Data exploration

Anonymous for review

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1. Prepare the data

1.1 Load the required packages

```
using Pkg, Weave, CSV, DataFrames, Plots
```

1.2 Import the data

```
data = DataFrame(CSV.File("data/merged-data.csv"))
```

2. Inspect the data

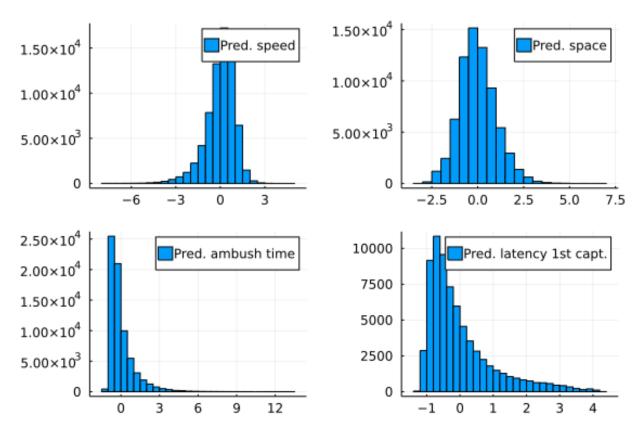
2.1 Distribution of predator behaviour

In this section, we will inspect the distribution of the different predator behaviors. We provide the distribution of the raw variables and their transformations.

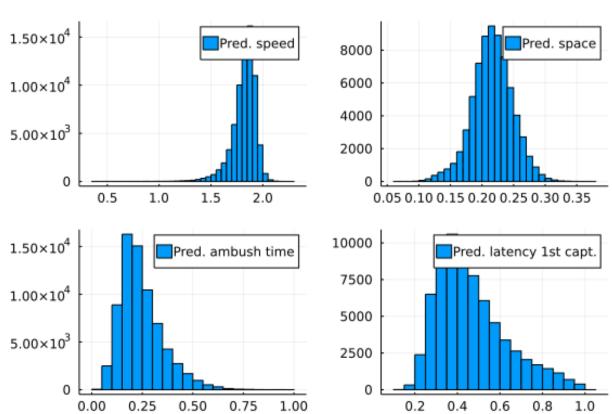
The transformations include :

- square root
- log

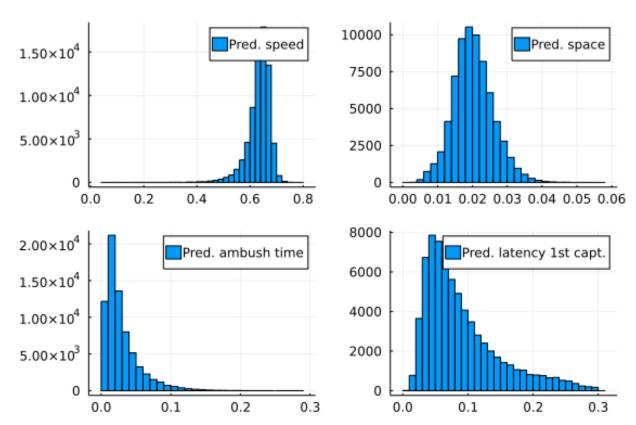
2.1.1 Raw variables



2.1.2 Square root variables



2.1.3 Log variables



2.1 Distribution of prey behavior

We now inspect the distribution of the prey behavior. The different prey behaviors were calculated using the average behavior of the 4 prey within a match. We provide the distribution of the raw variables and their transformations.

The transformations include:

```
square rootlog
```

