

# Global Fishing Fleet in Figures

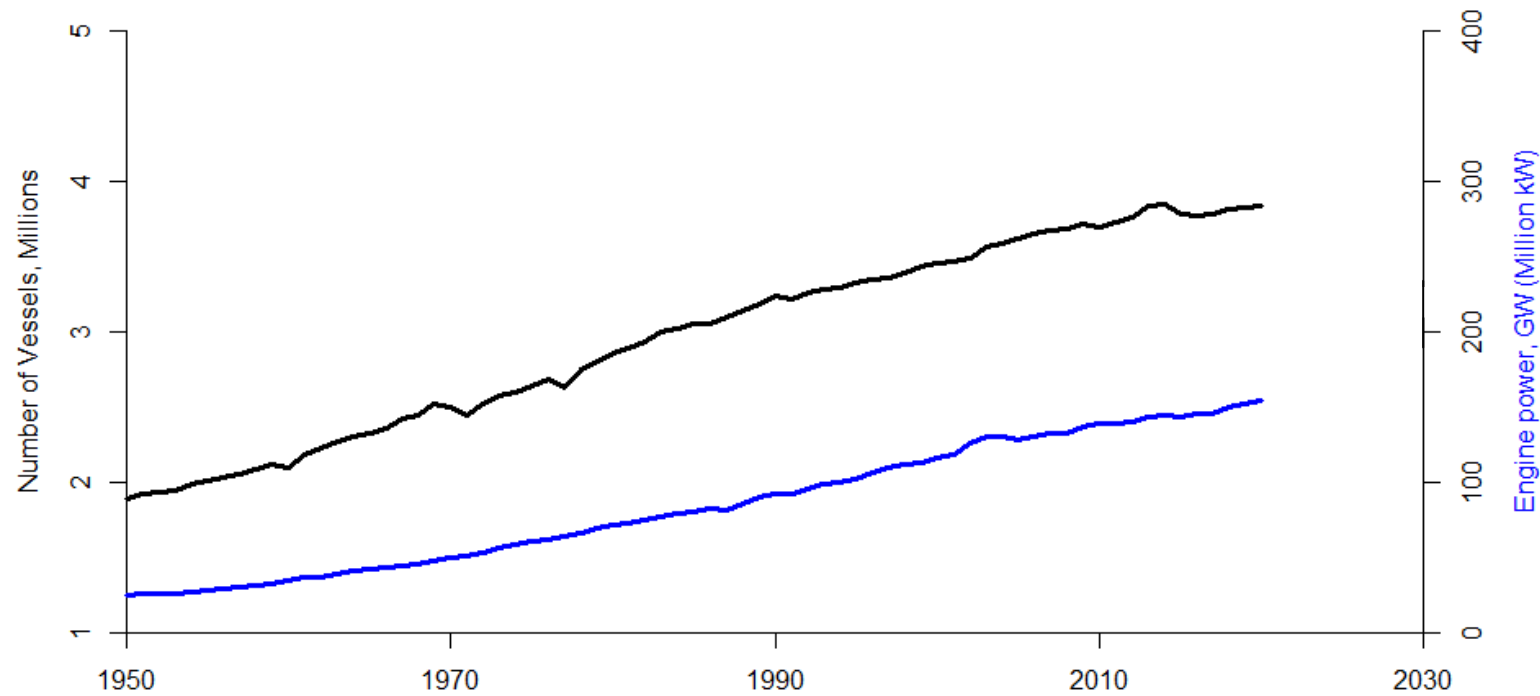
Yannick Rousseau, PhD

# Definitions (refresher)

- ▶ **Capacity:** The physical capital invested in the fishery.  
(number of vessels, engine power, investment funds, ...)  
=> Tangible, concrete assets
- ▶ **Effort:** The use of the capacity in fisheries.  
(time spent, capacity utilization, idle, ...)  
=> Measurable, more value added.
  - ▶ **Nominal effort:** Direct measure of time spent fishing per boat.
  - ▶ **Effective effort:** Adds non-tangible components (technology, knowledge).

