* fix exclusions.

Original script exclusions-

GULDact <- subset(GULDact, UniqueID != "ACT1\_1C") #PITID 1492

GULDact <- subset(GULDact, UniqueID != "ACT1\_3F") #PITID 2155

GULDact <- subset(GULDact, UniqueID != "ACT1\_4D") #PITID 2165

GULDact <- subset(GULDact, UniqueID != "ACT1\_5C") #PITID 2191

GULDact <- subset(GULDact, UniqueID != "ACT2\_5A") #PITID 2038

GULDact <- subset(GULDact, UniqueID != "ACT2\_5B") #PITID 2155

GULDexpl <- subset(GULDexpl, GULDexpl$PITID != "2044/1395") #excluding trial where fish escaped arena

GULDexpl <- subset(GULDexpl, UniqueID != "EXPL1\_3A") #PITID 2155

GULDexpl <- subset(GULDexpl, UniqueID != "EXPL1\_3C") #PITID 2165

GULDexpl <- subset(GULDexpl, UniqueID != "EXPL1\_10B") #PITID 2191

Fish status notes

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| G47 |  | 1492 | C | .Deceased | 02/07/2020 | Noted with wound or lethargy in ACT1, exclude all behavioural data |
| G23 |  | 2165 | D | .Deceased | 06/07/2020 | Noted with wound or lethargy in ACT1/EXPL1, exclude all behavioural data |
| G08 |  | 2191 | E | .Deceased | 06/07/2020 | Noted with wound or lethargy in ACT1/EXPL1, exclude all behavioural data |
| G32 |  | 2155 | D | .Deceased | 09/07/2020 | Noted with wound or lethargy in ACT1/EXPL1, exclude all behavioural data |
| G21 |  | 2038 | D | .Deceased | 09/07/2020 | Noted with wound in second Activity trial, exclude from week 2 onwards |
| G41 |  | 2133 | C | .Deceased | 09/07/2020 | Noted with wound in EXPL 2 trial, exclude from EXPL2 onwards |
| G40 |  | 2101 | C | .Deceased | 16/07/2020 | Noted with wound in EXPL 3 trial, exclude for EXPL3 |
| G42 |  | 2014 | C | .Deceased | 06/07/2020 | Found dead between week 1 and 2 trials, no previous signs of injury/disease |
| G20 |  | 2213 | D | .Deceased | 08/07/2020 | Found dead between ACT1 and EXPL2, no previous signs of injury/disease |
| G05 |  | 2016 | E | .Deceased | 09/07/2020 | Euthanised between ACT1 and EXPL2, had previously been noted with skin infections |
| G45 |  | 2070 | C | .Deceased | 09/07/2020 | Found dead between ACT1 and EXPL2, had previously been noted with skin infections |
| G48 |  | 2084 | C | .Deceased | 09/07/2020 | Found dead between ACT1 and EXPL2, had previously been noted with skin infections |
| G31 |  | 2089 | D | .Deceased | 13/07/2020 | Found dead between week 2 and 3 trials, no previous signs of injury/disease |
| G30 |  | 2034 | D | .Deceased | 14/07/2020 | Found dead between week 2 and 3 trials, no previous signs of injury/disease |
| G39 |  | 2112 | C | .Deceased | 16/07/2020 | Euthanised between ACT3 and EXPL3, no previous sign of injury |

* Fix how weight and length were recorded.
  + I will be using the pre-trial lengths-weights (they were more carefully recorded)

* Check binary v binomial dist approaches to rptr