

# Package ‘roundyh’

May 9, 2026

**Type** Package

**Title** Round Dataframe

**Version** 0.1.0

**Description** A simple rounding function. The default round() function in R uses the IEC 60559 standard and therefore it rounds 0.5 to 0 and rounds -1.5 to -2. The roundx() function accounts for this and helps to round 0.5 up to 1.

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**Encoding** UTF-8

**RoxygenNote** 7.2.3

**Suggests** spelling, testthat (>= 3.0.0)

**Config/testthat/edition** 3

**Language** en-US

**Depends** R (>= 3.5.0)

**NeedsCompilation** no

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**Repository** CRAN

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roundx	<i>A rounding function</i>
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**Description**

A rounding function

**Usage**

```
roundx(n, dp)
```

**Arguments**

n	a number to round
dp	decimal place to round to

**Value**

rounded number

**Examples**

```
roundx(10.111, 1)
```

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roundx_df	<i>Applying the rounding function to all numeric values of dataframe while excluding characters</i>
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**Description**

Applying the rounding function to all numeric values of dataframe while excluding characters

**Usage**

```
roundx_df(df, dp)
```

**Arguments**

df	a dataframe
dp	decimal place to round to

**Value**

a dataframe

**Examples**

```
roundx_df(data.frame(c(1.111, 1, 1.11), c(1, 1, 1), c("a", "b", "c")), 1)
```

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