

	Universitas Negeri Surabaya S1 Sastra Inggris					Kode Dokumen															
RENCANA PEMBELAJARAN SEMESTER																					
MATA KULIAH (MK)	KODE	Rumpun MK	BOBOT (sks)		SEMESTER	Tgl Penyusunan															
Statistics for Language Studies	7920202282		2			25 Agustus 2026															
OTORISASI	Pengembang RPS		Koordinator RMK		Koordinator Program Studi																
			Dr. Widyastuti, S.S., M.Pd		ALI MUSTOFA																
Deskripsi Singkat MK	This course is an introduction to statistics for language studies that develops and illustrates fundamental ideas in statistics with examples and applications from language. Through the lectures, readings, and assignments you will get experience in applying concepts and using statistical methods to collect, analyze, and interpret data from a diverse set of linguistic sources. These statistical concepts that facilitate linguistic explanation through the analysis of quantitative data will be emphasized in this course. This course uses Problem-based and Project-Based methods of learning.																				
Capaian Pembelajaran (CP)	CPL-PRODI yang dibebankan pada MK																				
	CPL	Mengembangkan pemikiran logis, kritis, sistematis, dan kreatif dalam melakukan pekerjaan yang spesifik di bidang keahliannya serta sesuai dengan standar kompetensi kerja bidang yang bersangkutan																			
	CPL	Mampu mengaplikasikan konsep dan teori Linguistik dasar dalam Bahasa Inggris untuk merespons beragam fenomena bahasa.																			
	Capaian Pembelajaran Mata Kuliah (CPMK)																				
	CPMK-1	Being able to define and explain basic statistical concepts.																			
	CPMK-2	Being able to analyze the frequency distribution of data set of words and to examine the correlation between two language variables																			
	CPMK-3	Being able to communicate statistical results clearly and effectively both in written reports and oral presentations																			
	CPMK-4	Being able to critically evaluate the validity and reliability of statistical analyses in published research article, including identifying potential sources of bias or confounding variables.																			
	Matrik CPL - CPMK																				
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Matrik CPMK pada Kemampuan akhir tiap tahapan belajar (Sub-CPMK)																					

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	1. Baayen, R. H. 2008. Analyzing Linguistic Data: A Practical Introduction to Statistics Using R . 1st ed. New York: Cambridge University Press. ISBN: 9780521709187. Butler, C.S. 2008. Statistics in Linguistics . Oxford: Basil-Blackwell. Stirzaker, D . 2007. Probability and Random Variables: A Beginner's Guide. 1st ed. New York: Cambridge University Press. ISBN: 0521642973. 2. Butler, C.S. 2008.Statistics in Linguistics. Oxford: Basil-Blackwell. 3. Stirzaker, D . 2007.Probability and Random Variables: A Beginner's Guide.1st ed. New York: Cambridge University Press. ISBN: 0521642973..																																																																																																																					
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Mg Ke-	Kemampuan akhir tiap tahapan belajar (Sub-CPMK)	Penilaian		Bentuk Pembelajaran, Metode Pembelajaran, Penugasan Mahasiswa, [Estimasi Waktu]		Materi Pembelajaran		Bobot Penilaian (%)																																																																																																														
		Indikator	Kriteria & Bentuk	Luring (offline)	Daring (online)																																																																																																																	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)																																																																																																															
1	Being able to identify a real-world problem related to language studies that involving statistical skills.	2 out of 4 given key concepts in statistical skills.	unjuk kerja	lecturing			5%																																																																																																															
2	Being able to create reflective notes on student' own problem related to language studies by applying the statistical methods	Answer all 5 questions on reflection	self-awareness, critical thinking, self-regulation and self-management, authenticity & honestly	case-based			5%																																																																																																															
3	Being able to define and explain basic statistical concepts, such as visualization data.	create 2 of 5 types of visualizatio n data	content and organization, visual design, time management, teamwork and collaboration, engagement and interaction	Group Presentation, Class Discussion			5%																																																																																																															
4	Being able to respond to others' presentations in English using an appropriate manner	To create contingency table using Bayes's Theorem	Pencil and paper assignment.	Small group discussion			5%																																																																																																															
5	Being able to respond to others' presentations in English using an appropriate manner	To create contingency table using Bayes's Theorem	Pencil and paper assignment.	Small group discussion			5%																																																																																																															

