

Unraveling the Mystery of Rarotongan Lagoon

Problem Set 1

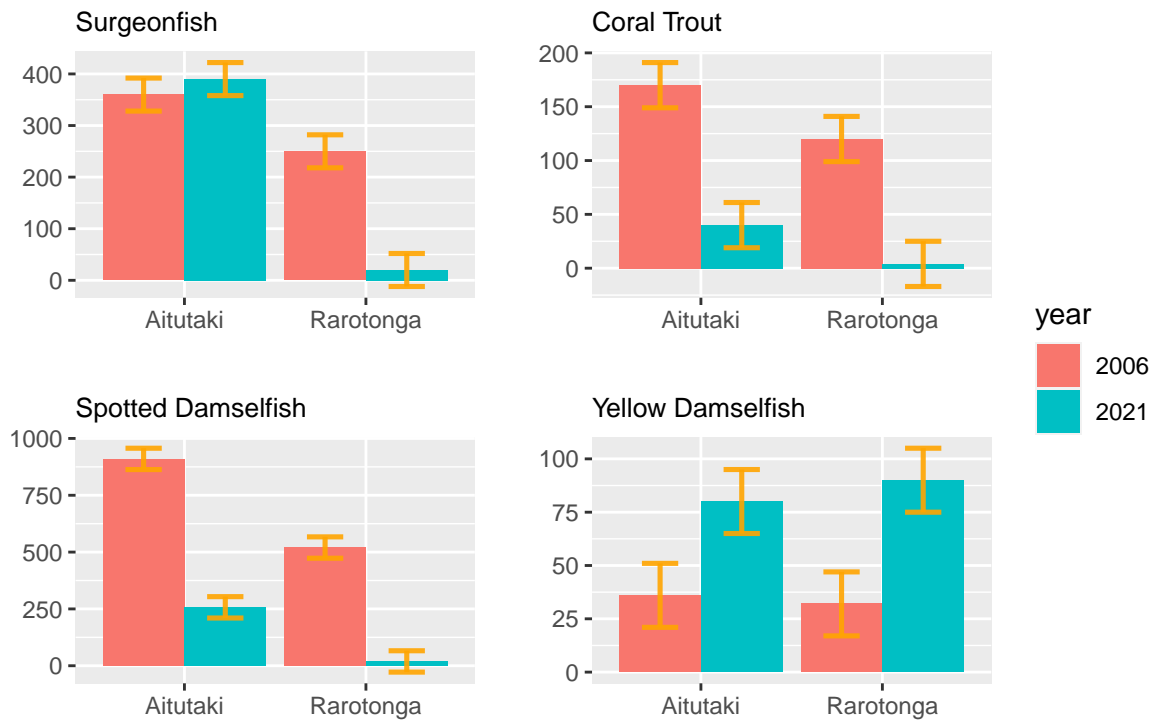
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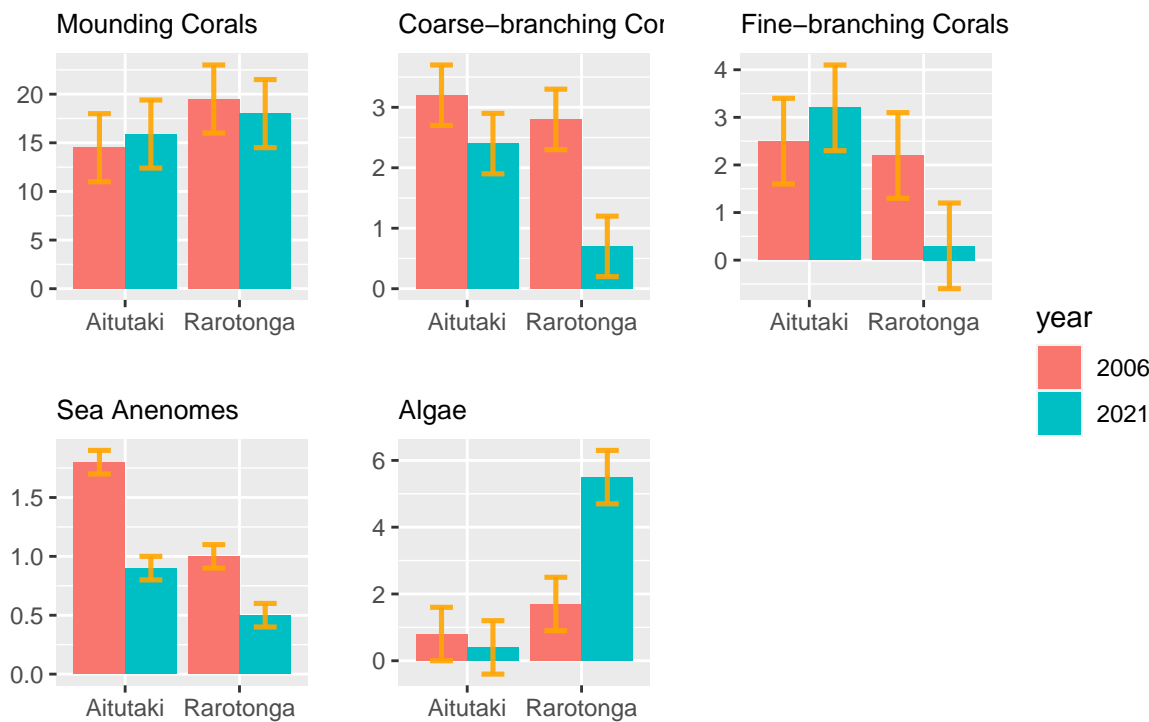
Identifying Patterns in the Data

