Exploratory figures for CNHS

Kelvin Gorospe and Jessica Gephart 6/3/2020

Notes for Mike:

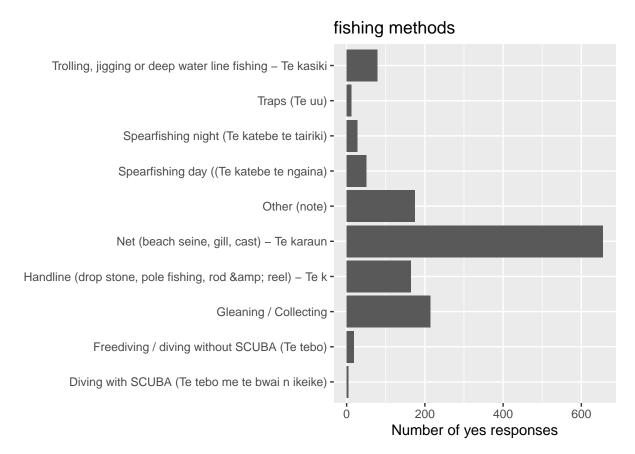
- Where is the market availability data that we had in the last iteration?
- [name of product]_roster is the availability data
- What is the meaning of NA in the multiselect variable columns?
- "." and ".a" in STATA both mean missing. Refer to Mike's May 27 email for example (and to check for consistency with R)
- Why does VRS have household info and anemia info?
- Why are these output as different files (vrs, market, etc. each broken into multiple separate files)
- It is easiest to have the fewest number possible
- Are they going to translate the HIES iKiribati responses?
- Variable labels are cut off (how do we get the full answers back?) see: var labels
- How to standardize units when none is given (e.g., question == Travel time outside boundary in outsideRoster dataset includes "12", "3", "30 minutes", "1 hour", etc)
- Is a response of "zero" the same as blank response?

Suggested path forward:

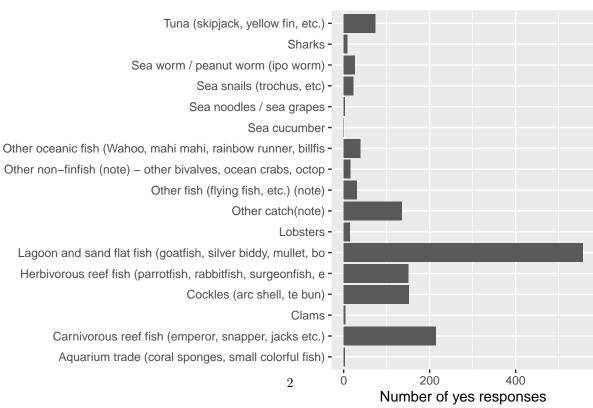
- 1. Write out tidy versions of each data set and share csv
- 2. Write functions to visualize each question type:
 - Multi- and single-select, produce bar chart
 - Integer, produce bar chart
 - Continuous, produce histogram and (TBD: box and whisker)
 - Free response, compile unique answers with unique IDs for translation, question, island, possibly role
- 3. Loop through data and produce pdf of all plots
- 4. TBD: Start to creat summaries by village/island

Fisheries data

Multi-response questions

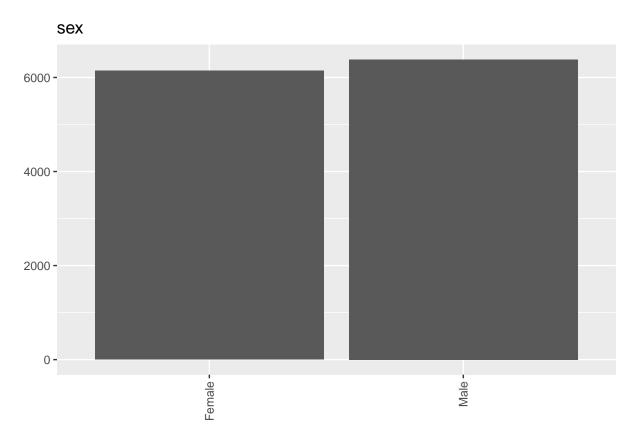


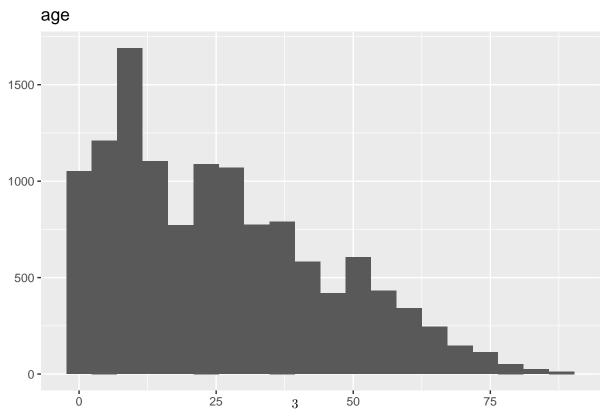
main catches

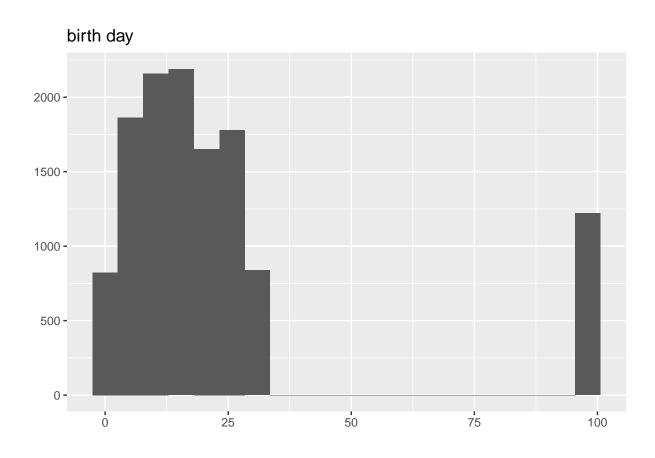


Fisheries continued...

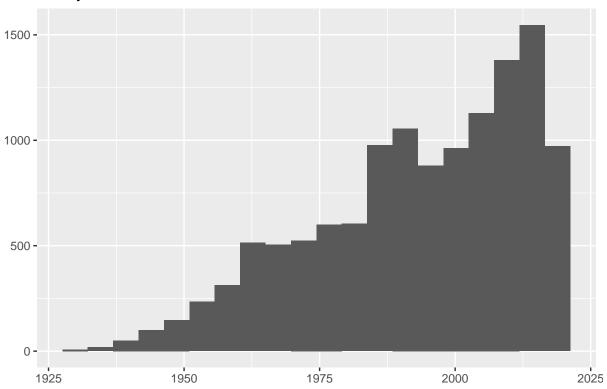
$Single\ response\ questions$

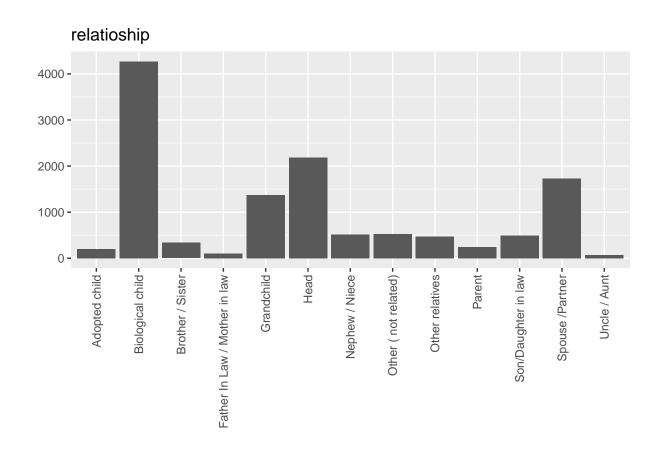




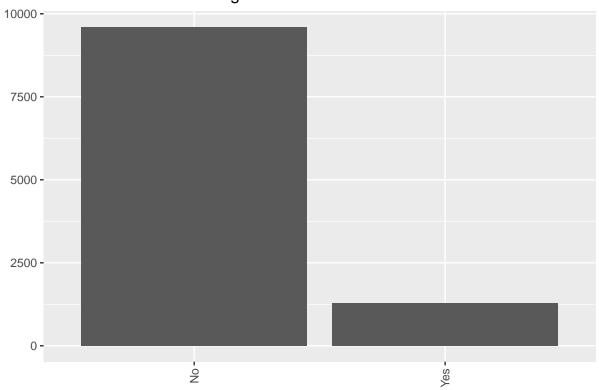


birth year

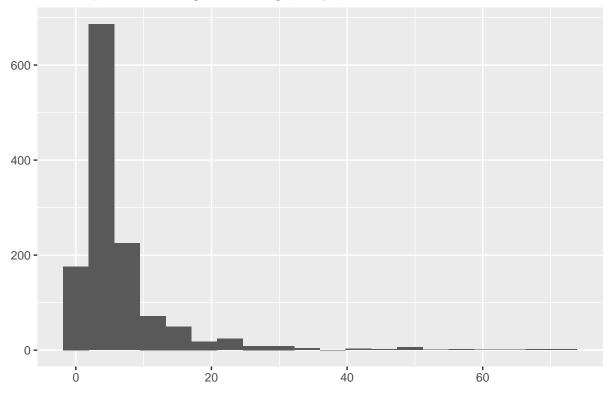




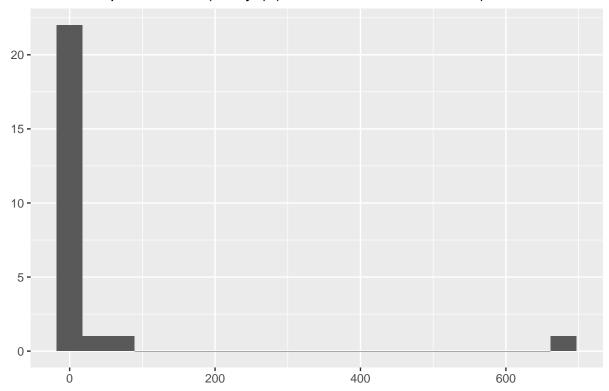
HM involvement in fishing



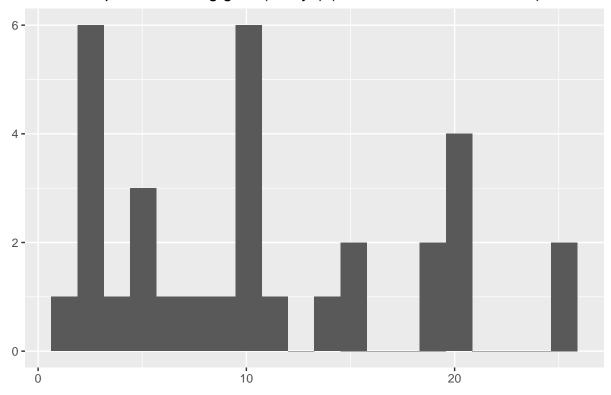
hours spent in fishing or hunting (7days)



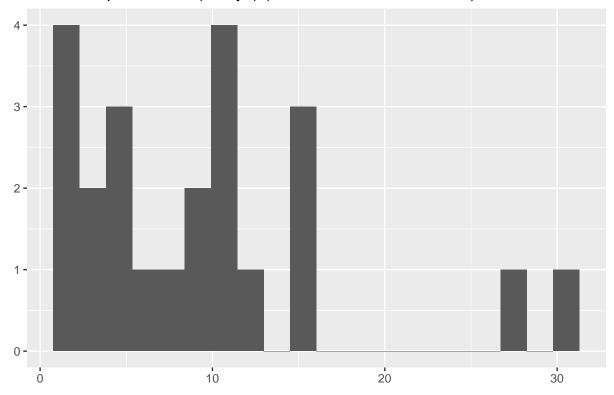
amounts spent for bait (7 days) (zeroes removed; n = 1268)



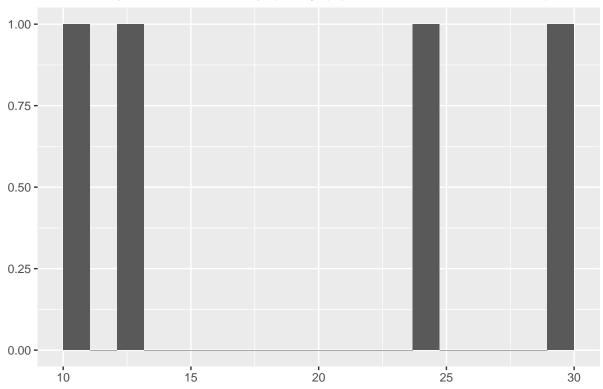
amounts spent for fishing gear (7 days) (zeroes removed; n = 1261)



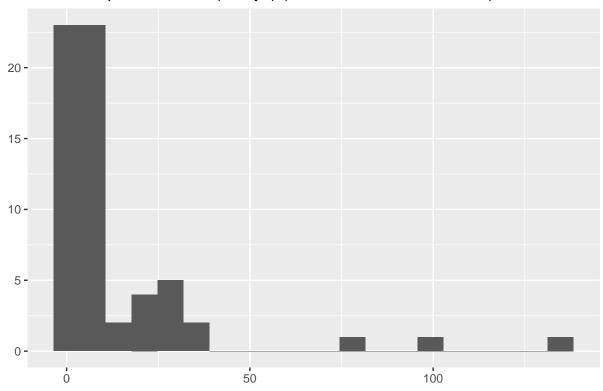
amounts spent for ice (7 days) (zeroes removed; n = 1270)



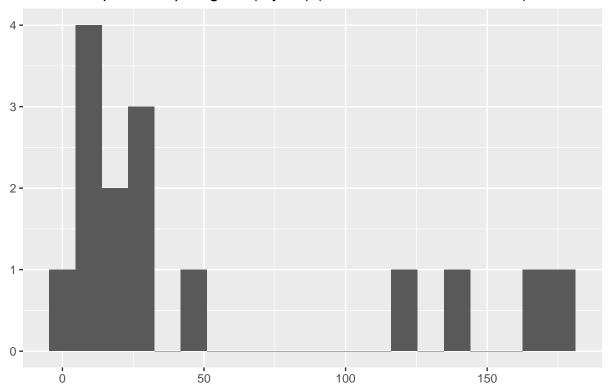
amounts spent for labour/help (7 days) (zeroes removed; n = 1289)



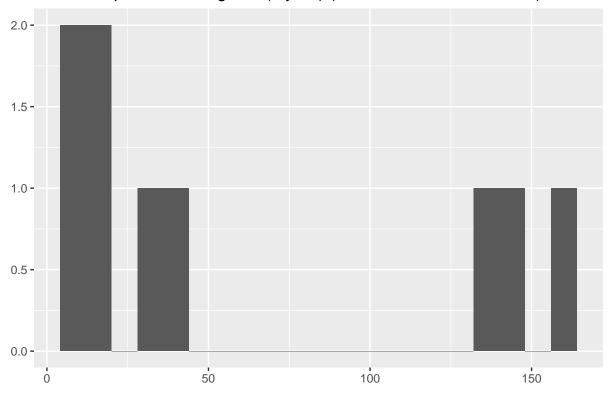
amounts spent for other (7 days) (zeroes removed; n = 1231)



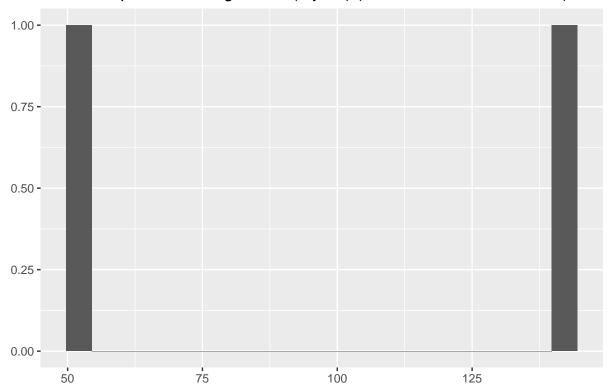
amounts spent for spearguns (1 year) (zeroes removed; n = 1278)



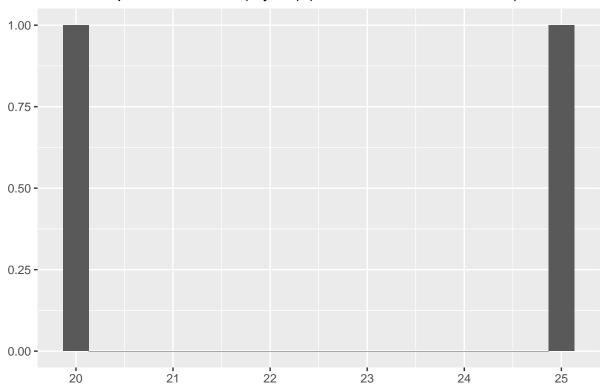
amounts spent on fishing rods(1 year) (zeroes removed; n = 1284)

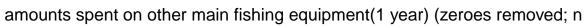


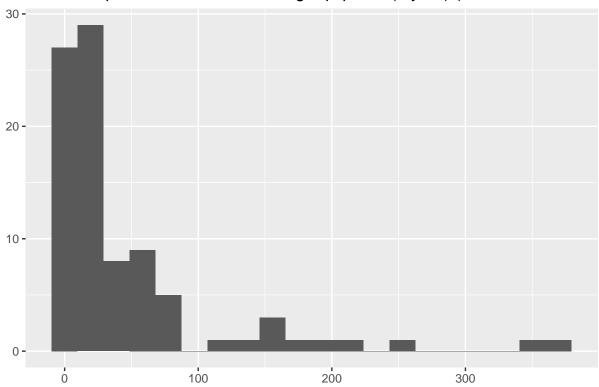
amounts spent on fishing wheels(1 year) (zeroes removed; n = 1291)



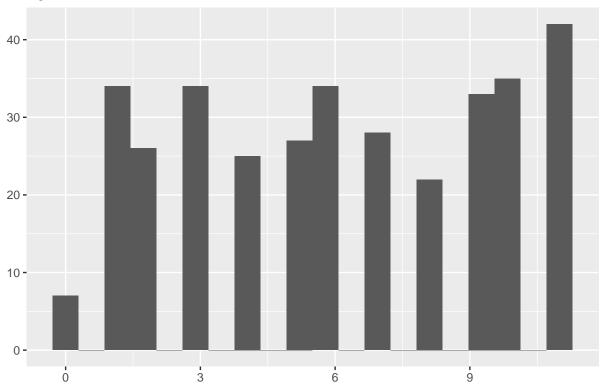
amounts spent on wetsuits(1 year) (zeroes removed; n = 1291)







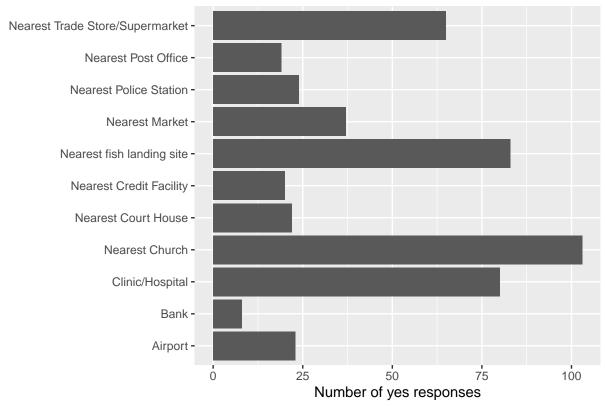
age in months



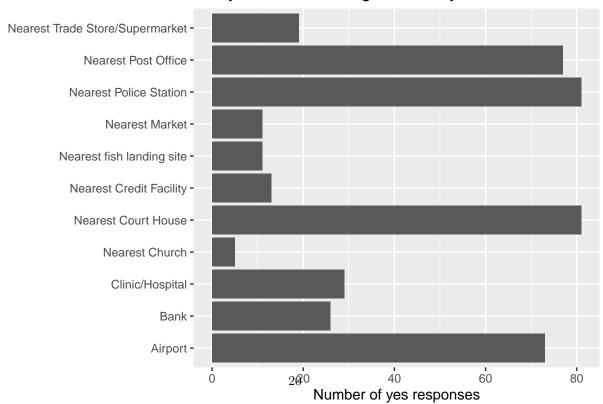
VRS Data

$Multi-response\ questions$

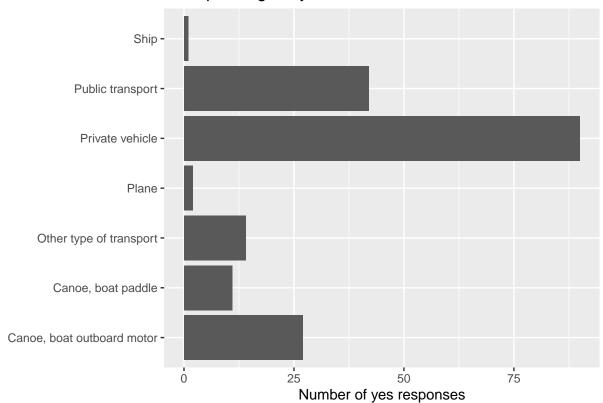
Entity within the village boundary



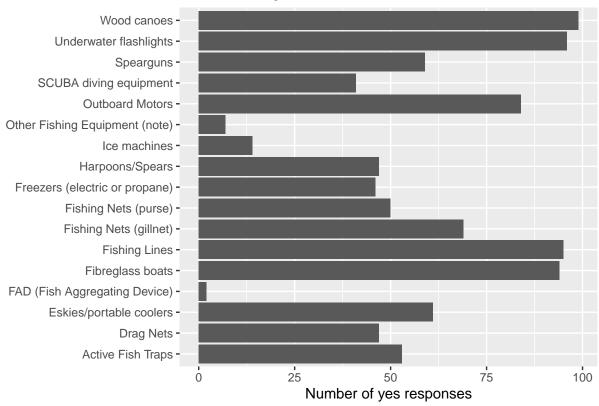
Entity outside the village boundary



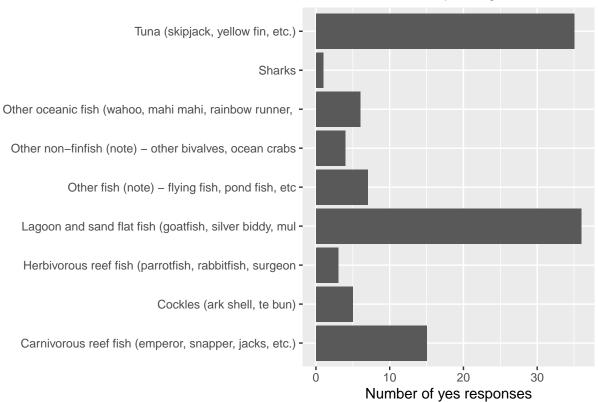
Transport regularly available



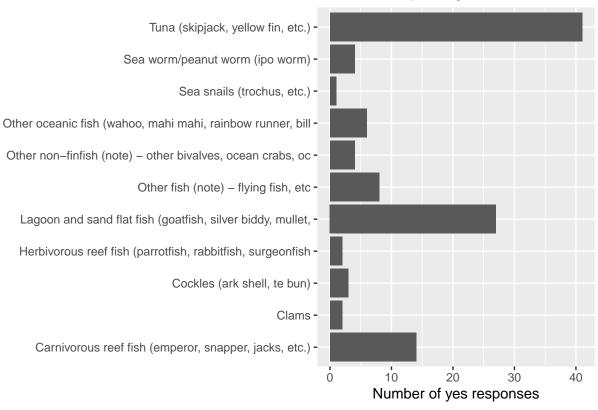
List of fishing assets



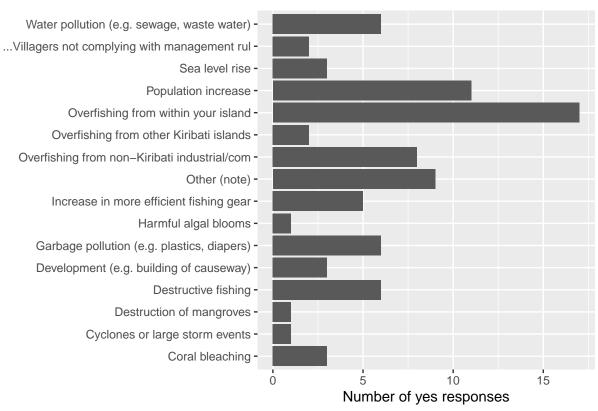
Items consumed by village

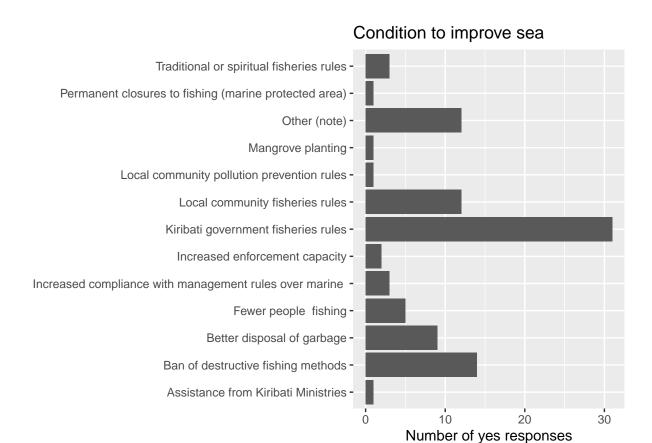


Items sold by village

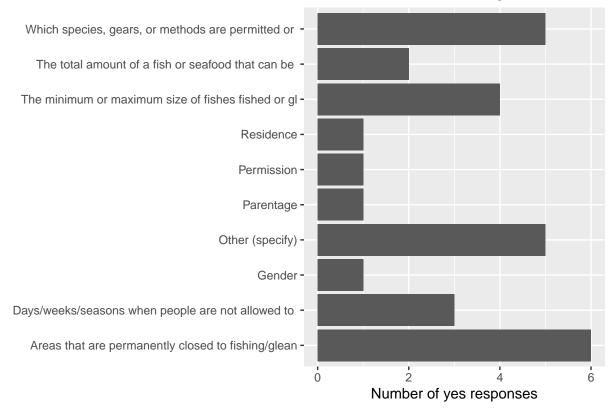


Reason for decline in sea condition

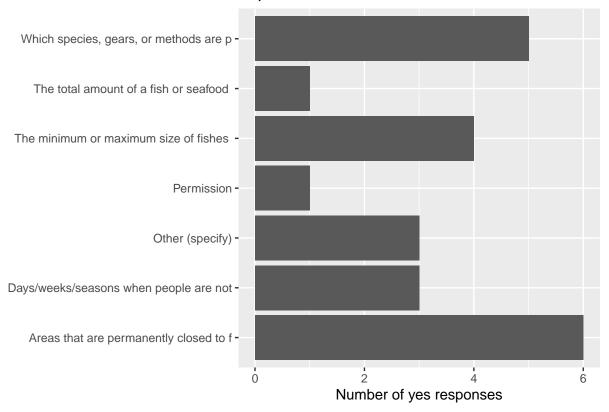




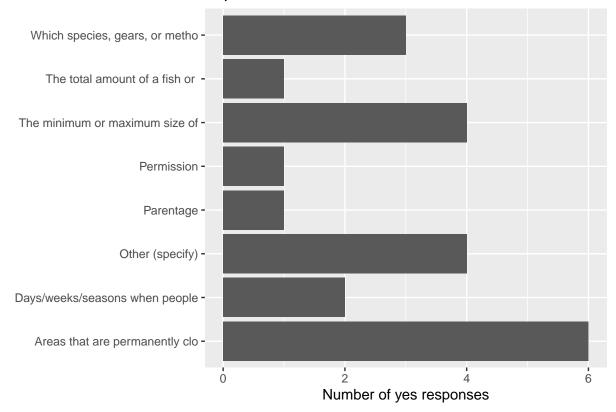
Traditional rules for fishing



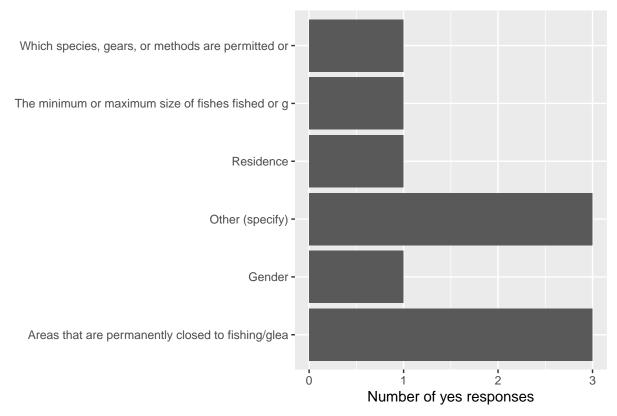
Important traditional rule to access fish



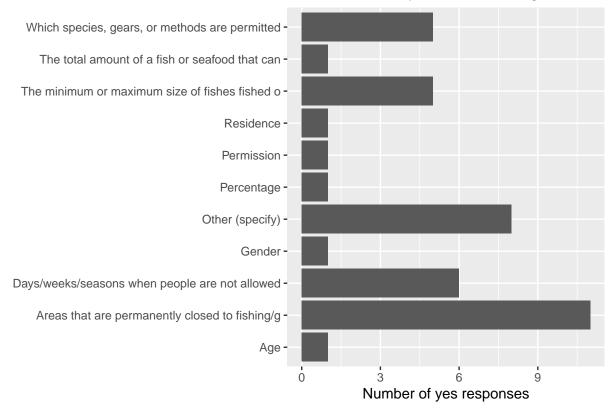
Important traditional rule to maintain fish stock



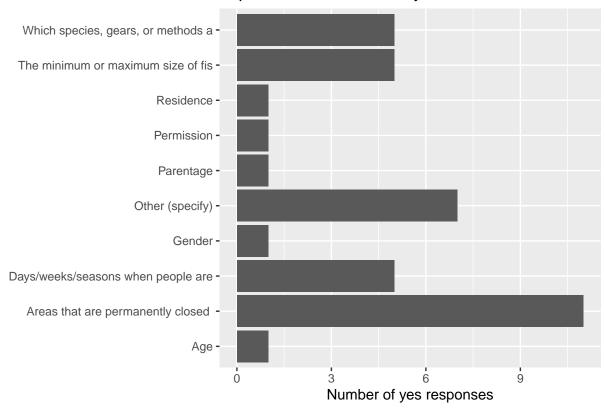
Traditional rules not followed



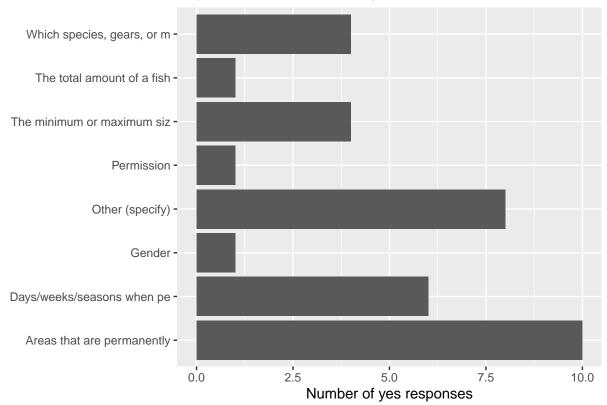
Local community rules for fishing



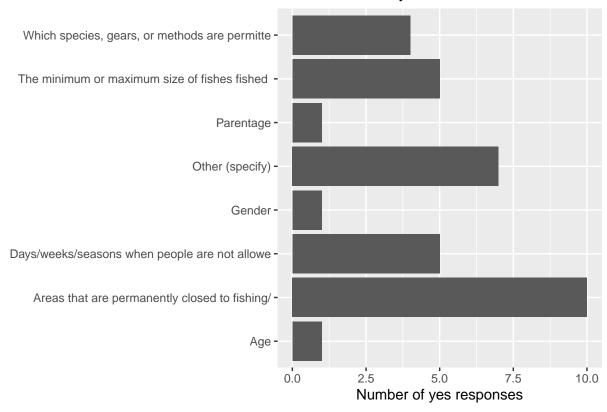
Important local community rule to access fish



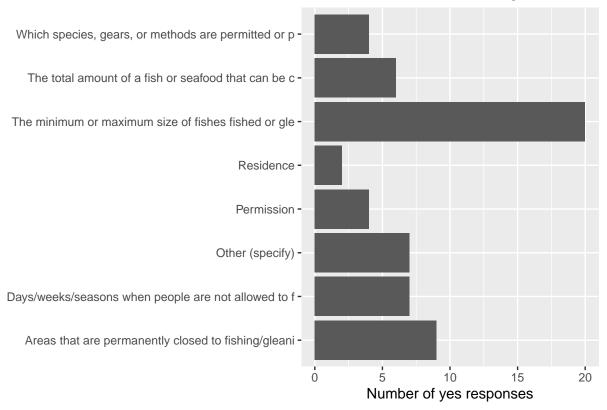
Important local community rule to maintain fish stock



