R documentation

of 'poll_Import.rd' etc.

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poll_Import	*Importing Poll Data for Use in pollVizR*

Description

0.1: This function allows you to import the data for use in pollVizR. Returns a dataframe with the choices, support, standard error, and selected confidence interval as well as an introductory return sentence. FUTURE: This function returns a list with a dataframe in [1], n in [2], and cI in [3] (reduces work in other functions). Run this before any other function in pollVizR.

Usage

```
poll_Import(choices = c("C1", "C2", "Undecided"), support, decimal = T, n,
  cI = 0.95)
```

Arguments

choices	Vector representing candidate/party names. Defaults to "C1", "C2", and "Undecided."
support	Vector of percentage support. No default.
decimal	Is "support" a decimal? If so, TRUE (default). If percentage, FALSE.
n	Number of poll respondents. No default.
cI	Confidence interval. Select from 0.95 (default), 0.8, 0.85, 0.9, and 0.99.

Note

Important to save as an object for pollViz.

Examples

```
fake <- poll_Import(choices=c("A", "B", "C"), support=c(0.45, 0.45, 0.05), n=250)
```

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pollViz   *Visualizing Poll Data*

Description

This function allows you to visualize the data in pollVizR. Returns a ggplot with margins of error embedded.

Usage

```
pollViz(fake, plotTitle, cI = 95, vert = T, wes = F)
```

Arguments

fake	Your dataframe returned from poll_Import. FUTURE: List returned from poll_Import.
plotTitle	String representing the title. No default.
cI	*Integer* representing the confidence interval for the y-axis label. Defaults to 95.
vert	Boolean. If TRUE (default), the plot will come up vertically. If FALSE, horizontally.

Examples

```
pollViz(fake, plotTitle = "Fake data are cool")
```

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pollVizBar   *Visualizing Poll Data–Bar*

Description

This function allows you to visualize the data in pollVizR. Returns a vertical barplot with margins of error embedded.

Usage

```
pollVizBar(fake, plotTitle, cI = 95, wes = F)
```

Arguments

fake	Your dataframe returned from poll_Import. FUTURE: List returned from poll_Import.
plotTitle	String representing the title. No default.
cI	*Integer* representing the confidence interval for the y-axis label. Defaults to 95.

Examples

```
pollViz(fake, plotTitle = "Fake data are cool")
```

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