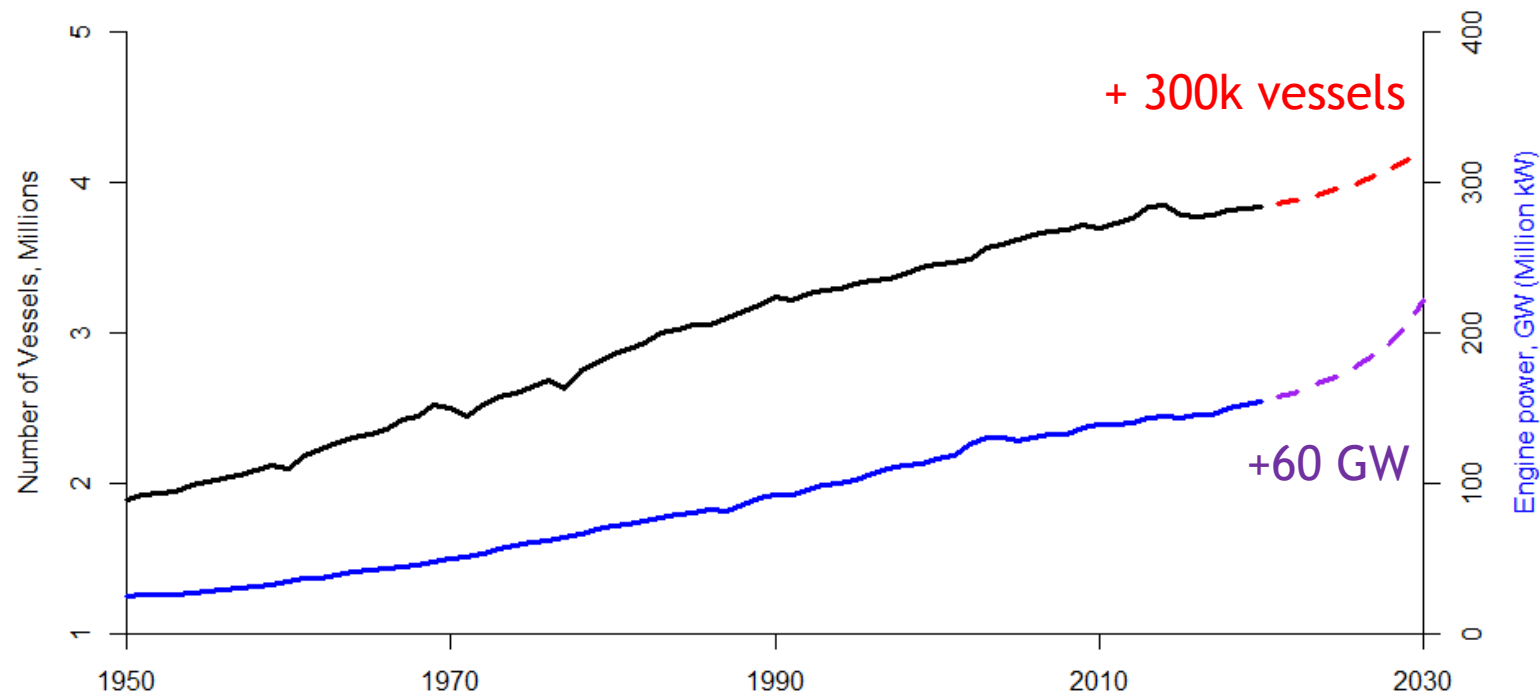
# Change in capacity

Capacity: Total marine fishing fleet, Vessels/Engine power



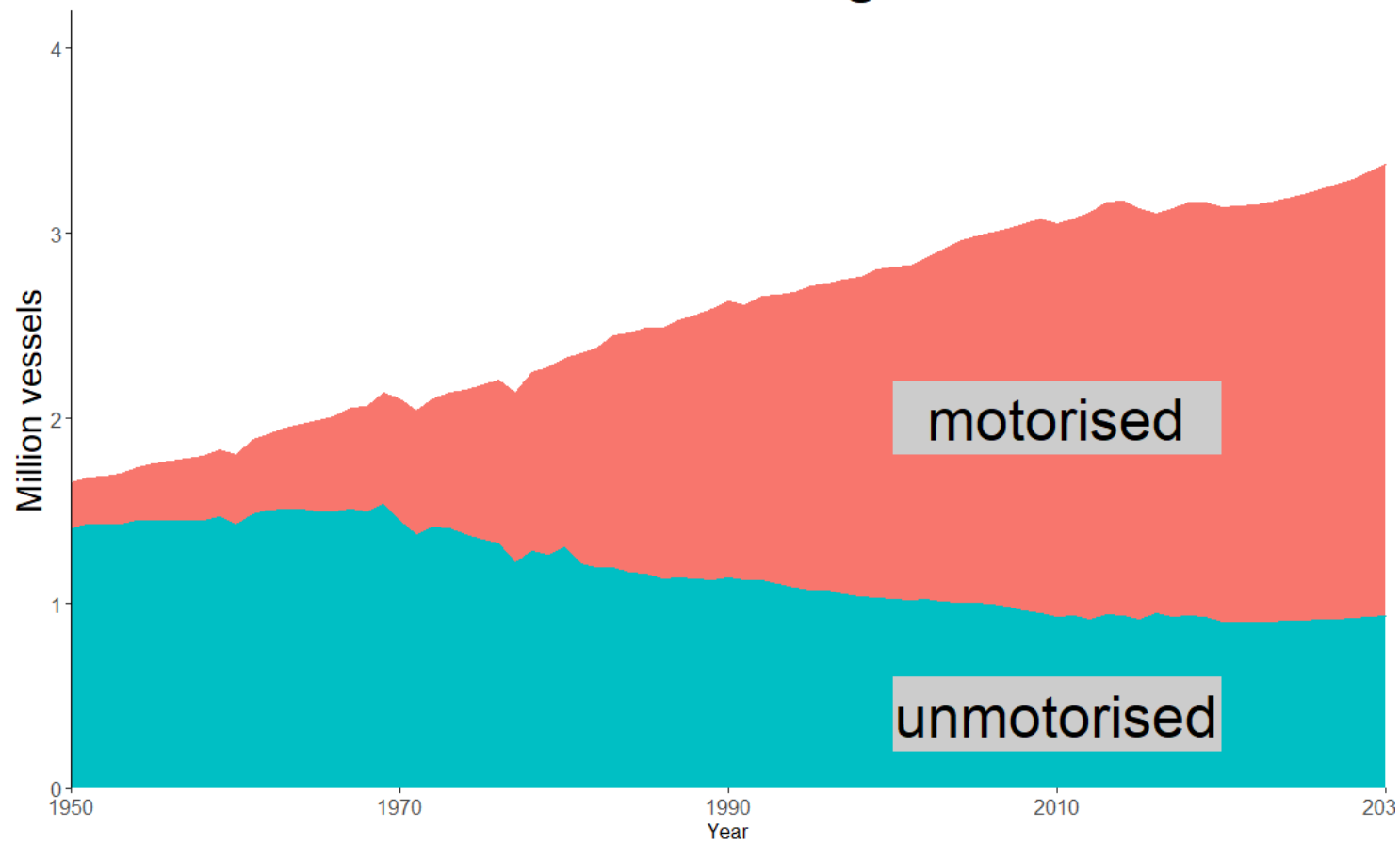