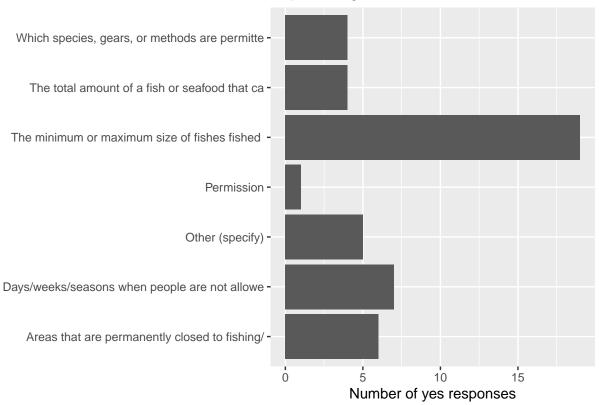
Local community rules not followed



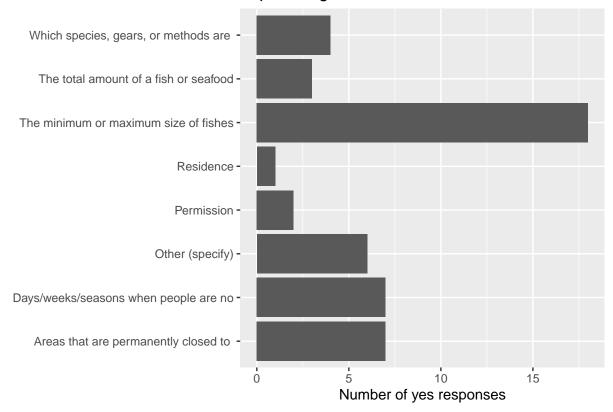
Government rules for fishing



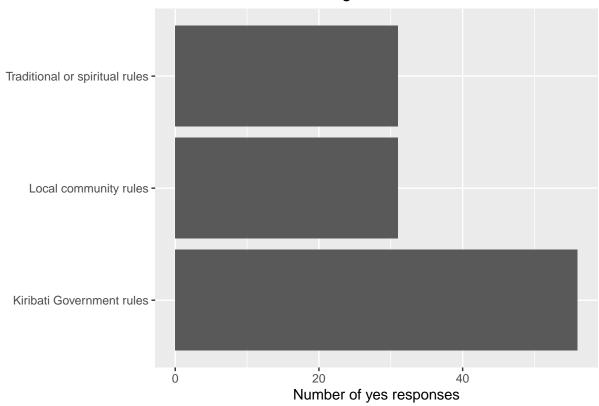
Important govt rule to access fish



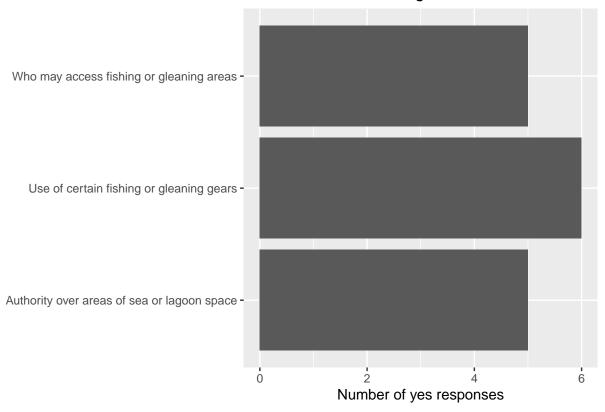
Important govt rule to maintain fish stock



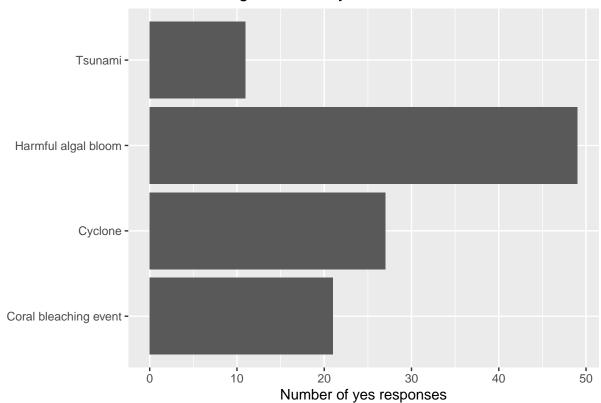
Penalties for not adhering to rules



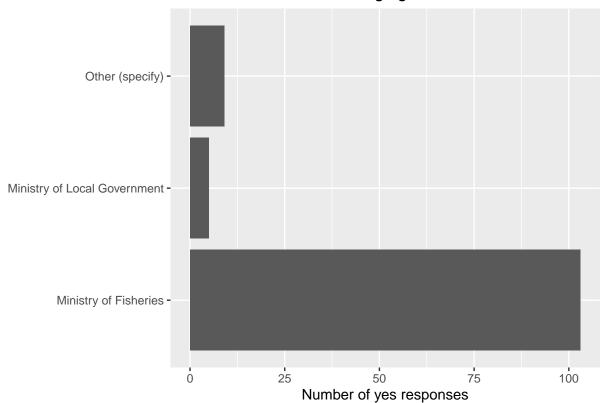
Conflicts between villages



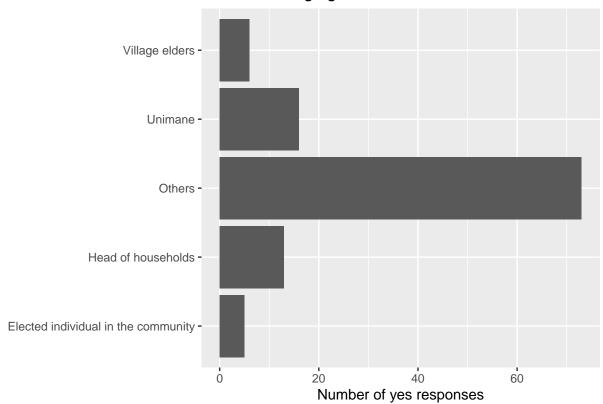
Event occurring the last 10 years



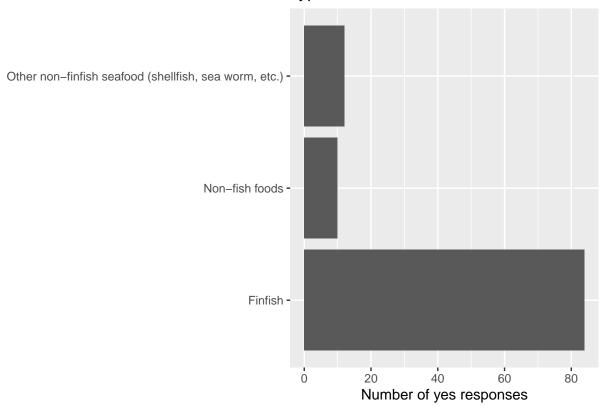
Area of Government managing sea area



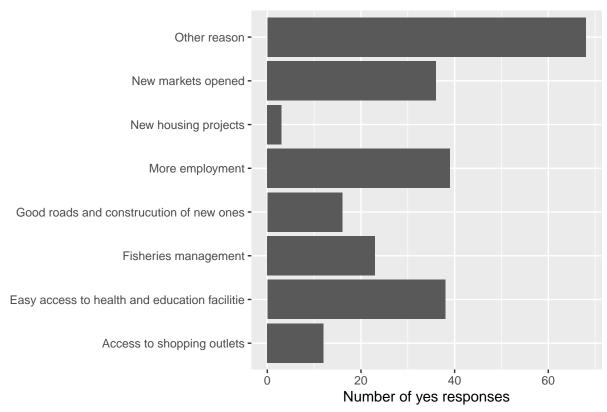
Person managing the sea area



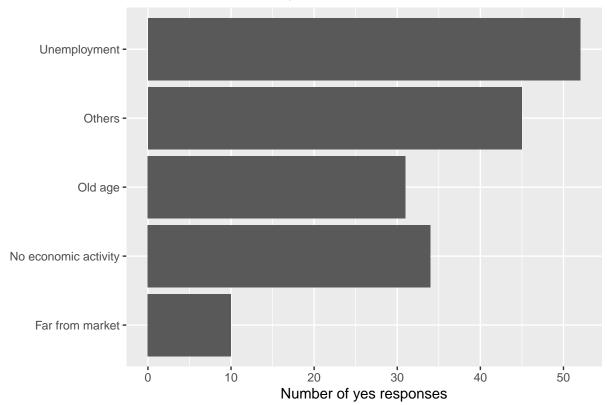
Type of catches shared



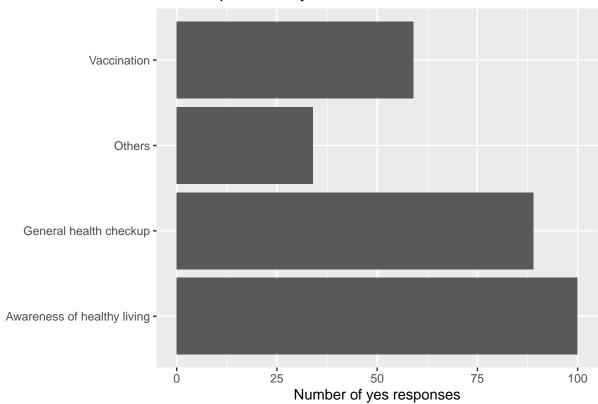
Better reason of livelihood status

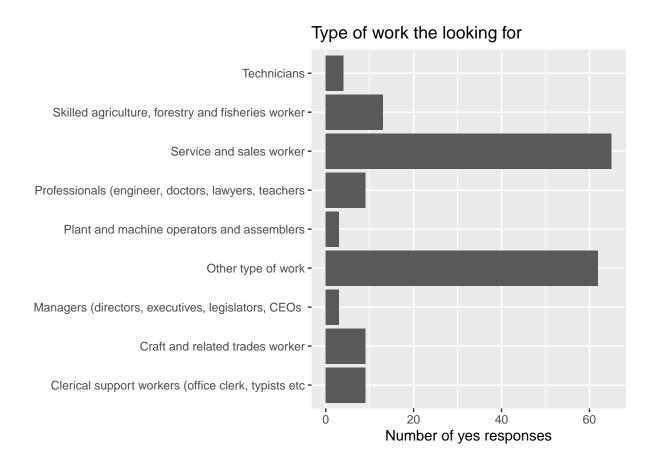


Factors contribute to poor

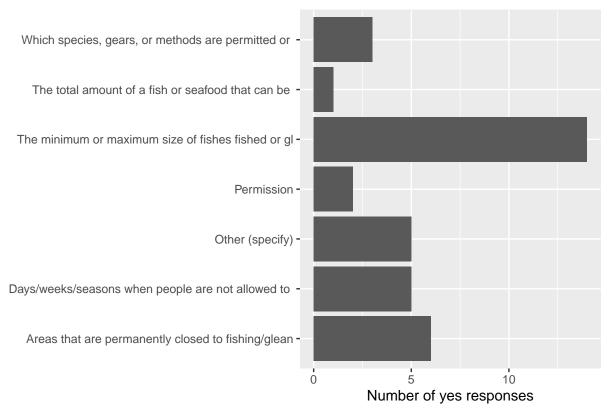


Service provided by health worker

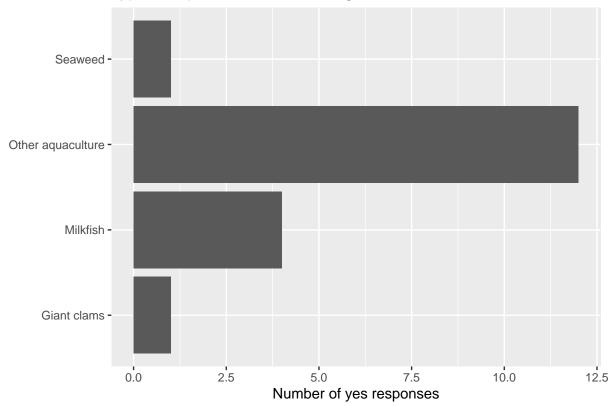




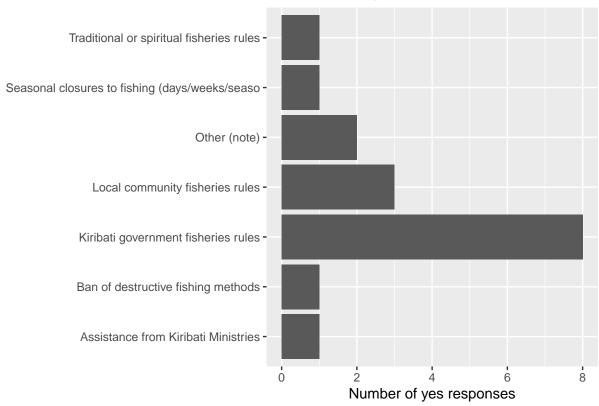
Government rules not followed



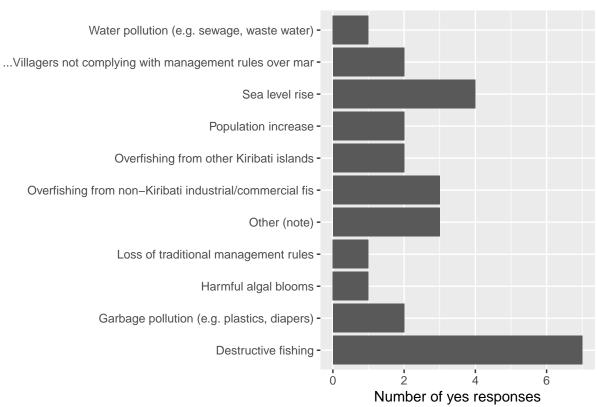


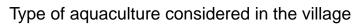


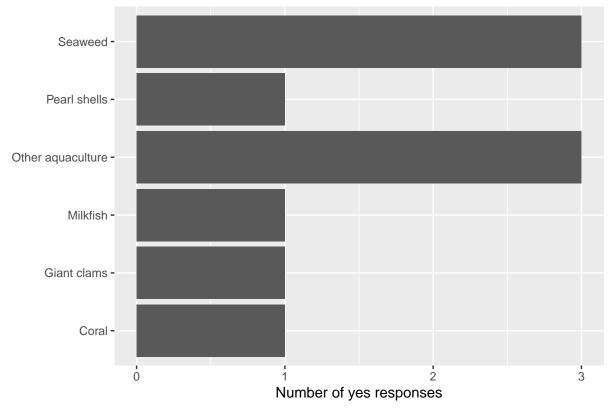
Reason for improved sea condition



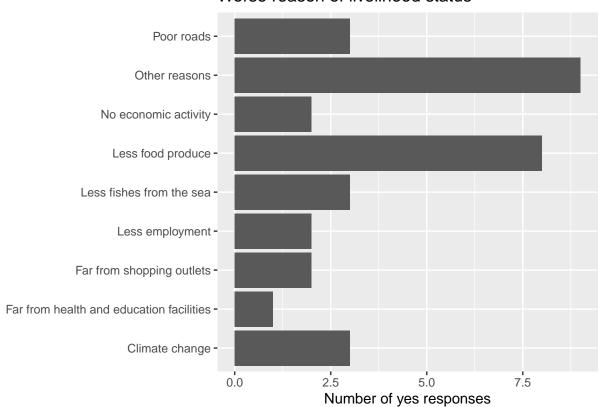
Threats to sea condition







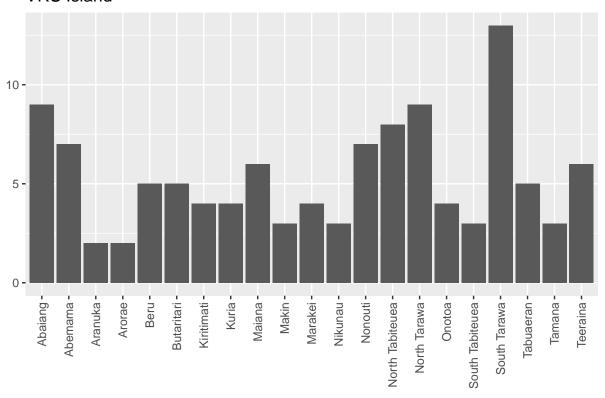
Worse reason of livelihood status



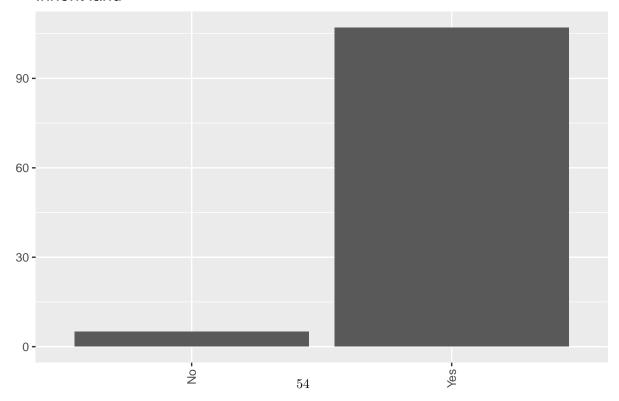
\overline{VRS} continued...

$Single\ response\ questions$

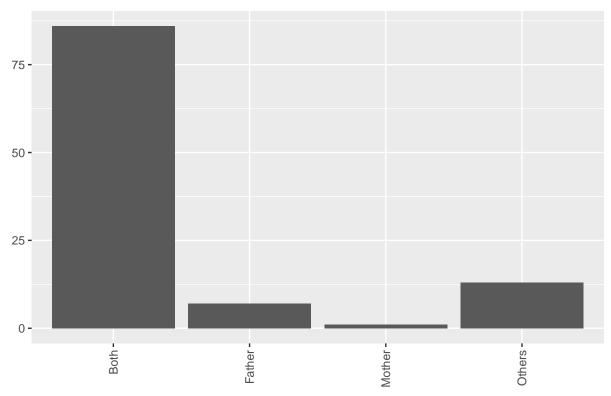
VRS Island



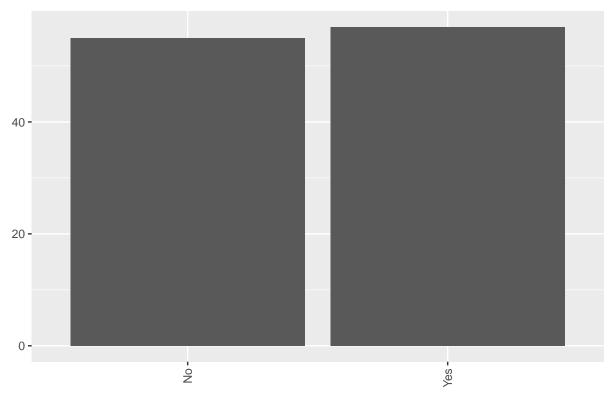
Inherit land



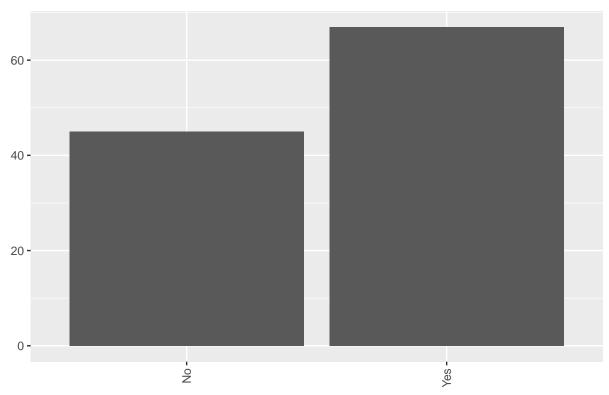
Inherit land from who



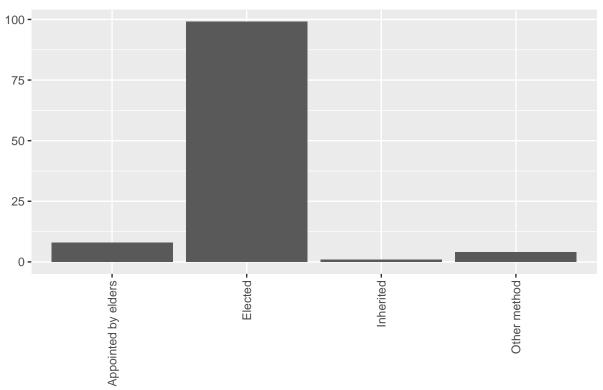
Purchase land



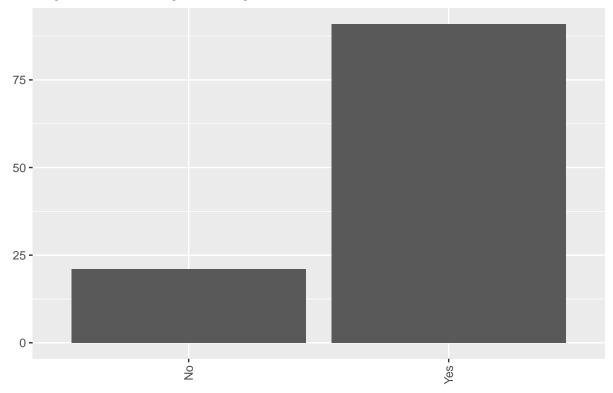
Sell land



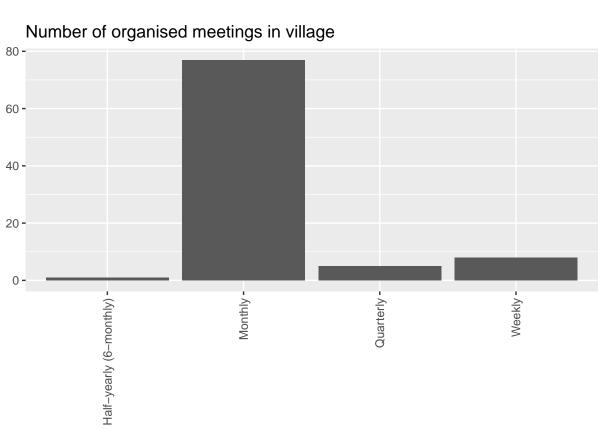
How leader is chosen

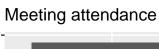


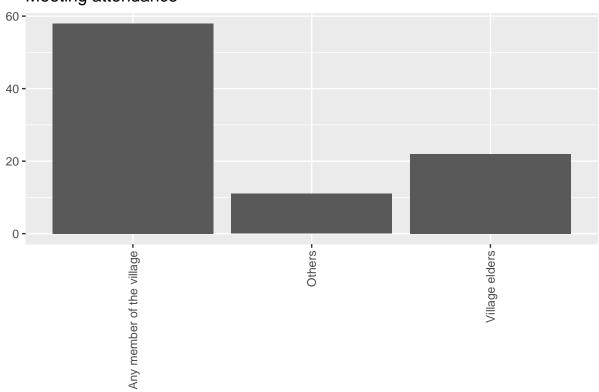
Organised meetings in village



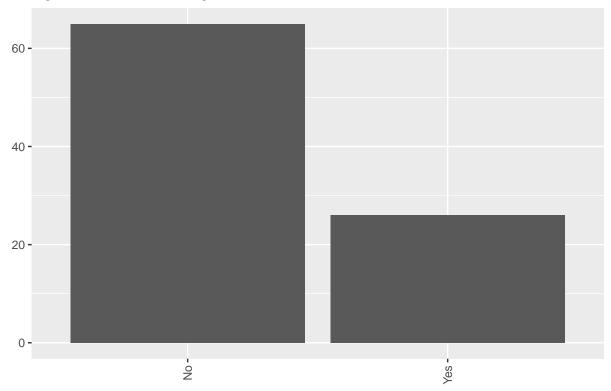




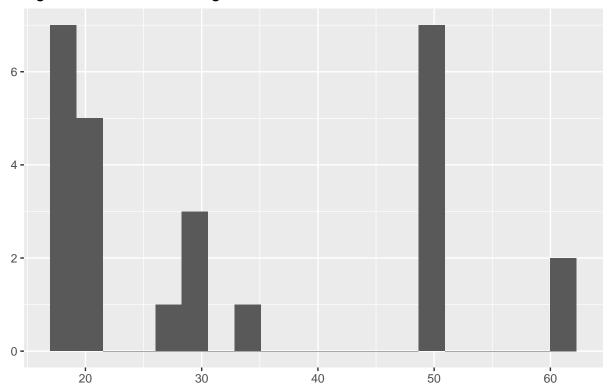




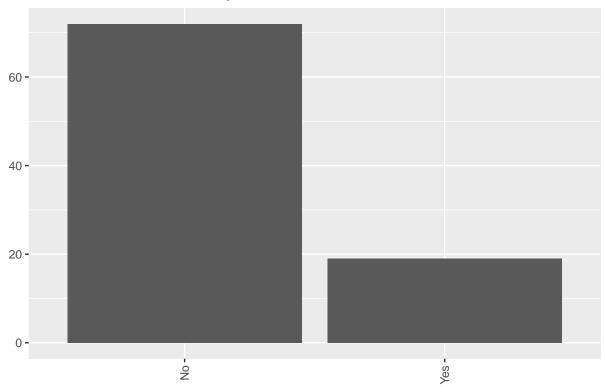
Age restriction meeting



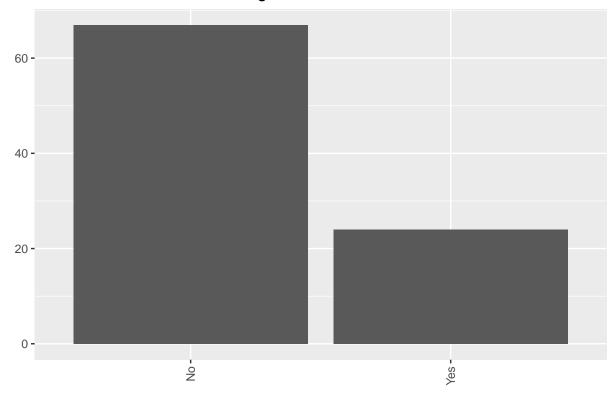
Age restriction to meeting



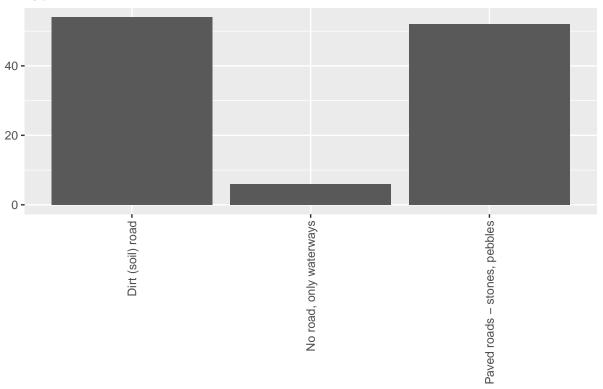
Gender restriction meeting



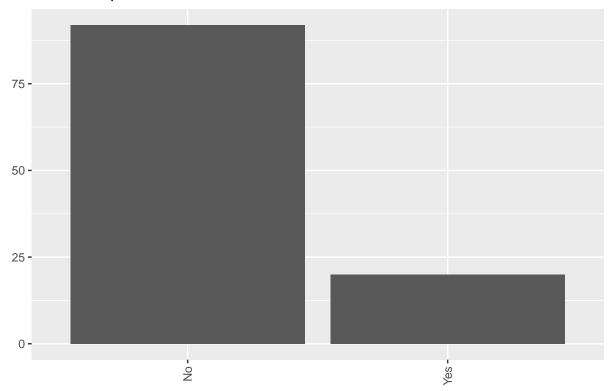
Residential restriction meeting



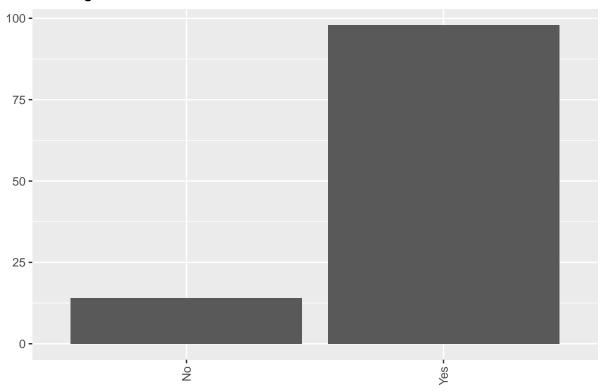




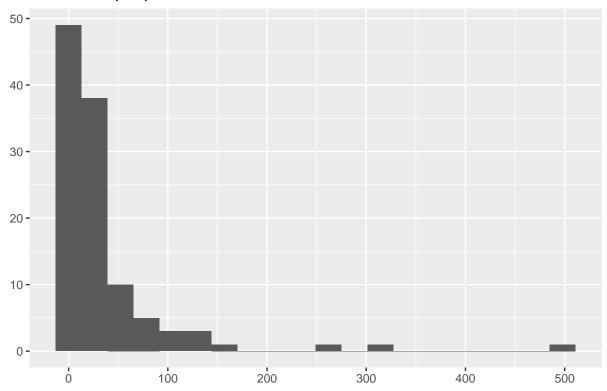
Boat transportation



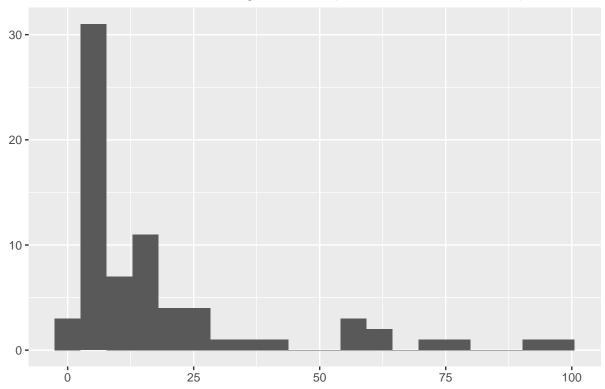
Looking for work



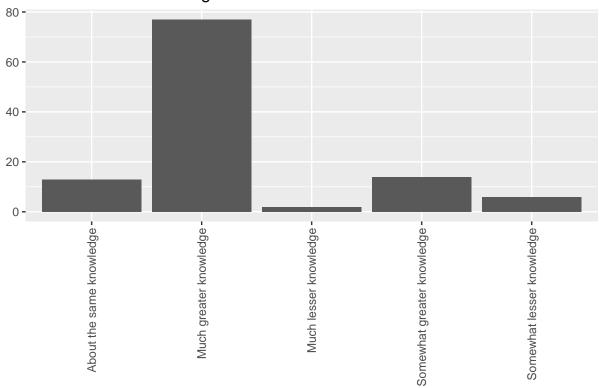
Number of people harvest from sea



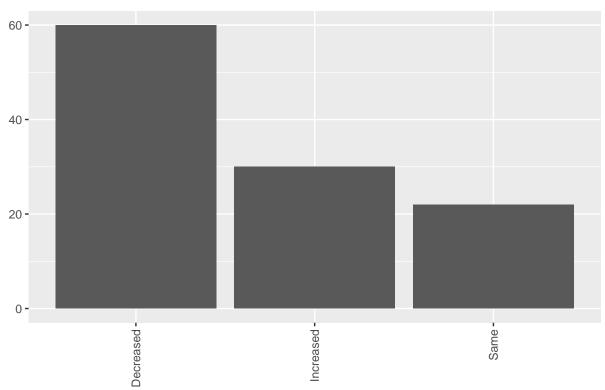
Number of women harvesting from sea (zeroes removed; n = 40)



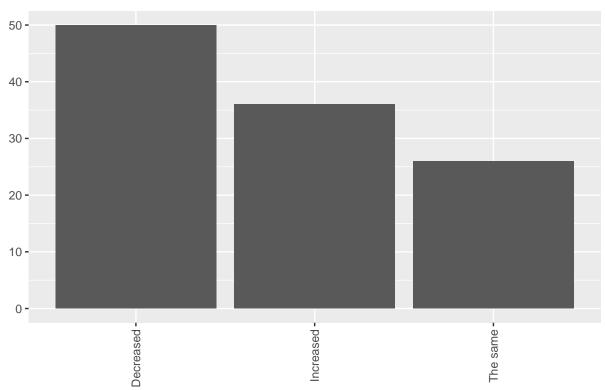




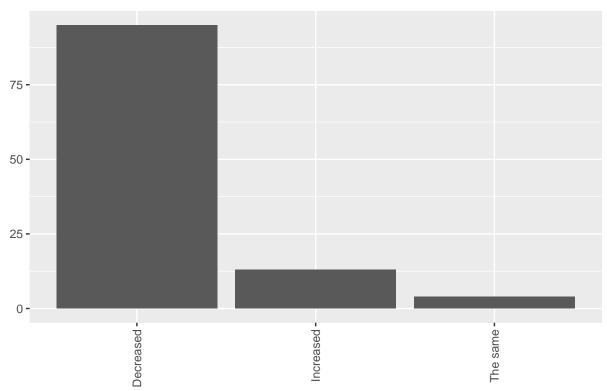
Number of seafood



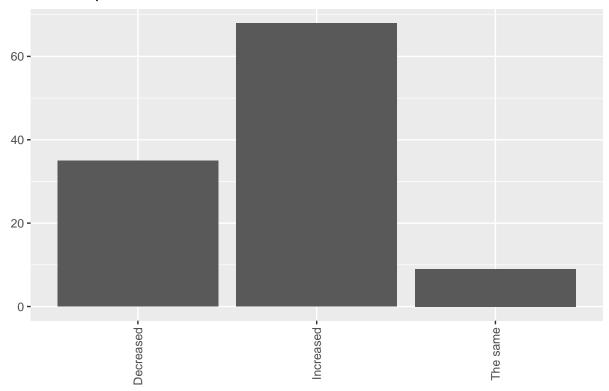
Level of fish stock



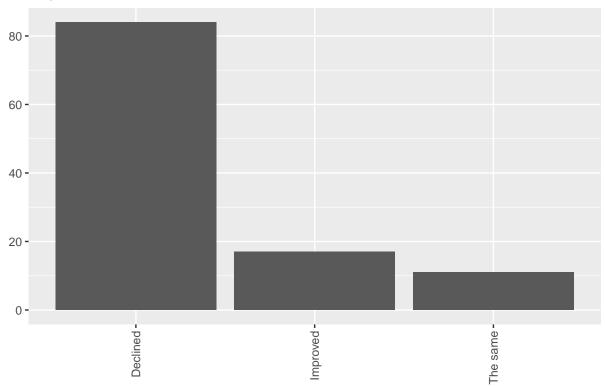
Level of shark stock



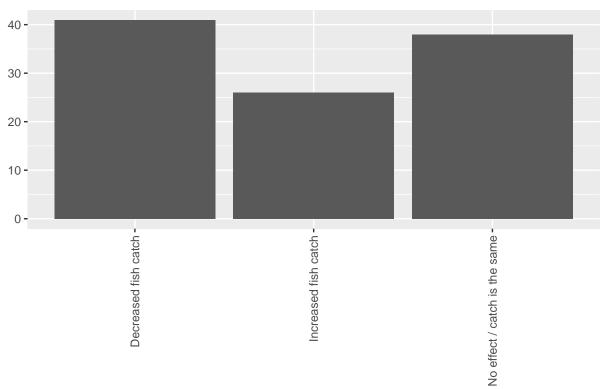
Consumption of ocean foods



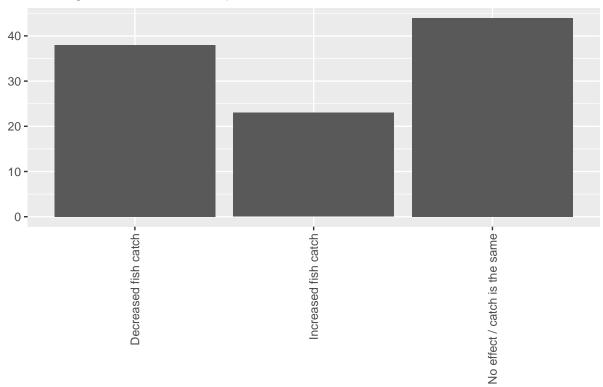
Physical condition of sea

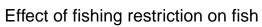


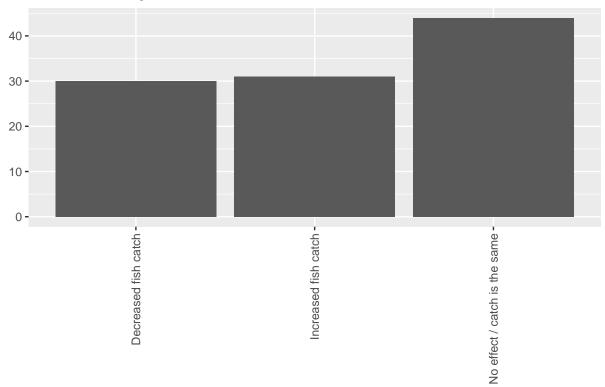
Local restriction on fish catch



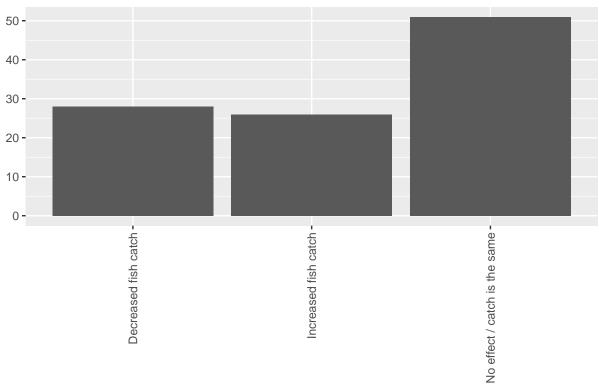




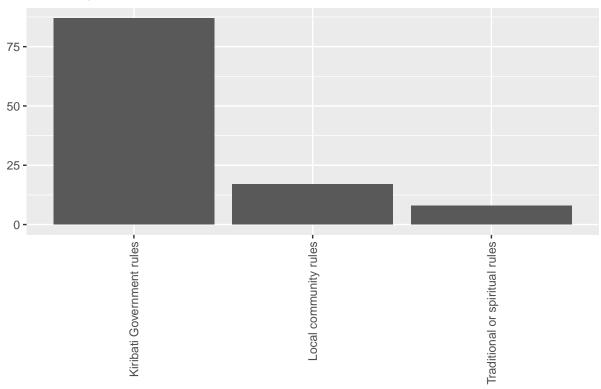




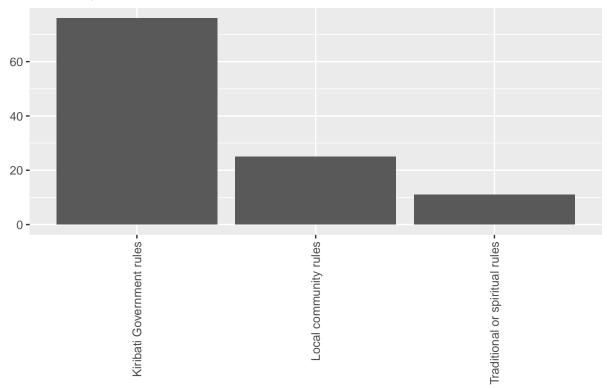




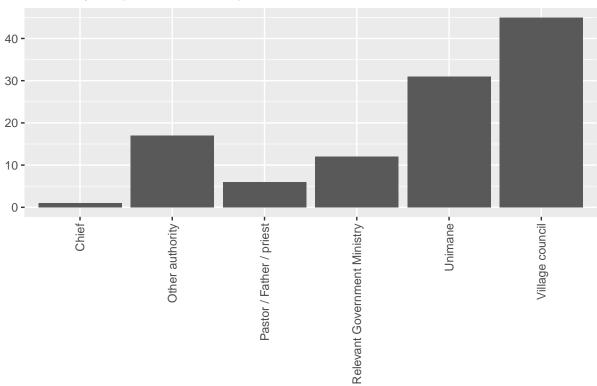
Most important rule to maintain fish stock



