

		Universitas Negeri Surabaya Fakultas Bahasa dan Seni Program Studi S1 Sastra Inggris					Kode Dokumen																																																																																																									
RENCANA PEMBELAJARAN SEMESTER																																																																																																																
MATA KULIAH (MK)		KODE	Rumpun MK		BOBOT (sks)		SEMESTER	Tgl Penyusunan																																																																																																								
Statistics for Language Studies		7920202282			T=2 P=0 ECTS=3.18	4	4 Desember 2025																																																																																																									
OTORISASI		Pengembang RPS		Koordinator RMK		Koordinator Program Studi																																																																																																										
				Dr. Widyastuti, S.S., M.Pd		ALI MUSTOFA																																																																																																										
Model Pembelajaran	Case Study																																																																																																															
Capaian Pembelajaran (CP)	CPL-PRODI yang dibebankan pada MK																																																																																																															
	CPL-3	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-5	Mampu mengaplikasikan konsep dan teori Linguistik dasar dalam Bahasa Inggris untuk merespons beragam fenomena bahasa																																																																																																														
	CPL-9	Mampu memahami dan mengaplikasikan metode penelitian, termasuk desain penelitian, analisis, dan interpretasi data di bidang bahasa/sastra																																																																																																														
	CPL-10	Mampu menghasilkan karya akademik atau non-akademik dengan baik dalam bentuk lisan maupun tulisan untuk beragam audiens dan tujuan																																																																																																														
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	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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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.																																																																																																															
Pustaka	Utama :																																																																																																															

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..							
Pendukung : 1. newspaper/magazines articles 2. Journal 3. website https://stats.oecd.org/							
Dosen Pengampu		Dr. Widyastuti, S.S., M.Pd. Silvy Cinthia Adelia, S.S., M.A.					
Mg Ke-	Kemampuan akhir tiap tahapan belajar (Sub-CPMK)	Penilaian		Bantuan Pembelajaran, Metode Pembelajaran, Penugasan Mahasiswa, [Estimasi Waktu]		Materi Pembelajaran [Pustaka]	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.	Kriteria: unjuk kerja Bentuk Penilaian : Aktifitas Partisipatif	lecturing 2 X 50	lecturing 2 X 50	Materi: The important of statistics Pustaka: Butler, C.S. 2008. Statistics in Linguistics. Oxford: Basil-Blackwell.	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	Kriteria: self-awareness, critical thinking, self-regulation and self-management, authenticity & honesty Bentuk Penilaian : Aktifitas Partisipatif	case-based 2 X 50	case based 2 X 50	Materi: Frequency distribution, measures of central tendency and variability Pustaka: Stirzaker, D. 2007. Probability and Random Variables: A Beginner's Guide. 1st ed. New York: Cambridge University Press. ISBN: 0521642973..	5%
3	Being able to define and explain basic statistical concepts, such as visualization data.	create 2 of 5 types of visualization data	Kriteria: content and organization, visual design, time management, teamwork and collaboration, engagement and interaction Bentuk Penilaian : Aktifitas Partisipatif	Group Presentation, Class Discussion 2 x50		Materi: Basic of statistic Pustaka: Butler, C.S. 2008. Statistics in Linguistics. Oxford: Basil-Blackwell.	5%
4	Being able to respond to others' presentations in English using an appropriate manner	To create contingency table using Bayes's Theorem	Kriteria: Pencil and paper assignment. Bentuk Penilaian : Aktifitas Partisipatif	Small group discussion 2 X 50	accuracy, critical thinking, visual design, slide clarity, and credibly	Materi: Analyze statistic in linguistic Pustaka: Butler, C.S. 2008. Statistics in Linguistics. Oxford: Basil-Blackwell.	5%
5	1. Being able to respond to others' presentations in English using an appropriate manner 2. Precise independent variables and dependent variable	To create contingency table using Bayes's Theorem	Kriteria: Pencil and paper assignment. Bentuk Penilaian : Aktifitas Partisipatif	Small group discussion 2 X 50	accuracy, critical thinking, visual design, slide clarity, and credibly	Materi: ; Pustaka: Butler, C.S. 2008. Statistics in Linguistics. Oxford: Basil-Blackwell. Materi: The Normal Distribution Pustaka:	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	Kriteria: Make key-point about distribution Bentuk Penilaian : Aktifitas Partisipatif	lecturing and Independent study 2 X 50		Materi: Normal distribution Pustaka: <i>Stirzaker, D . 2007. Probability and Random Variables: A Beginner's Guide. 1st ed. New York: Cambridge University Press. ISBN: 0521642973..</i> Materi: Probability in statistic Pustaka: <i>Stirzaker, D . 2007. Probability and Random Variables: A Beginner's Guide. 1st ed. New York: Cambridge University Press. ISBN: 0521642973..</i>	5%
7	To conduct basic significance tests and explain the meaning of the results	To design dative alternation data	Kriteria: calculate alternation data Bentuk Penilaian : Aktifitas Partisipatif	Inquiry 2 X 50		Materi: data alternatives Pustaka: <i>newspaper/magazines articles</i>	5%
8	To conduct basic significance tests and explain the meaning of the results	To design dative alternation data	Kriteria: explain the result of the data Bentuk Penilaian : Praktik / Unjuk Kerja, Tes	Inquiry 2 X 50		Materi: analyze the sample data Pustaka: <i>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.</i>	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	Kriteria: Show data analysis Bentuk Penilaian : Aktifitas Partisipatif	Peer-work discussion 2 X 50		Materi: Probability and random samples Pustaka: <i>Stirzaker, D . 2007. Probability and Random Variables: A Beginner's Guide. 1st ed. New York: Cambridge University Press. ISBN: 0521642973..</i>	5%

