&W pp. 361-382 Madsen & Junge, pp. 1-15 (BS)	11 22 15	
Tværgående emner				
14 Uge 20	Statistisk power og replikationskrisen (KF)	Imai kap 7.2.6 (pp. 363-370) Simmons (AUL) Clifford et al. (AUL)	8 8 18	Prøveeksamen
15 Uge 21	Opsamling (MT & KF)			<i>Ingen holdtime</i>
er der frist for endelig aflevering af skriveøvelser til eksamen.				

Pensumliste:

Bøger:

Imai, K. (2018). *Quantitative Social Science: An Introduction*. Princeton University Press.

Hermansen, S.S.L (2023). *R i Praksis*. Djøfs Forlag

Online-materiale/AU Library:

Blom-Hansen, J., Houlberg, K., Serritzlew, S. (2014). Size, democracy, and the economic costs of running the political system. *American Journal of Political Science*, 58(4), 790-803.

Clifford S., Sheagley G., Piston S. (2021). Increasing Precision without Altering Treatment Effects: Repeated Measures Designs in Survey Experiments. *American Political Science Review*. 115(3), 1048-1065

Enos, R.D. (2014). Causal effect of intergroup contact on exclusionary attitudes. *Proceedings of the National Academy of Sciences*, 111(10), 3699-3704.

Gerber, A. S., Green, D. P., Larimer, C. W. (2008). Social pressure and voter turnout: Evidence from a large-scale field experiment. *American Political Science Review*, 102(1), 33-48.

Hainmueller, J., Mummolo, J., Xu, Y. (2019). How much should we trust estimates from multiplicative interaction models? Simple tools to improve empirical practice. *Political Analysis*, 27(2), 163-192.

Kane, J.V., Barabas, J. (2019), No Harm in Checking: Using Factual Manipulation Checks to Assess Attentiveness in Experiments. *American Journal of Political Science*, 63 (2), 234-249

Madsen, E. B., Junge, S. Y., (2023). Introduktion til grupperet data, pp. 1-15.

(https://pure.au.dk/ws/portalfiles/portal/325743460/introduktion_til_grupperet_data_juni_2023.pdf)

Montgomery, J. M., Nyhan, B., Torres, M. (2018). How Conditioning on Posttreatment Variables Can Ruin Your Experiment and What to Do about It. *American Journal of Political Science*. 62 (3), 760–775

Mutz, D. (2011). *Population-Based Survey Experiments*. Princeton University Press, pp. 131-154. E-bog via [link](#)

Simmons, J., Nelson, L., Simonsohn, U. (2011). False-positive psychology: Undisclosed flexibility in data collection and analysis allow presenting anything as significant. *Psychological Science*. 22, 1359-1366.

Bogkapitler på Brightspace:

A&F: Agresti, A., Finlay, B. (2009). *Statistical Methods for the Social Sciences*, 4. udgave, pp. 73-99.

A&P: Angrist, J. D., Pischke, J. S. (2014). *Mastering 'metrics: The path from cause to effect*. Princeton University Press, pp. xi-xiii, 1-33, 178-191.

S&W: Stock, J.H., Watson, M.W. (2020). *Introduction to Econometrics*, Fourth Global Edition. Pearson, pp. 361-382, 392-415.

Samlet pensumramme: 519 sider