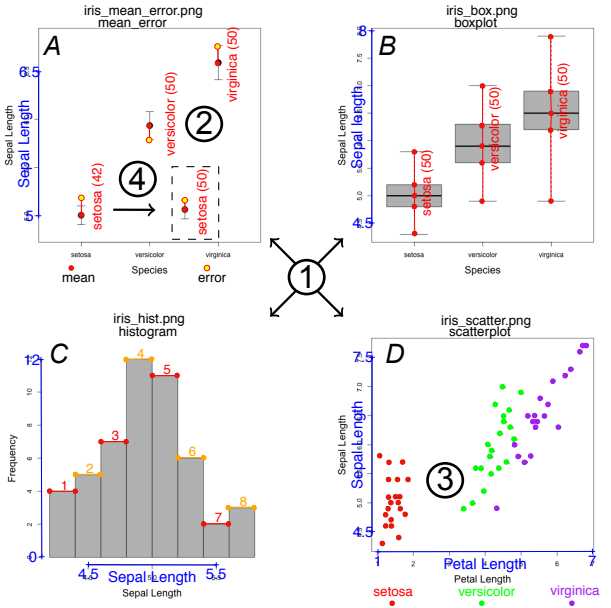
metaDigitise

PLOT INTERFACE



FUNCTIONALITY

1 *Different plot types*

Capable of handling A) mean error plots, B) boxplots, C) histograms and D) scatterplots

2 *Entry of Metadata*

Enter sample sizes variable and group names while digitising that are displayed on plot

3 *Grouped Data*

Enter as many groups as needed to capture descriptive statistics for sub-samples of data

4 *Digitise, edit or replot digitisations*

Simple user interface to guide user. Can digitise new images, edit digitisations or easily replot previous digitisations and metadata by cycling through images or choosing specific images

5 *Summarising data*

Get descriptive statistics automatically calculated for all plot types or use raw x,y data, if desired

6 *Multiple image processing*

Process as many images at once as needed and of varying types efficiently and quickly. New plots automatically plotted for digitisation

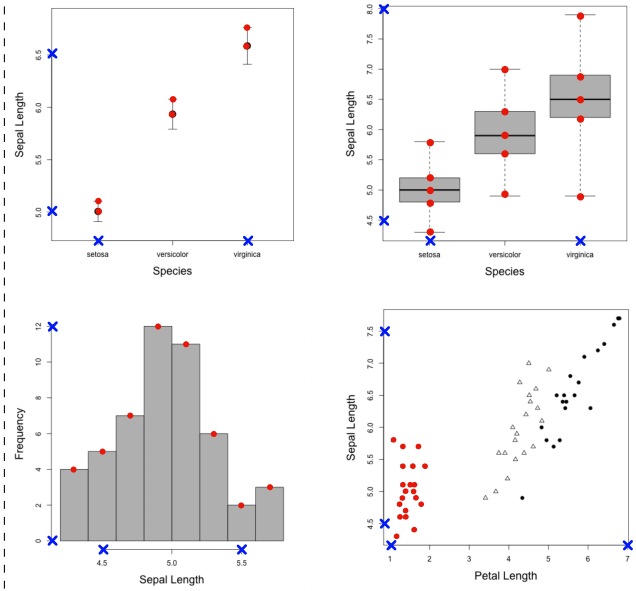
DATA OUTPUT

6 5

filename	variable	group_id	mean	sd	n	r	plot_type
iris_box.png	Sepal length	setosa	5.01	0.317	50	NA	boxplot
iris_box.png	Sepal length	versicolor	5.93	0.497	50	NA	boxplot
iris_box.png	Sepal length	virginica	6.49	0.603	50	NA	boxplot
iris_hist.png	Sepal Length	setosa	4.95	0.364	50	NA	histogram
iris_mean_error.png	Sepal Length	setosa	5.01	0.680	50	NA	mean_error
iris_mean_error.png	Sepal Length	versicolor	5.94	1.025	50	NA	mean_error
iris_mean_error.png	Sepal Length	virginica	6.59	1.251	50	NA	mean_error
iris_scatter.png	Petal Length	setosa	1.44	0.215	20	0.109	scatterplot
iris_scatter.png	Petal Length	setosa	5.03	0.427	20	0.109	scatterplot
iris_scatter.png	Petal Length	versicolor	4.29	0.415	20	0.786	scatterplot
iris_scatter.png	Petal Length	versicolor	5.97	0.603	20	0.786	scatterplot
iris_scatter.png	Petal Length	virginica	5.66	0.668	20	0.932	scatterplot

Other Software

PLOT INTERFACE



DATA OUTPUT

Mean-Error		Box plot		Histogram		Scatter plot	
x	y	x	y	x	y	x	y
1.00	5.10	1.00	5.80	4.29	4.00	1.08	5.80
1.00	5.00	1.00	5.21	4.50	4.99	1.31	5.70
2.00	6.08	1.00	5.00	4.70	7.01	1.70	5.70
2.00	5.93	1.00	4.80	4.90	12.01	1.31	5.40
3.00	6.76	1.00	4.31	5.10	11.02	1.56	5.41
2.99	6.59	2.00	7.00	5.30	5.98	1.86	5.40
		2.00	6.30	5.49	1.98	1.32	5.11
		2.00	5.91	5.70	3.00	1.51	5.10
		2.00	5.61			1.56	5.10
		2.00	4.91			1.37	5.00
		⋮				⋮	