Table 1. Pairwise comparison chart

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Feed** | **Saga** | **Starfruit** | **Fishtail** | **Nangka** | **Acacia** |
| Saga | - | 0 | -1 | 0 | 0 |
| Starfruit | 0 | - | 0 | 0 | -1 |
| Fishtail | +1 | 0 | - | +1 | 0 |
| Nangka | 0 | 0 | -1 | - | 0 |
| Acacia | 0 | +1 | 0 | 0 | - |
| **Sum** | **+1** | **+1** | **-2** | **+1** | **-1** |

* +1 = preferred, -1 = avoid, 0 = neutral
* E.g., Saga is preferred over fishtail, neutral in comparison to starfruit, Nangka and acacia
* E.g., in contrast, fishtail is avoided to Saga, and to Nangka

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table 2. Intake (mean ± SD) and preference ratios for pairwise preference tests conducted using five different browse species** | | | | | |
|  | | | | | |
| Browse A | Browse B | Consumption A | Consumption B | Ratio | *P* value |
|  | | | | | |
| Saga | Fishtail | 134.75 **±** 51.3 | 23.25 **±** 5.8 | 0.85 | < 0.05 |
| Starfruit | Acacia | 201.5 **±** 33.4 | 63.75 **±** 7 | 0.74 | < 0.01 |
| Fishtail | Acacia | 109.5 **±** 25.4 | 87.75 **±** 14.5 | 0.55 | 0.61 |
| Starfruit | Nangka | 121.75 **±** 19.9 | 89.5 **±** 19.3 | 0.5 | 0.36 |
| Saga | Nangka | 130 **±** 33 | 169.25 **±** 21.3 | 0.46 | 0.45 |
| Saga | Acacia | 145.75 **±** 43.3 | 132.5 **±** 21.3 | 0.66 | 0.97 |
| Nangka | Acacia | 165 **±** 16.1 | 128.75 **±** 9.1 | 0.59 | 0.22 |
| Starfruit | Fishtail | 112.5 **±** 31.3 | 110.75 **±** 28.7 | 0.48 | 0.98 |
| Nangka | Fishtail | 106.75 **±** 13.3 | 73 **±** 10.2 | 0.55 | < 0.05 |
| Starfruit | Saga | 151 **±** 33.2 | 113.75 **±** 38.3 | 0.6 | 0.49 |
|  | | | | | |

* This table corresponds to previous table; use Ratio and *P* value to determine +1, 0 and -1

Table 3. Bradley-Terry model

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Feed** | **Saga** | **Starfruit** | **Fishtail** | **Nangka** | **Acacia** |
| Overall | 3 | 1 | 4 | 2 | 5 |
| Adhil | 1 | 3 | 4 | 2 | 5 |
| Balaji | 5 | 3 | 1 | 2 | 4 |
| Jubilee | 5 | 1 | 4 | 2 | 3 |
| Marco | 1 | 2 | 4 | 3 | 5 |

* BT (Bradley Terry) model: just another form of doing pair-wise comparison.
* Ranked by coefficient (not presented), scale: from 1 (most preferred) to 5 (least preferred)

Chart, bar chart

Description automatically generated

Figure 1. The absolute consumption of browse species during pair-wise treatments.