Agri Analyze is an online platform for performing analysis of design of experiments, genetics and plant breeding, regression analysis and other statistical analysis. This cheat sheet will help researcher to perform online data analysis related to design of experiments. The sheet contains link to online tool for data analysis, YouTube tutorial, dataset and output file.

(part of subscription)

Design of Experiment	Agri Analyze	Tutorial	Data set	Output file
CRD Design				
One Factor	link	link	link	link
Two Factor	link	link	link	link
Three Factor	link	link	link	link
One Factor Combined over year/locations	link	link	link	link
Two Factor Combined over years/locations	link	link	link	link
RCBD Design				
One Factor	link	link	link	link
Two Factor	link	link	link	link
Three Factor	link	link	link	link
One Factor Combined over year/locations	link	link	link	link
Two Factor Combined over years/locations	link	link	link	link
Split Plot Design				
Simple Split Design	link	link	link	link
Split (1,2) Design	link	link	link	link
Split (2,1) Design	link	link	link	link
Split CRD Design	link	link	link	link
Split-Split Plot Design	link	link	link	link
Split Combined over locations/year	link	link	link	link
Latin Square Design	link	link	link	link
Strip Plot Design	link	link	link	link
Data Transformation				
Square Root	Transformation Sheet			
Arc Sine	Transformation Sheet			
Logarithm	Transformation Sheet			

Genetics and Plant Breeding Analysis	Agri Analyze	Tutorial	Data set	Output file
Genotypic Correlation	link	link	link	link
Phenotypic Correlation	link	link	link	link
Genotypic Path Analysis	link	link	link	link
Phenotypic Path Analysis	link	link	link	link
Cluster Analysis using Torcher's Method	link	link	link	link
Genetic Parameter Estimation (GPV, PCV, ECV, Heritability, Genetic Advance)	link	link	link	link
Diallel Analysis Method II (Without Check)	link	link	link	link
Diallel Analysis Method II (With Check)	link	link	link	link
Line x Tester Analysis	link	link	link	link
Principal Component Analysis	link	link	link	link
Augmented RCBD Analysis	link	link	link	link
Augmented RCBD Layout	link	link	link	link
Stability Analysis (Eberhart & Russell Model)	link	link	link	link
Correlation Analysis				
Pearson Correlation	link	link	link	link
Spearman Rank Correlation	link	link	link	link
Regression Analysis	link	link	link	link
Hypothesis Testing				
One Sample t test	link	link	link	link
Two Sample t test	link	link	link	link
Paired t test	link	link	link	link
F test	link	link	link	link
Normality Testing	link	link	link	link
Multivariate Analysis				
Principal Component Analysis	link	link	link	link
Path Analysis	link	link	link	link

Excel Tool (Not a part of subscription)

Excel Tool	Agri Analyze	Tutorial	Sample File
	CRD Design		
One Factor CRD	link	link	link
Two Factor CRD	link	link	link
Three Factor CRD	link	link	link
	RCBD Design		
One Factor RCBD	link	link	link
Two Factor RCBD	link	link	link
Three Factor RCBD	link	link	link
	Split Plot Design		
Simple Split Design	link	link	link
Split (1,2) Design	link	link	link
Split (2,1) Design	link	link	link
Strip Plot Design	link	link	link
Genetic Parameter Estimation	link	link	link

Connect with us on different platforms to stay updated about new analysis.

AGRI ANALYZE
4,000+ Registered Scholars | 55,000+ Reports Generated
Users spread across 53 Universities & 13 different countries
42 Analytical Solutions | 4.9 Google Rating (257 Reviews) | 22 Citations