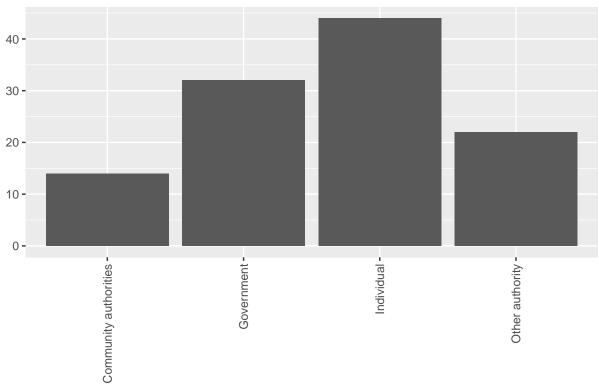
Most important rule for access to fish



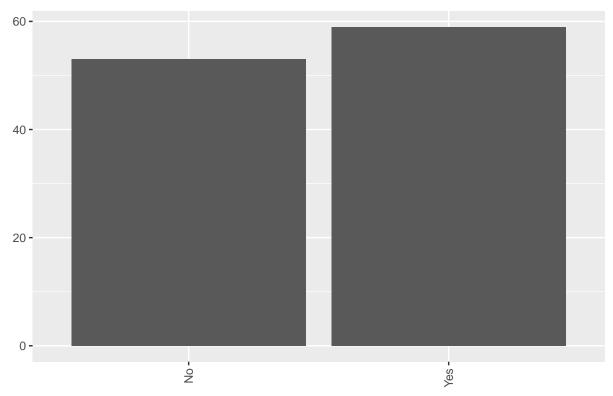




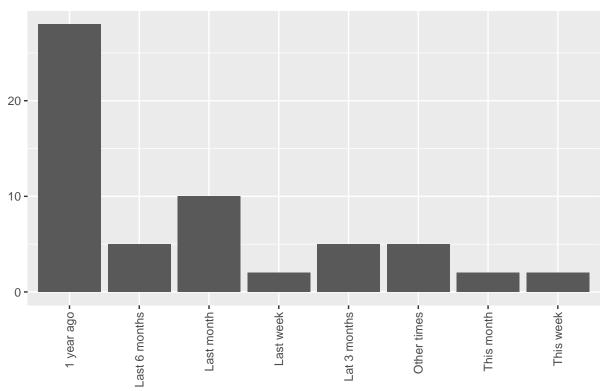
Authority influencing fishing activities



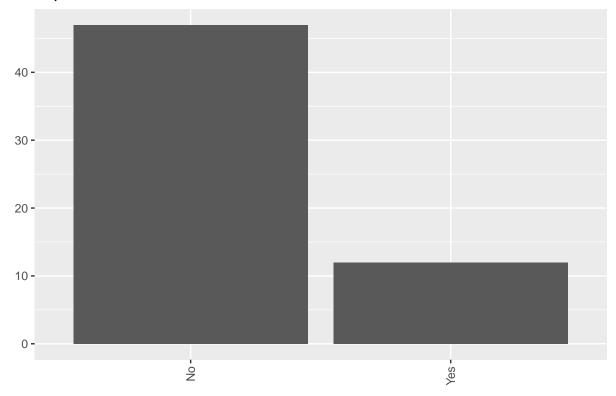
Awareness about CBFM



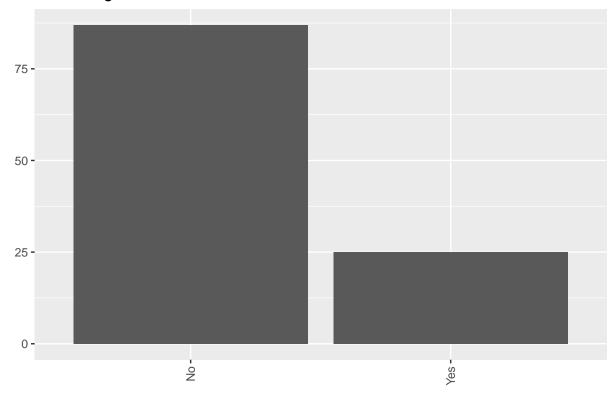
Last visit about CBFM



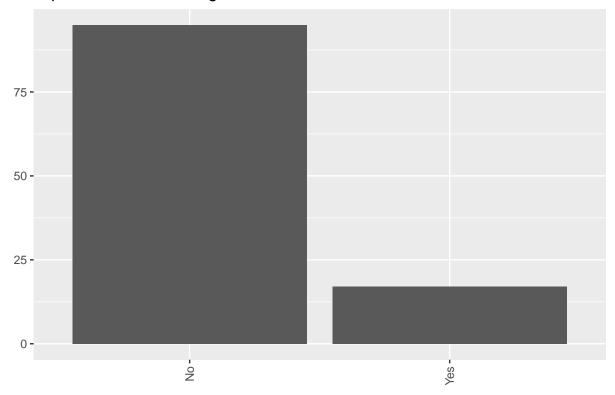
Implement CBFM



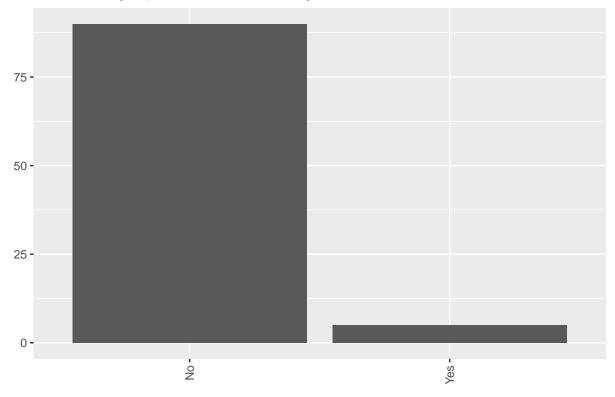
New village rule



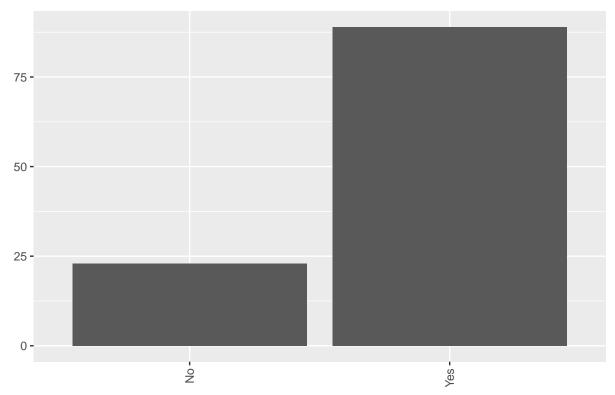
Aquaculture in the village



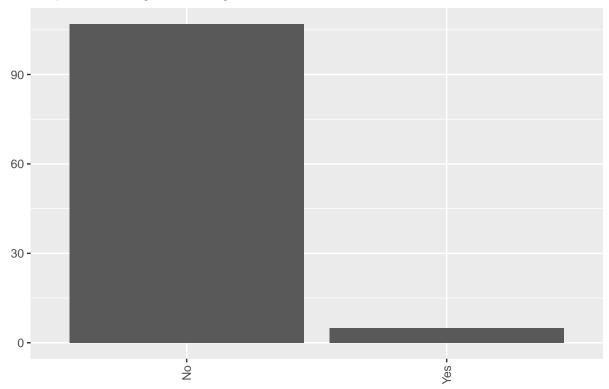
Considering aquaculture in the village



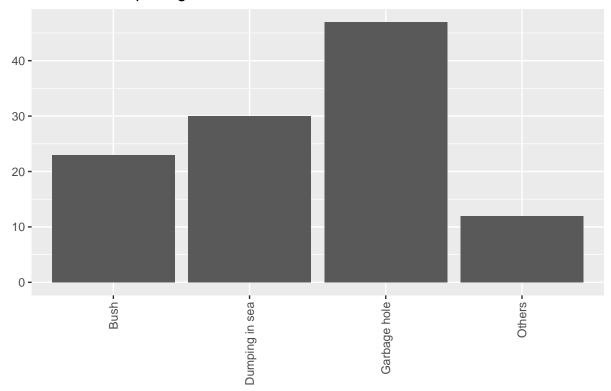
Catches shared



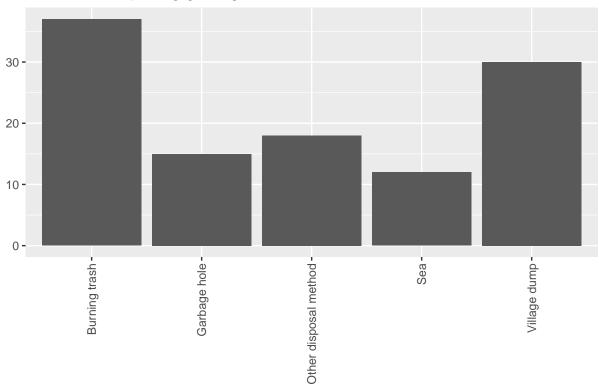
Disposal through sewerage channel



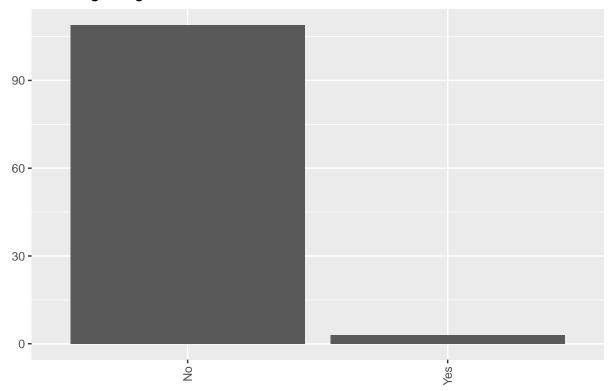
Method of disposing waste water



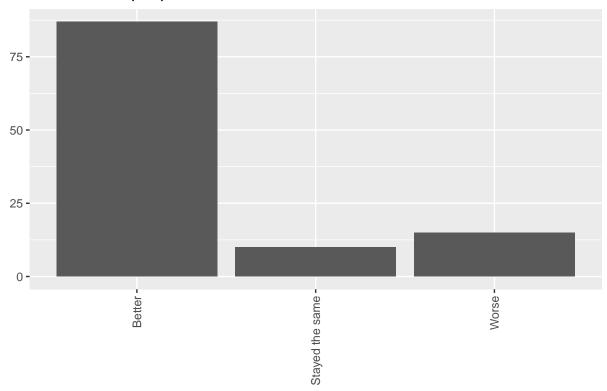
Method of disposing garbage



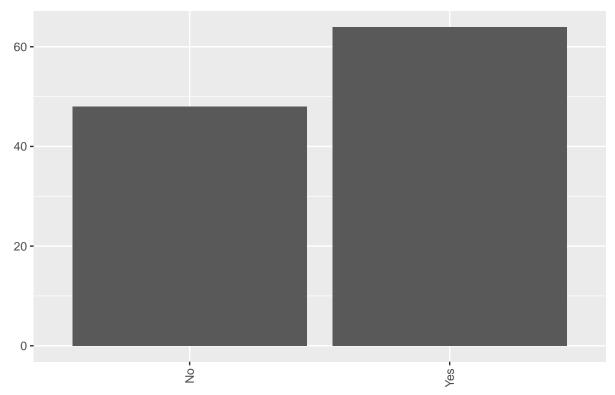
Fee for garbage collection

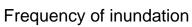


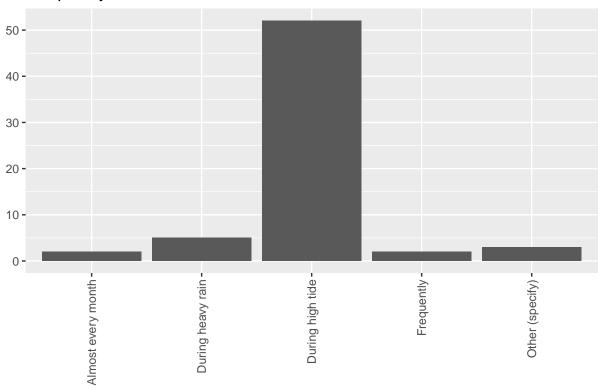
Livelihood of people



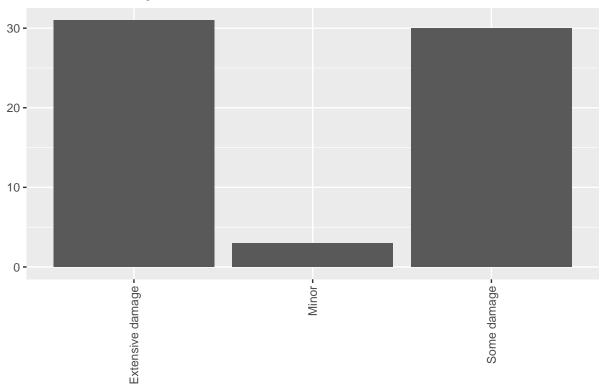
Salt water inundation



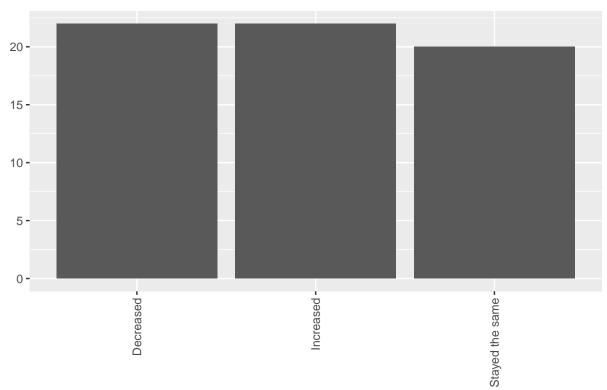




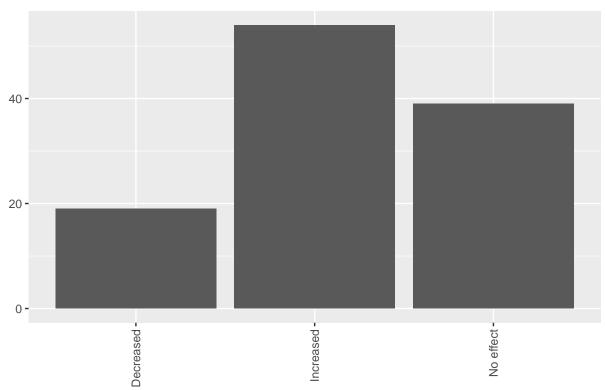
Extent of damage due to inundation



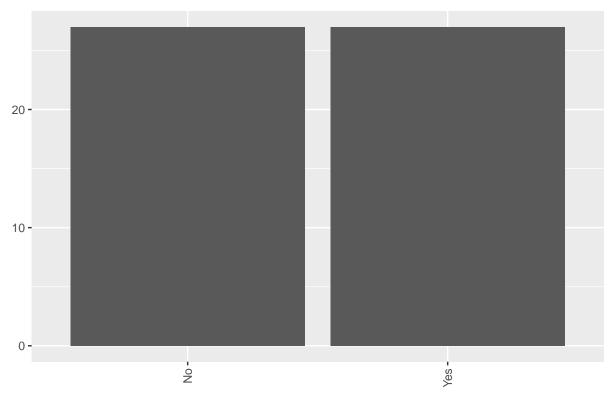
Rate of inundation



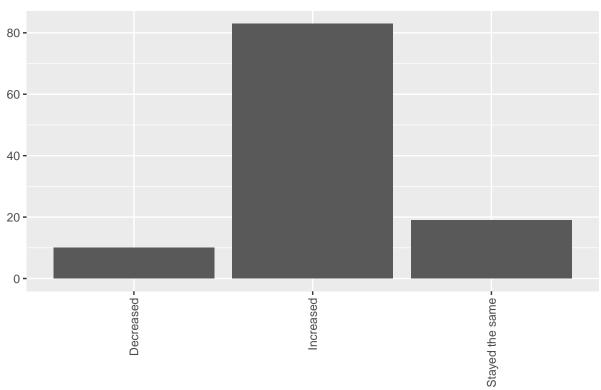
Effect of sea level



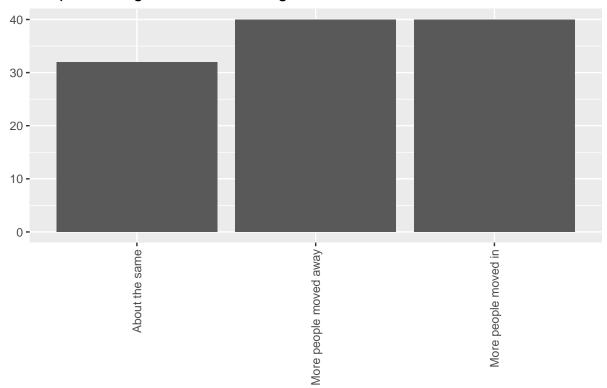
Relocate due to sea level



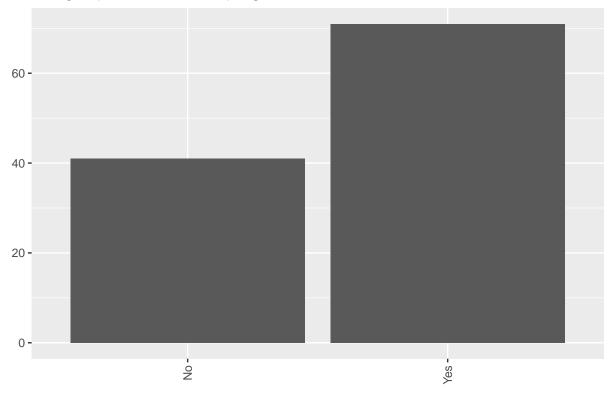
Erosion effect



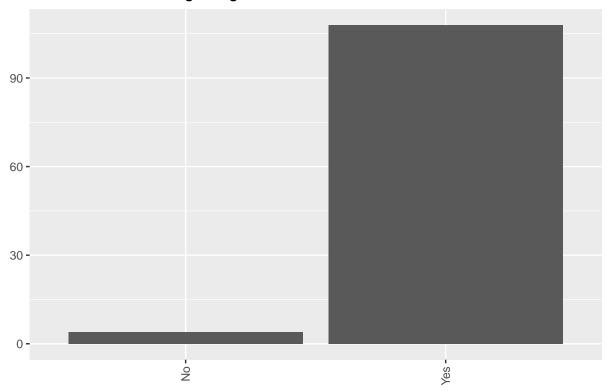
People moving in and out of village



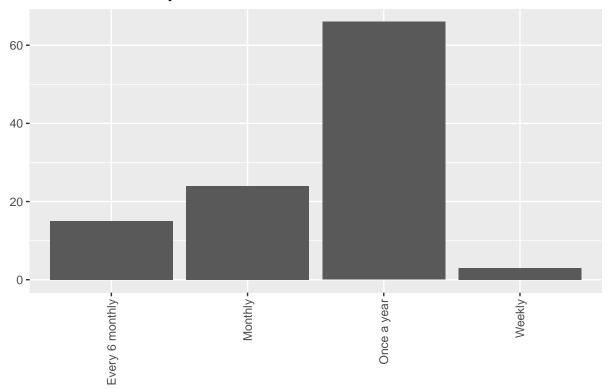
Village sponsored health program



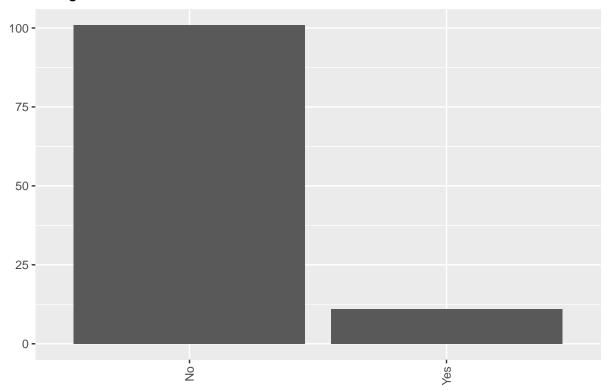
Health worker visiting village



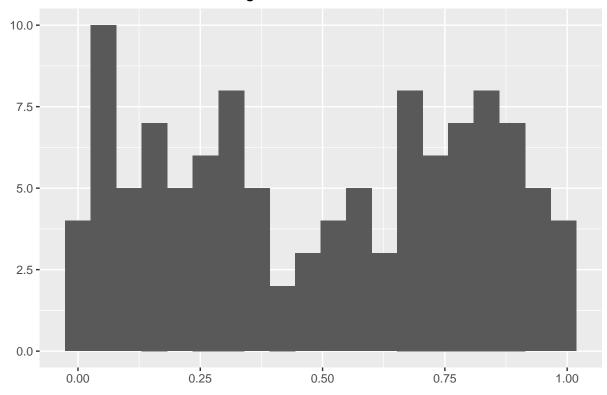
Number of visits by health worker

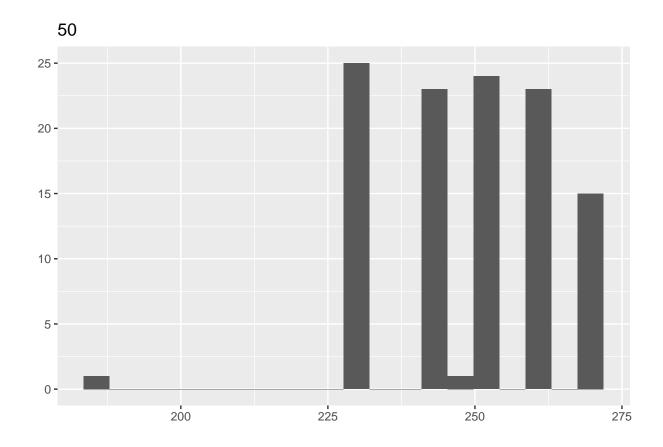


Village relocation

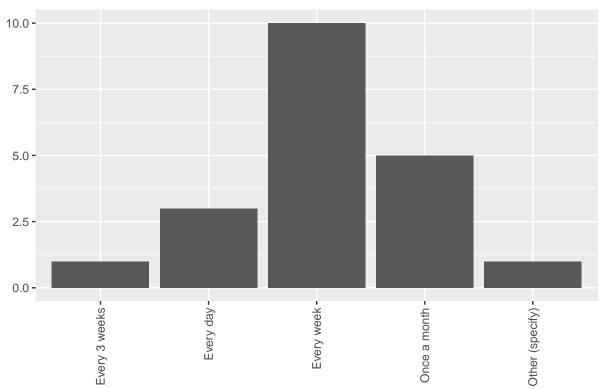


Random number in the range 0..1 associated with interview

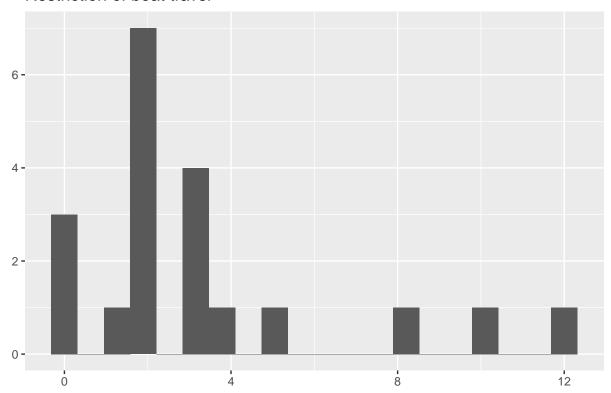




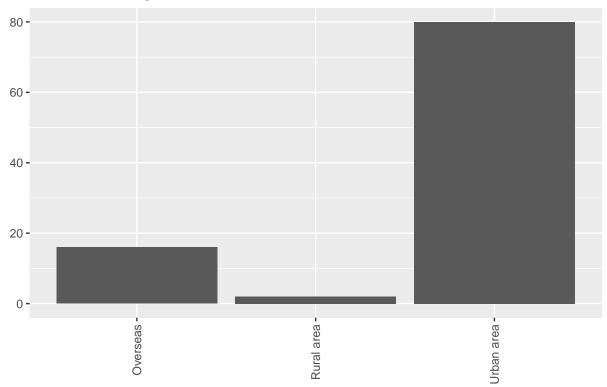
Number of times vessels come



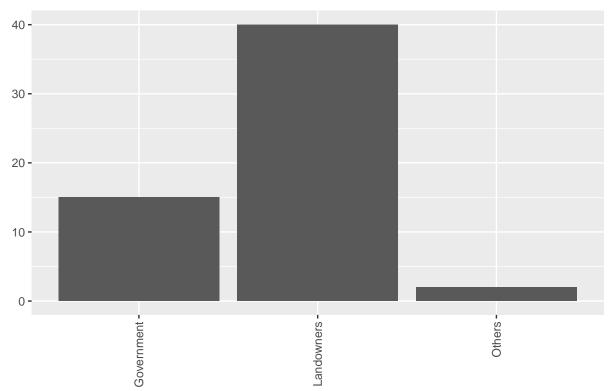
Restriction of boat travel



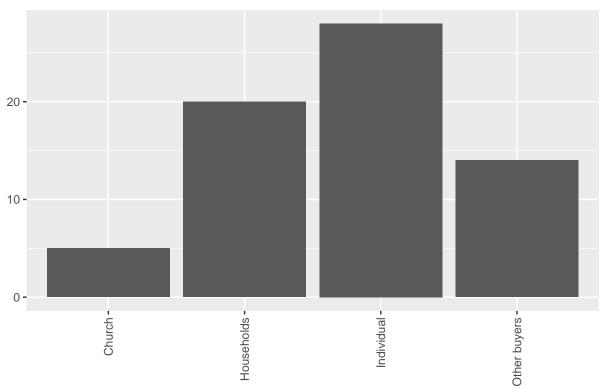
Place of looking for work

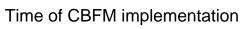


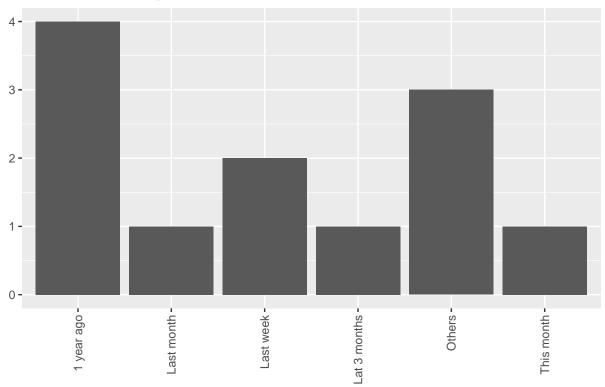
Purchase land from who



Sell land to who



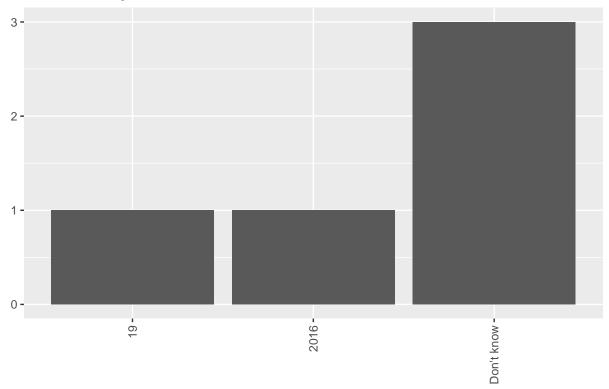




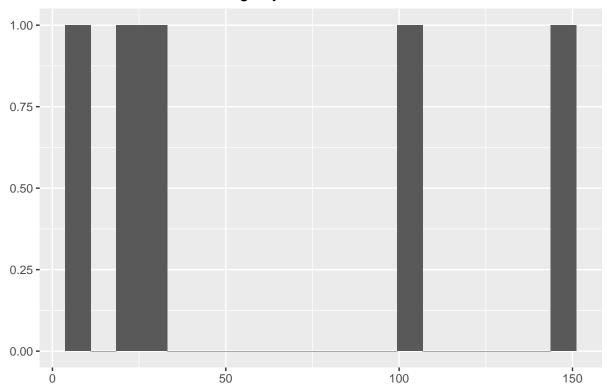
Catches due to FAD

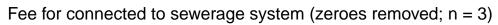


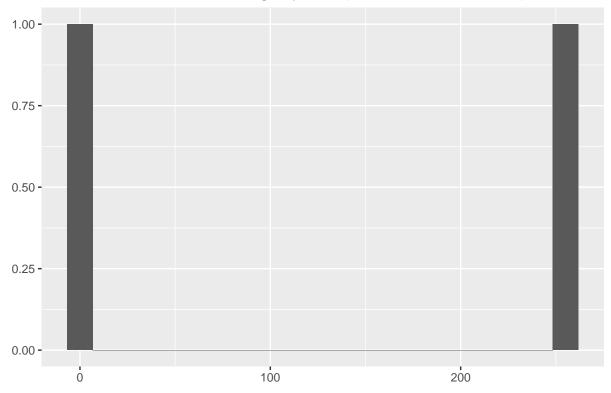
Year sewerage channel was introduced

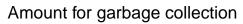


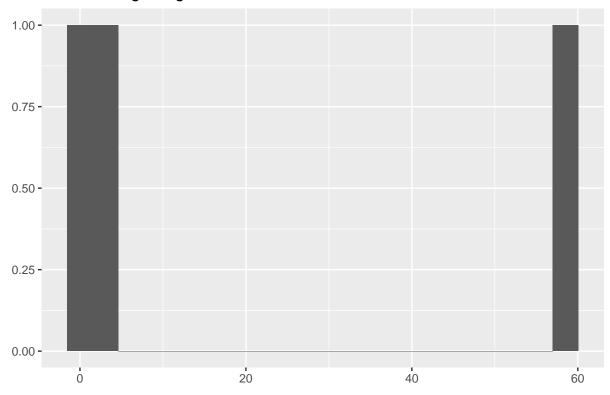
Cost to connect to sewerage system









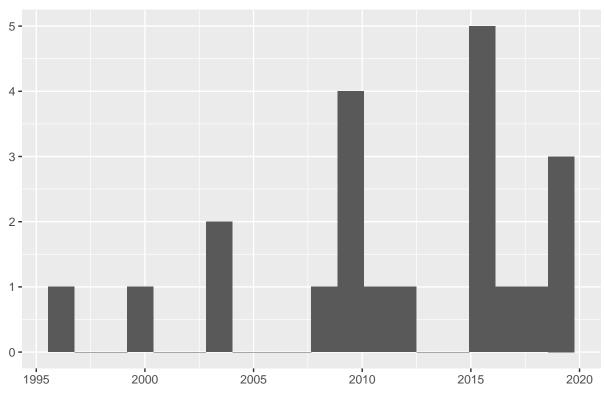


Event Roster Data: List of events

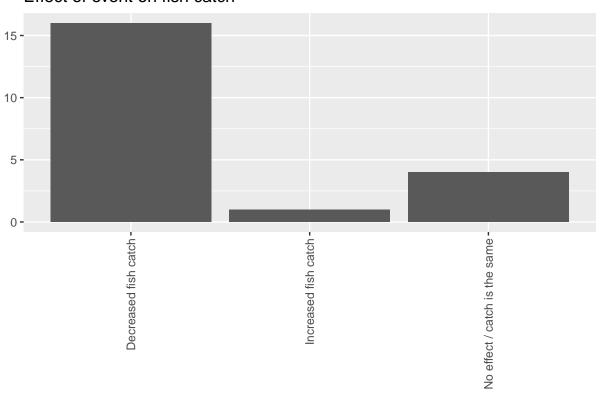
```
## # A tibble: 4 x 1
## event_roster__id
## <chr>
## 1 Coral bleaching event
## 2 Cyclone
## 3 Harmful algal bloom
## 4 Tsunami
```

