**Method Description**

**General Information**

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| --- | --- |
| Type of Entry (*Academic, Practitioner, Researcher, Student*) | **Academic** |
| First Name | **Jose Augusto** |
| Last Name | **Fiorucci** |
| Country | **Brazil** |
| Type of Affiliation (*University, Company-Organization, Individual*) | **University** |
| Affiliation | **Universidade de Brasilia** |

**Team Members (*if applicable*):**

|  |  |
| --- | --- |
| **1st Member** | |
| First Name | Jose Augusto |
| Last Name | Fiorucci |
| Country | Brazil |
| Affiliation | Universidade de Brasilia |
| **2nd Member** | |
| First Name | Francisco |
| Last Name | Louzada |
| Country | Brazil |
| Affiliation | Univesidade de São Paulo |
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**Information about the method utilized**

|  |  |
| --- | --- |
| Name of Method | GROEC |
| Type of Method (*Statistical, Machine Learning, Combination, Other*) | Combination |
| Short Description (up to 200 words) | Performs a combination of four statistical models (DOTM, OTM, ETS, ARIMA), where the weights are estimated using a cross-validation scheme (GROE). |

**Extended Description:**

*Apart from the textural description, please consider including an informative flowchart to help researchers better understand the exact steps followed for generating the forecasts. Please also try to clarify any assumptions made, the initialization and parameterization process used, etc., to facilitate reproducibility and replicability.*