

Biological statistics III

Teachers	Room	Phone	E-mail
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<https://cloud.timeedit.net/su/web/stud1/ri165XQI530Z5QQv07083Zu6yZY740uQ3Y65Y9gQ2015117ZQx0.html>

Date		Time	Room	Content	Teacher
Part 1					
2019-12-05	Thu	10 ⁰⁰ -12 ⁰⁰	P232	Course introduction and Computer demonstration: Using R <i>Bring a laptop if you can!</i>	Tack
		13 ⁰⁰ -15 ³⁰	P232	Lecture 1: Basic concepts; Distributions; Probabilities; Central limit theorem	Tack
2019-12-06	Fri	9 ¹⁵ -12 ⁰⁰	P232	Lecture 2: Parameter estimation; Confidence intervals; Hypothesis testing	Tack
		13 ⁰⁰ -15 ⁰⁰	P232	Computer exercise 1	Schmalensee/Tack
2019-12-09	Mon	9 ¹⁵ -12 ⁰⁰	D502	Lecture 3: Covariance and correlation; Linear regression	Tack
		13 ⁰⁰ -14 ⁰⁰	P232	Intermezzo: R Markdown	Fogelström
		14 ⁰⁰ -16 ⁰⁰	P232	Computer exercise 2	Schmalensee
2019-12-10	Tue	9 ¹⁵ -12 ⁰⁰	P232	Lecture 4: Multiple regression <i>(Test exercise distribution)</i>	Liedholm
2019-12-11	Wed	13 ⁰⁰ -15 ⁰⁰	P232	<u>Hand in test exercise 1 at 15:00</u>	Schmalensee
Part 2					
2019-12-12	Thu	9 ¹⁵ -12 ⁰⁰	P232	Lecture 5: ANOVA	Von Schmalensee
		13 ⁰⁰ -15 ⁰⁰	P232	Computer exercise 3	Schmalensee
2019-12-13	Fri	9 ¹⁵ -12 ⁰⁰	P232	Lecture 6: ANCOVA; Transformations; Statistical power	Tack
		13 ⁰⁰ -15 ⁰⁰	P232	Computer exercise 4	Schmalensee
2019-12-16	Mon	9 ¹⁵ -12 ⁰⁰	P232	Lecture 7: Linear models, Mixed models; Nested ANOVA; Variance components	Tack

2019-12-17	Tue	9 ¹⁵ -12 ⁰⁰	D502	Lecture 8: Two-way ANOVA; Blocking (<i>Test exercise distribution</i>)	Tack
2019-12-18	Wed	13 ⁰⁰ -15 ⁰⁰	P224	<i>Hand in test exercise 2 at 15:00</i>	Schmalensee
2019-12-19	Thu	9 ¹⁵ -12 ⁰⁰		Book reading	Tack
2019-12-20	Fri	9 ¹⁵ -12 ⁰⁰		Book reading	Tack

Happy holidays!

Part 3

2020-01-07	Tue	9 ¹⁵ -12 ⁰⁰	P232	Lecture 9: More on linear models; Blocks – fixed or random	Tack
		13 ⁰⁰ -15 ⁰⁰	P232	Computer exercise 5	Schmalensee/Tack
2020-01-08	Wed	9 ¹⁵ -12 ⁰⁰	P232	Lecture 10: Analysis of frequencies, introduction	Tack
		13 ⁰⁰ -15 ⁰⁰	P232	Computer exercise 6	Schmalensee

2020-01-09	Thu	9 ¹⁵ -12 ⁰⁰	P232	Lecture 11: Analysis of frequencies, continued; Generalized linear models (<i>Test exercise distribution</i>)	Tack
2020-01-10	Fri	13 ⁰⁰ -15 ⁰⁰	P232	<i>Hand in test exercise 3 at 15:00</i>	Schmalensee

Part 4

2020-01-13	Mon	10 ⁰⁰ -12 ⁰⁰	P232	Lecture 12: Computer based methods: randomization, bootstrap	Miller
2020-01-14	Tue	10 ⁰⁰ -12 ⁰⁰	P232	Lecture 13: Bayesian statistics, introduction	Low
		13 ⁰⁰ -15 ⁰⁰	P232	Computer exercise 7	Schmalensee
2020-01-15	Wed	10 ⁰⁰ -12 ⁰⁰	P232	Lecture 14: Bayesian statistics, continued	Low
		13 ⁰⁰ -15 ⁰⁰	P232	Computer exercise 8	Schmalensee
2020-01-16	Thu	9 ¹⁵ -12 ⁰⁰	D502	Lecture 15: Experimental design (<i>Test exercise distribution</i>)	Tack
2020-01-17	Fri	12 ⁰⁰ -14 ⁰⁰	D502	<i>Hand in test exercise 4 at 14:00</i>	Schmalensee
		14 ⁰⁰ -16 ⁰⁰	D502	Lecture 16: Summarizing discussion	Tack