

Linkmodel: tan and tanpi

These are link-models for the circular models.

Parametrization

The **tan** link is

$$z = g^{-1}(x) = 2 \arctan(x)$$

and

$$x = g(z) = \tan(z/2)$$

and $z \in (-\pi, \pi)$

The **tanpi** link is

$$z = g^{-1}(x) = 2 \arctan(x) + \pi$$

and

$$x = g(z) = \tan((z - \pi)/2)$$

and $z \in (0, 2\pi)$

Hyperparameters

Specification

Hyperparameter specification and default values

Example