**Reporting Conditional and Unconditional Fitted Logit Values**

**Description**

oclhm.fitted is used to report fitted conditional and unconditional logit values from oclhm. It is meant to be used *after* running oclhm as it uses the Stan\_Model to extract samples. oclhm.fitted will return 95% credible intervals for each level of the outcome. Additionally, the original data used in the model and observation-wise fitted values are joined as their own data framed saved as fitted\_vals\_mat.

**Usage**

oclhm.fitted(model = Stan\_Model, data)

**Arguments**

|  |  |
| --- | --- |
| model | Uses Stan\_Model from oclhm as default but can be changed. See oclhm for more details. |
| Data | An object of class data.frame (or one that can be coerced to that class) containing data of all variables used in the original oclhm model. See oclhm for more details. |

**Details**

**Value**

An object of class matrix, which contains the posterior 95% credible interval for the conditional and unconditional fitted logit values for each level of outcome.

**Author(s)**

Carson Keeter [keeterc1@gmail.com](mailto:keeterc1@gmail.com)

Pavel Chernyavskiy [pchern@virginia.edu](mailto:pchern@virginia.edu)

Traci Kutaka [Traci.Kutaka@du.edu](mailto:Traci.Kutaka@du.edu)