# Change in capacity

Capacity: Total marine fishing fleet, Vessels/Engine power

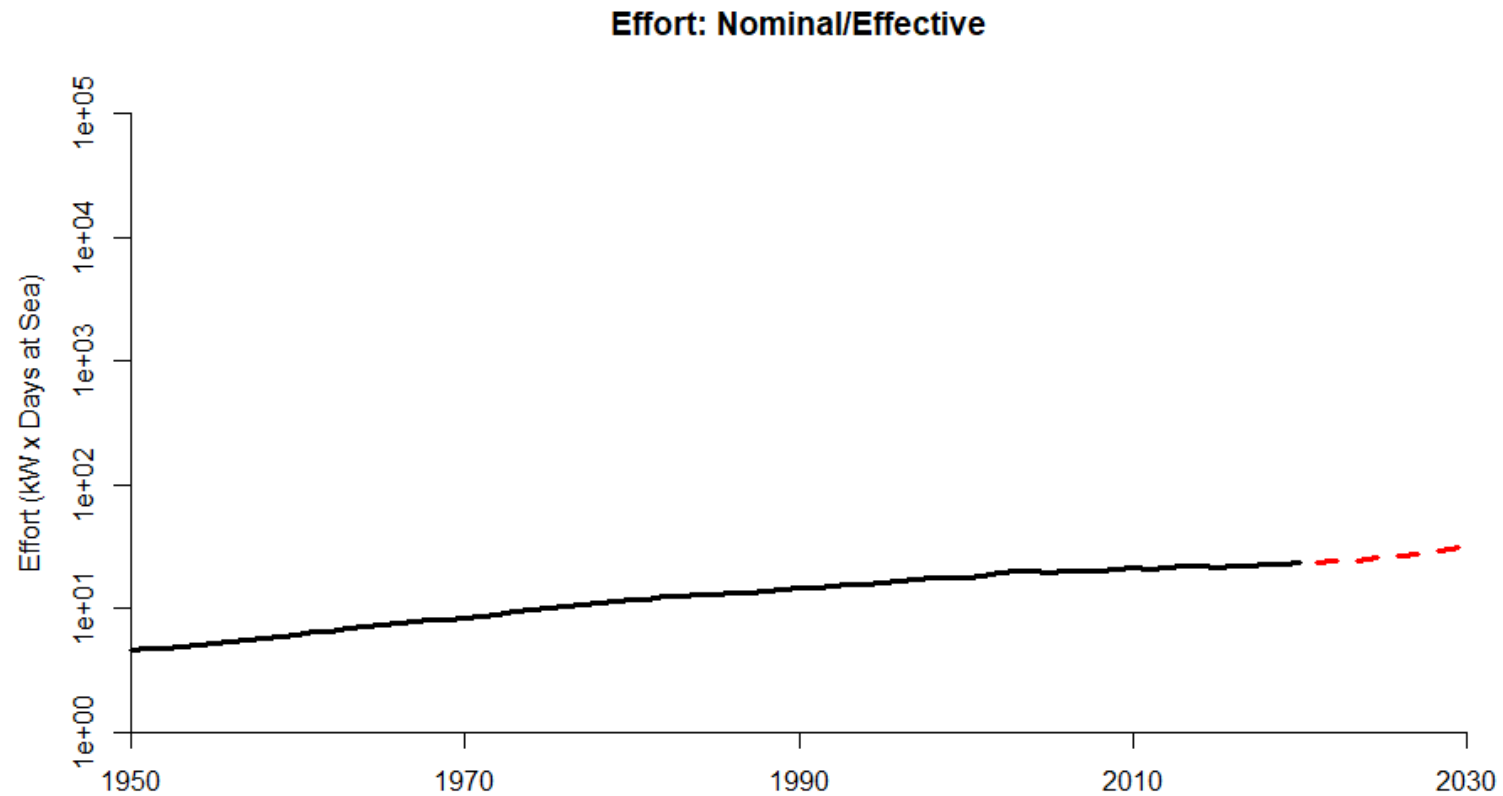