6	To compute basic descriptive statistics and to plot probability distributions and to explore data graphically in other ways	To measure mean, variance and normal distribution using individual and community variation	Make key-point about distribution	lecturing and Independent study			5%
7	To conduct basic significance tests and explain the meaning of the results	To design dative alternation data	calculate alternation data	Inquiry			5%
8	To conduct basic significance tests and explain the meaning of the results	To design dative alternation data	explain the result of the data	Inquiry			10%
9	Being able to define and explain basic statistical concepts, such as central tendency, variability, correlation, regression, through the process of designing a research question	to use R to provide counts from linguistics data, construct contingency tables, compute basic descriptive statistics, plot probability distributions, and explore data graphically in other ways references critically to conduct basic significance tests and explains the meaning of the results	Show data analysis	Peer-work discussion			5%
10	Being able to design and implement a research project that uses statistical methods to address the identified problem or question	Able to make research question, show the data collection and hypothesis	Make data collection	Peer work Discussion			5%
11	Being able to use Excel as the basic statistical software to analyze and visualize linguistic data by working on a project-based assignment that requires them to use this tool to conduct statistical analysis	Design data samples and analyze it	Make the data and analyze	Peer work Discussion			5%
12	Being able to work collaboratively in small groups to develop and conduct a research project that applies statistical methods to language data	Work collaboratively to analyze the data	Make group try to find article and analyze the data collection and analysis	Peer work Discussion			5%
13	Being able to collect, organize, and analyze linguistic data using Excel	Make a group and analyze articles	Try to identify the data	Group discussion			5%

14	Being able to interpret and communicate statistical results in a clear and meaningful way, both in writing and through oral presentation	Analyze the article about method, data collection, data analysis and results	Analyze aspect of article	Group discussion			3%
15	General Review	Review all material that has been explained before	Explain key-points and recite them	Lecturing Discussion			2%
16	Final Exam	Create articles about quantitative	Create articles with proper method, data collection and data analysis	Individual work			25%

Catatan

1. **Capaian Pembelajaran Lulusan Program Studi (CPL-Prodi)** adalah rumusan kemampuan yang harus dimiliki oleh lulusan program studi yang mencakup sikap, penguasaan pengetahuan, keterampilan umum, dan keterampilan khusus sesuai dengan jenjang kualifikasi, yang diperoleh melalui proses pembelajaran.
2. **CPL-Prodi yang dibebankan pada Mata Kuliah** adalah bagian dari CPL-Prodi yang dipilih dan relevan untuk dikembangkan melalui suatu mata kuliah, sebagai dasar perumusan capaian pembelajaran mata kuliah.
3. **Capaian Pembelajaran Mata Kuliah (CPMK)** adalah kemampuan yang dirumuskan secara spesifik dan diturunkan dari CPL-Prodi yang dibebankan pada mata kuliah, serta menggambarkan kompetensi yang harus dicapai mahasiswa setelah menyelesaikan mata kuliah.
4. **Sub-CPMK** adalah kemampuan akhir yang direncanakan pada setiap tahap pembelajaran, sebagai penjabaran lebih rinci dari CPMK, bersifat terukur dan dapat diamati sesuai dengan materi pembelajaran.
5. **Indikator Penilaian** adalah pernyataan spesifik dan terukur yang digunakan untuk menilai ketercapaian Sub-CPMK, baik dari proses maupun hasil belajar mahasiswa, yang didukung dengan bukti penilaian.
6. **Kriteria Penilaian** adalah tolok ukur yang digunakan untuk menentukan tingkat ketercapaian hasil belajar mahasiswa berdasarkan indikator penilaian, guna menjamin penilaian yang objektif, konsisten, dan adil. Kriteria penilaian dapat bersifat kuantitatif dan/atau kualitatif.
7. **Bentuk Penilaian** meliputi penilaian tes dan non-tes sesuai dengan karakteristik capaian pembelajaran.
8. **Bentuk Pembelajaran** meliputi kuliah, responsi, tutorial, seminar atau bentuk lain yang setara, praktikum, praktik studio, praktik bengkel, praktik lapangan, penelitian, dan pengabdian kepada masyarakat.
9. **Metode Pembelajaran** merupakan cara penyampaian pembelajaran yang digunakan untuk mencapai capaian pembelajaran, antara lain Small Group Discussion, Project Based Learning, Case Based Learning, Collaborative Learning, Discovery Learning, Self-Directed Learning, serta metode lain yang relevan.
10. **Materi Pembelajaran** adalah bahan kajian yang disusun secara sistematis dalam bentuk pokok dan sub-pokok bahasan untuk mendukung pencapaian Sub-CPMK.
11. **Bobot Penilaian** adalah persentase kontribusi setiap komponen penilaian terhadap nilai akhir mata kuliah, yang ditetapkan secara proporsional sesuai tingkat kompleksitas dan ketercapaian Sub-CPMK, dengan total keseluruhan sebesar 100%.
12. TM = Tatap Muka, PT = Penugasan Terstruktur, BM = Belajar Mandiri.