1. Patterns in Adult Organism Density across Year/Location

Adult Fish: Number per 100m² of reef

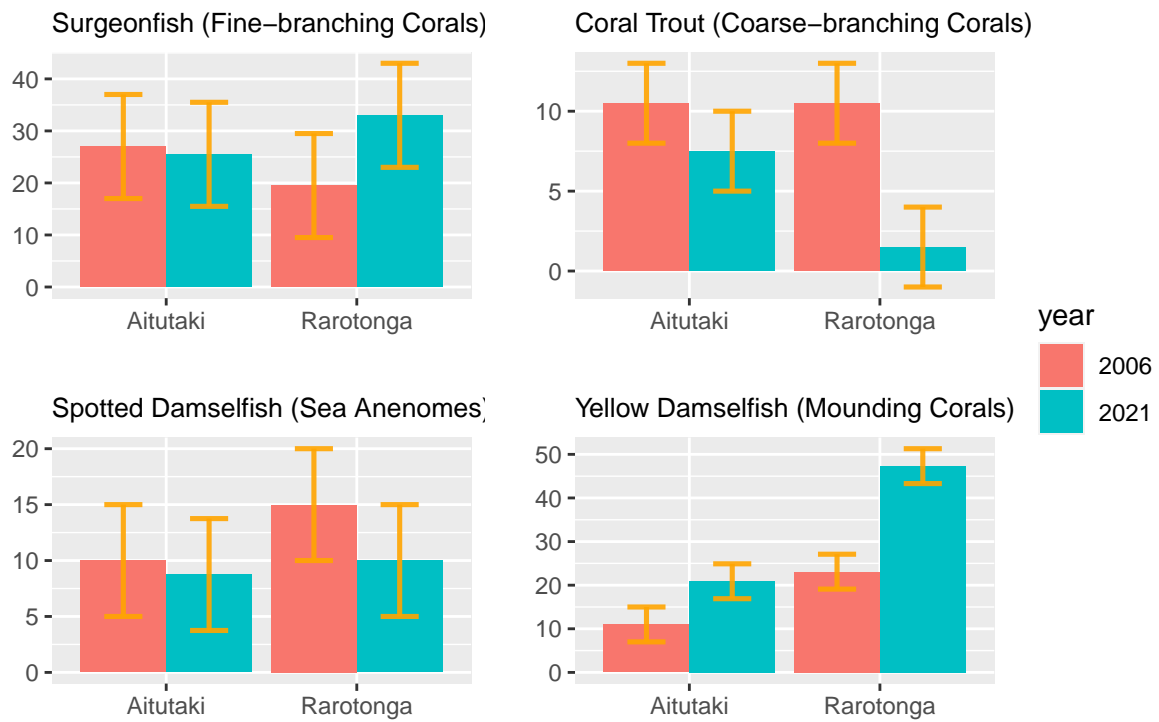


Other Organisms: Amount of Bottom Covered (m²) per 100m² of Reef



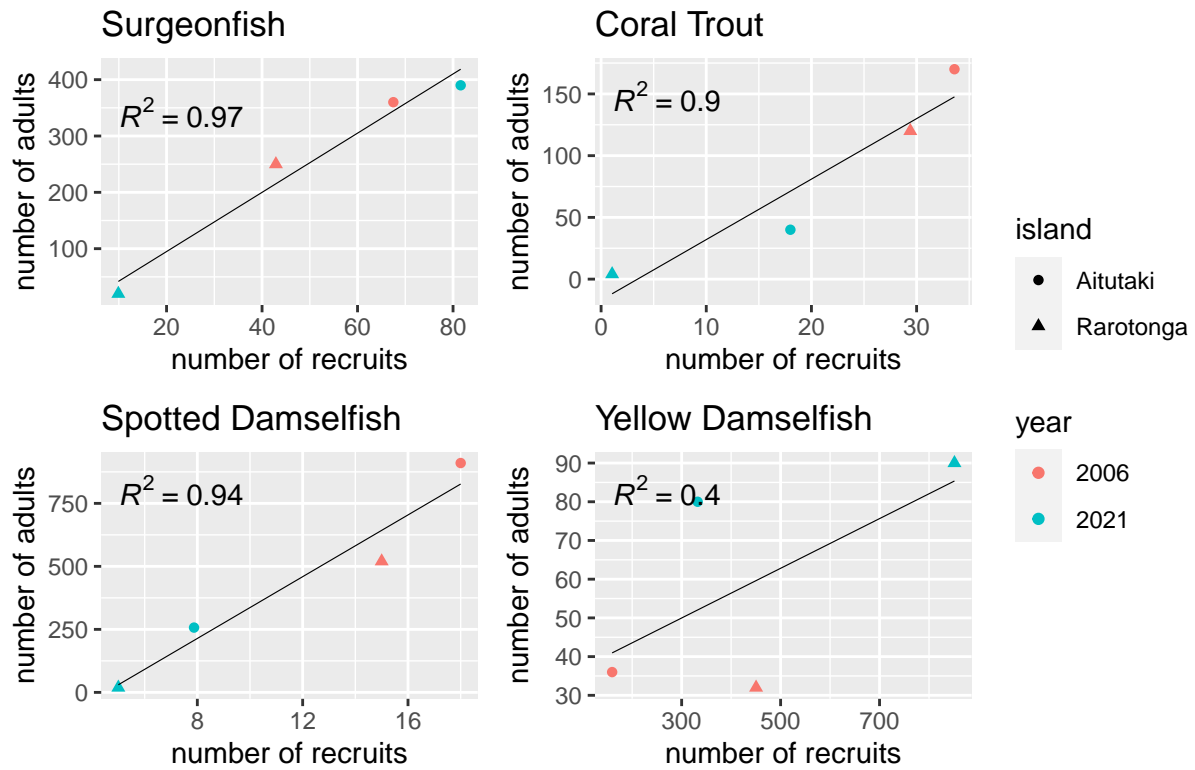
