

GfÖ (The Ecological Society of Germany, Austria and Switzerland) 2015 <http://www.gfoe.org/>  
iDiv (German Centre for Integrative Biodiversity Research) 2015 <https://www.idiv.de/>,  
GFBio (German Federation for Biological Data) 2015 <https://www.gfbio.org/>,  
CRC 1076 Aquadiva 2015 <http://www.aquadiva.uni-jena.de/>,  
BE (Biodiversity Exploratories) 2015 <http://www.biodiversity-exploratories.de/startseite/>,  
TDWG (Biodiversity Information Standards) 2016 <http://www.tdwg.org/>.

Scatterplot	Dendrogram	Venn Diagram	Density Plot	Parallel Coordinates
PCA	Phylogenetic Analysis	ANOVA	Population Dynamics	Multivariate Correlati
PCA	Cluster Analysis	Experimental Setup	Spatial Distribution	Spectral Data
Regression	Collinnearity Explorati	Comparison	Data Distribution	Correlation
Spatial Distribut	Phylogenetic Analysis	Spatial Distribution	Bayesian Estimation	Trend
CA	Cluster Analysis	Concept Presentation	Data Distribution	
Phylogenetic Ar	Classification	Concept Presentation	Vegetation Coverage	
Cluster Analysis	Cluster Analysis	Overlap	Overview	
PCA	Vegetation Compositi	Comparison	Trend	
RDA	Phylogenetic Analysis	Variation Partitioning	Data Distribution	
GLM	Cluster Analysis	Overlap	Density Distribution	
Spatial Distribut	Categorical classificati	Concept Presentation	Data Distribution	
RDA	Cluster Analysis	Comparison	Trend	
PCA	Cluster Analysis	Association	Landscape Changes	
Spatial Distribut	Community Clustering		Normality Test	
RDA	Phylogenetic Analysis		Spatial Distribution	
PCA	Kinship Analysis		Data Distribution	
RDA	Phylogenetic Analysis		Data Distribution	
Cluster Analysis	Phylogenetic Analysis		Data Exploration	
Phylogenetic Ar	Phylogeography		Normality Test	
RDA	Cluster Analysis		Data Distribution	
Spatial Distribut	Workflow		Density Distribution	
Spatial Distribut	Species Relation		Data Exploration	
PCA	Cluster Analysis		Altitudinal Distribution	
RDA	Phylogenetic Analysis		Data Distribution	
PCA	Cluster Analysis		Bayesian Estimation	
PCA	Phylogenetic Analysis		Temporal Distribution	
Spatial Distribut	Species Relation		Data Distribution	
RDA	Cluster Analysis		Posterior Distribution	
RDA	Phylogenetic Analysis		Data Distribution	
PCA	Distance Exploration		Data Inspection	
RDA	Cluster Analysis		Root Growth Depth	
Spatial Distribut	Twinspan		Data Distribution	
Correlation	Classification		Comparison	
Cluster Analysis	Relatedness		Statistical Analysis	
PCA	Phylogenetic Analysis		Statistical Analysis	
Cluster Analysis	Trait Allocation		Data Distribution	
PCA	Diversity		Data Distribution	
Ecological Grou	Ward's Distance		Data Distribution	
Spatial Distribut	Phylogenetic Analysis		Comparison	
PCA	Evolutionary Analysis			
Spatial Distribut	Species Description			
Spatial Analysis	Phylogenetic Analysis			
Multivariate Sta	Nestedness			
Correlation	Similarity			
Distribution	Phylogenetic Analysis			
Distribution	Species Relation			
Correlation	Hierarchy			
PCA	Data Exploration			
Correlation	Clustering			

