R documentation

of 'barErrorPlot.Rd'

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barErrorPlot — *Generate bar error plot and its dispersion by cell types or by number of different cell types in test bulk samples.*

Description

Generate bar error plot and its dispersion by cell types (CellType) or by number of different cell types (nMix) in test bulk samples.

Usage

```
barErrorPlot(
  object,
  error,
  by,
  dispersion = "se",
  filter.sc = TRUE,
  title = NULL,
  angle = 90,
  theme = theme_grey()
)
```

Arguments

object	DigitalDLSorter object with trained.model slot containing metrics in eval.stats.samples slot.
error	MAE or MSE. By default it is used a list of custom colors provided by the package.
by	Variable used to display errors.
dispersion	Standard error ('se') or standard deviation ('sd'). The first by default.
filter.sc	Boolean indicating if filter single-cell profiles and only display correlations of results associated with bulk samples (TRUE by default).
title	Title of the plot.
angle	Angle of ticks.
theme	ggplot theme.

See Also

calculateEvalMetrics corrExpPredPlot distErrorPlot blandAltmanLehPlot

Examples

```
barErrorPlot(
  object = DDLSChung,
  error = "MSE",
  by = "CellType"
)

barErrorPlot(
  object = DDLSChung,
  error = "MAE",
  by = "nMix"
)
```

Index