# Change in capacity

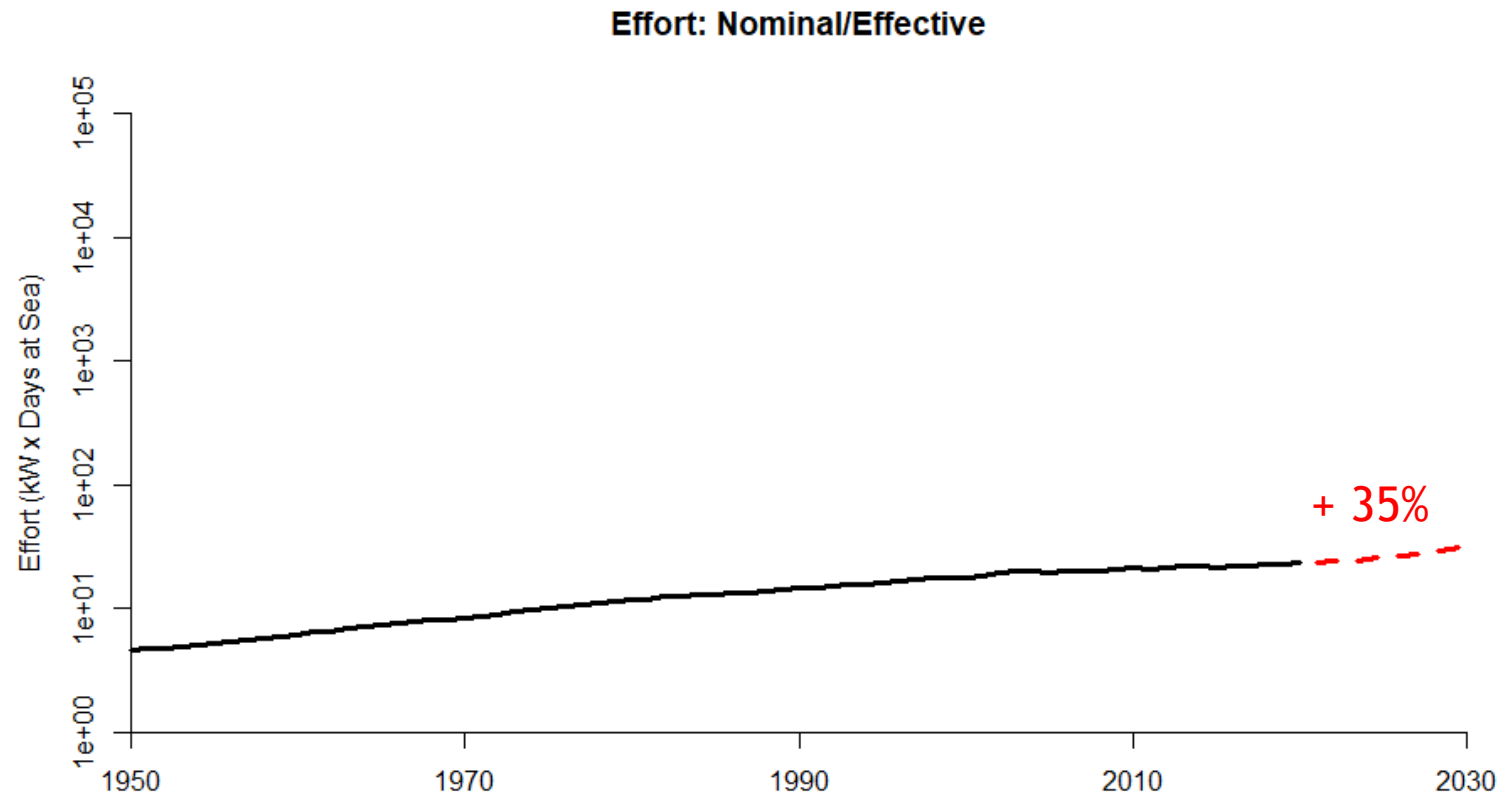
## Artisanal fishing fleet



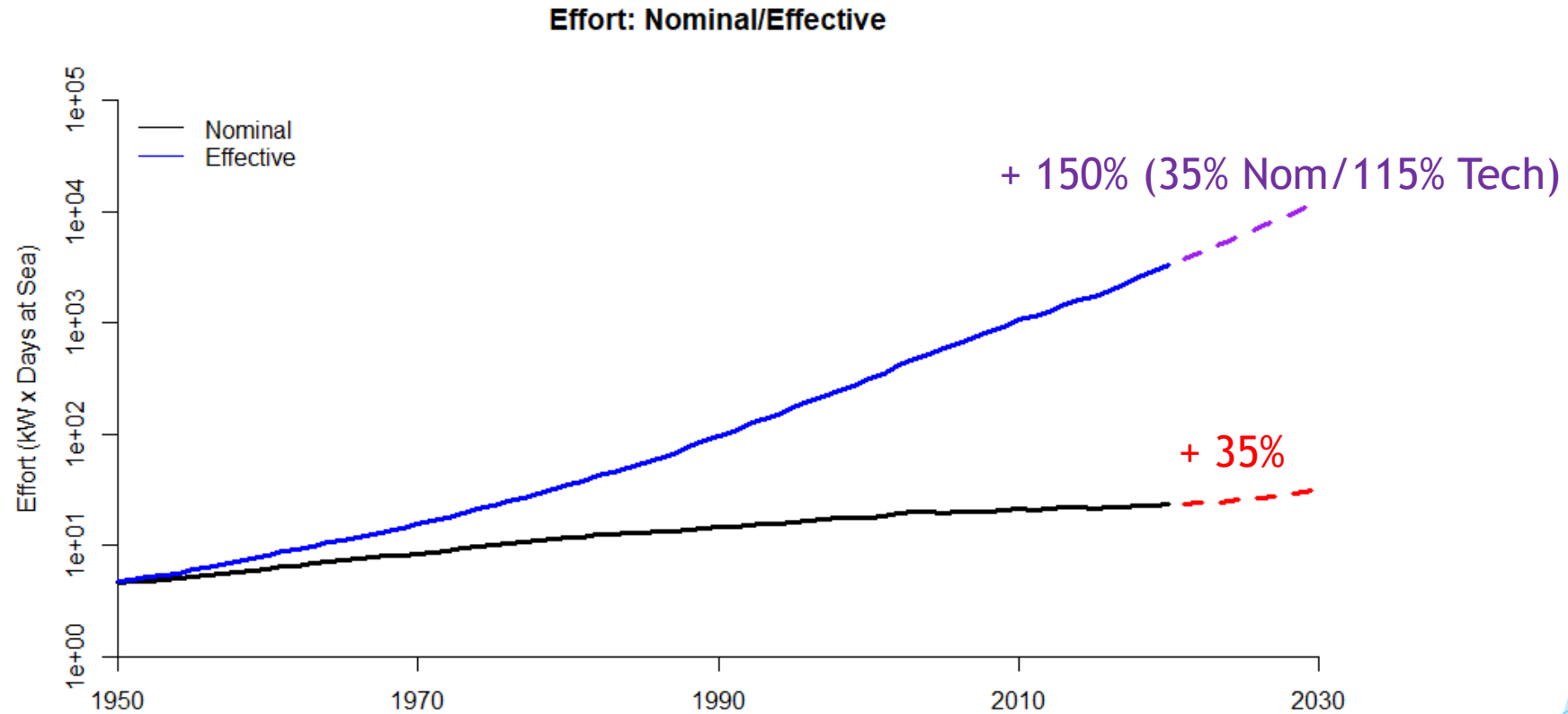