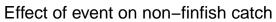
Event: Coral bleaching

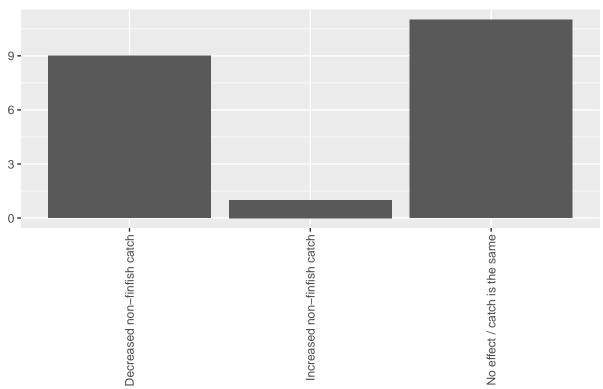
Time of occurrence of event



Effect of event on fish catch

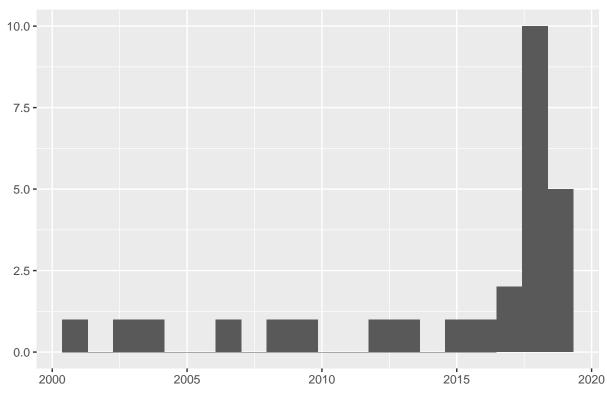




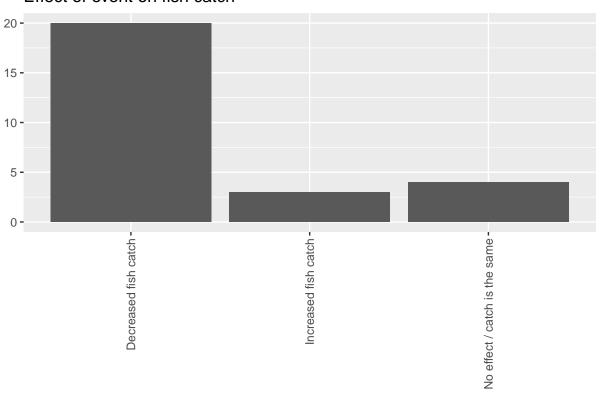


Event: Cyclone

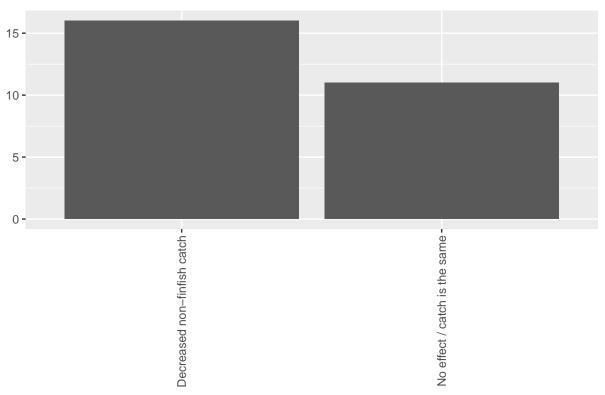
Time of occurrence of event



Effect of event on fish catch

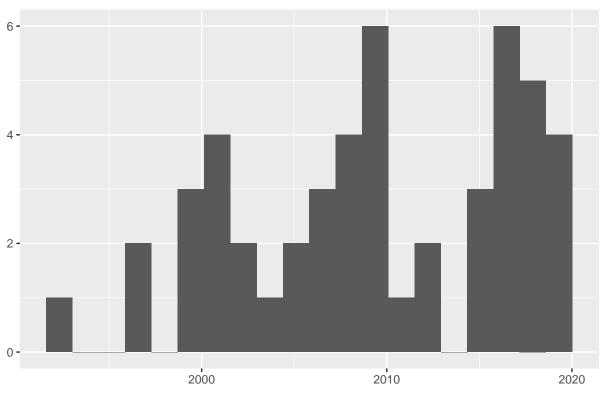


Effect of event on non-finfish catch

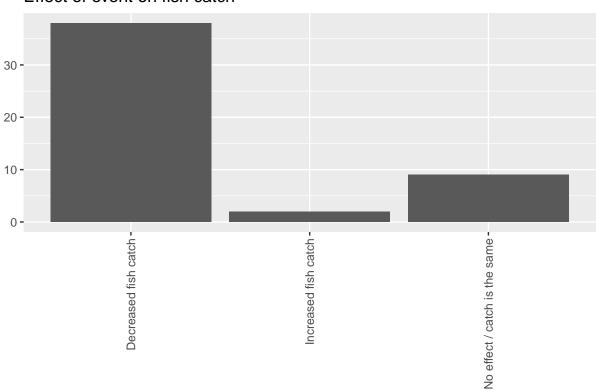


Event: Harmful algal bloom

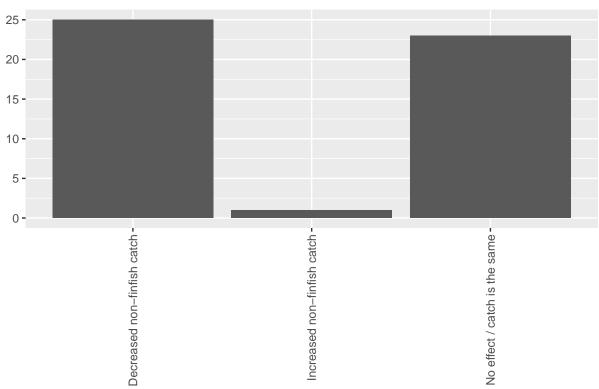
Time of occurrence of event



Effect of event on fish catch

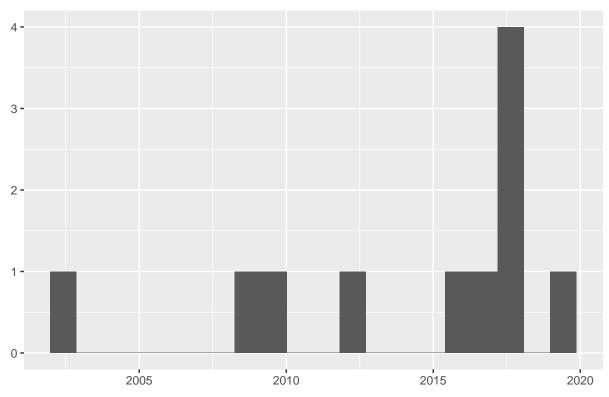


Effect of event on non-finfish catch

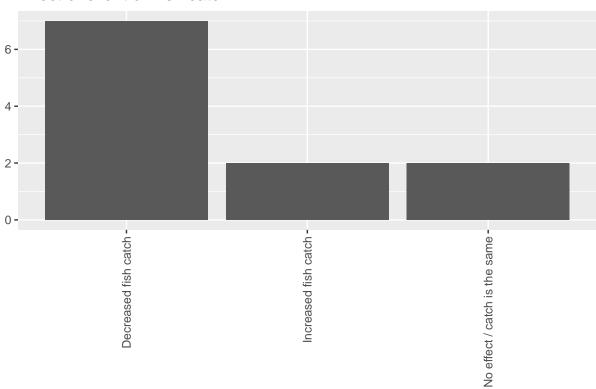


Event: Tsunami

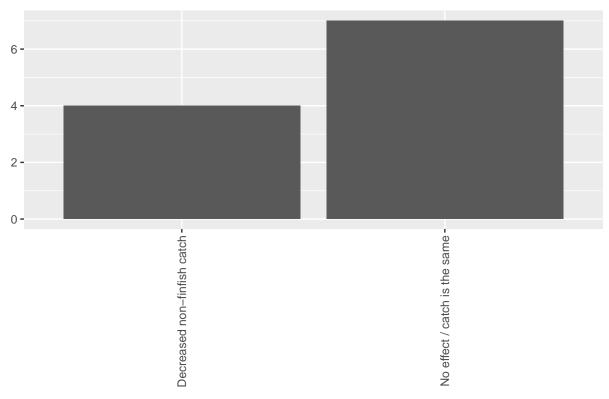
Time of occurrence of event



Effect of event on fish catch



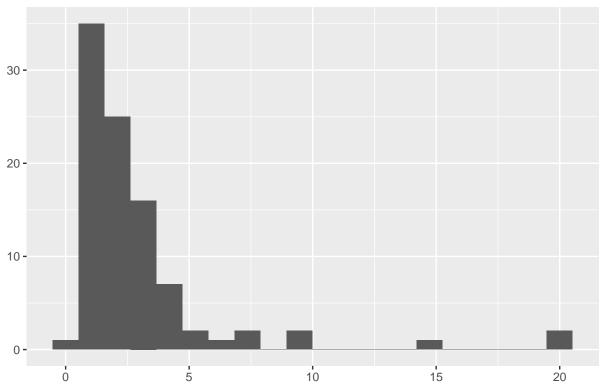
Effect of event on non-finfish catch



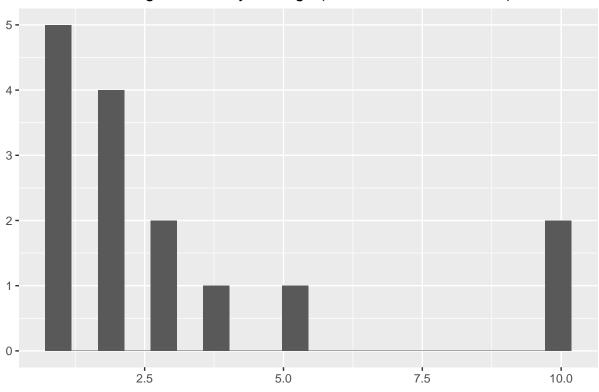
Fish Roster Data: List of fish assets

A tibble: 17 x 1 ## fish_asset_roster__id <chr> ## ## 1 Fibreglass boats 2 Outboard Motors 3 Fishing Nets (gillnet) ## 4 Spearguns ## 5 Fishing Lines ## 6 Active Fish Traps 7 Underwater flashlights 8 Wood canoes ## 9 Eskies/portable coolers ## 10 SCUBA diving equipment ## 11 Freezers (electric or propane) ## 12 Ice machines ## 13 Fishing Nets (purse) ## 14 Drag Nets ## 15 Harpoons/Spears ## 16 Other Fishing Equipment (note) ## 17 FAD (Fish Aggregating Device)

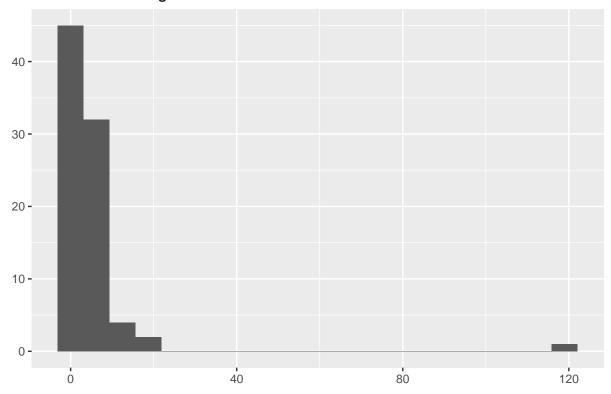
Asset: Fibreglass boats



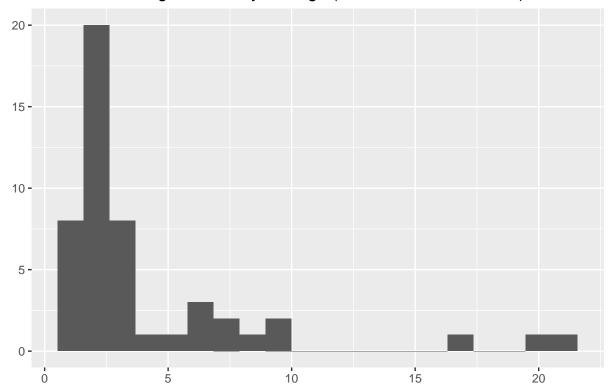
Number of fishing assets 10 years ago (zeroes removed; n = 79)



 $\#\#\ Asset:\ Outboard\ Motors$

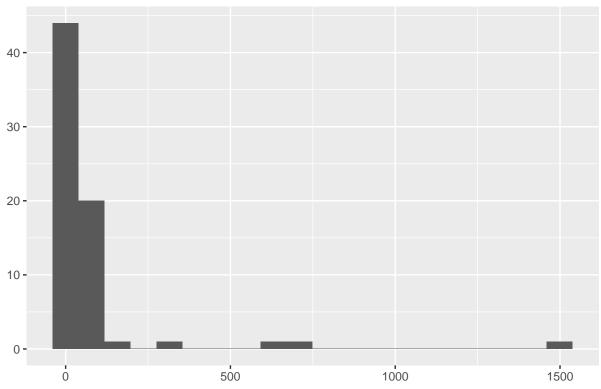


Number of fishing assets 10 years ago (zeroes removed; n = 35)

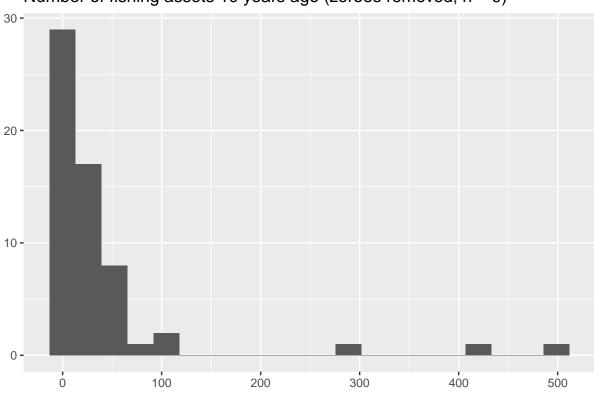


$Asset: \ Fishing \ Nets \ (gillnet)$

Number of fishing assets

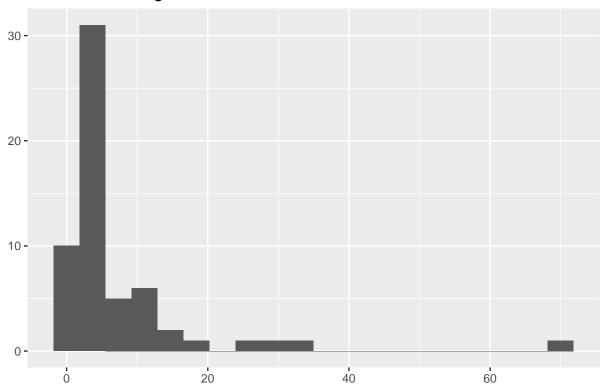


Number of fishing assets 10 years ago (zeroes removed; n = 9)

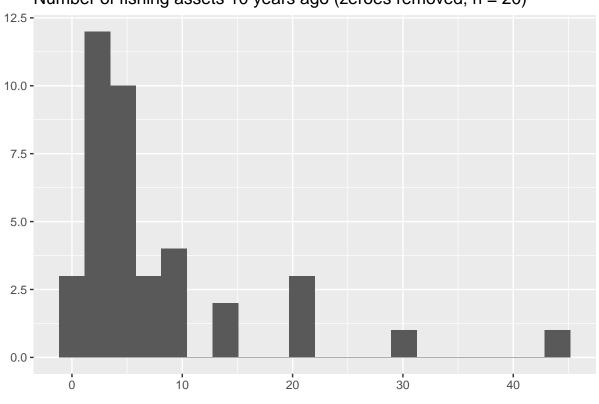


$Asset:\ Spearguns$

Number of fishing assets

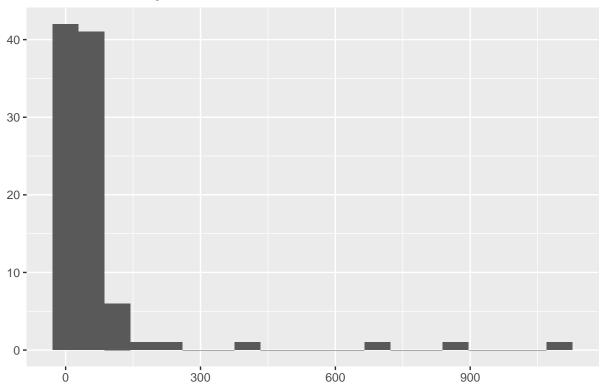


Number of fishing assets 10 years ago (zeroes removed; n = 20)

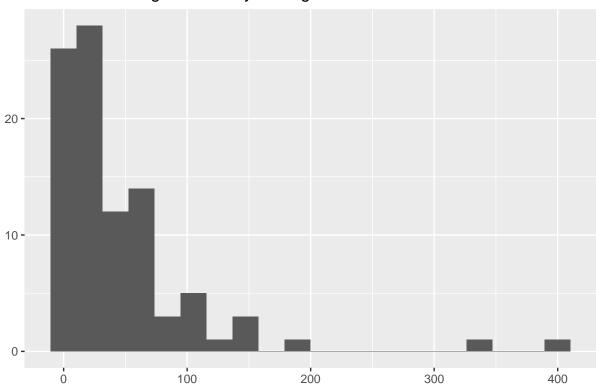


Asset: Fishing Lines

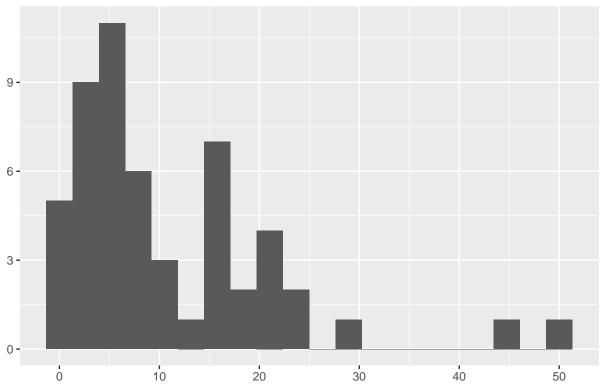
Number of fishing assets



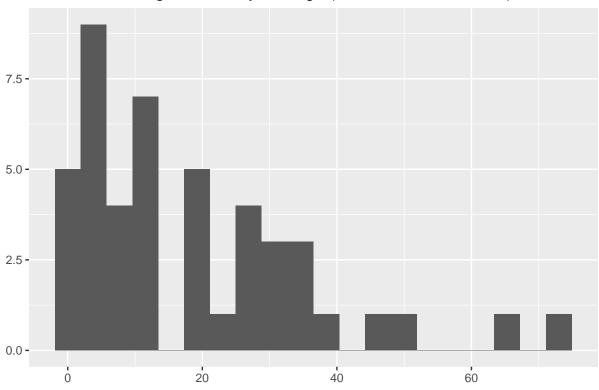
Number of fishing assets 10 years ago



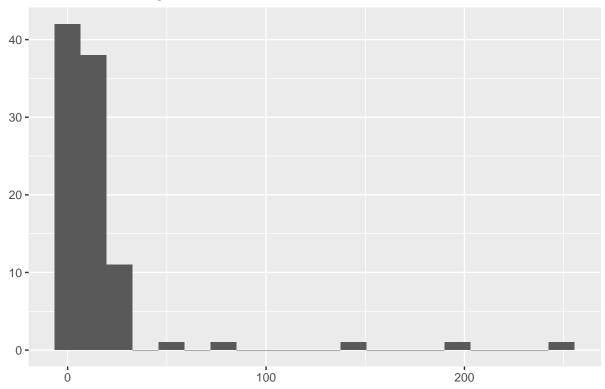
 $Asset:\ Active\ Fish\ Traps$



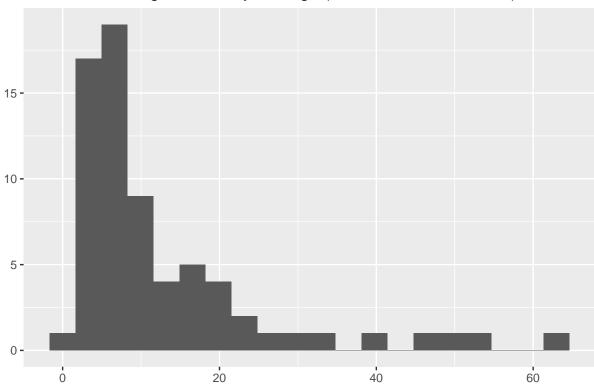
Number of fishing assets 10 years ago (zeroes removed; n = 7)



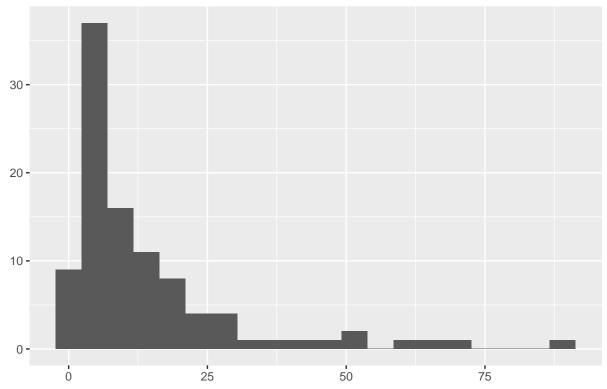
 $Asset:\ Underwater\ flashlights$



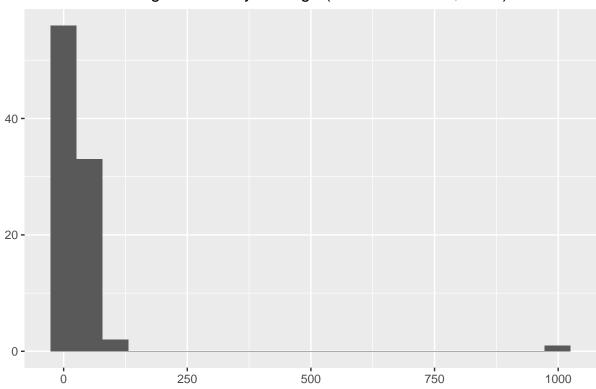
Number of fishing assets 10 years ago (zeroes removed; n = 27)



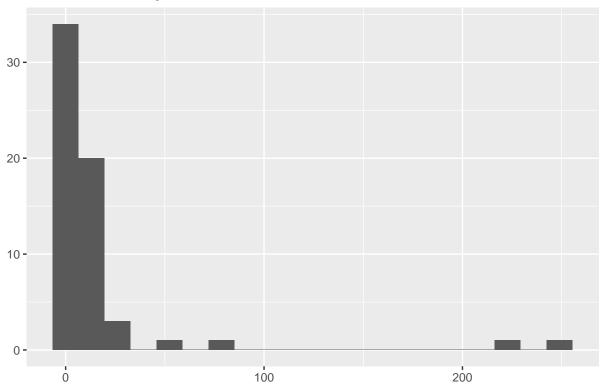
Asset: Wood canoes



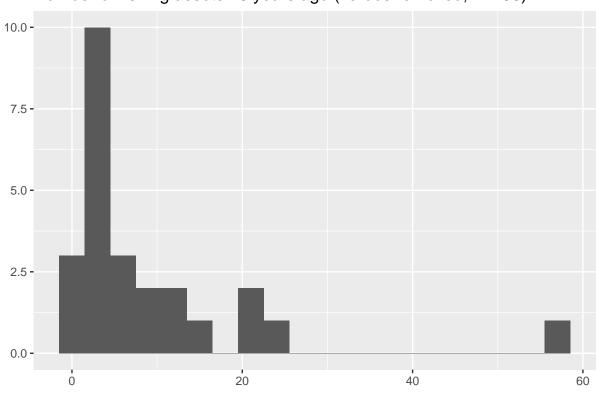
Number of fishing assets 10 years ago (zeroes removed; n = 7)



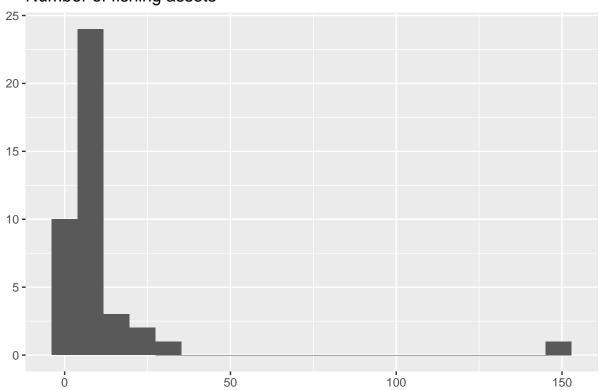
 $Asset:\ Eskies/portable\ coolers$



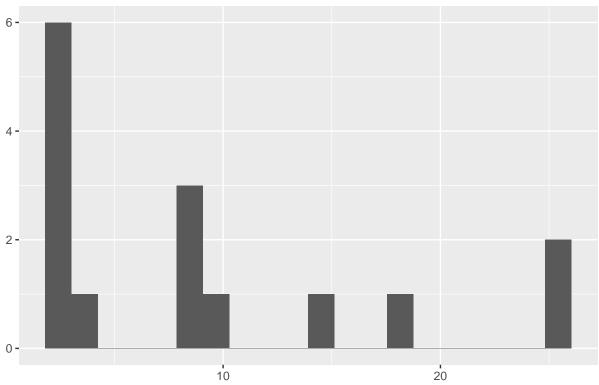
Number of fishing assets 10 years ago (zeroes removed; n = 36)



Asset: SCUBA diving equipment

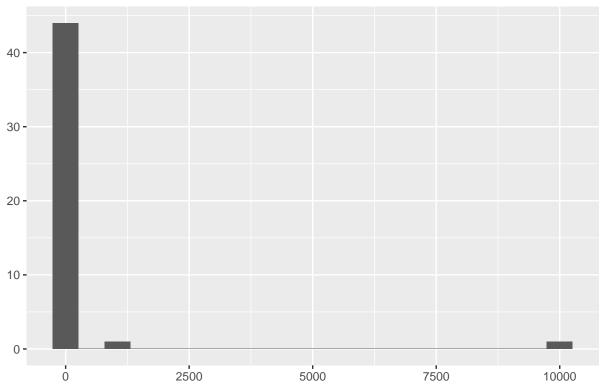


Number of fishing assets 10 years ago (zeroes removed; n = 26)

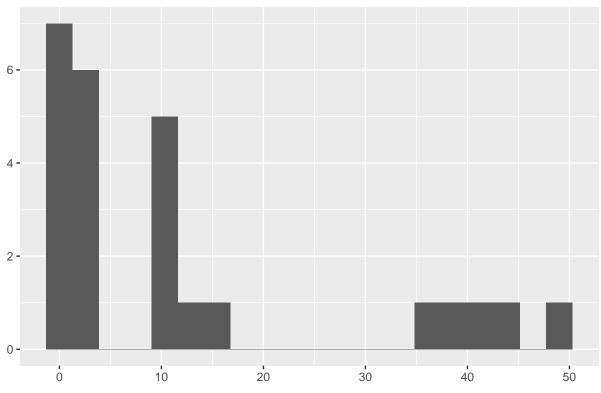


$Asset:\ Freezers\ (electric\ or\ propane)$

Number of fishing assets

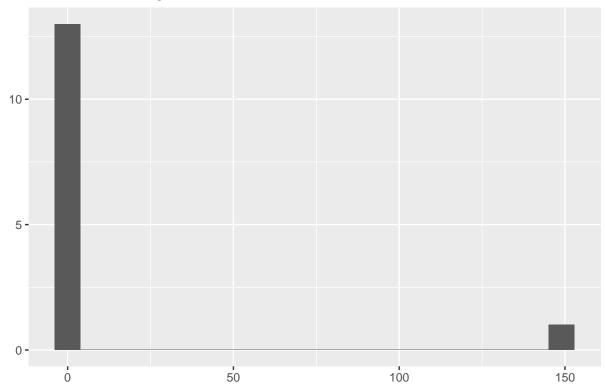


Number of fishing assets 10 years ago (zeroes removed; n = 21)

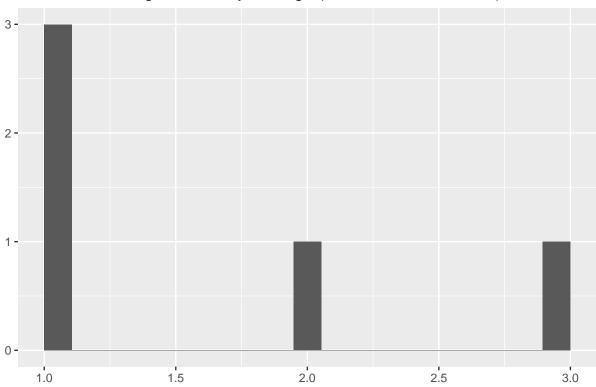


Asset: Ice machines

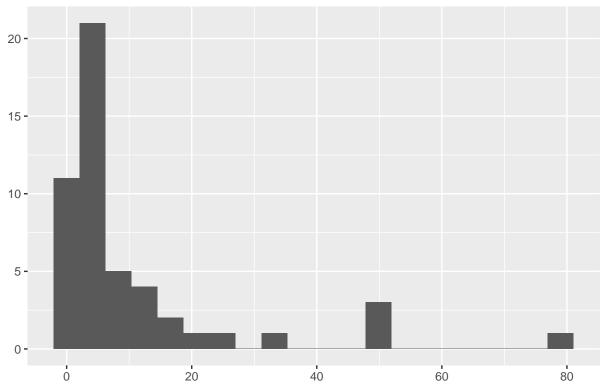
Number of fishing assets



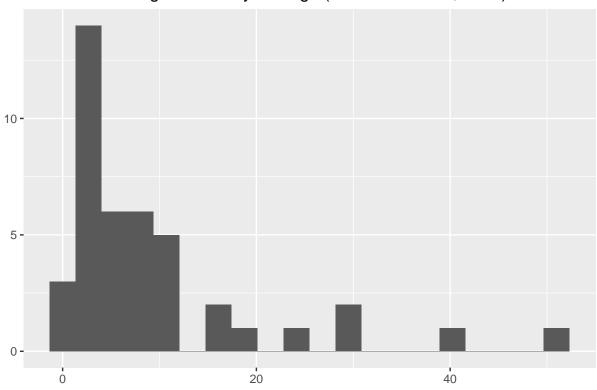
Number of fishing assets 10 years ago (zeroes removed; n = 9)



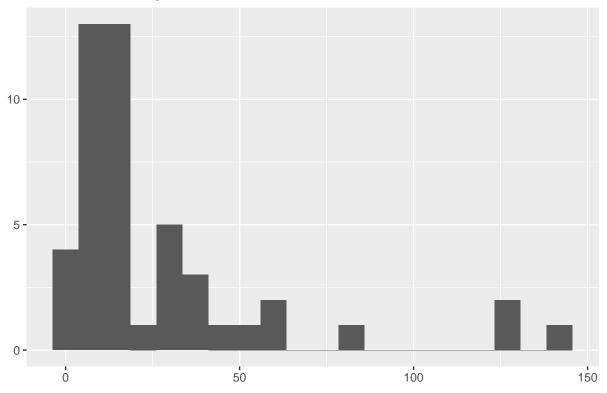
Asset: Fishing Nets (purse)



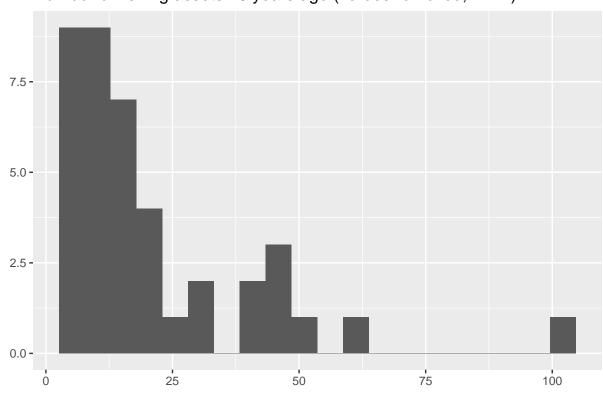
Number of fishing assets 10 years ago (zeroes removed; n = 8)



 $Asset:\ Drag\ Nets$

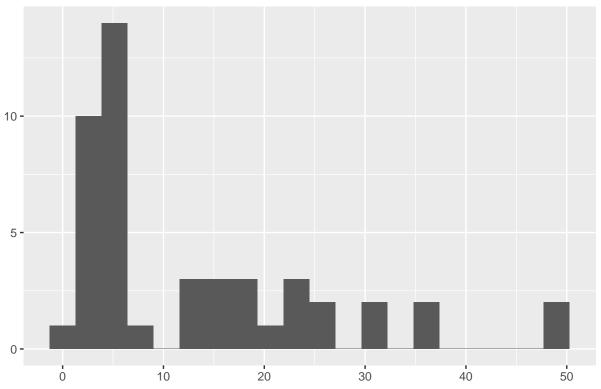


Number of fishing assets 10 years ago (zeroes removed; n = 7)

