**SECTION 2 – Contact details**

Primary contact: [Jarod.lyon@delwp.vic.gov.au](mailto:Jarod.lyon@delwp.vic.gov.au)

Analysis contact: [rob.hale@delwp.vic.gov.au](mailto:rob.hale@delwp.vic.gov.au)

**SECTION 3 – Sampling methods**

**Response variables:**

[Response 1] Number of fishing licences purchased in lockdown months in 2020 versus in 2018/2019

[Response 2] Number of tagged fish caught in lockdown months in 2020 versus in 2018/2019

**Units:**

[Response 1] Number of 28 day licences purchased

[Response 2] Number of fish tags

**Hierarchical samples for study:**

For the number of tags, there is data from 2 months from each of 3 years, 6 total observations

For the number fishing licences, there is data from 3 months from each of 3 years, 9 total observations

**Methods of collection:**

For fishing licenses: licences are purchased online, and as part of this process, all are recorded in a database. The database can then be interrogated to extract summaries of license numbers.

For fish: fish were collected via electrofishing, and implanted with external ‘dart’ tags with unique identifiers. Anglers who catch these fish then call in to record the catch and receive a reward

**SECTION 4**

**Type of comparison:**

Comparison of same time period between years

**Spatial scale:**

Regional Scale: e.g., data are integrated across a region

**Observational biases: N/A**

**Data accessibility:**

Data can be requested from jarod.lyon@delwp.vic.gov.au

**Further method details: N/A**

**SECTION 5: results**

**Lat/long (Fishing Licences): 36.784665, 144.658996 (Victoria Centroid)**

**Lat/long (Tag study): -35.967883, 145.847822**

**Model summary table: provided separately**

**Describe summary table: provided separately**

**Confidence score:**

4: Effect likely due to covid lockdown

**Interpretation:**

Both the number of fishing licenses purchased and the number of fish tags returned was lower in the months of lockdown in 2020 than in the same months in 2018 and 2019.

**SECTION 6: PUBLICATION INFORMATION**

**Authors:**

[1] Jarod P Lyon

[2] Robin Hale

[3] Dallas D’Silva

**Affiliations:**

[1] Arthur Rylah Institute for Environmental Research, Department of Environment, Land, Water and Planning.

[2] Arthur Rylah Institute for Environmental Research, Department of Environment, Land, Water and Planning.

[3] Victorian Fisheries Authority

**Role of each author:**

[1] a|b

[2] c|d

[3] b|c

**Granting agencies: N/A**

**Grant numbers: N/A**

**Further acknowledgements:** Staff from the Victorian Fisheries Authority and Arthur Rylah Institute.