# Change in effort



# Change in effort

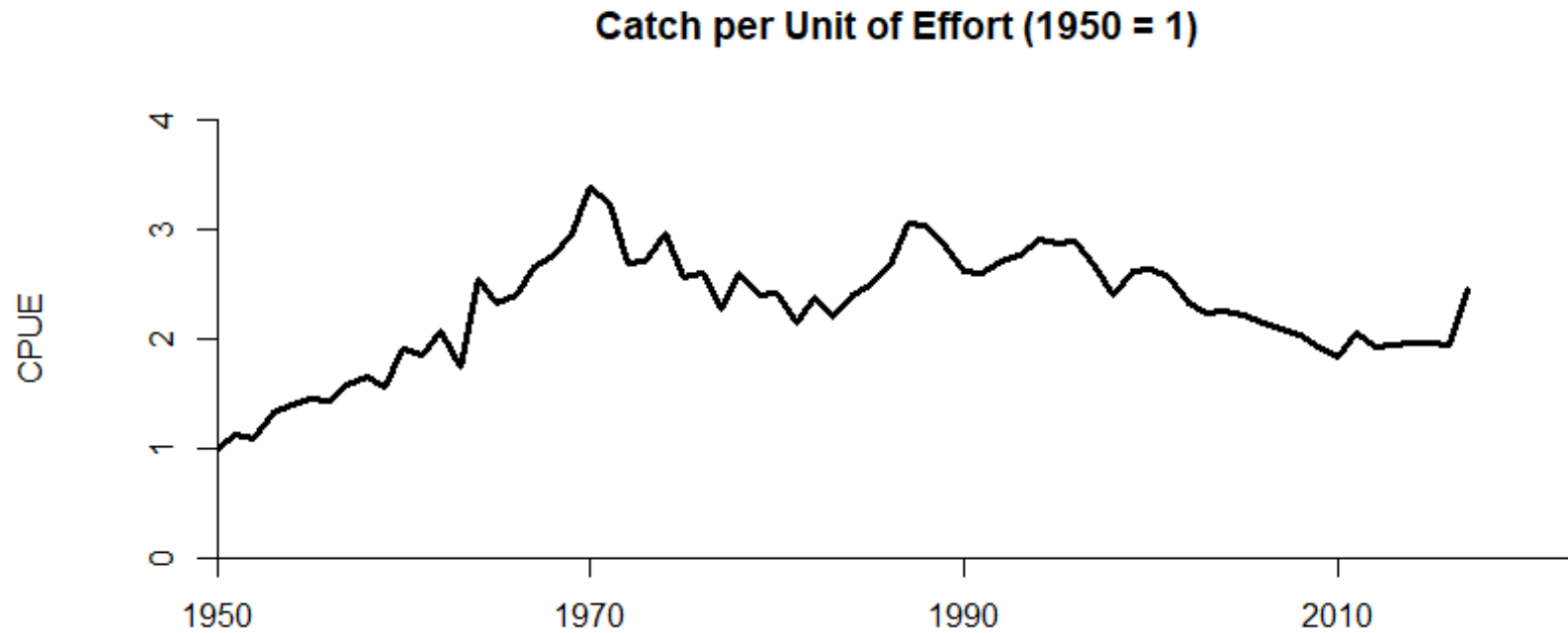


# Change in effort

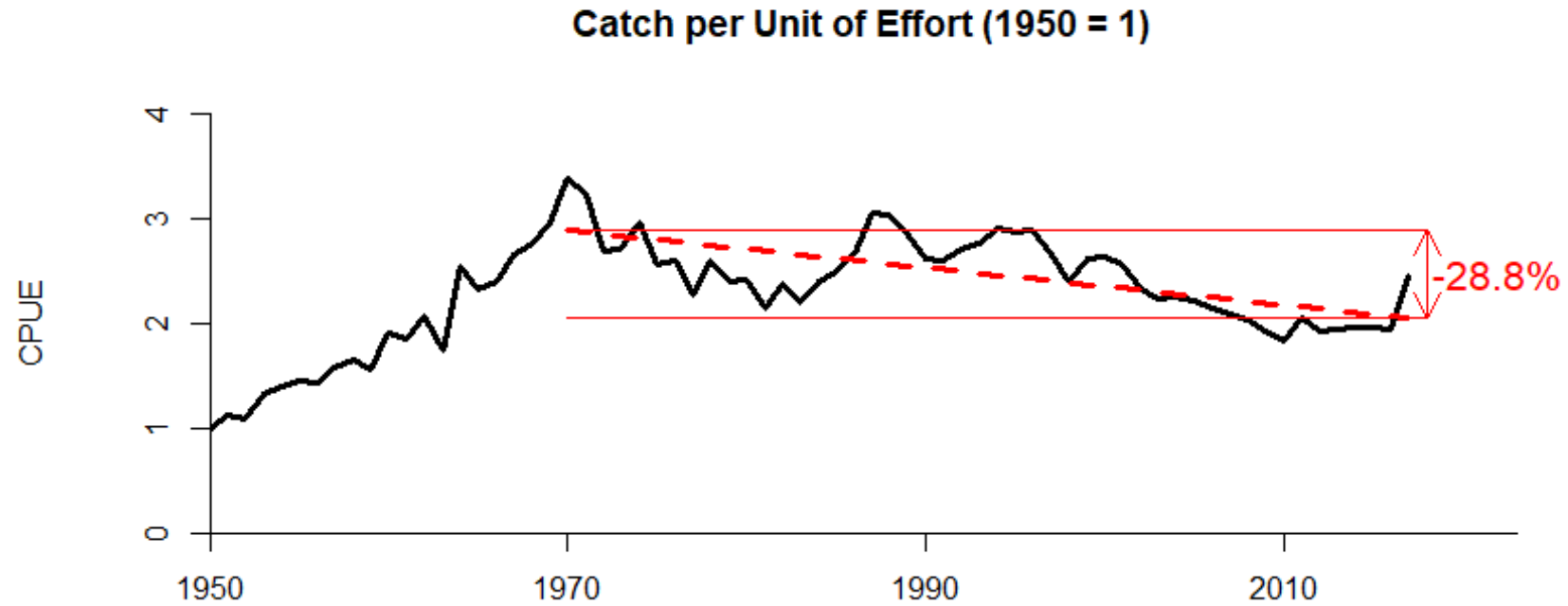




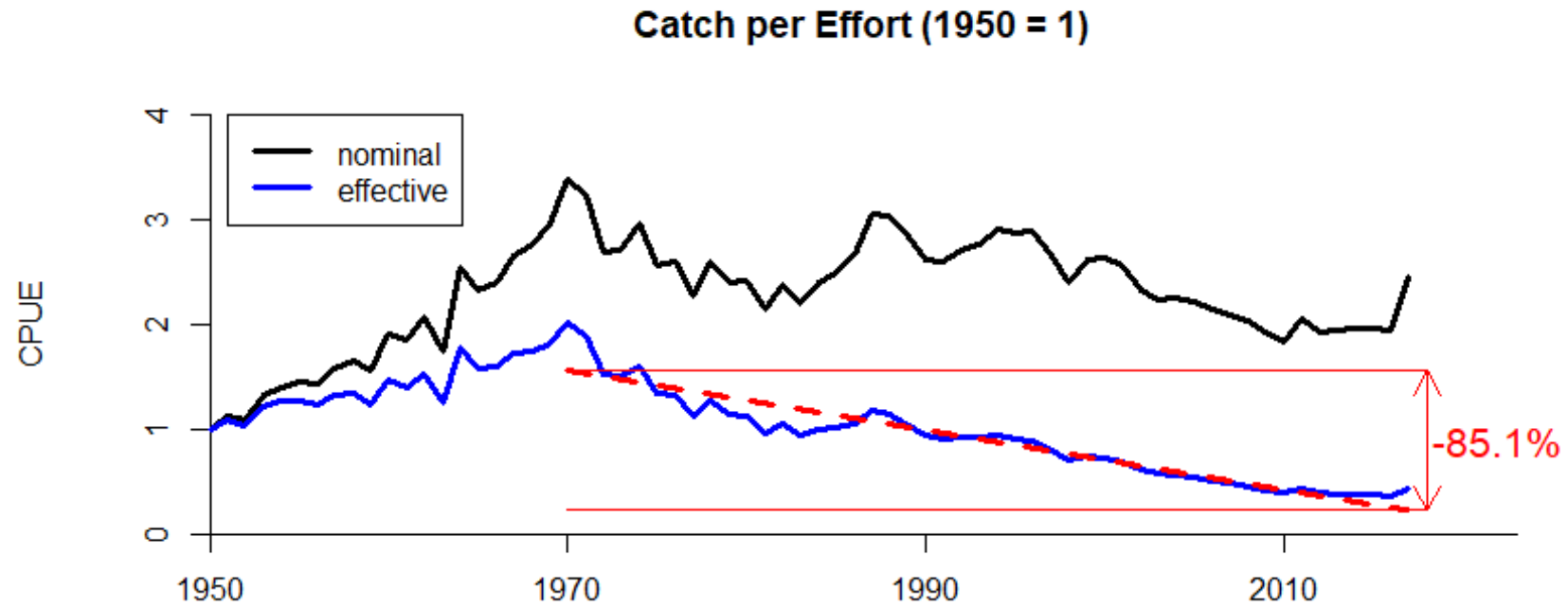