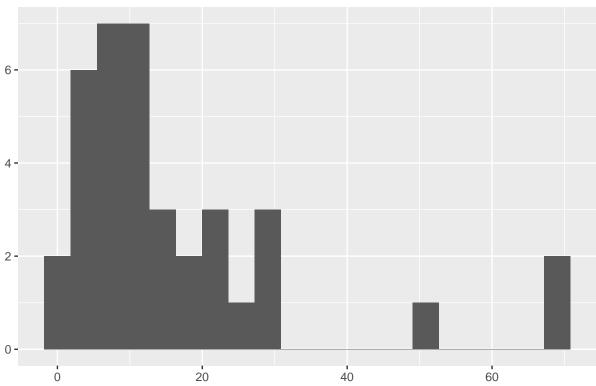


Asset: Harpoons/Spears

Number of fishing assets

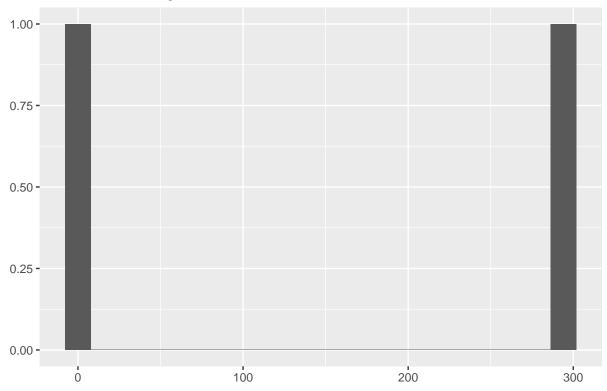


Number of fishing assets 10 years ago (zeroes removed; n = 10)

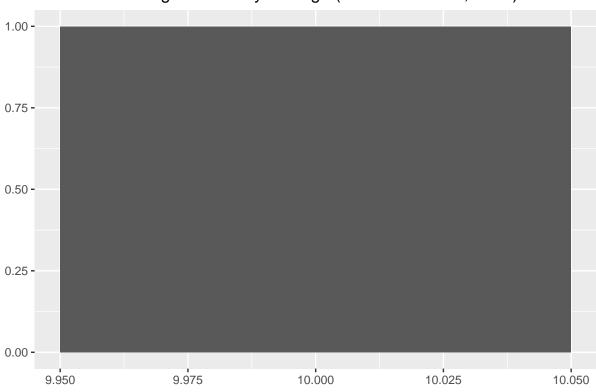


Asset: FAD (Fish Aggregating Device)

Number of fishing assets

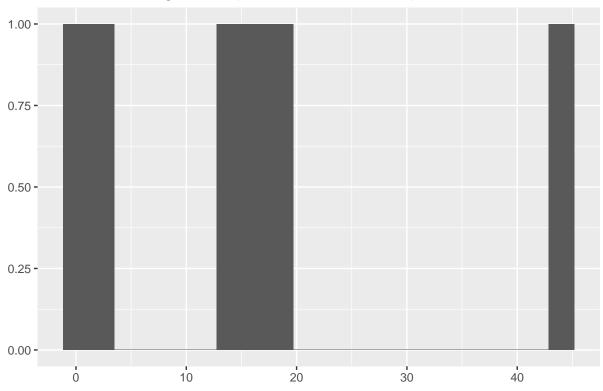


Number of fishing assets 10 years ago (zeroes removed; n = 1)

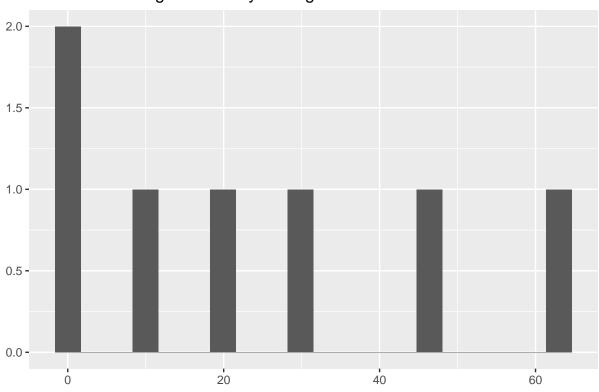


Asset: Other Fishing Equipment (note)

Number of fishing assets (zeroes removed; n = 1)



Number of fishing assets 10 years ago

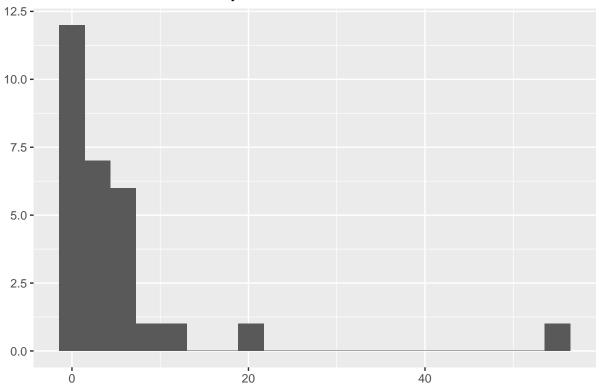


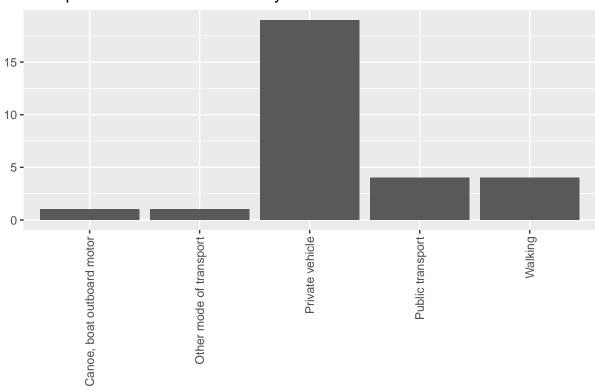
Outside Roster Data: List of outside assets

```
## # A tibble: 11 x 1
## outside_roster__id
## <chr>
## 1 Clinic/Hospital
## 2 Bank
## 3 Nearest Market
## 4 Nearest Post Office
## 5 Nearest Credit Facility
## 6 Nearest Police Station
## 7 Nearest Court House
## 8 Airport
## 9 Nearest Trade Store/Supermarket
## 10 Nearest fish landing site
## 11 Nearest Church
```

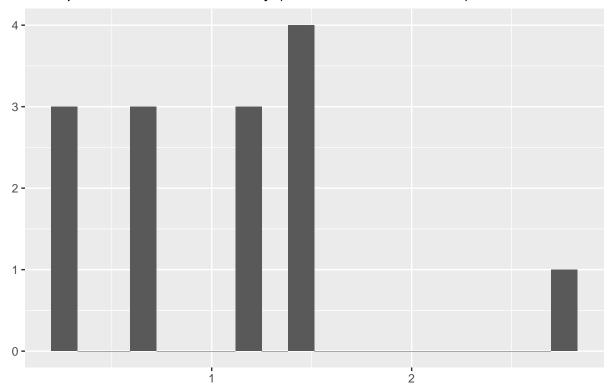
 $Asset: \ Clinic/Hospital$

Distance outside boundary



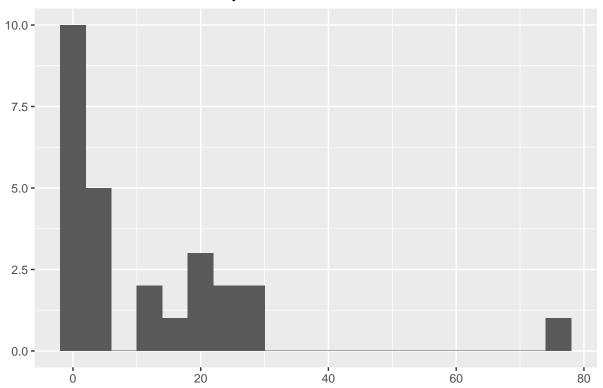


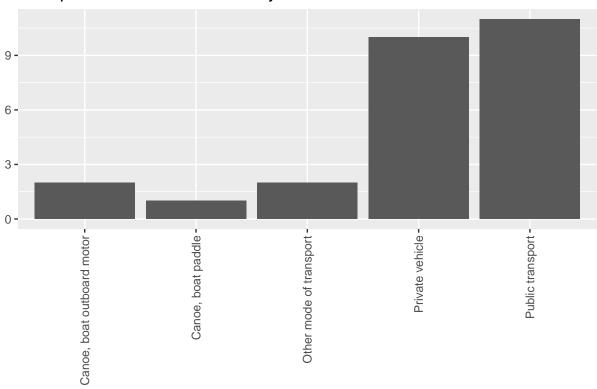
Transport cost outside boundary (zeroes removed; n = 15)

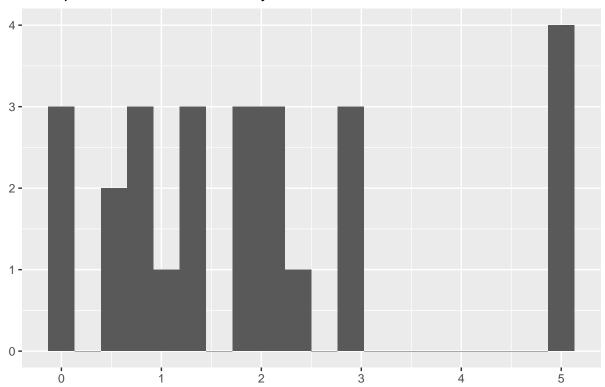


Asset: Bank

Distance outside boundary

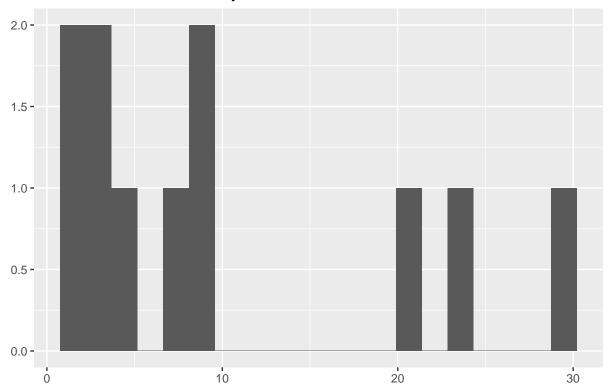


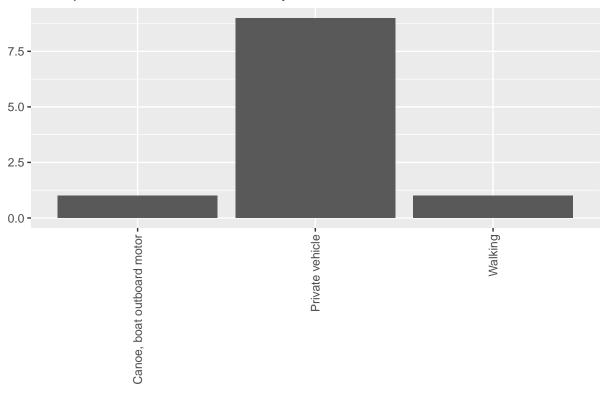


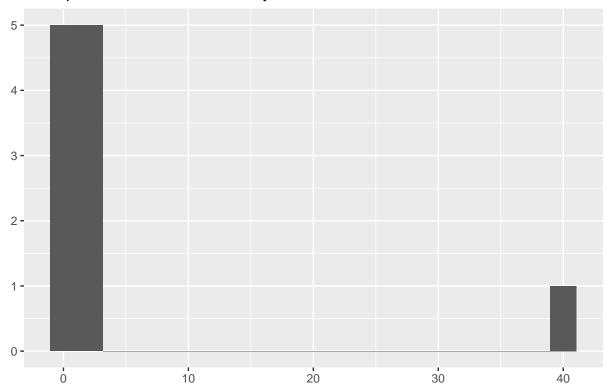


Asset: Nearest Market

Distance outside boundary

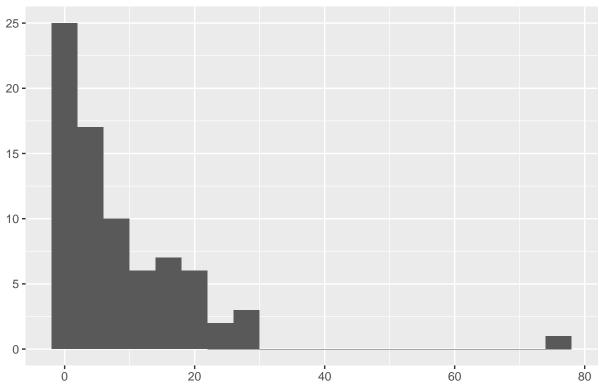


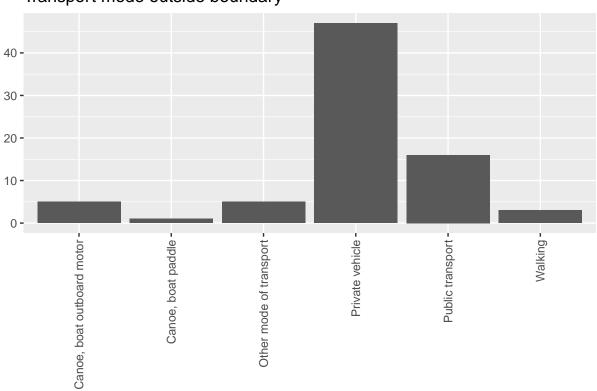




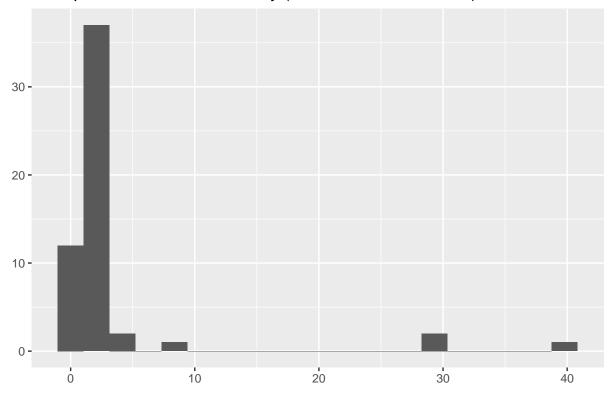
Asset: Nearest Post Office

Distance outside boundary



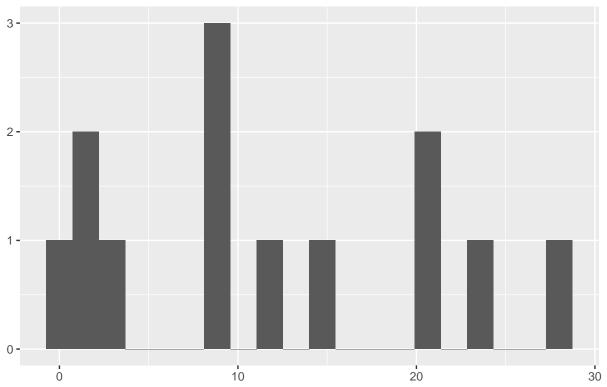


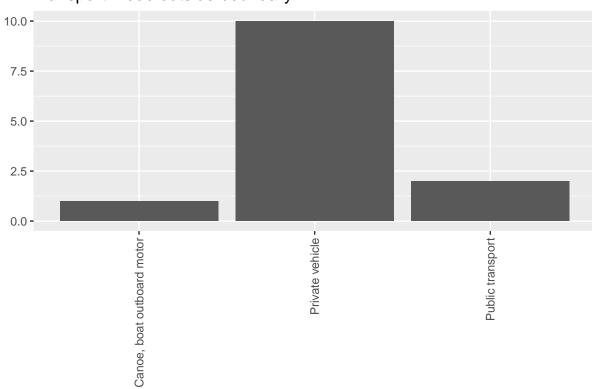
Transport cost outside boundary (zeroes removed; n = 22)

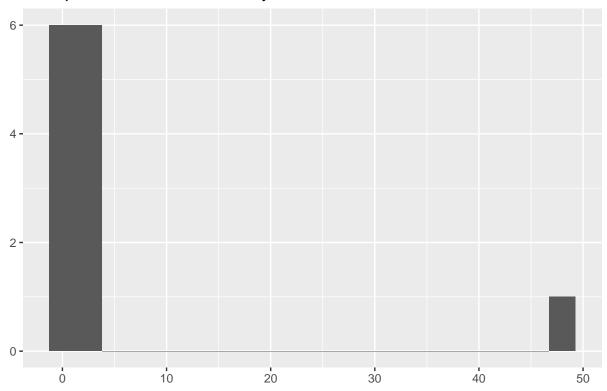


Asset: Nearest Credit Facility

Distance outside boundary

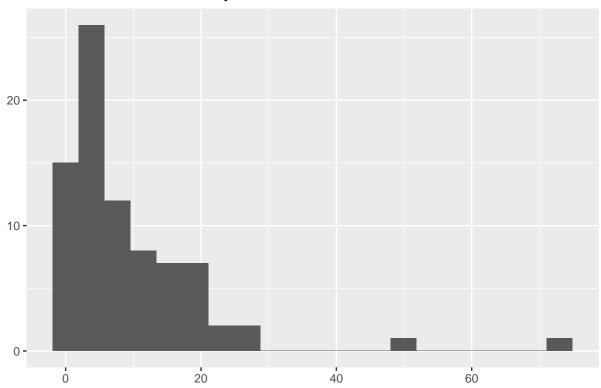


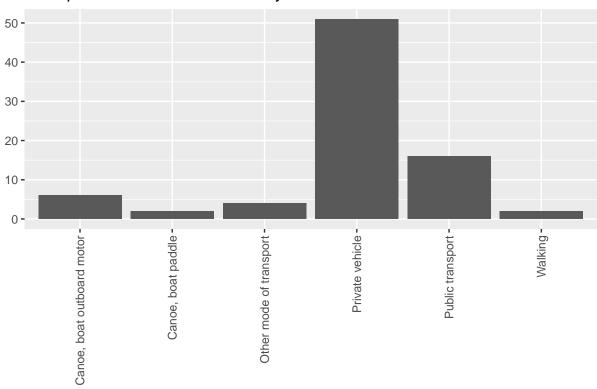




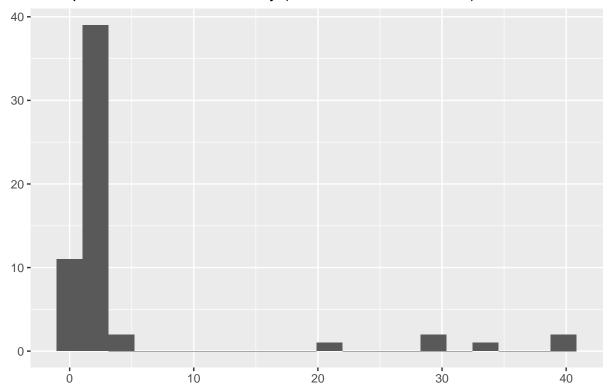
Asset: Nearest Police Station

Distance outside boundary



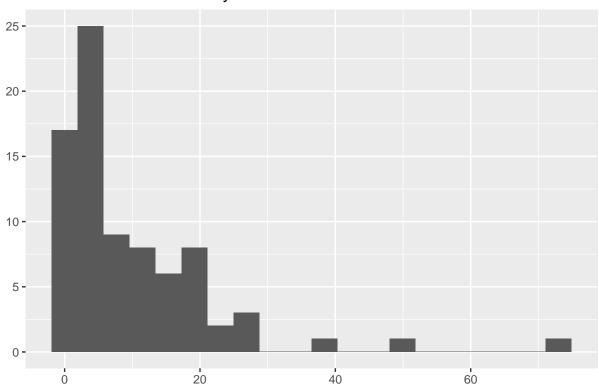


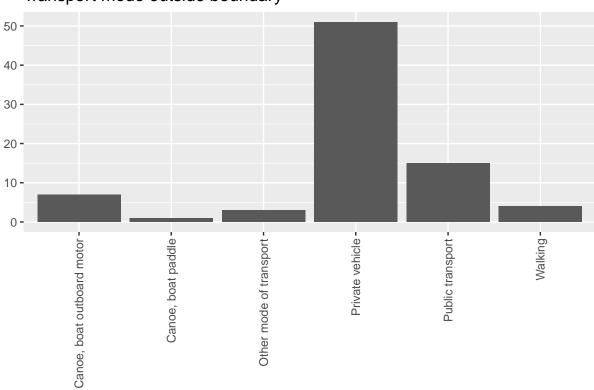
Transport cost outside boundary (zeroes removed; n = 23)



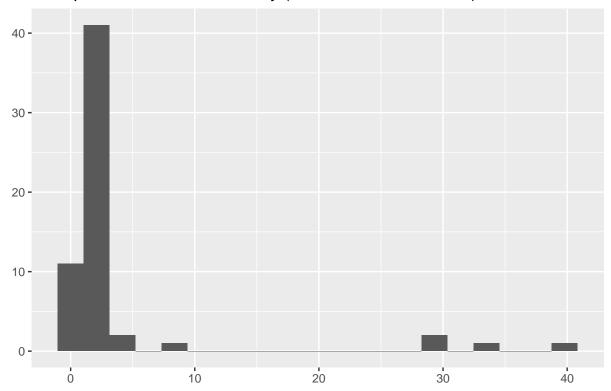
Asset: Nearest Court House

Distance outside boundary



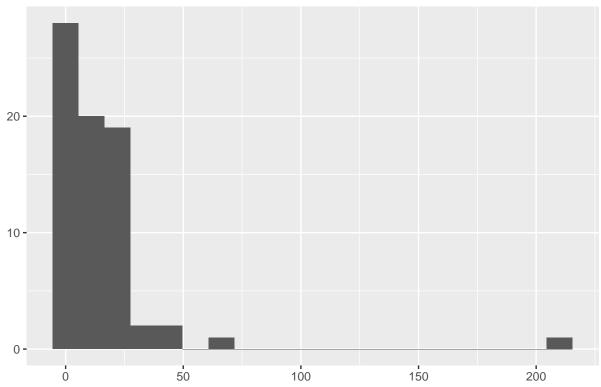


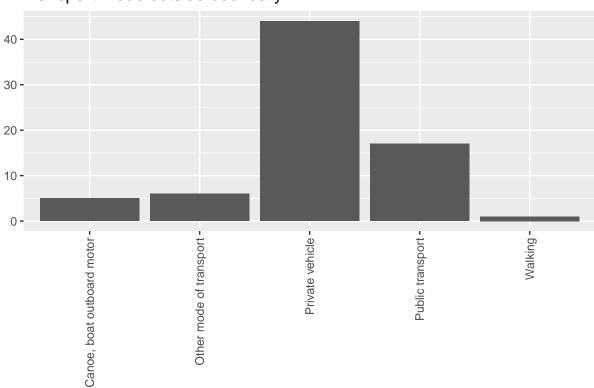
Transport cost outside boundary (zeroes removed; n = 22)

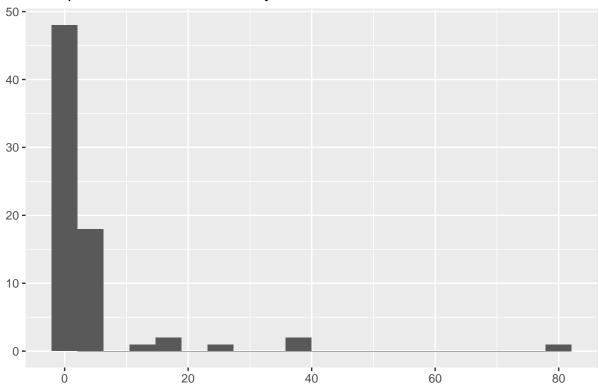


Asset: Airport

Distance outside boundary

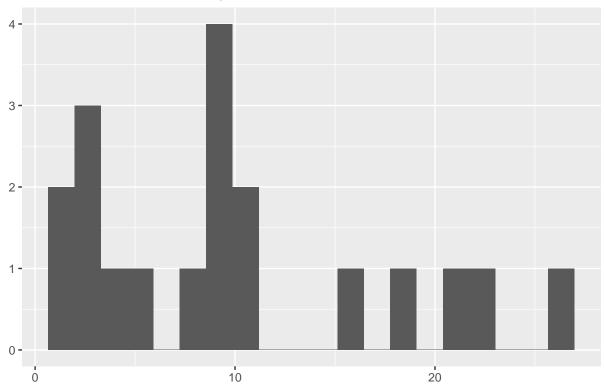


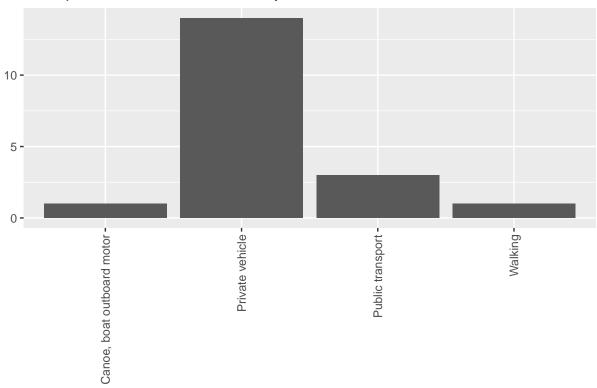


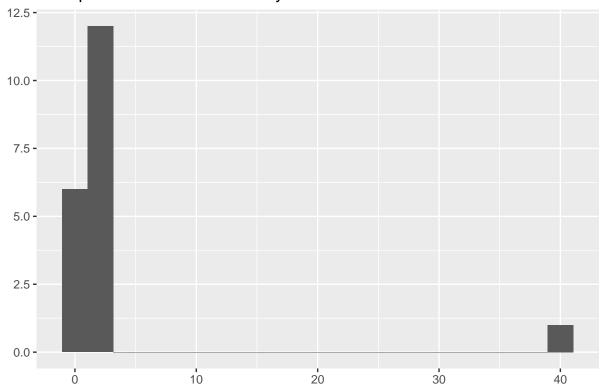


$Asset:\ Nearest\ Trade\ Store/Supermarket$

Distance outside boundary

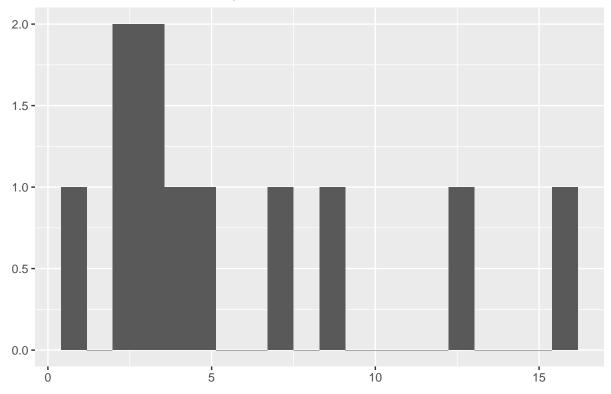


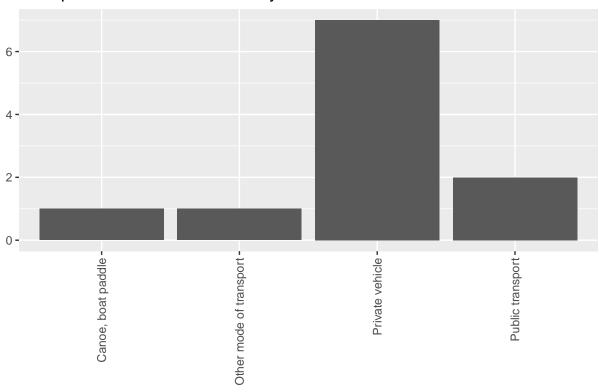


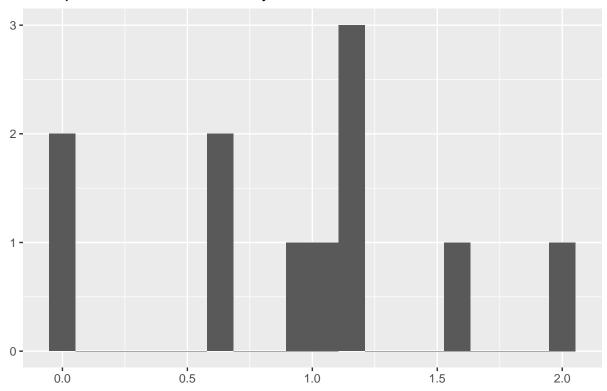


Asset: Nearest fish landing site

Distance outside boundary

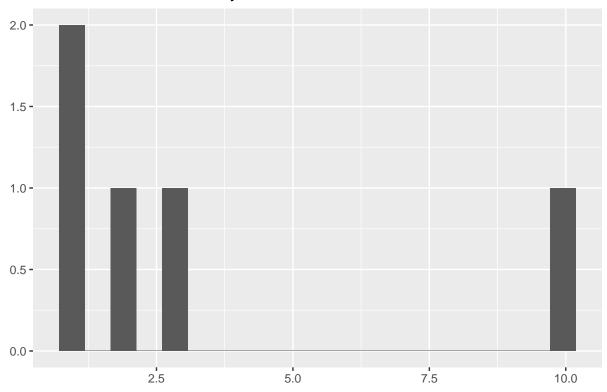


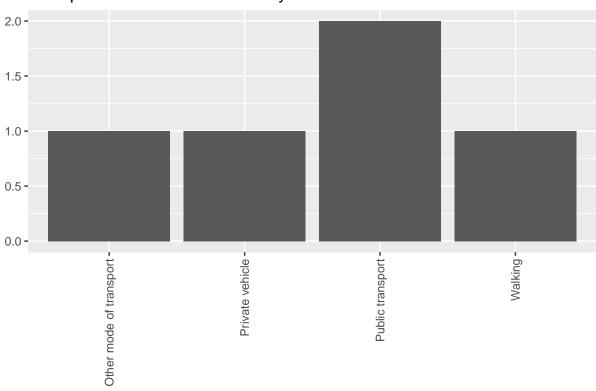




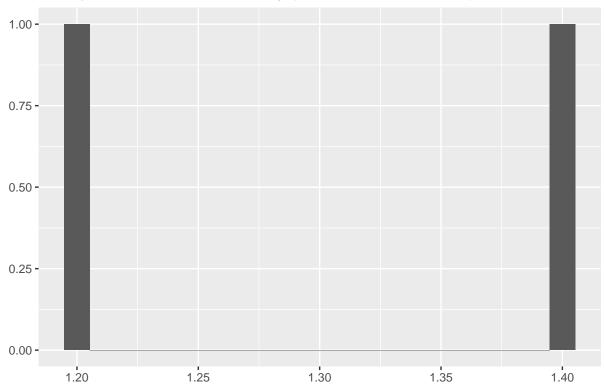
Asset: Nearest Church

Distance outside boundary







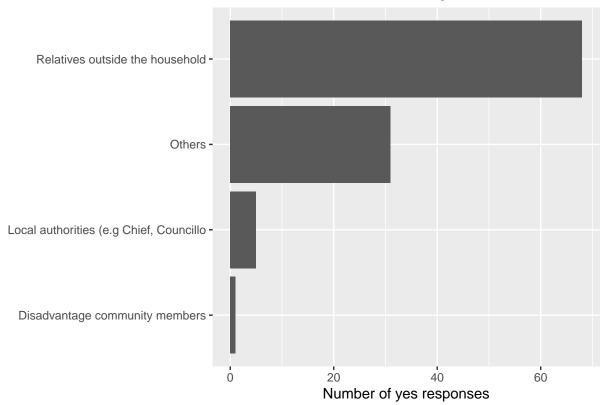


Share Roster Data: List of events

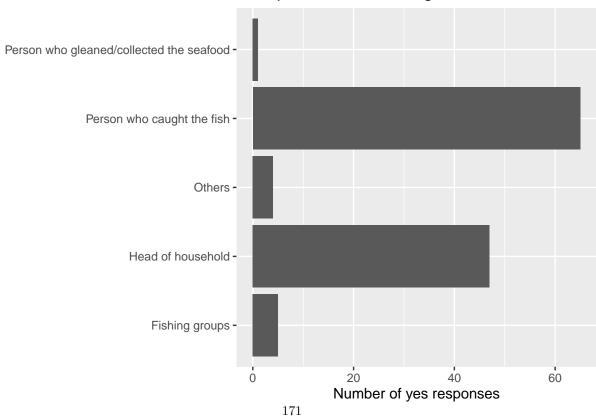
```
## # A tibble: 3 x 1
## share_roster__id
## <chr>
## 1 Finfish
## 2 Other non-finfish seafood (shellfish, sea worm, etc.)
## 3 Non-fish foods
```

Asset: Finfish

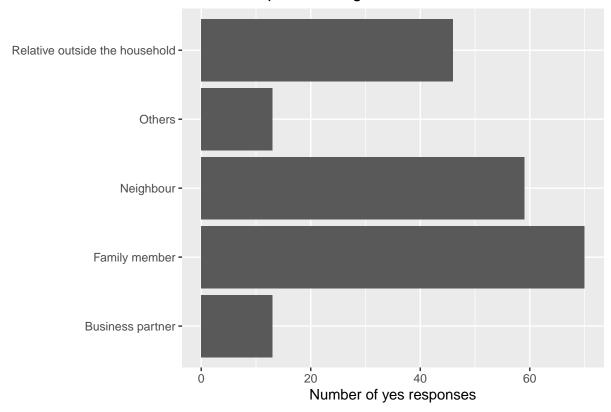
Who receives from the sharing of catches



Who provides the sharing of catches

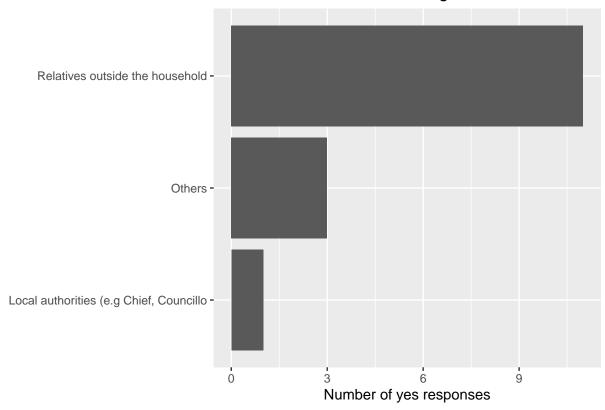


Relationship between givers and receivers

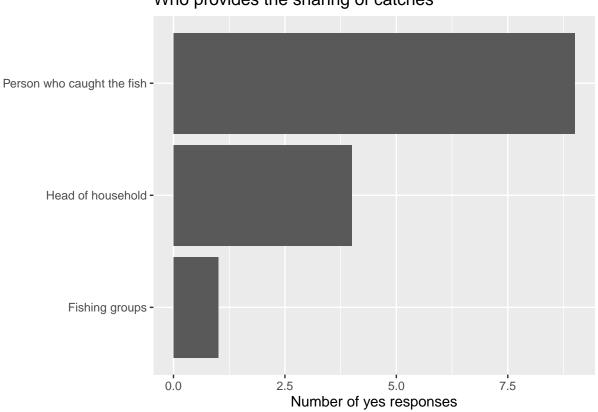


Asset: Other non-finfish seafood (shellfish, sea worm, etc.)