10	1. Being able to design and implement a research project that uses statistical methods to address the identified problem or question 2. Being able to collect, organize, and analyze linguistic data using Excel 3. Being able to interpret and communicate statistical results in a clear and meaningful way, both in writing and through oral presentation	Able to make research question, show the data collection and hypothesis	Kriteria: Make data collection Bentuk Penilaian : Aktifitas Partisipatif, Praktik / Unjuk Kerja	Peer work Discussion 2 X 50		Materi: Data collection Pustaka: <i>Stirzaker, D . 2007. Probability and Random Variables: A Beginner's Guide. 1st ed. New York: Cambridge University Press. ISBN: 0521642973..</i>	5%
11	1. 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 2. Being able to identify common sources of error or bias in statistical analyses and explain how to address these issue, through the process of working on a project that applies statistical methods to language data.	Design data samples and analyze it	Kriteria: Make the data and analyze Bentuk Penilaian : Aktifitas Partisipatif	Peer work Discussion 2 X 50		Materi: Data analysis Pustaka: <i>Butler, C.S. 2008. Statistics in Linguistics. Oxford: Basil-Blackwell.</i>	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	Kriteria: Make group try to find article and analyze the data collection and analysis Bentuk Penilaian : Aktifitas Partisipatif	Peer work Discussion 2 X 50		Materi: Analyze articles Pustaka: <i>Journal</i>	5%
13	Being able to collect, organize, and analyze linguistic data using Excel	Make a group and analyze articles	Kriteria: Try to identify the data Bentuk Penilaian : Aktifitas Partisipatif	Group discussion 2 X 50		Materi: Articles Pustaka: <i>Journal</i>	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	Kriteria: Analyze aspect of article Bentuk Penilaian : Aktifitas Partisipatif	Group discussion 2 X 50		Materi: Articles Pustaka: <i>Butler, C.S. 2008. Statistics in Linguistics. Oxford: Basil-Blackwell.</i>	3%

