

# Package ‘gghalfnorm’

May 8, 2026

**Type** Package

**Title** Create a Half Normal Plot Using 'ggplot2'

**Version** 1.1.2

**Description** Reproduce the halfnorm() function found in the 'faraway' package using the 'ggplot2' API.

**URL** <https://github.com/nathaneastwood/gghalfnorm>

**BugReports** <https://github.com/nathaneastwood/gghalfnorm/issues>

**Depends** R (>= 3.1.0)

**Imports** ggplot2 (>= 2.0.0), ggrepel (>= 0.6.5)

**License** AGPL-3

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.0.1

**Suggests** covr, testthat

**NeedsCompilation** no

**Author** Nathan Eastwood [aut, cre]

**Maintainer** Nathan Eastwood <nathan.eastwood@icloud.com>

**Repository** CRAN

**Date/Publication** 2017-06-06 11:29:50 UTC

## Contents

|                      |          |
|----------------------|----------|
| gghalfnorm . . . . . | 2        |
| <b>Index</b>         | <b>3</b> |

---

`gghalfnorm`*Half Normal Plot*

---

**Description**

Produce a Half Normal Plot for a vector of residuals.

**Usage**

```
gghalfnorm(x, nlab = 2, labs = as.character(seq_along(x)), repel = FALSE,  
  ...)
```

**Arguments**

|                    |   |
|--------------------|---|
| <code>x</code>     | A vector of residuals.  |
| <code>nlab</code>  | The number of points to label.  |
| <code>labs</code>  | The labels for the points.  |
| <code>repel</code> | Logical. Whether to repel the labels or not.                            |
| <code>...</code>   | Additional parameters to be passed to <a href="#">geom_text_repel</a> . |

**See Also**

[qqnorm](#)

**Examples**

```
set.seed(100)  
gghalfnorm(x = rnorm(100), nlab = 10)  
gghalfnorm(x = rnorm(100), nlab = 10, repel = TRUE)
```

# Index

`geom_text_repel`, 2

`gghalfnorm`, 2

`qqnorm`, 2