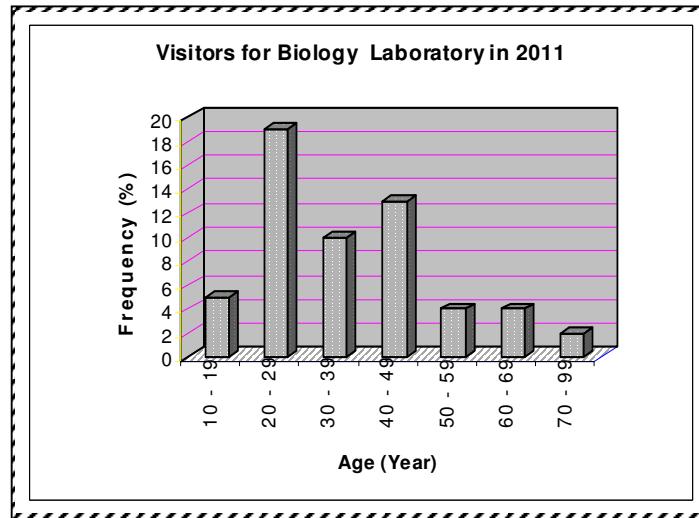


Guideline for Exercise

Biometry

Statistics for Student of Biology Education Department
(First Revision)



Prepared by
Dr. Paidi, M.Si

Biology Education Department
FACULTY OF MATHEMATICS AND SCIENCE
State University of Yogyakarta
February, 2012

Contents

Topics	Pg
Title/Cover	i
.....	
Contents	ii
.....	
Descriptive Statistics using MS-Excel (Part 1)	1
.....	
Descriptive Statistics using MS-Excel (Part 2)	6
.....	
Descriptive Statistics using SPSS	11
.....	
Test of Normality For Data's Distribution	15
.....	
Test of Variances Homogeneity/Equality	20
.....	
Parametric Inferential Statistics (Part-1)	24
.....	
Parametric Inferential Statistics (Part-2)	32
.....	
Statistika Inferensial Parametrik (Part-3)	36
.....	
Linear Regression and Simple Parametric Correlation	42
.....	
Non-parametric Statistics.....	Inferential 51
.....	
References	61
.....	