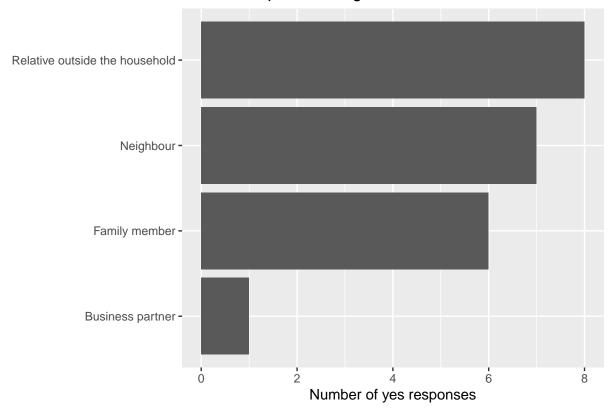
Who receives from the sharing of catches



Who provides the sharing of catches

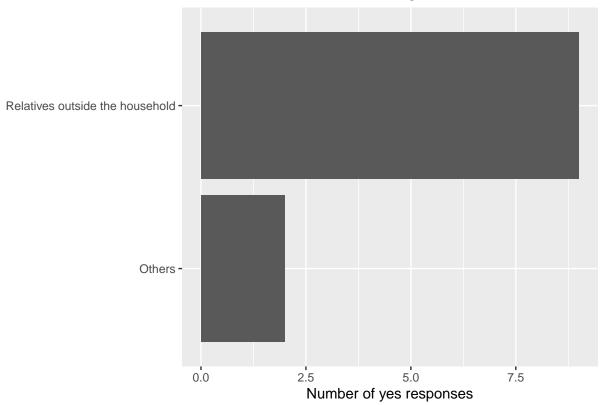


Relationship between givers and receivers

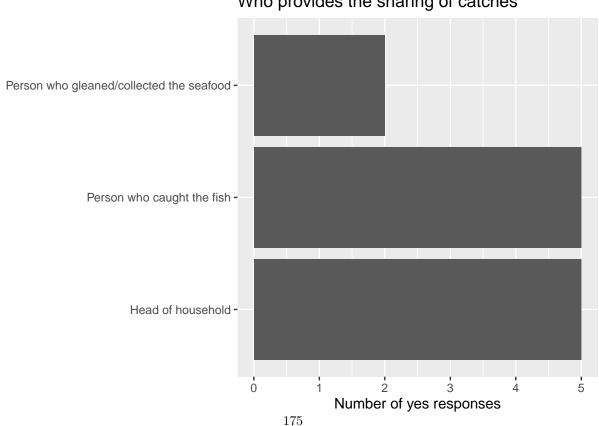


Asset: Non-fish foods

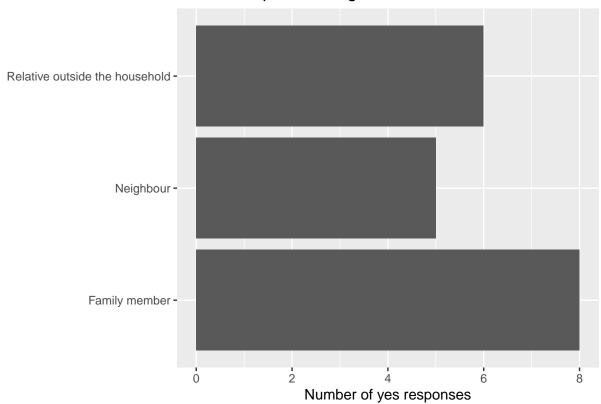
Who receives from the sharing of catches



Who provides the sharing of catches



Relationship between givers and receivers

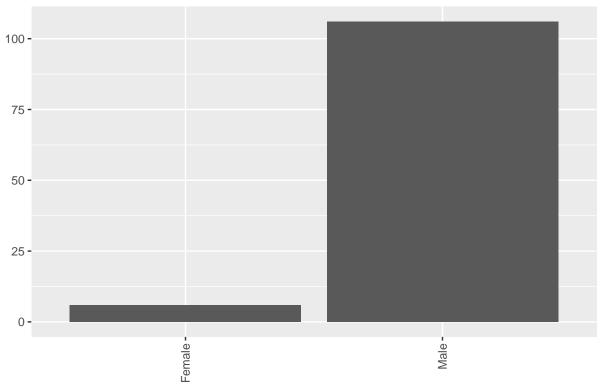


VRS Roster Data: List of events

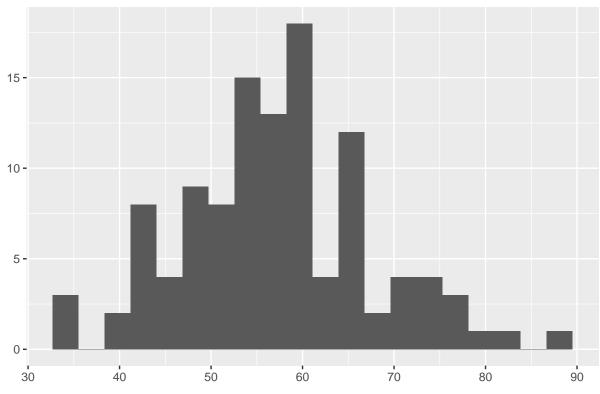
```
## # A tibble: 2 x 1
## vrs_roster__id
## <chr>
## 1 1
## 2 2
```

VRS Roster: 1

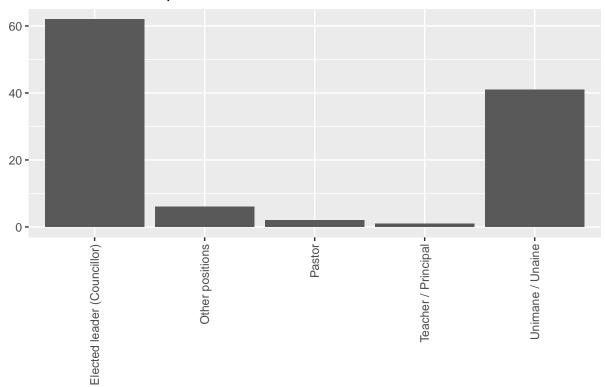
Sex of VRS respondent



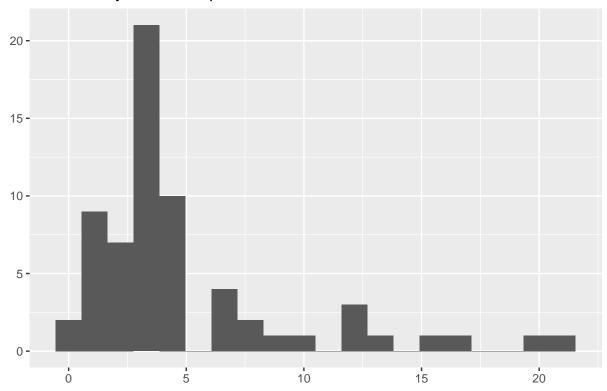
Age of VRS respondent



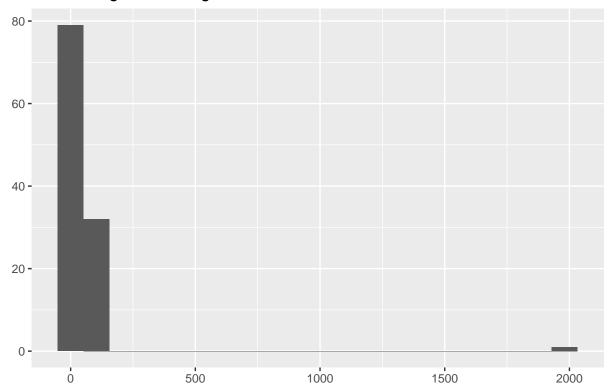
Position of the respondent



Number of years in the position



Years living in the village



VRS Roster: 2

Note: only contains one individual with the following characteristics

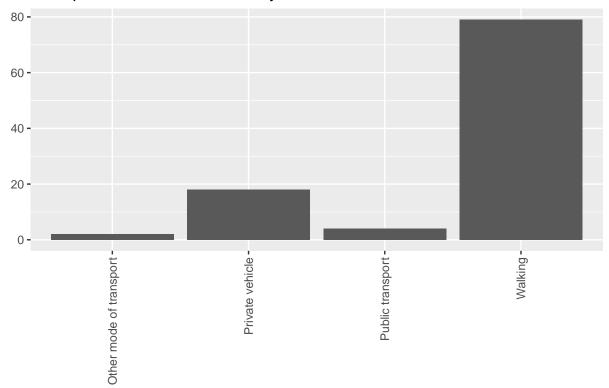
```
## # A tibble: 5 x 6
##
     interview__key interview__id vrs_roster__id respondent_names response
                                                 <chr>>
                                                                  <chr>>
## 1 25-11-36-51
                    b8777fe7e091~ 2
                                                 Kaiea Tibwere
                                                                  Male
## 2 25-11-36-51
                    b8777fe7e091~ 2
                                                 Kaiea Tibwere
                                                                  59
                    b8777fe7e091~ 2
## 3 25-11-36-51
                                                 Kaiea Tibwere
                                                                  Elected~
## 4 25-11-36-51
                    b8777fe7e091~ 2
                                                 Kaiea Tibwere
                    b8777fe7e091~ 2
                                                 Kaiea Tibwere
## 5 25-11-36-51
                                                                  34
## # ... with 1 more variable: question <chr>
## # A tibble: 11 x 1
##
      within_roster__id
##
      <chr>
##
  1 Nearest Church
  2 Nearest Trade Store/Supermarket
##
  3 Airport
## 4 Clinic/Hospital
## 5 Nearest fish landing site
## 6 Nearest Credit Facility
## 7 Nearest Market
## 8 Nearest Post Office
```

9 Nearest Police Station

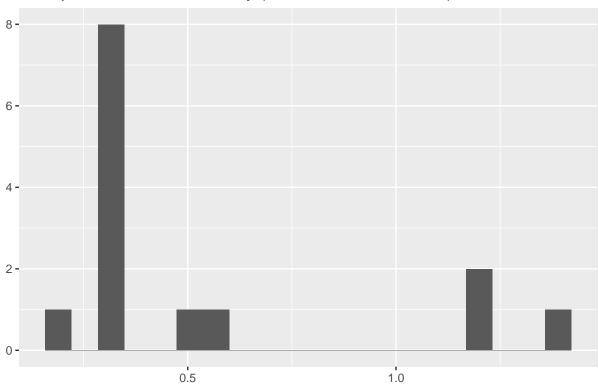
10 Nearest Court House

11 Bank

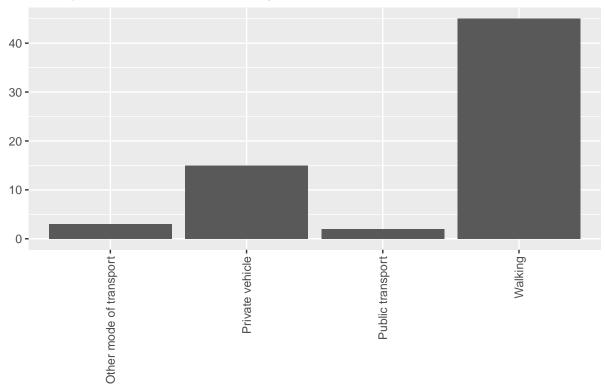
Asset: Nearest Church



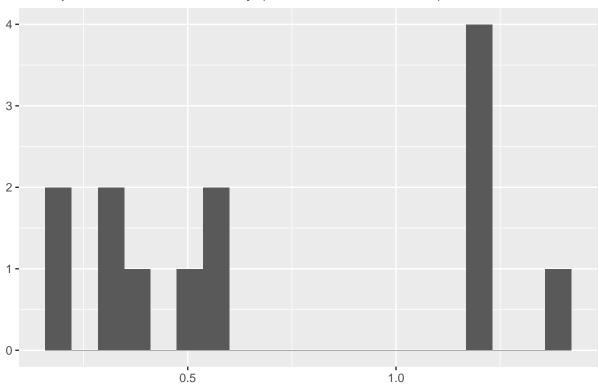
Transport cost within boundary (zeroes removed; n = 10)



 $Asset:\ Nearest\ Trade\ Store/Supermarket$

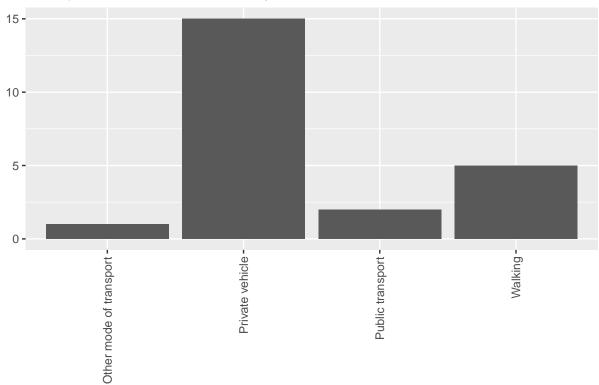


Transport cost within boundary (zeroes removed; n = 7)

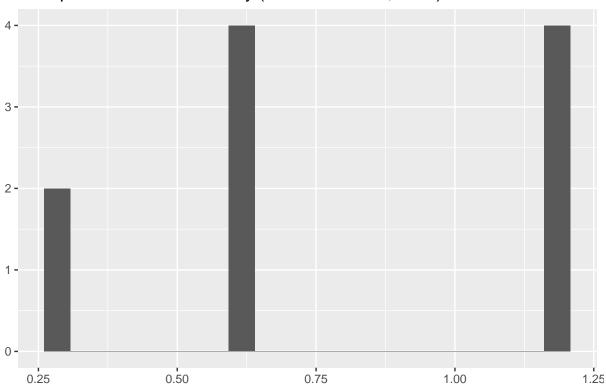


Asset: Airport

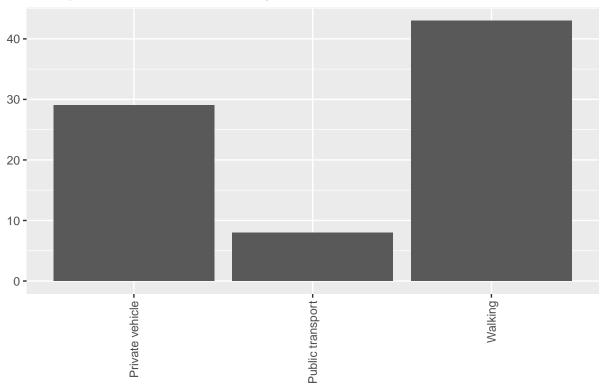
Transport mode within boundary



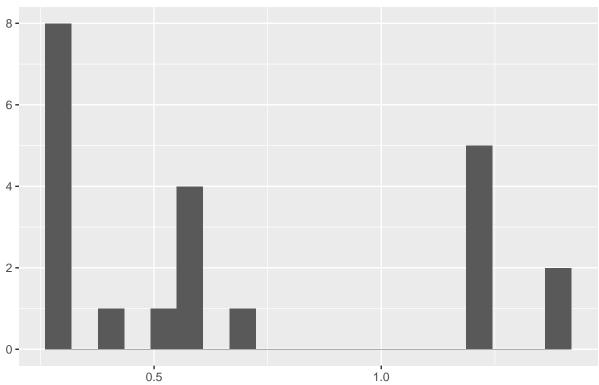
Transport cost within boundary (zeroes removed; n = 8)



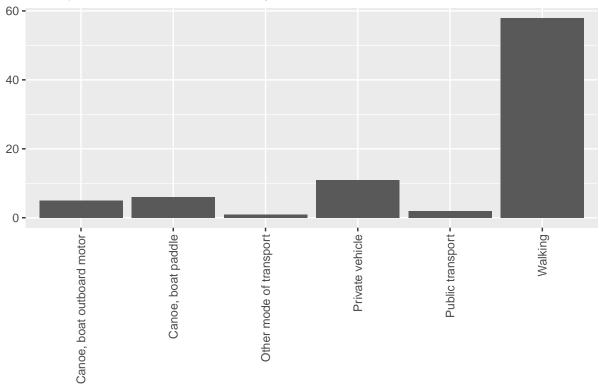
 $Asset: \ Clinic/Hospital$



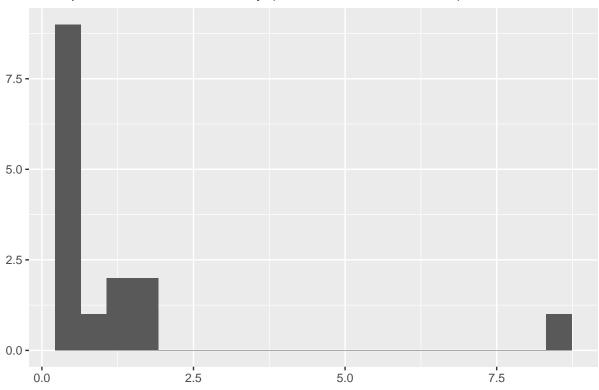
Transport cost within boundary (zeroes removed; n = 15)



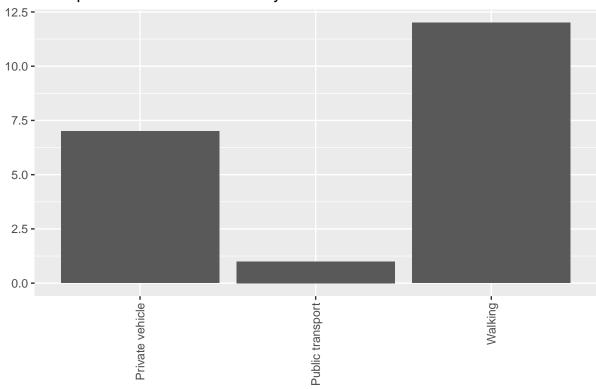
Asset: Nearest fish landing site



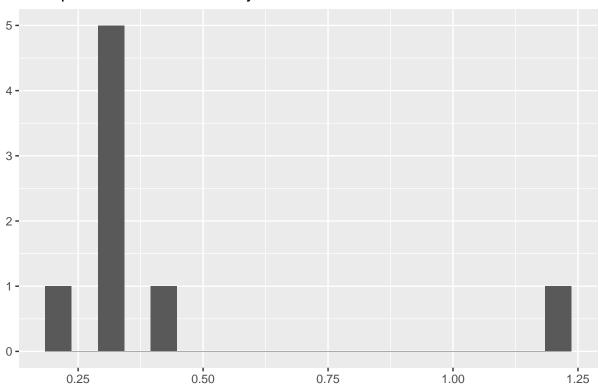
Transport cost within boundary (zeroes removed; n = 10)



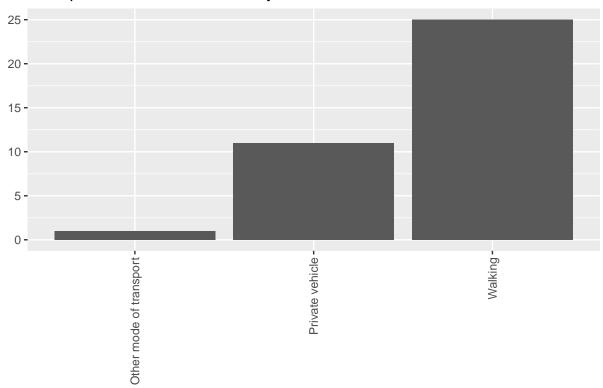
Asset: Nearest Credit Facility



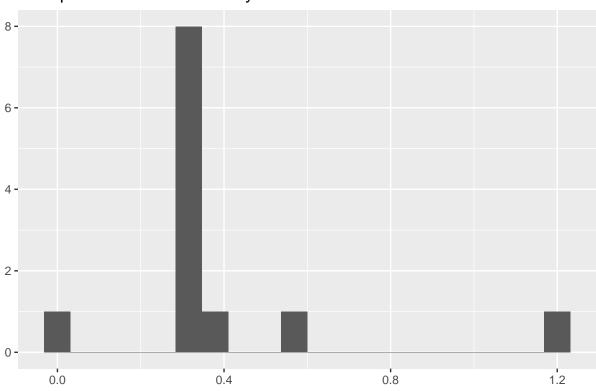
Transport cost within boundary



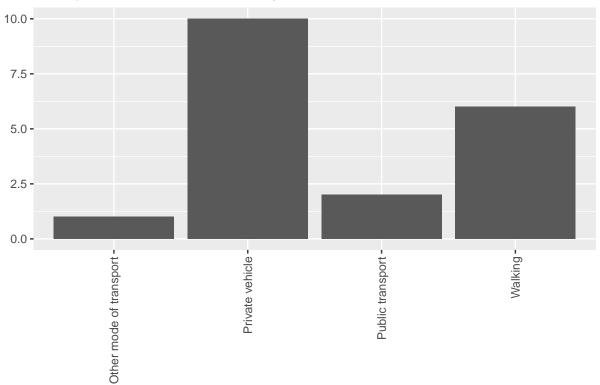
Asset: Nearest Market



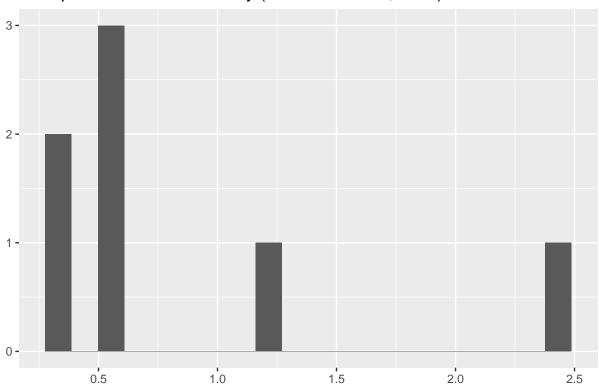
Transport cost within boundary



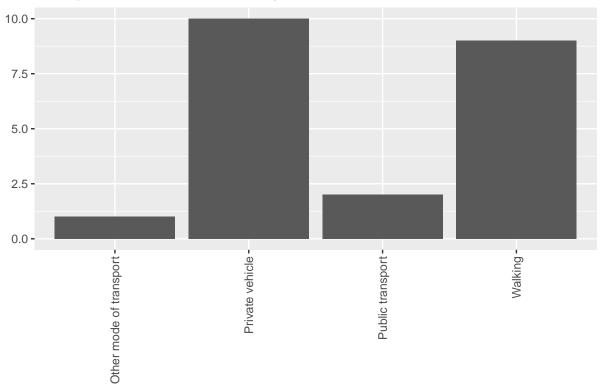
Asset: Nearest Post Office



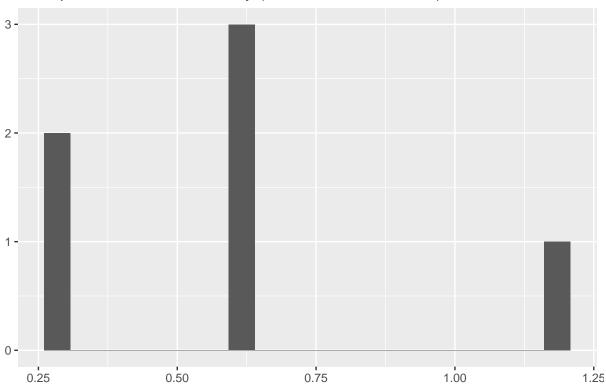
Transport cost within boundary (zeroes removed; n = 6)



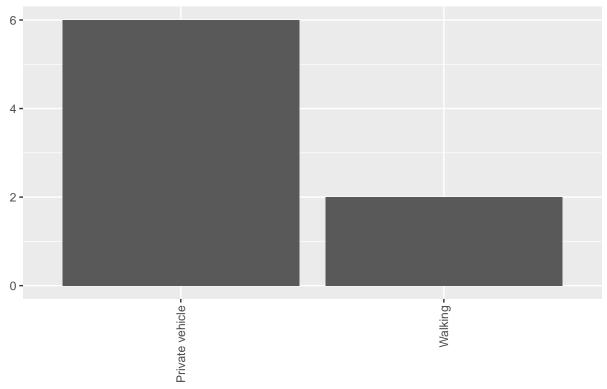
Asset: Nearest Court House



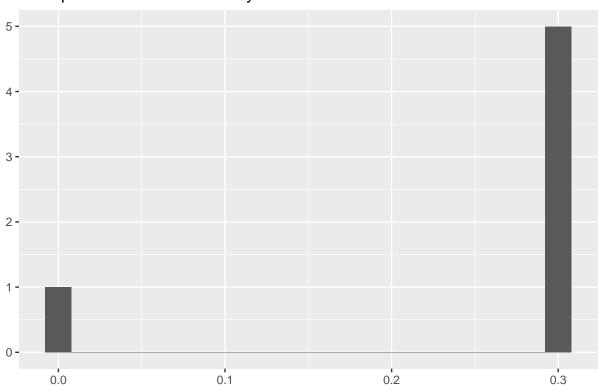
Transport cost within boundary (zeroes removed; n = 7)



Asset: Bank

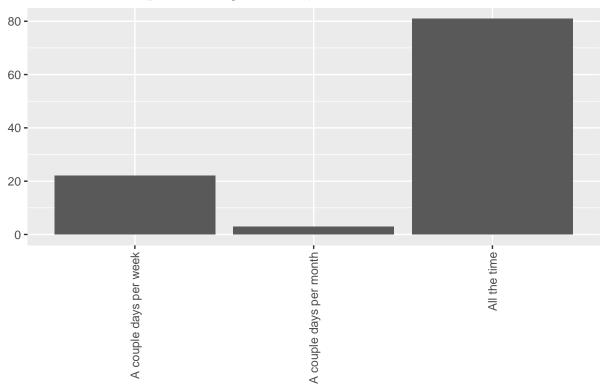


Transport cost within boundary

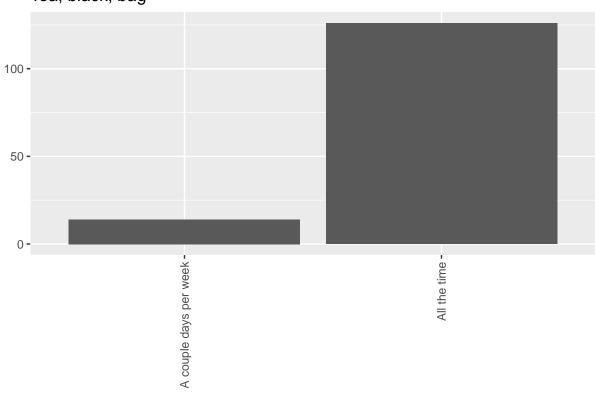


Market survey

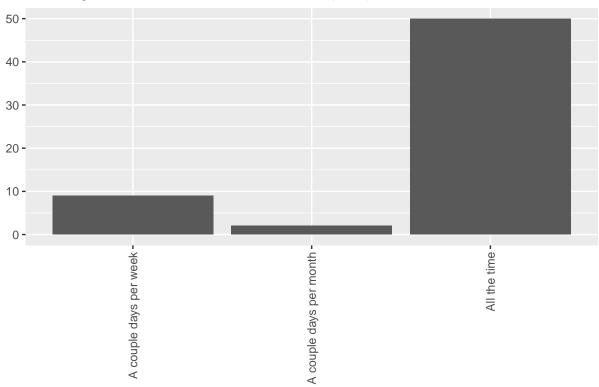
Coffee, instant (powder, e.g. nescafe)



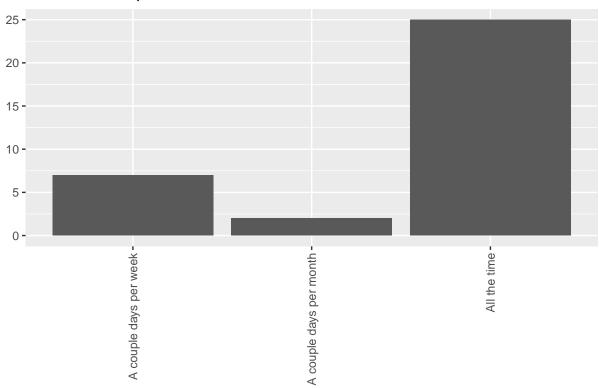
Tea, black, bag



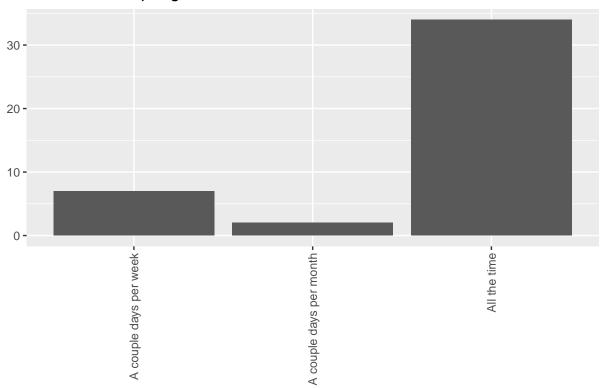
Beverage, chocolate flavour, from base (Milo)



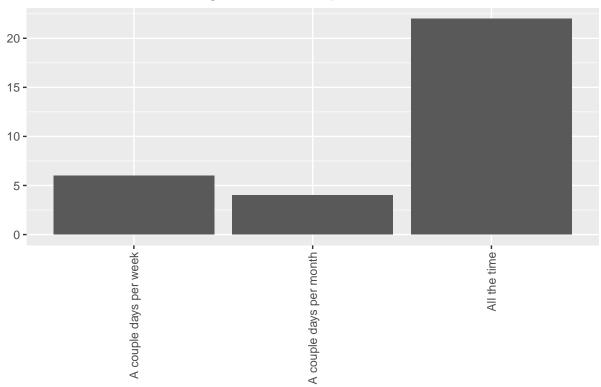
Cocoa, cocoa powder



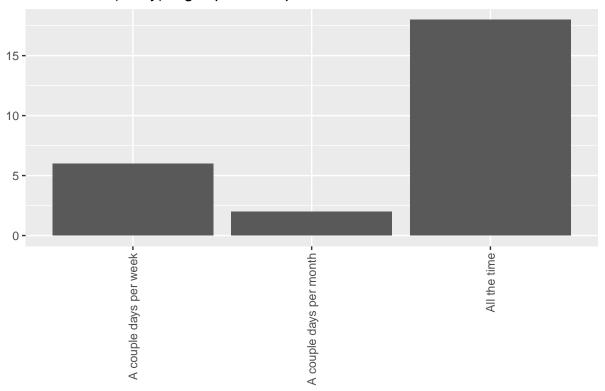
Bottled water/spring water/mineral water



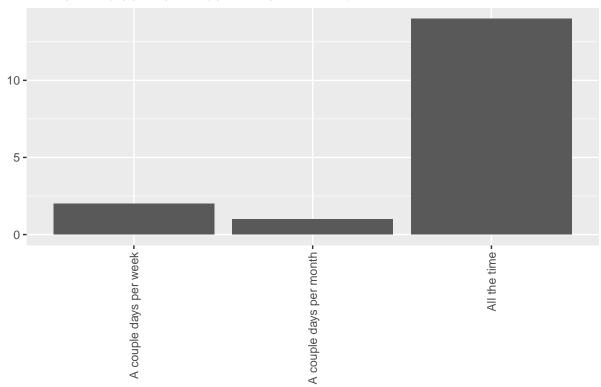
Cola flavour soft drink eg. Coca cola/Pepsi



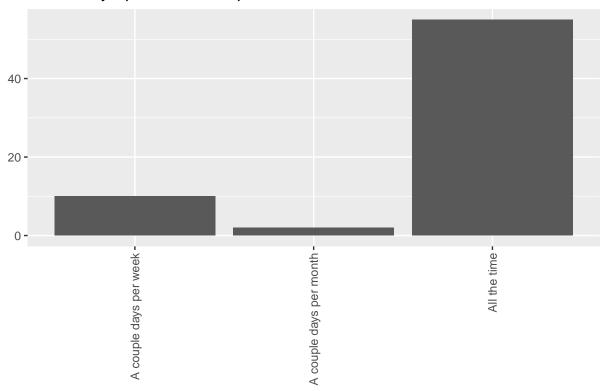
Soft drinks (Fizzy), eg. Sprite, 7 Up, Tonic, Fanta,



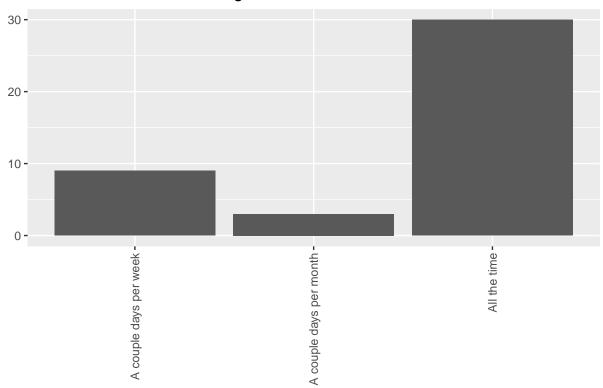
Fruit juice (apple, pineapple, tropical etc...)