15	General Review	Review all material that has been explained before	Kriteria: Explain key-points and recite them Bentuk Penilaian : Aktifitas Partisipasi	Lecturing Discussion 2 X 50		Materi: General review Pustaka: Baayen, R. H. 2008. <i>Analyzing Linguistic Data: A Practical Introduction to Statistics Using R</i> . 1st ed. New York: Cambridge University Press, ISBN: 9780521709187. Butler, C.S. 2008. <i>Statistics in Linguistics</i> . Oxford: Basil-Blackwell. Stirzaker, D. 2007. <i>Probability and Random Variables: A Beginner's Guide</i> . 1st ed. New York: Cambridge University Press. ISBN: 0521642973.	2%
16	Final Exam	Create articles about quantitative	Kriteria: Create articles with proper method, data collection and data analysis Bentuk Penilaian : Praktik / Unjuk Kerja	Individual work 2 X 50		Materi: Final Exam Pustaka: <i>Journal</i>	25%

Rekap Persentase Evaluasi : Case Study

No	Evaluasi	Persentase
1.	Aktifitas Partisipasi	62.5%
2.	Praktik / Unjuk Kerja	32.5%
3.	Tes	5%
		100%

Catatan

- Capaian Pembelajaran Lulusan Prodi (CPL - Prodi)** adalah kemampuan yang dimiliki oleh setiap lulusan prodi yang merupakan internalisasi dari sikap, penguasaan pengetahuan dan ketrampilan sesuai dengan jenjang prodinya yang diperoleh melalui proses pembelajaran.
- CPL yang dibebankan pada mata kuliah** adalah beberapa capaian pembelajaran lulusan program studi (CPL-Prodi) yang digunakan untuk pembentukan/pengembangan sebuah mata kuliah yang terdiri dari aspek sikap, ketrampilan umum, ketrampilan khusus dan pengetahuan.
- CP Mata kuliah (CPMK)** adalah kemampuan yang dijabarkan secara spesifik dari CPL yang dibebankan pada mata kuliah, dan bersifat spesifik terhadap bahan kajian atau materi pembelajaran mata kuliah tersebut.
- Sub-CPMK Mata kuliah (Sub-CPMK)** adalah kemampuan yang dijabarkan secara spesifik dari CPMK yang dapat diukur atau diamati dan merupakan kemampuan akhir yang direncanakan pada tiap tahap pembelajaran, dan bersifat spesifik terhadap materi pembelajaran mata kuliah tersebut.
- Indikator penilaian** kemampuan dalam proses maupun hasil belajar mahasiswa adalah pernyataan spesifik dan terukur yang mengidentifikasi kemampuan atau kinerja hasil belajar mahasiswa yang disertai bukti-bukti.
- Kreteria Penilaian** adalah patokan yang digunakan sebagai ukuran atau tolok ukur ketercapaian pembelajaran dalam penilaian berdasarkan indikator-indikator yang telah ditetapkan. Kreteria penilaian merupakan pedoman bagi penilai agar penilaian konsisten dan tidak bias. Kreteria dapat berupa kuantitatif ataupun kualitatif.
- Bentuk penilaian:** tes dan non-tes.
- Bentuk pembelajaran:** Kuliah, Responsi, Tutorial, Seminar atau yang setara, Praktikum, Praktik Studio, Praktik Bengkel, Praktik Lapangan, Penelitian, Pengabdian Kepada Masyarakat dan/atau bentuk pembelajaran lain yang setara.
- Metode Pembelajaran:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, dan metode lainnya yg setara.
- Materi Pembelajaran** adalah rincian atau uraian dari bahan kajian yg dapat disajikan dalam bentuk beberapa pokok dan sub-pokok bahasan.
- Bobot penilaian** adalah prosentasi penilaian terhadap setiap pencapaian sub-CPMK yang besarnya proposional dengan tingkat kesulitan pencapaian sub-CPMK tsb., dan totalnya 100%.
- TM=Tatap Muka, PT=Penugasan terstruktur, BM=Belajar mandiri.

Koordinator Program Studi S1
Sastra Inggris



ALI MUSTOFA
NIDN 0014067509

UPM Program Studi S1 Sastra
Inggris



NIDN 0023069001

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