2. Patterns in New Recruit Density across Year/Location

Young Fish: Number of new recruits per 1m² of preferred microhabitat



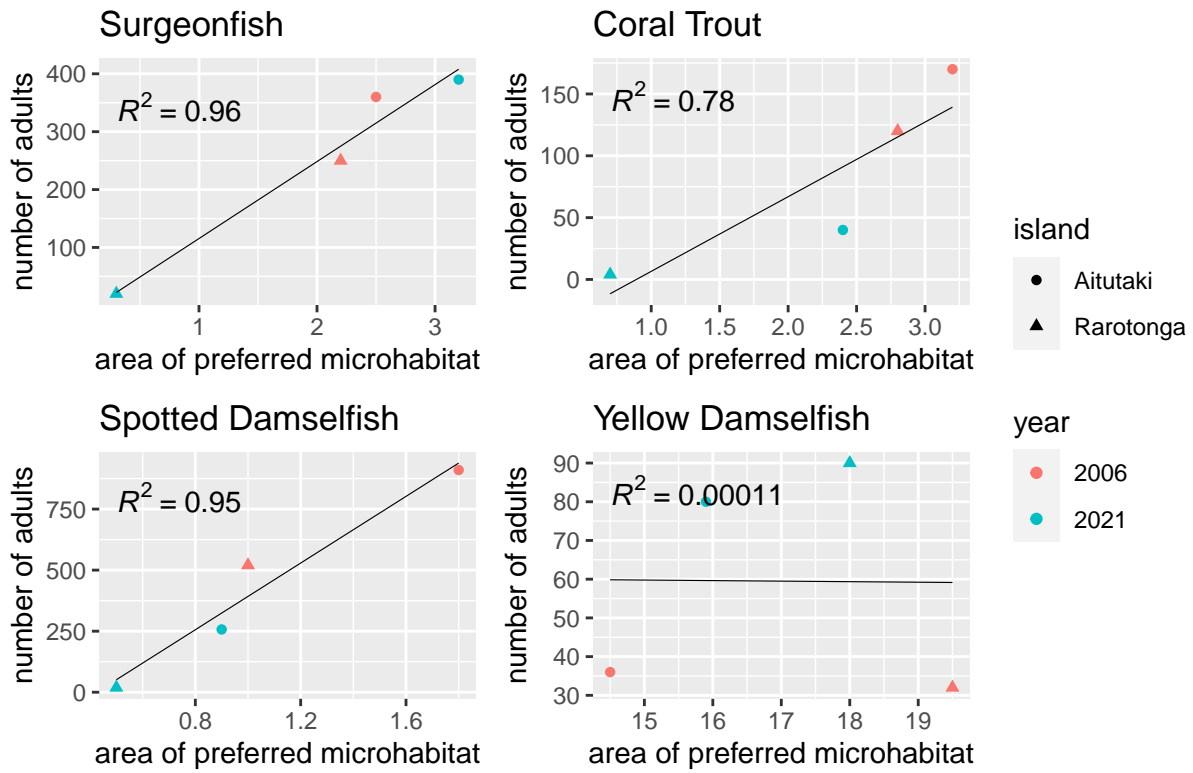
3. Comparing Density of Adults and Recruits