# Implications of increased effort: CPUE



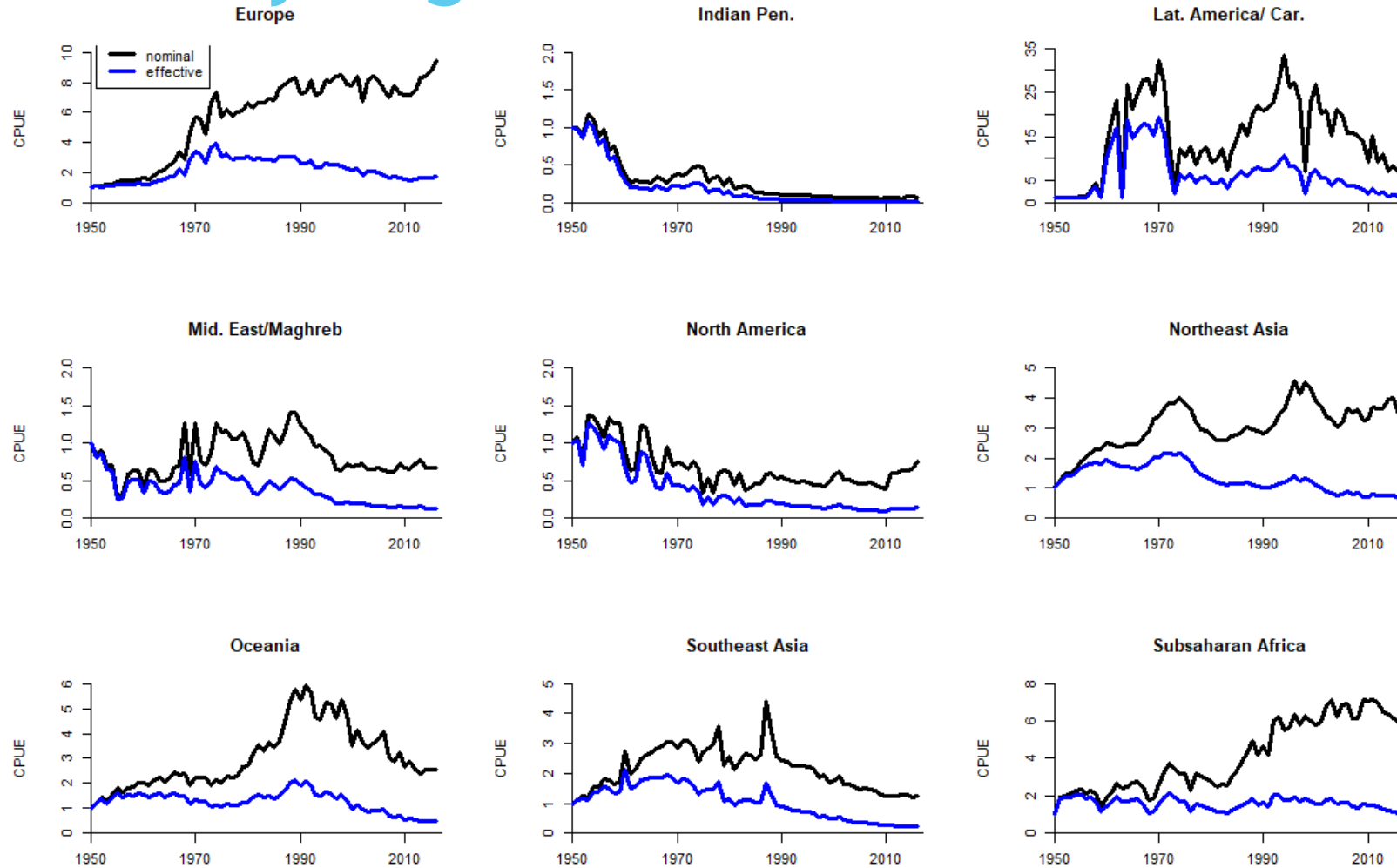
# Implications of increased effort: CPUE



