## Raw data belonging to:

## Espeset, A.E. & Forister, M.L. (2021) In search of an honest butterfly:

sexually selected wing coloration and reproductive

traits from wild populations of the cabbage white butterfly. Ann. Entomol. Soc. Am. https://doi.org/10.1101/2021.03.07.434307

| "Males" |              |             |                     |           |   |  |
|---------|--------------|-------------|---------------------|-----------|---|--|
| Column  | Entry        | Value       | Unit                |           | Explanatation   |  |
| Α       | Site         | Categorical | Davis, Sutter, UNR, | or Washoe | Where individuals were collected. Davis means Davis, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; Sutter Manager National Refuge, CA, USA; Sutter National Refuge, CA, USA; | SA; UNR means University of Nevada, Reno farm; Washoe means Washoe Valley, Nevada, USA |
| В       | R50          | Numerical   | -                   |           |   |  |
| С       | LR50         | Numerical   | nanometers (nm)     |           |   |  |
| D       | BR50         | Numerical   | -                   |           |   |  |
| E       | TestesWeight | Numerical   | micrograms (        |           | NA means a testes weight could not be obtained due  |  |
| F       | Wing Length  | Numerical   | cm                  |           | The wing length of each individual; measured using imageJ; wings that were unable to be measured are "NA"; Wing   | neasurements were from basal tip to apex tip of wing                                   |
|         |              |             |                     |           |   |  |

## "Females"

| Column | Entry      | Value Unit         |                          | Explanatation   |
|--------|------------|--------------------|--------------------------|---|
| Α      | Site       | Categorical Davis, | , Sutter, UNR, or Washoe | Where individuals were collected. Davis means Davis, CA, USA; Sutter means outside of Sutter National Refuge, CA, USA; UNR means University of Nevada, Reno farm; Washoe means Washoe Valley, Nevada, USA |
| В      | SpermCount | 0 - 3 Numb         | per of Spermatophores    | How many spermatophores were dissected from individual  |