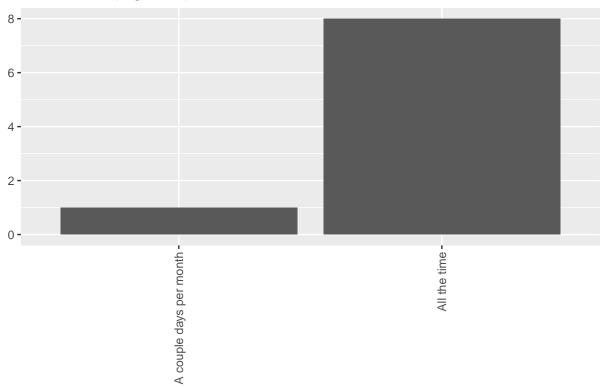
Cordial, syrup, not further specified



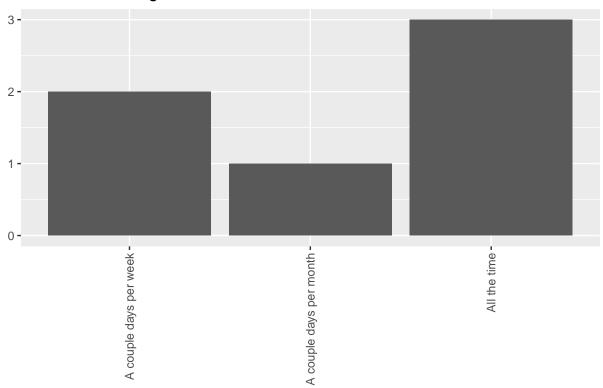
Other non alcoholic beverages



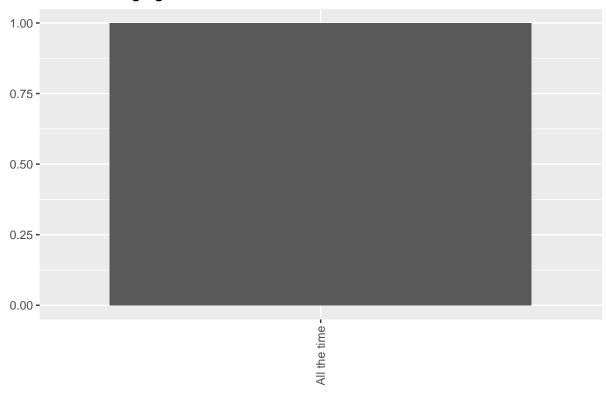
Coffee, mix (e.g. 3in1)



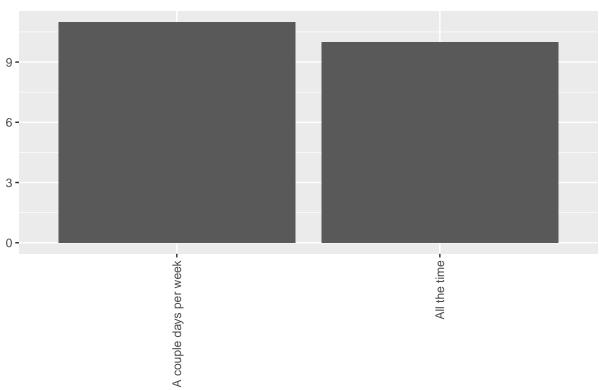
Coffee beans or grinded

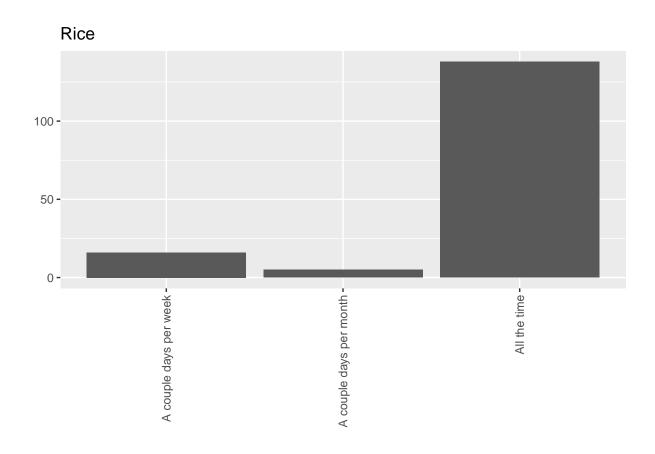


Lemon tea, ginger tea

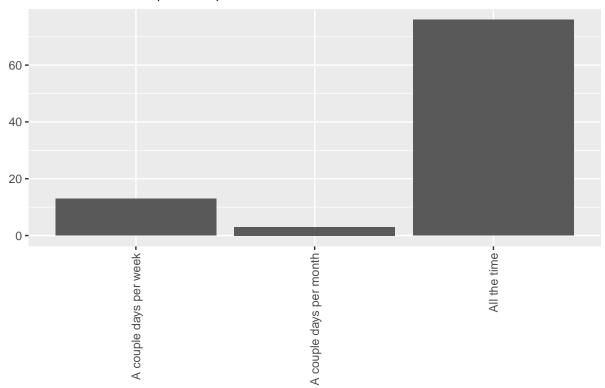


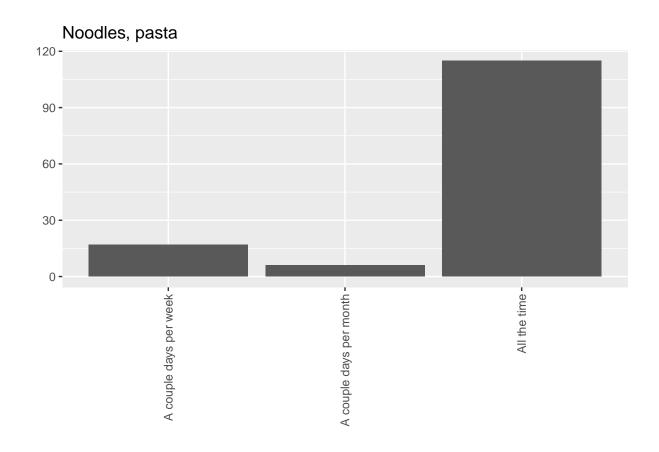




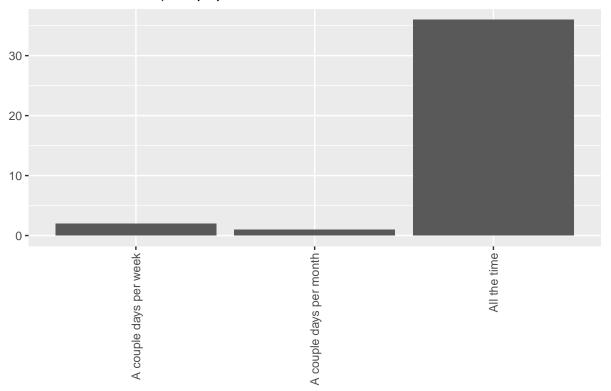


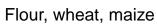
Biscuits cracker (cabin...)

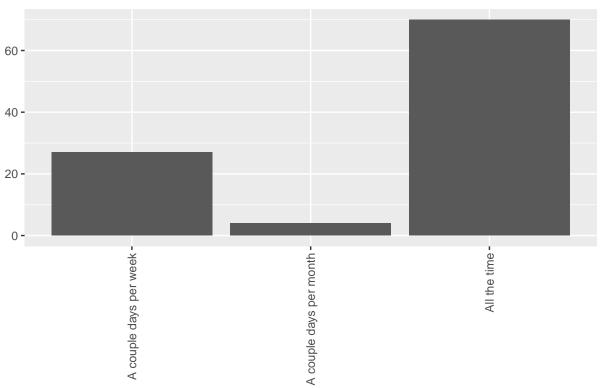




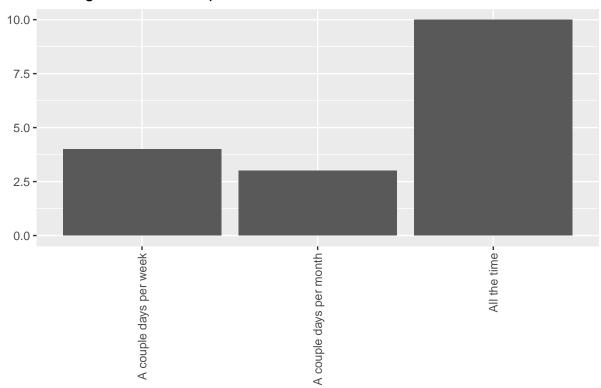
Breakfast cereal (rice pops, cornflaks, oatflakes, oatflakes wheatbix and other



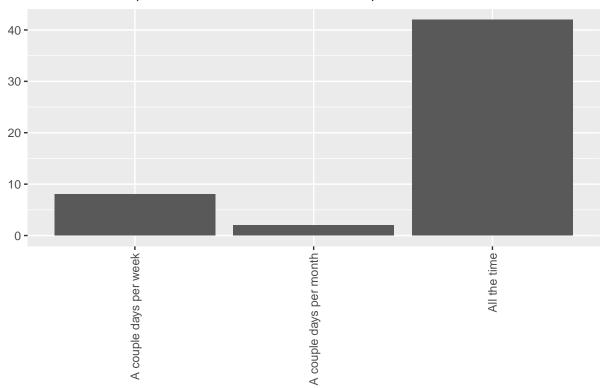




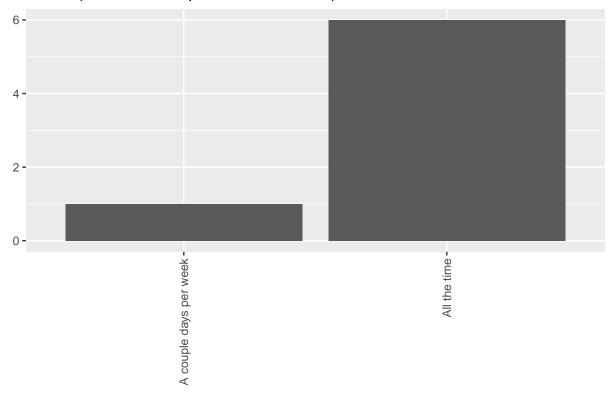
Other grain or cereals product



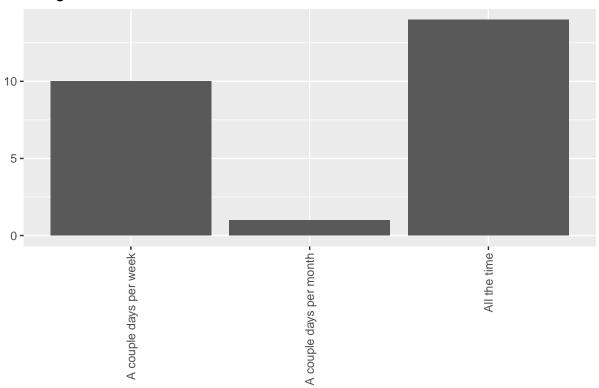
Biscuit sweet (chocolate flavoured, cookies...)



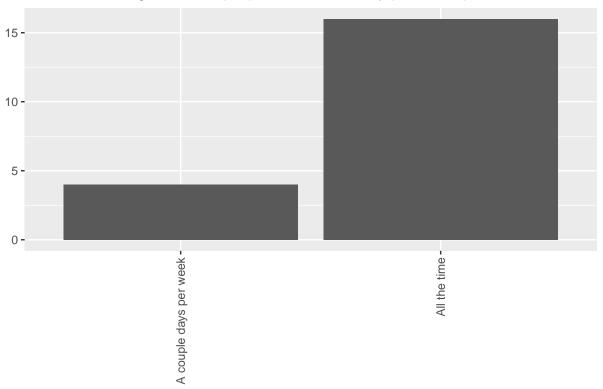
Bread (sliced, loaf, square, rolls, French)



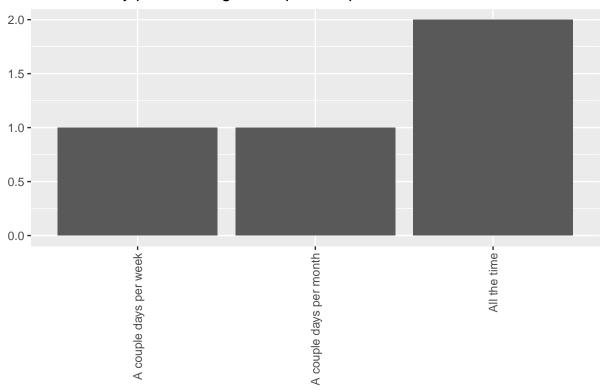
Doughnuts



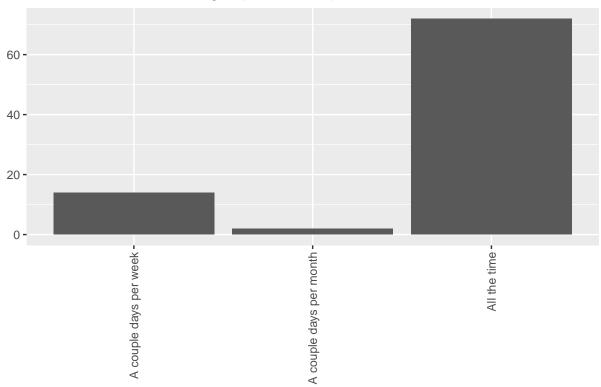
Mixes and doughs for the preparation of bakery products pancake



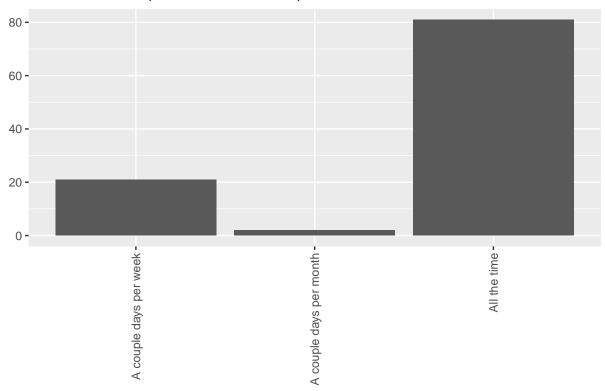
Other bakery products, eg nem, quiches, pizzas etc

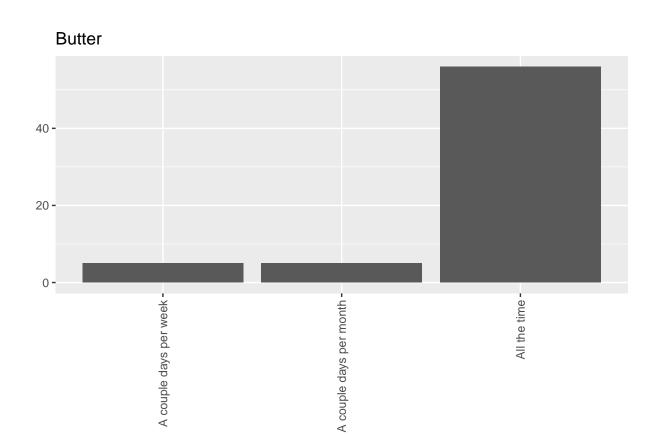


Condensed milk with sugar (carnation...)

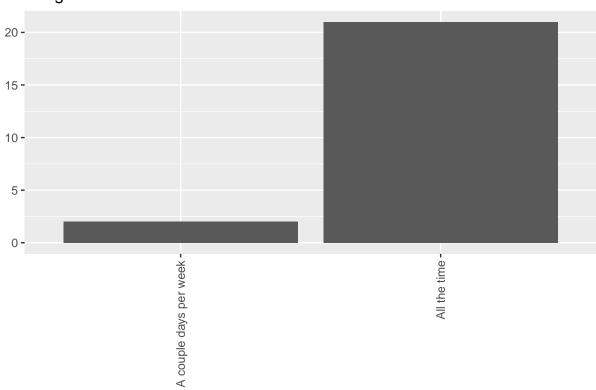


Powdered milk (sunshine, anchor...)

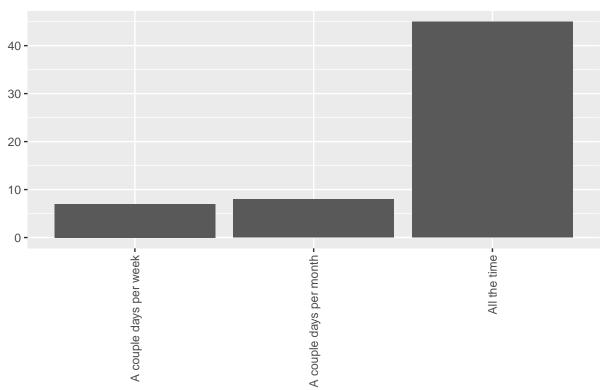




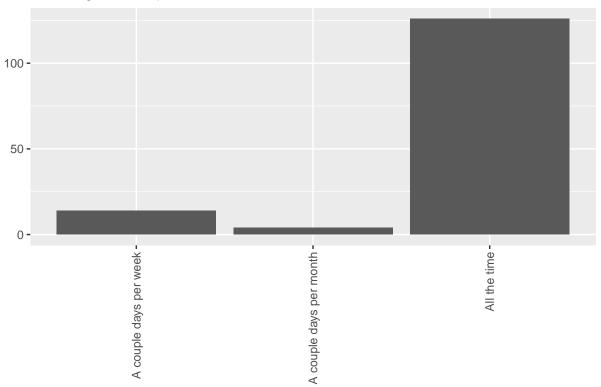




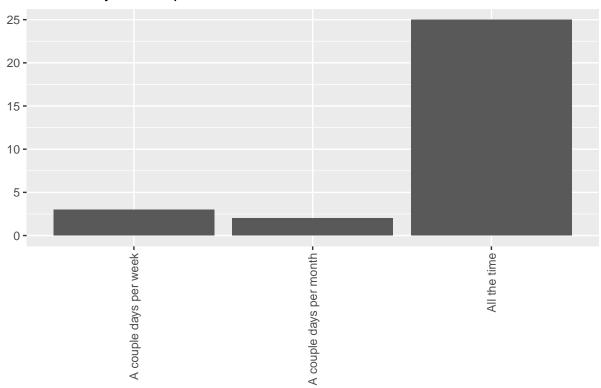
Peanut butter

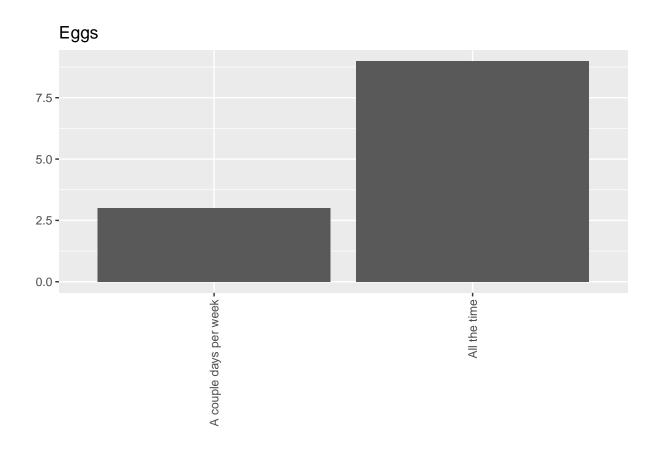


Cooking oil & amp; fats

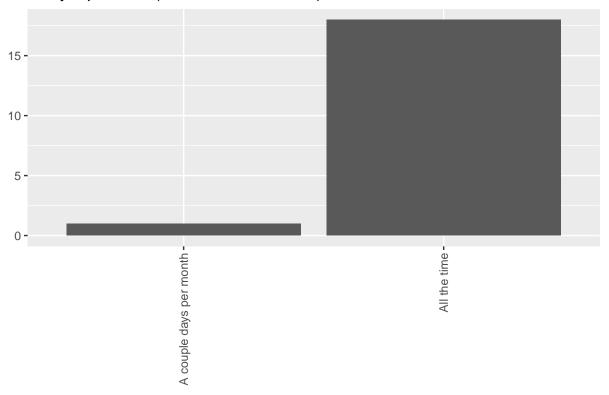


Other diary and oil product

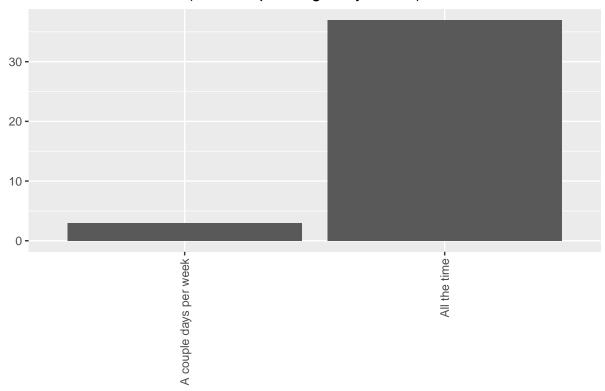




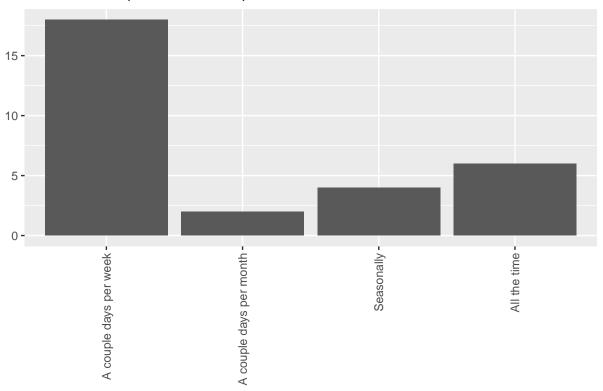
Diary liquid milk (Pauls milk, Anchor...) skimmed, whole



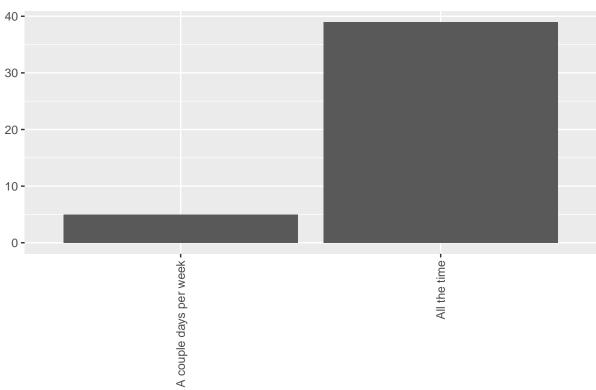
Milk based desserts (custard, pudding dairy based)



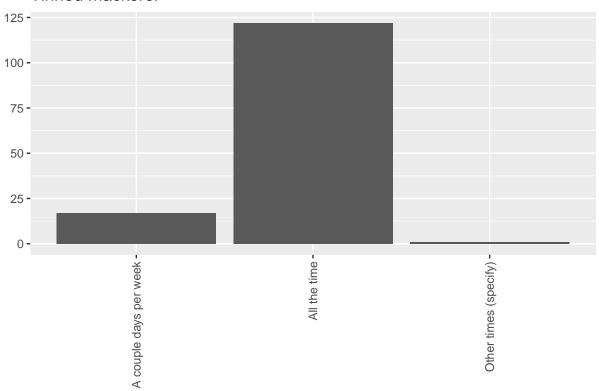
Oceanic fish (fresh or frozen) - tuna, wahoo, mahi mahi, etc



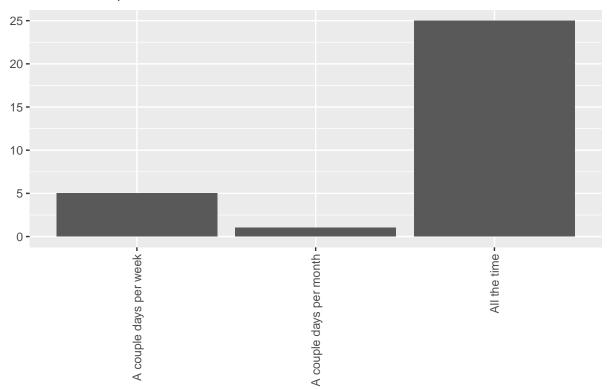




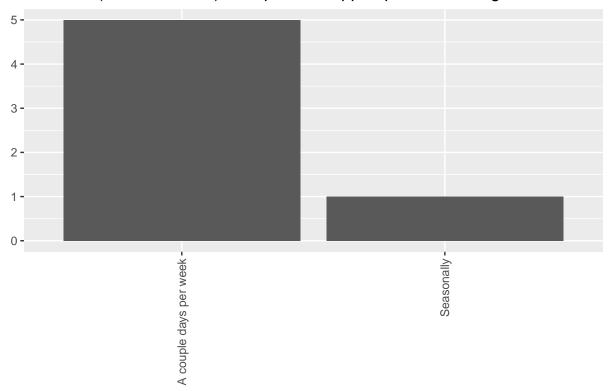
Tinned mackerel

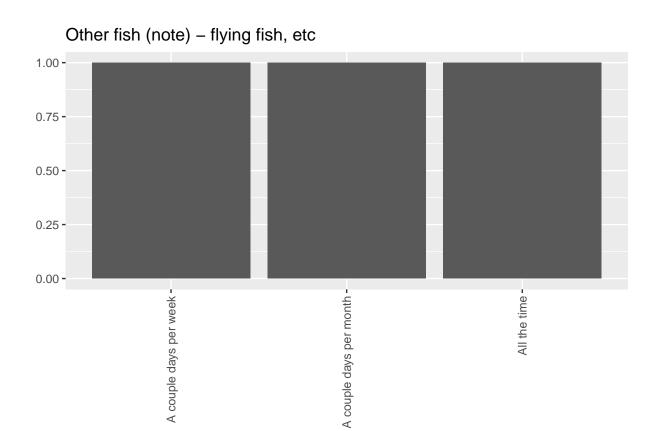


Other dried, canned or salted fish

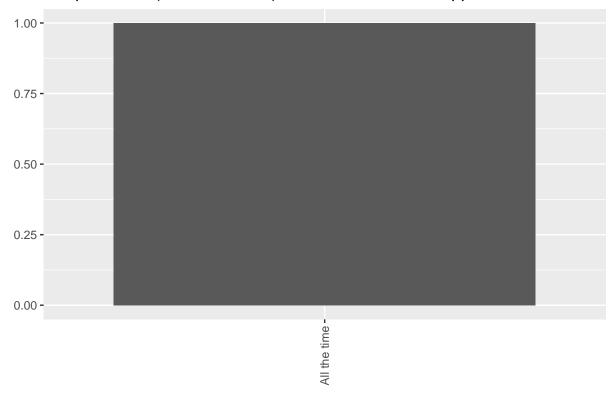


Reef fish (fresh or frozen) - emperor, snapper, parrotfish, surgeonfish, etc

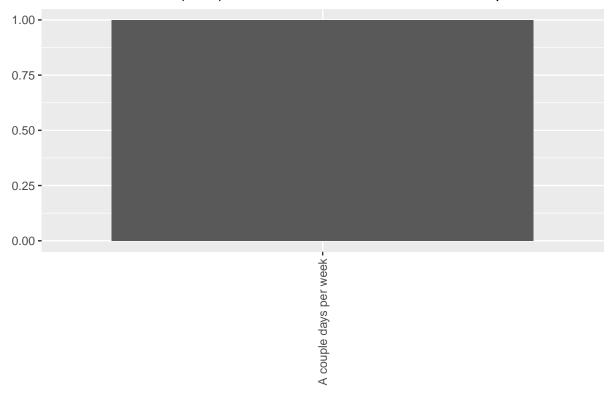




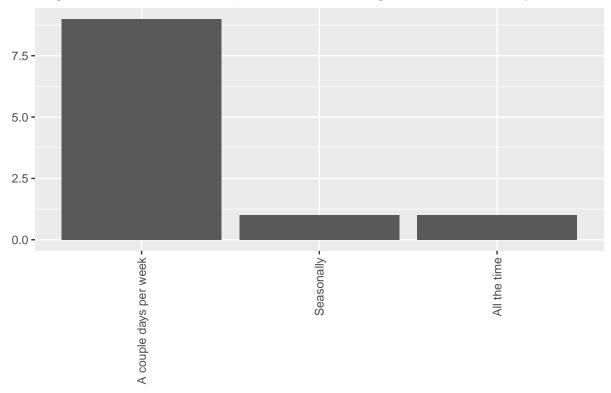
Deep sea fish (fresh or frozen) - Poulet fish, Red snapper etc



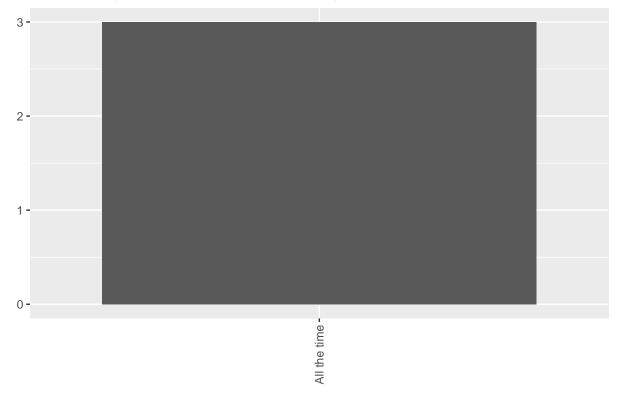
Other non-finfish (note) - other bivalves, ocean crabs, octopus, sea cucun



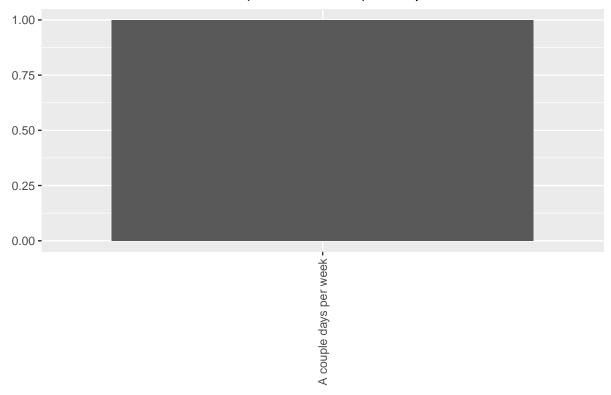
Lagoon and sand flat fish (fresh or frozen) - goatfish, silver biddy, mullet, bo



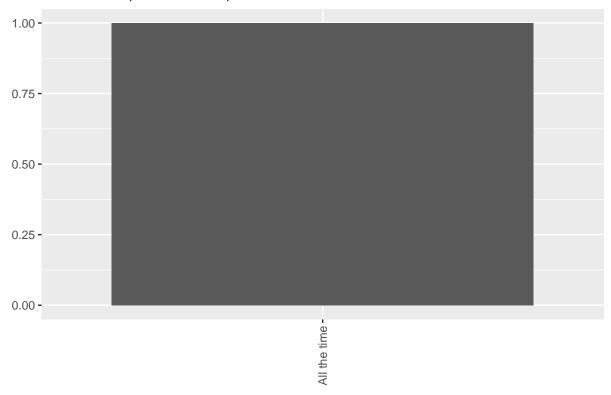
Land crab (mud crab, coconut crab, etc.)



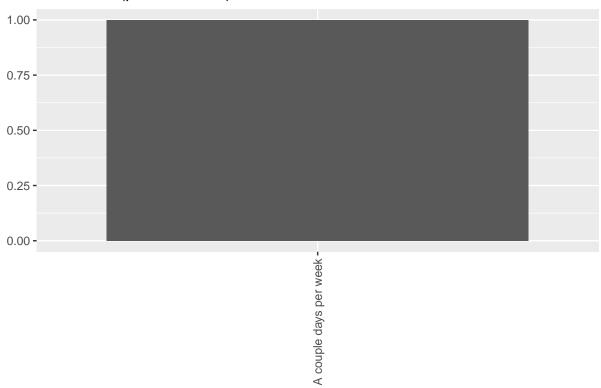
Fresh water fish, river fish (fresh or frozen) - Tilapia etc

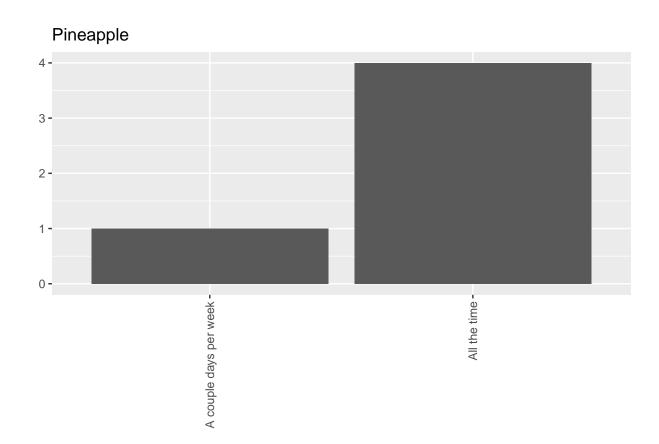


Sea snails (trochus, etc.)

