

# Package: smbr (via r-universe)

September 8, 2024

**Title** Facilitates Bayesian Analysis using STAN

**Version** 0.0.1.9010

**Description** Facilitates analyses using STAN.

**License** MIT + file LICENSE

**URL** <https://github.com/poissonconsulting/snbr>

**BugReports** <https://github.com/poissonconsulting/snbr/issues>

**Depends** R (>= 4.1)

**Imports** broom, chk, coda, embr (>= 0.0.1.9036), lubridate, magrittr,  
mcmcR, nlist, plyr, purrr, rlang, rstan, stringr, term, tibble,  
timer, utils

**Suggests** bauw, BH, covr, ggplot2, mcmcdata, RcppEigen, testthat,  
universals

**Remotes** poissonconsulting/bauw, poissonconsulting/embr,  
poissonconsulting/mcmcdata, poissonconsulting/timer

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**Roxygen** list(markdown = TRUE)

**Repository** <https://poissonconsulting.r-universe.dev>

**RemoteUrl** <https://github.com/poissonconsulting/snbr>

**RemoteRef** HEAD

**RemoteSha** 4b771ddb7ef96a2885ea5daefe679cd61269d884

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data\_block *Create Data Block from Data List*

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**Description**

Automate writing the STAN data block from your data.

**Usage**

```
data_block(x)
```

**Arguments**

x                    A nlist

**Value**

A string

**Examples**

```
mod_data <- nlist::as_nlist(list(  
  X = c(1L, 2L, 3L, 4L),  
  Y = c(1.2, 7.3, 8.9, 2.6),  
  nObs = 4L  
))  
data_block(mod_data)
```

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is.smb\_analysis *Is a STAN Analysis*

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**Description**

Tests whether x is an object of class 'smb\_analysis'

**Usage**

```
is.smb_analysis(x)
```

**Arguments**

x                    The object to test.

**Value**

A flag indicating whether the test was positive.

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is.smb_code	<i>Is STAN Code</i>
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**Description**

Tests whether x is an object of class 'smb\_code'

**Usage**

```
is.smb_code(x)
```

**Arguments**

x                   The object to test.

**Value**

A flag indicating whether the test was positive.

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is.smb_model	<i>Is a STAN Model</i>
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**Description**

Tests whether x is an object of class 'smb\_model'

**Usage**

```
is.smb_model(x)
```

**Arguments**

x                   The object to test.

**Value**

A flag indicating whether the test was positive.

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