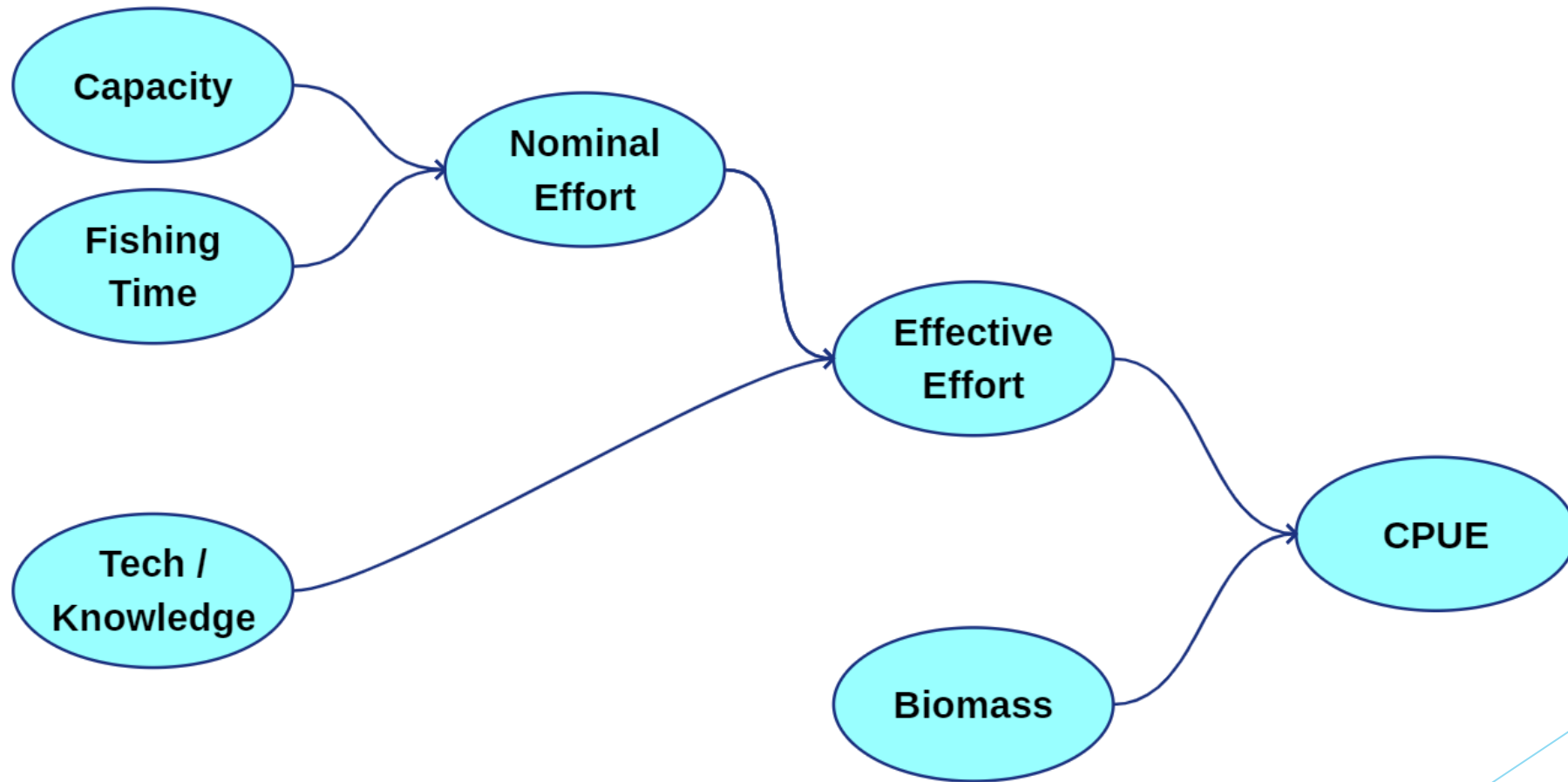
# Implications of increased effort: CPUE



