**Dataset Name**

Negotiation dataset

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**Dataset Description:**

Measures of anemonefish size, reproduction and parental care. Five sheets are included in the spreadsheet, which correspond to different indicators of parental effort: Clutch\_laid: The number of eggs laid per clutch, an indicator of female effort

Month\_laid: The number of eggs laid per month, an indicator of female effort

Pcare: The amount of time males and females spent tending to the eggs, an indicator of male and female effort, respectively

Embryo\_surv: The proportion of eggs laid per clutch that survived to hatching, a measure of male effort, and the number of eggs laid that matured to hatching per clutch, a measure of pair effort

Embryo\_mat: The number of embryos laid per month that matured to hatching, a measure of pair effort

**Project:**

Negotiations Over Parental Care: A Test of Alternative Hypotheses in the Clown Anemonefish

**Location:**

Kimbe Bay, Papua New Guinea (5.1666667°S 150.5°E)

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**Parameter names, descriptions, units:**

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| --- | --- | --- | --- |
| **Name** | **Description** | **Units** | **Missing data identifier** |
| ID | A unique identifier for each anemone group surveyed | Categorical | NA |
| Month | Experimental month / pre- or post-manipulation via fin-clipping  (1 = pre-manipulation  2 = post-manipulation) | Categorical | NA |
| Month.Clutch | The clutch number laid that month (1, 2, or 3) | Categorical |  |
| Laid | Number of eggs laid per clutch for sheet Clutch\_laid and per month for sheet Month\_laid | Integer | NA |
| Treatment | Treatment each group was assigned to: Female handicapped, male handicapped, or control | FH = female handicapped  MH = male handicapped  C = control | NA |
| FSL.1 | Female standard length to the nearest 0.01mm before the start of the study | Millimeters | NA |
| FSL.2 | Female standard length to the nearest 0.01mm at the end of the study | Millimeters | NA |
| FSL | Average of the two measurements of female standard length | Millimeters | NA |
| MSL.1 | Male standard length to the nearest 0.01mm before the start of the study | Millimeters | NA |
| MSL.2 | Male standard length to the nearest 0.01mm at the end of the study | Millimeters | NA |
| MSL | Average of the two measurements of male standard length | Millimeters | NA |
| Month.clutch | The clutch number that month (1, 2, or 3) | Categorical |  |
| Date | Calendar date when the video was taken | Date |  |
| M.tend | Time male spent within one body length of the eggs (number of minutes out of 15 minute video) | Minutes | NA |
| F.Tend | Time female spent within one body length of the eggs (number of minutes out of 15 minute video) | Minutes | NA |
| Age | The age of the clutch when observations were made | Categorical |  |
| Hatched | The number of eggs laid that survived to hatching per clutch for sheet embryo\_surv and per month for sheet embryo\_mat | Integer | NA |
| Prophatch | The proportion of eggs laid that survived to hatching | Integer |  |