Data Exploration

Association

CCA

DCA

Boxplot	Scatterplot Matrix	CoPlot	Heatmap
Carbon Stock	Covariation Exploratic	Regression	3D variable analysis
Statistical Analysis	Collinearity Detection	2 way inter	Intensity analysis
Group Comparison	Regression	Population	3D variable analysis
Factorial Design	Data Exploration	Correlator	Spatial Distribution
Outlier Presentation	Data Distribution	Data Invest	2 way interation
Factorial Design	Quality Control	Data Over	Spatial Distribution
Fatorial Design	Data Exploration	Multivariat	Regression
Statistical Comparison	Covariation Exploratic	Compariso	Spatial Distribution
Data Overview	Regression	Compariso	3D variable analysis
Categorical Data Distrik	Relationship Compari	Data Explo	Regression
Categorical Data Distrik	Data Exploration	Associator	Spatial Distribution
Numerical Pattern	Data Distribution		Abundance
Factorial Design	Correlation		Spatial Mapping
Comparison Distributio	Data Overview		Comparison
Data Exploration	Correlation		Statistical Analysis
Experimental Data	Data Distribution		Spatial Statistics
Group Comparison	Data Exploration		Data Distribution
Species Abundance Pre	Correlation		Heterogeneity
Species Richness Preser	Correlation		Spatial Distribution
Group Comparison	Linear Modelling		Correlation
Group Comparison	Quality Control		Trend
Data Distribution	Spatial Correlation		Data Exploration
Outlier Presentation	Correlation		Data Distribution
Group Comparison	Independence Test		
Group Comparison	Data Investigation		
Data Exploration	Correlation		
Factorial Design	Regression		
Summary Statistics	Data Overview		
Outlier Presentation	Correlation		
Data Overview	Covariation Exploration		
Group Comparison	Data Exploration		
Group Comparison	Correlation		
Data Exploration	Correlation		
Summary Statistics	Data Exploration		
Data Description	Temporal Distribution		
Variance Analysis	Correlation		
Statistical Comparison	Multivariate Statistics		
Statistical Comparison	Overview		
Statistical Comparison	Trend		
Data Exploratiom	Trend		
Data Dispersion	Data Distribution		
Group Comparison	Data Exploration		
Overflow	Trend		
Significance Test	Multivariate Statistics		
Factorial Design	Correlation		
Summary Statistics	Multivariate Statistics		
Summary Statistics	Regression		
HSD Test	Correlation		
T test	Correlation		

Wilcoxon Test	Comparison
Data Exploration	Outlier Identification
Data Exploration	Temporal Distribution
Significance Test	Comparison
Group Comparison	ANOVA
Factorial Design	Correlation
Data Distribution	Data Exploration
Group Comparison	
Biomass Distribution	
Species Abundance Presentation	
Group Comparison	
Group Comparison	
Group Comparison	
Summary Statistics	
Culturability values	
Culturability values	
Group Comparison	
Group Comparison	
Comparison	
Data Distribution	
Data Exploration	

**Line Graph**

2D variable analysis  
 Temporal Analysis  
 Correlation  
 Temporal Analysis  
 1D variable analysis  
 Trend  
 Correlation  
 Regression  
 Temporal Analysis  
 Temporal Analysis  
 Temporal Analysis  
 Temporal Analysis  
 Comparison  
 Correlation  
 Growth Curves  
 3D Analysis  
 Temporal Analysis  
 Temporal Analysis  
 Trend  
 Trend  
 Comparison  
 Association  
 Correlation

**Pie Chart**

Proportion Presentation  
 1D variable analysis  
 Proportion Presentation  
 Proportion Presentation  
 Comparison  
 Proportion Presentation  
 Composition  
 Proportion Presentation  
 Composition  
 Composition  
 Distribution  
 Proportion Presentation  
 Simple Statistics  
 Composition  
 Composition  
 Proportion Presentation

**Map**

GIS data  
 Data Exploration  
 Spatial Distribution  
 Spatial Distribution  
 Area Survey  
 Spatial Distribution  
 Species Distribution  
 Planning Fieldwork  
 Comparison  
 Spatial Pattern  
 Spatial Distribution  
 Simple Statistics  
 Spatial Distribution  
 Spatial Pattern  
 Data Exploration  
 Quality Assurance

**Bar Chart**

Data Distribution  
 2D variable analysis  
 Factorial Design  
 Data Exploration  
 Comparison  
 Group Comparison  
 Proportion  
 Factorial Design  
 Relative Abundance  
 Temporal Analysis  
 Factorial Design  
 Phylogenetic Distribution  
 Relative Abundance  
 ANOVA  
 Statistical Analysis  
 Taxonomic Richness  
 Trends  
 Comparison  
 Comparison  
 Distribution  
 Association