Density of Adults versus New Recruits per 100m² of Reef



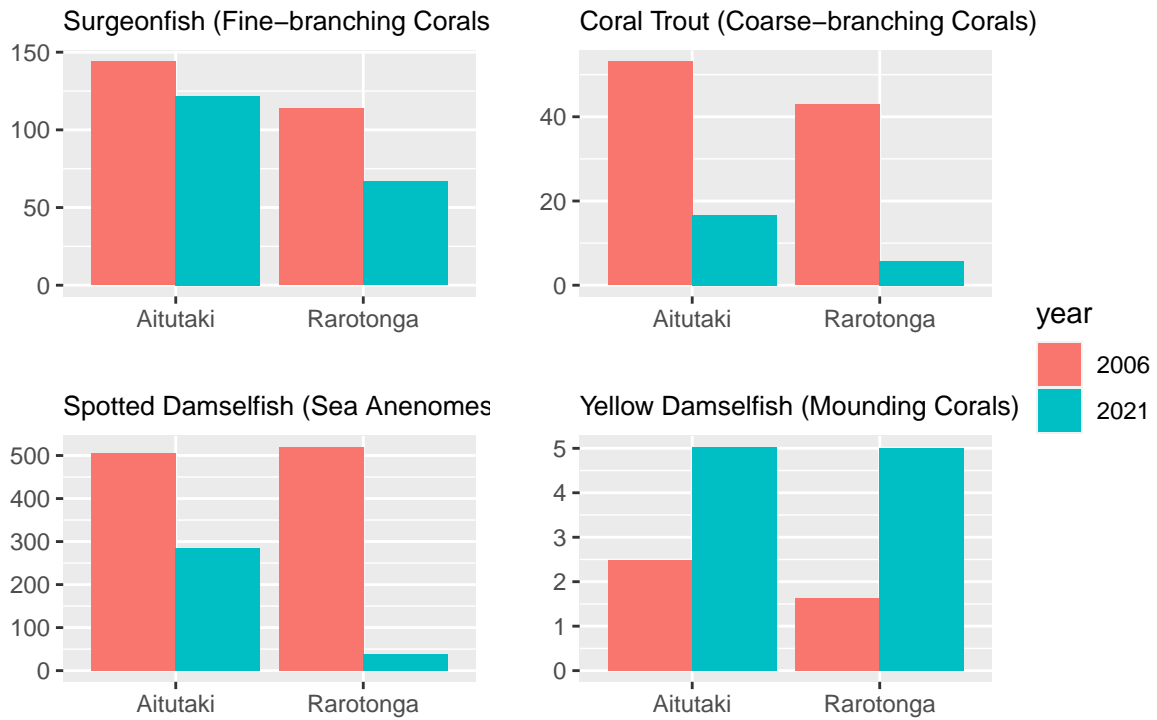
4. Comparing Density of Adults with Area of Preferred Microhabitat

Area of Microhabitat versus Density of Adults per 100 m² of Reef



5. Density of Adult Fish per Area of Microhabitat preferred by Young

Number of adult fish per m² of microhabitat preferred by young



6. Comparing Density between each Species Pair

Comparing Adult Fish Densities between Species