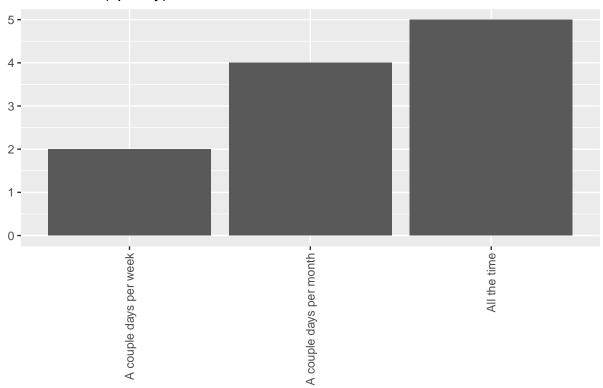


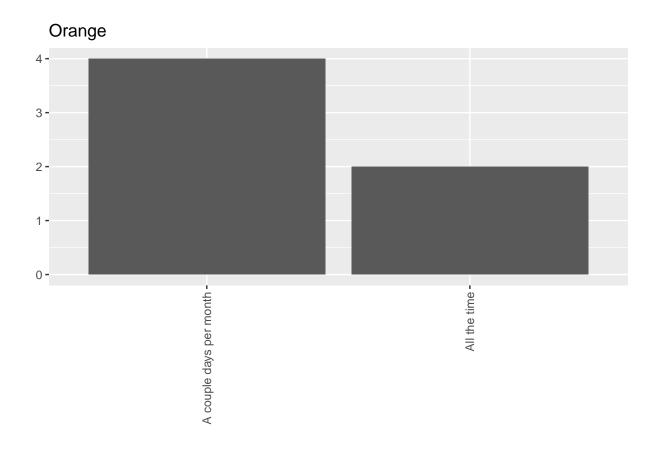
Sea worm (peanut worm)

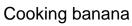


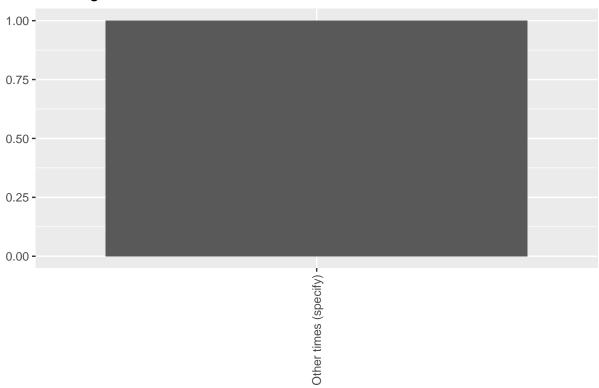


Other fruit (specify)

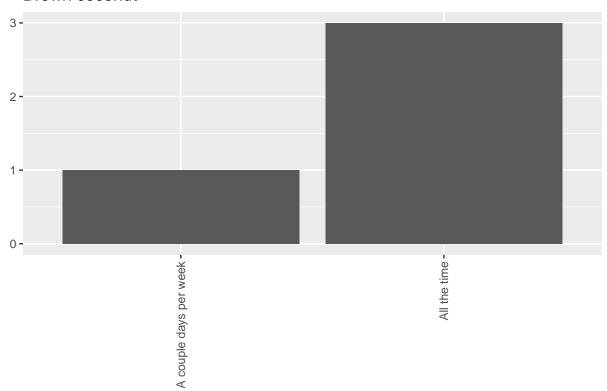




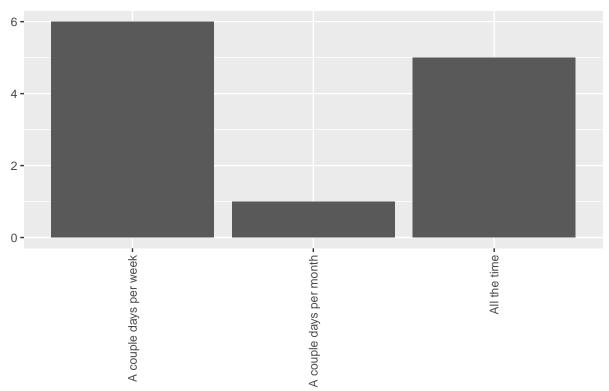


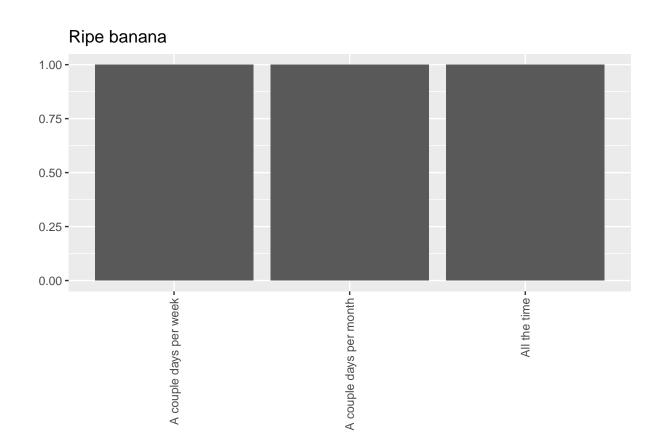


Brown coconut

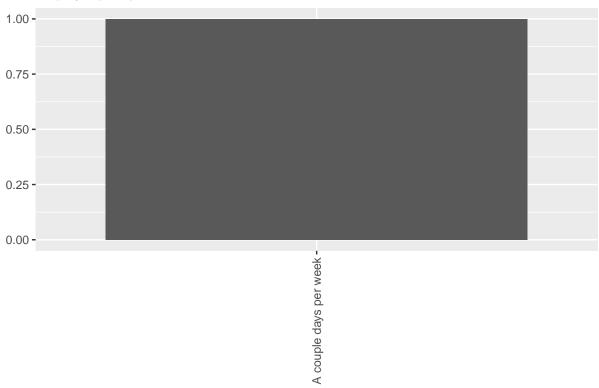


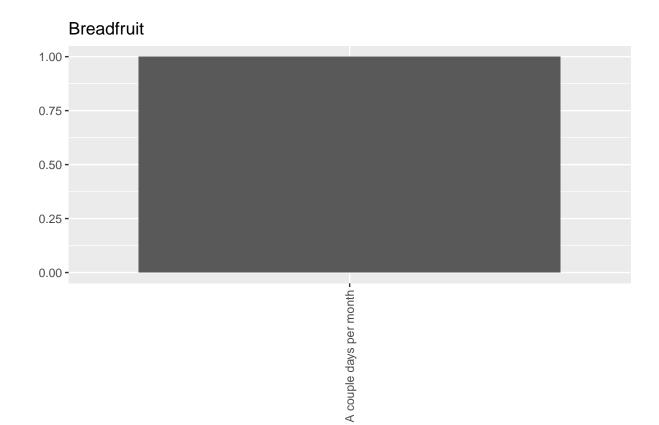
Fruit in a can / can fruit salad



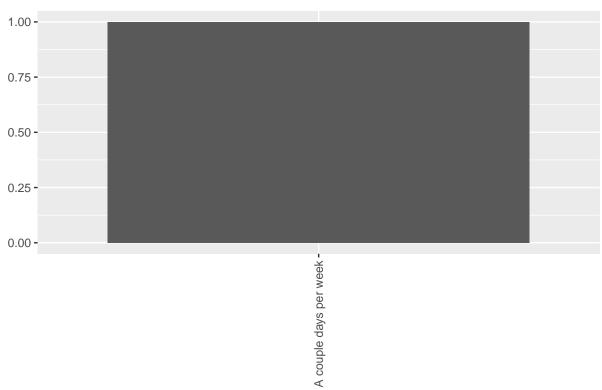




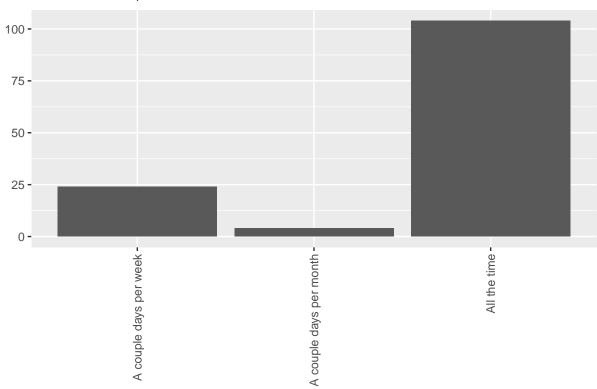




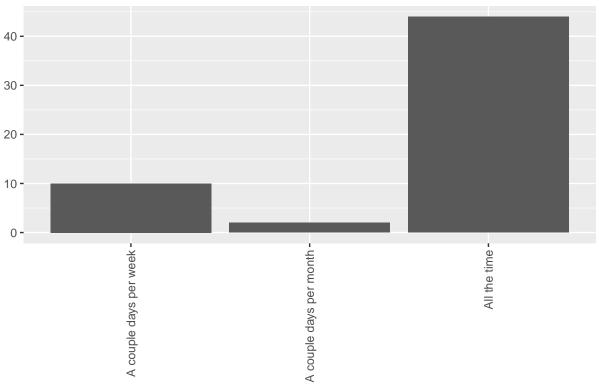


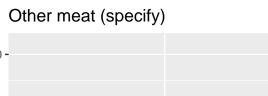


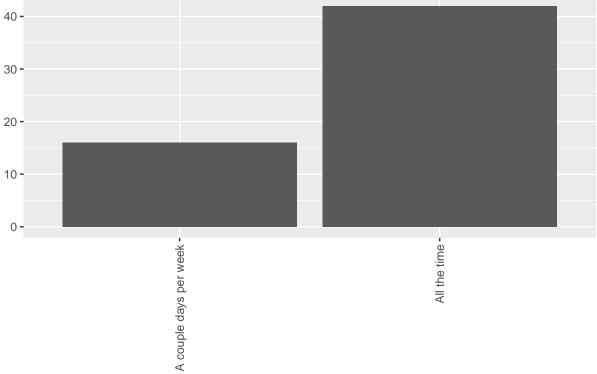
Canned meat, corned beef



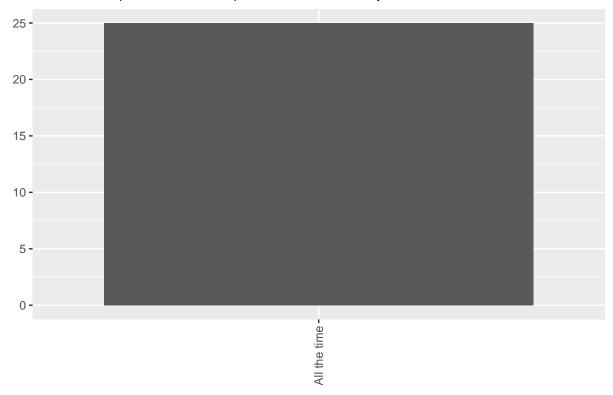




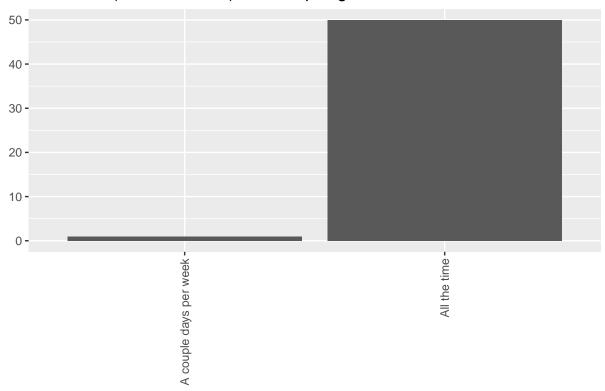




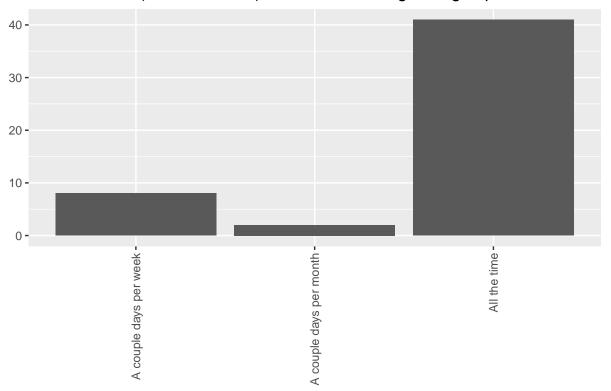
Beef meat (fresh or frozen) steak, mince rump

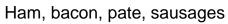


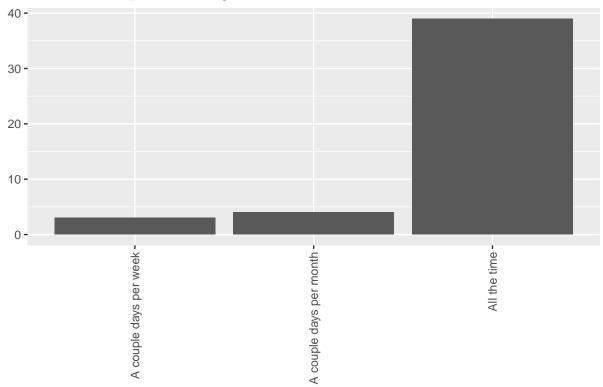
Pork meat (fresh or frozen) ribs, chop, leg



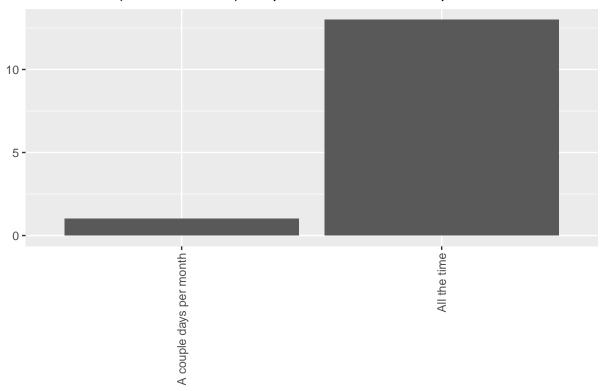
Chicken meat (fresh of frozen) whole chicken, legs, wings, quaters, drumstic



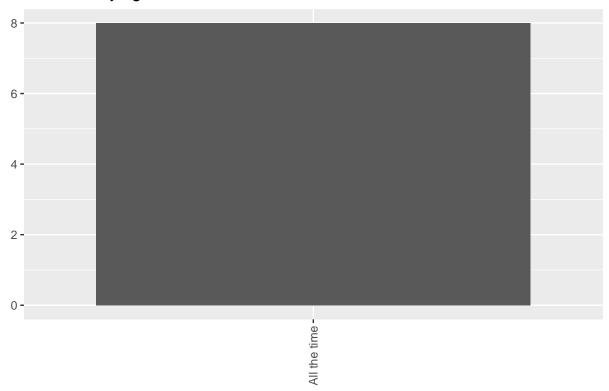


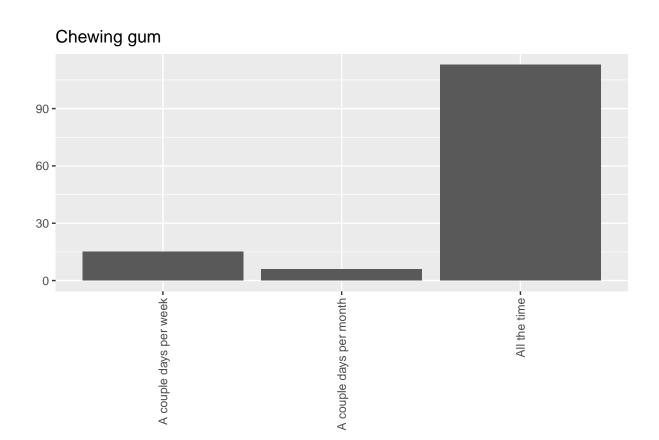


Lamb meat (fresh or frozen) chops, shanks, mutton flaps

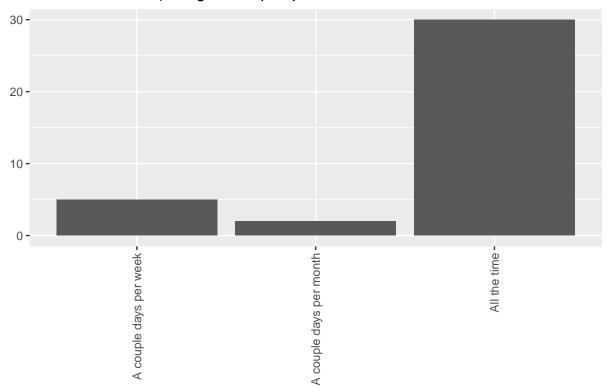


Wild bird, flying fox

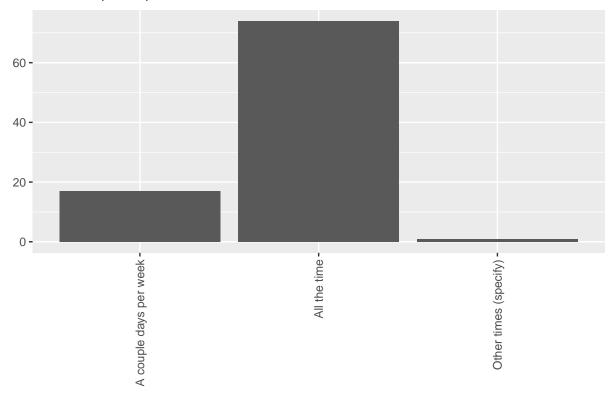




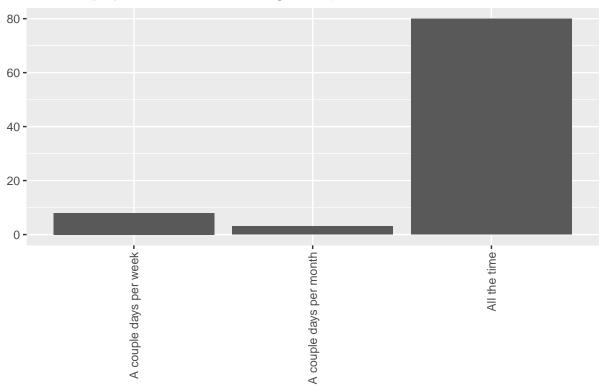
Chinese sweets (mango skin, pawpaw skin etc



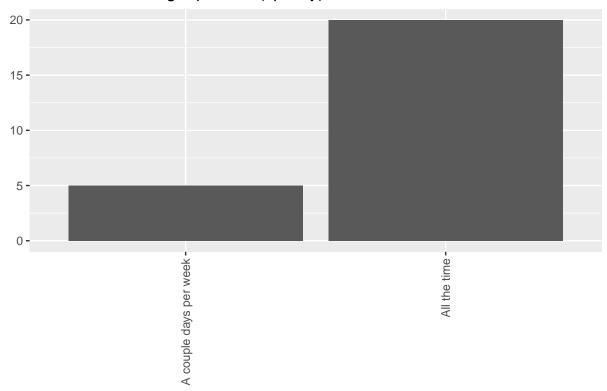
Ice block, icies, ice frubu etc



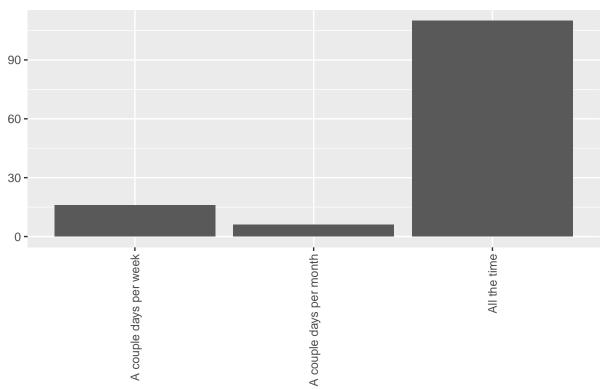
Snacks (pop corns, twisties, bongoes....)

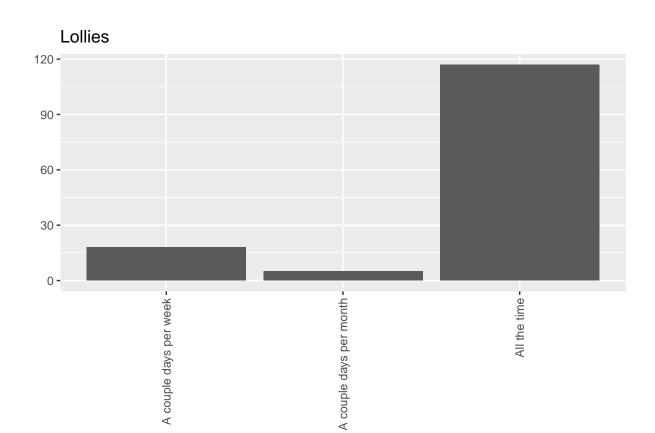


Other snack or sugar product (specify)

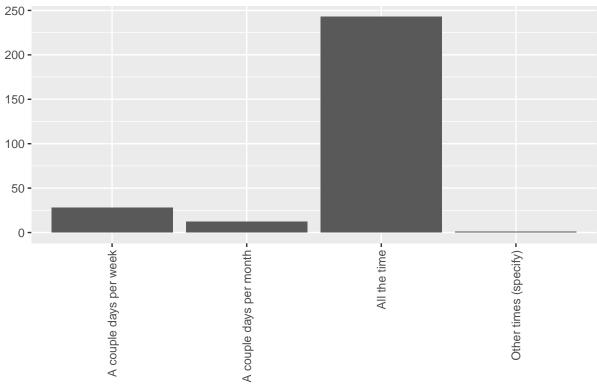


Chocolate in bars or in slabs

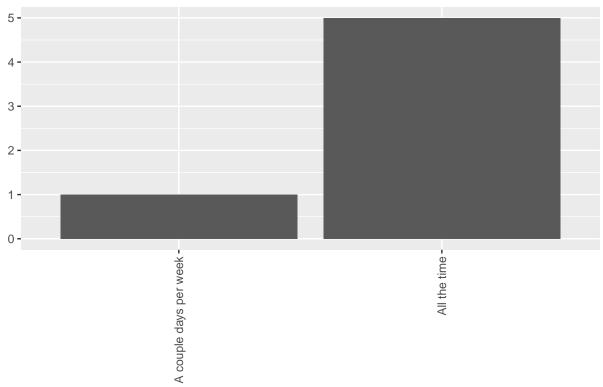




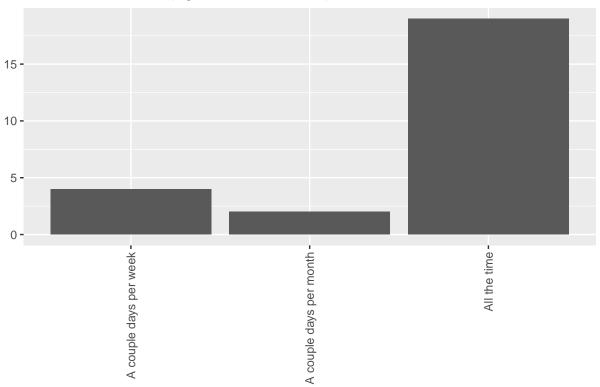


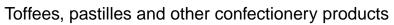


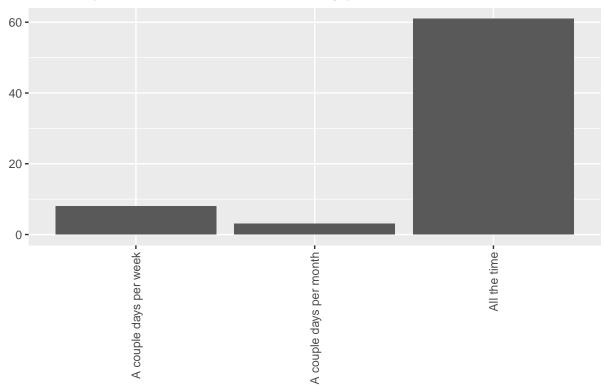




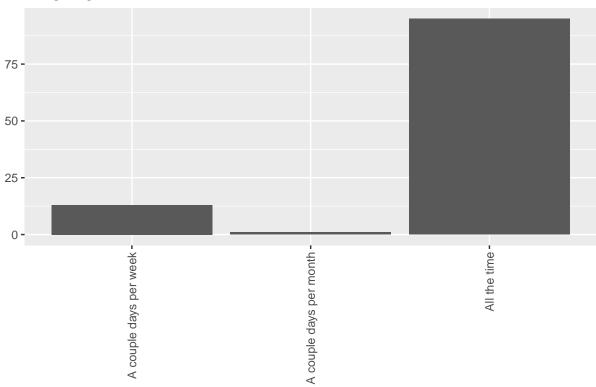
Cocoa based food (eg Nutella, marmite)

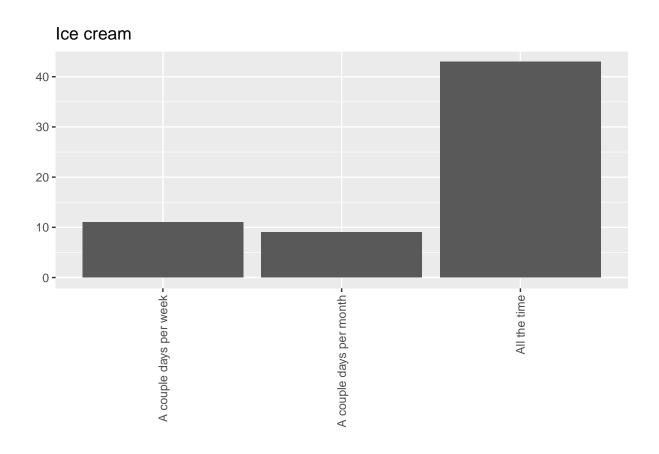




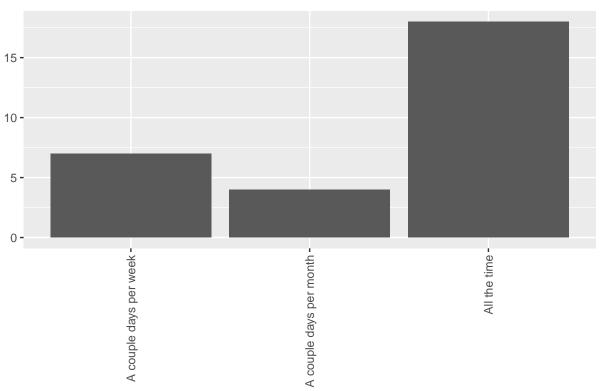




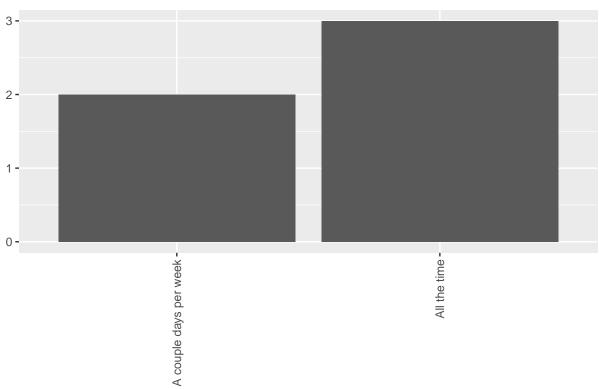




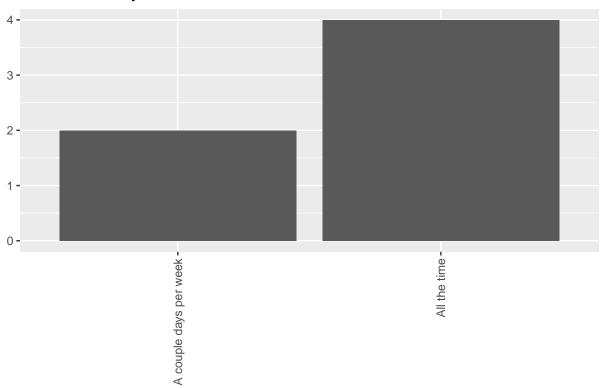
Ice cream cones



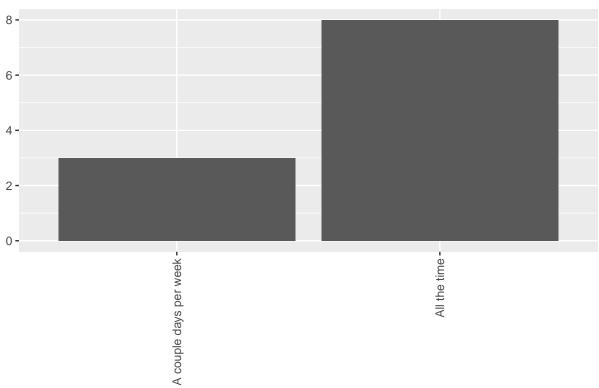




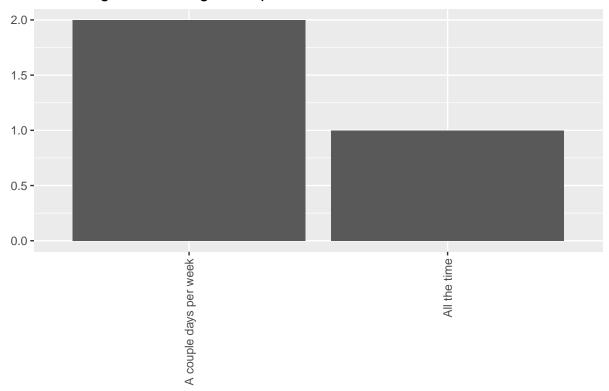
Other takeaway meals







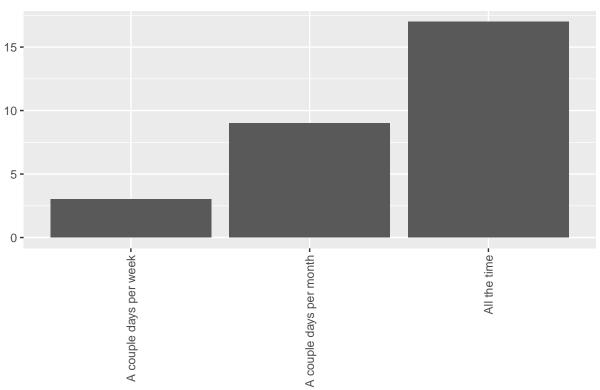
Other vegetable or vegetable product

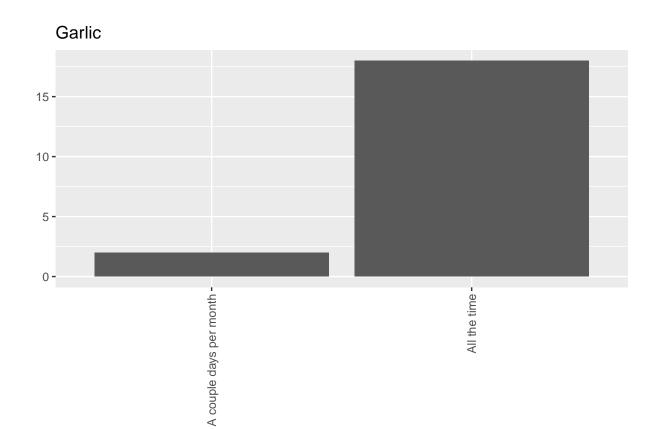


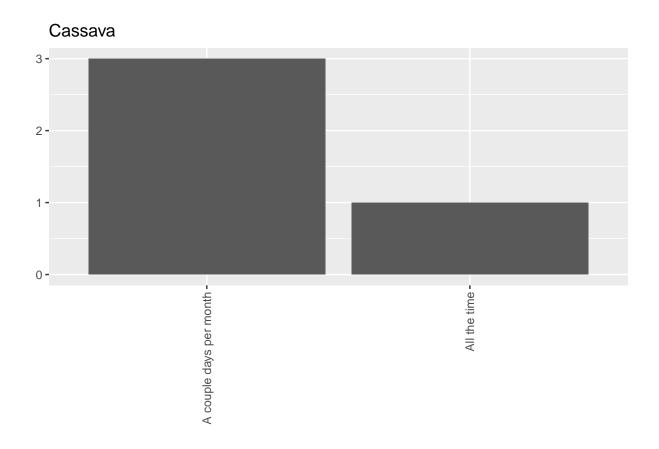


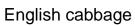


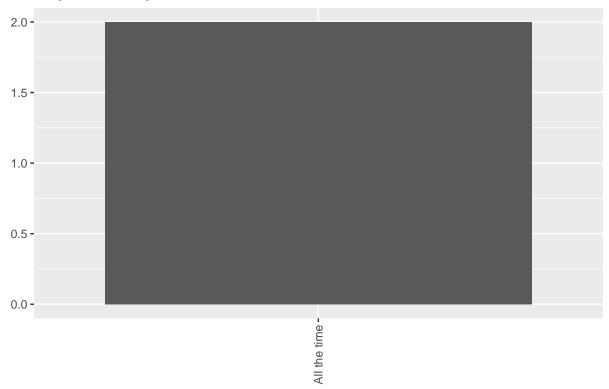
Onion round

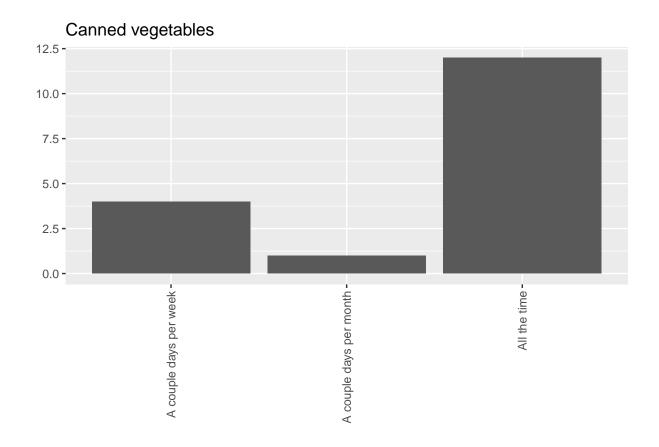


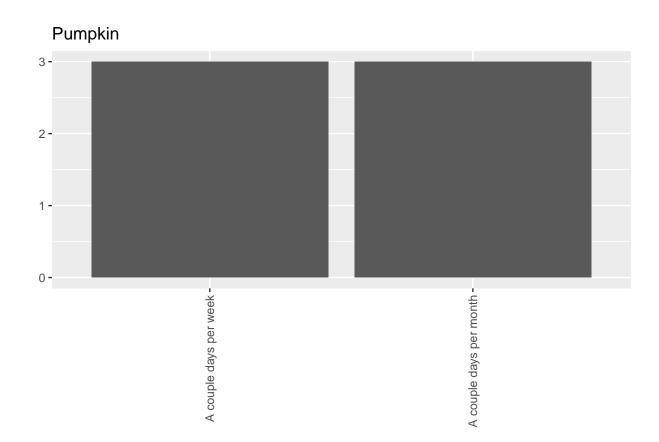


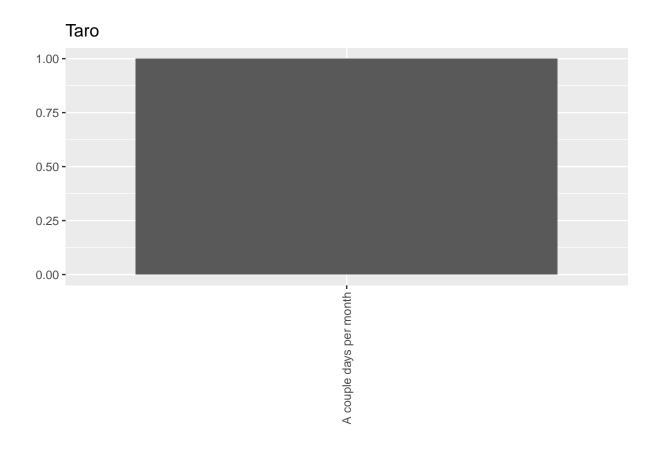


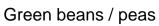


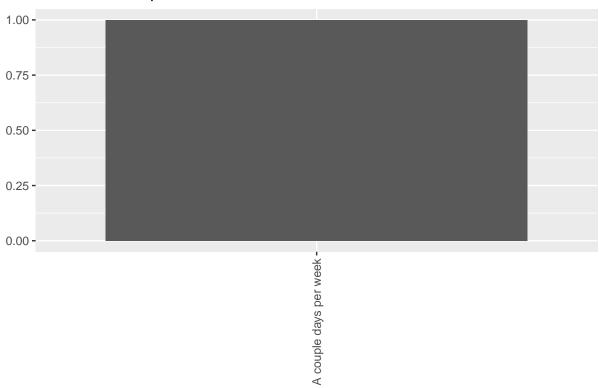












Long bean/snake beans