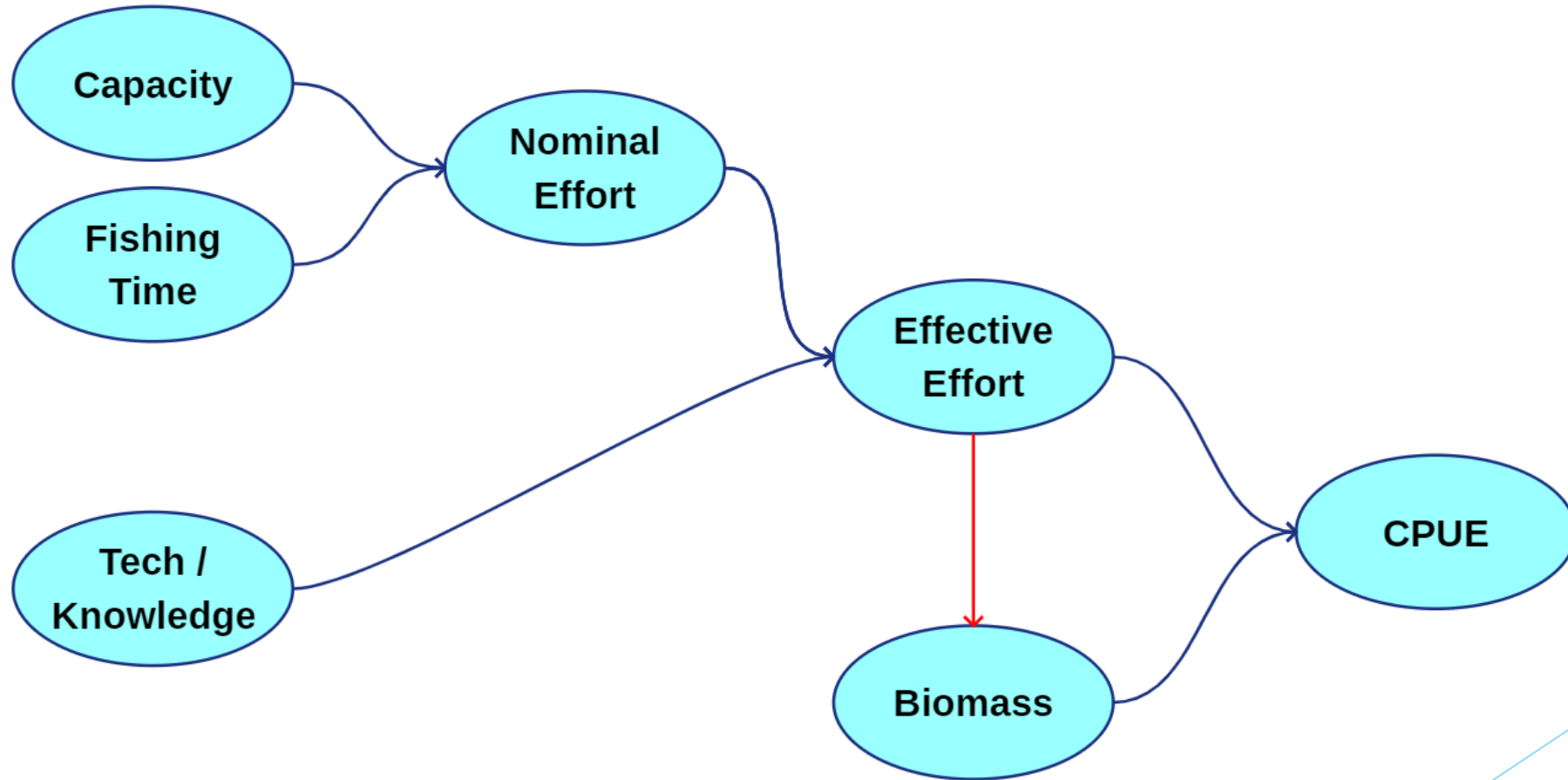
# CPUE by Region



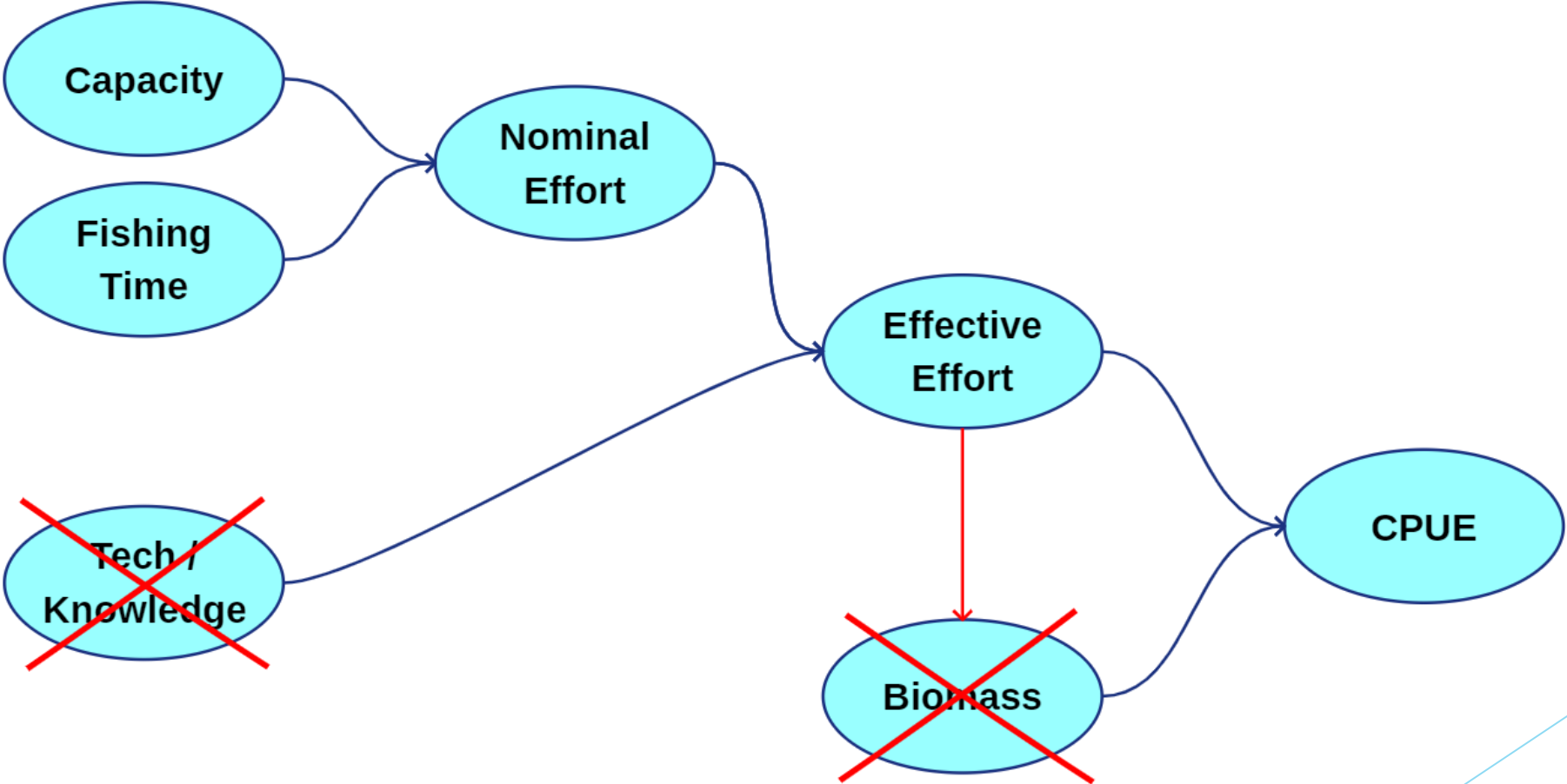
# Implications



# Implications



# Implications



# Thank you

- ▶ Data available at:  
<https://metadata.imas.utas.edu.au/geonetwork/srv/eng/catalog.search#/metadata/1241a51d-c8c2-4432-aa68-3d2bae142794>
- ▶ Any questions?