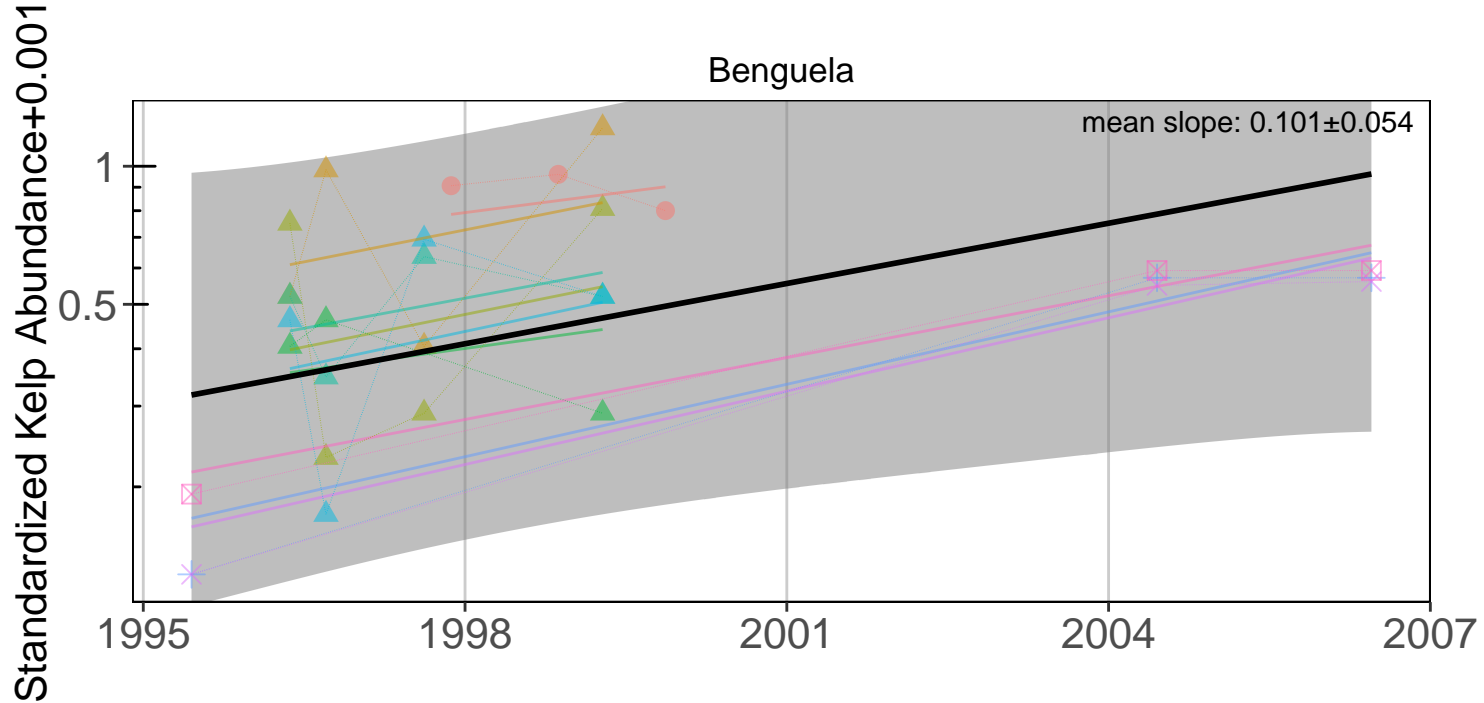


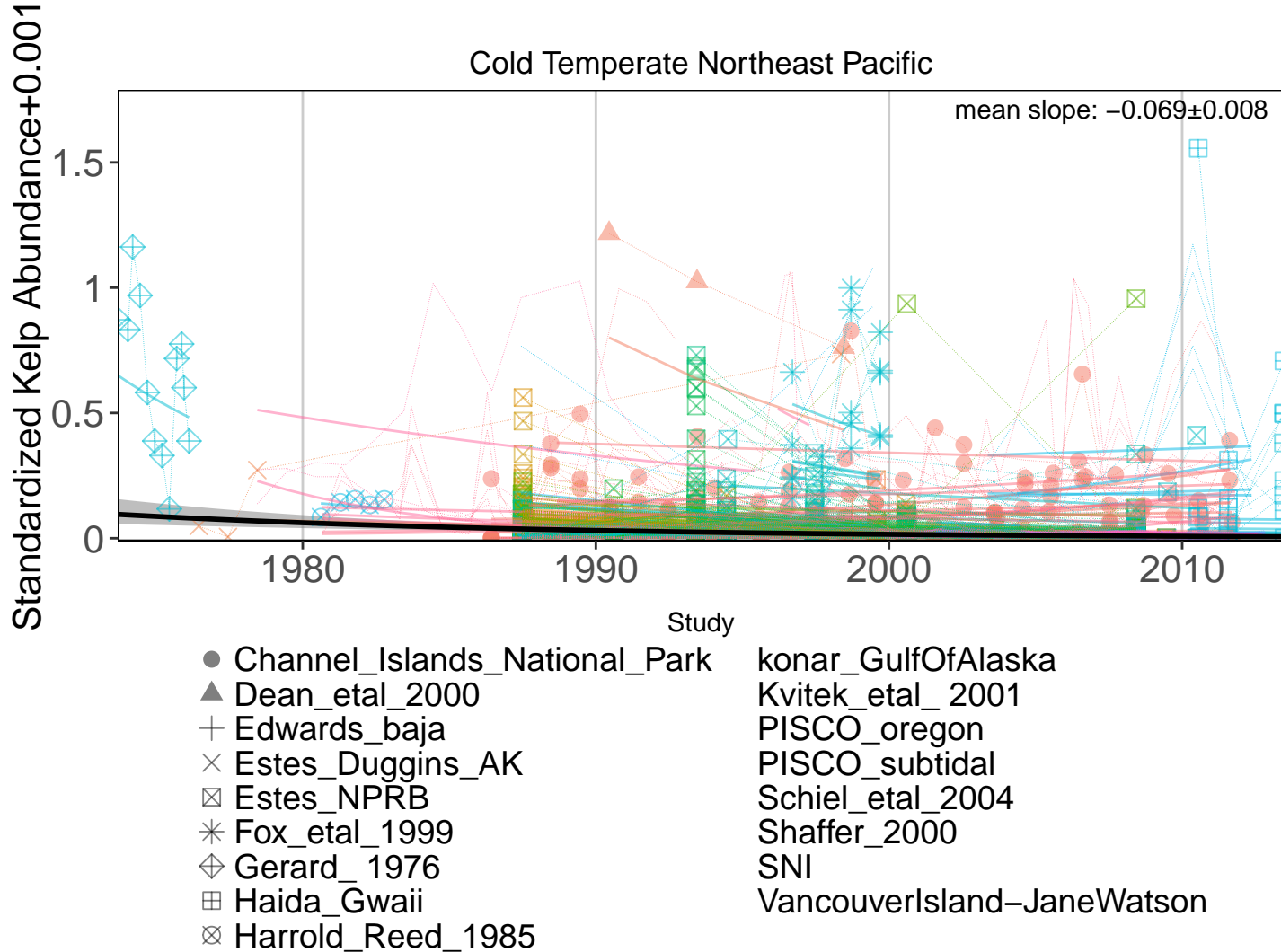
Study

- Anderson\_etal\_2006
- ▲ Pulfrich\_etal\_2003
- + South\_Africa\_Kwaabaii
- × South\_Africa\_Mauritzbaai
- ⊠ South\_Africa\_Pump\_House

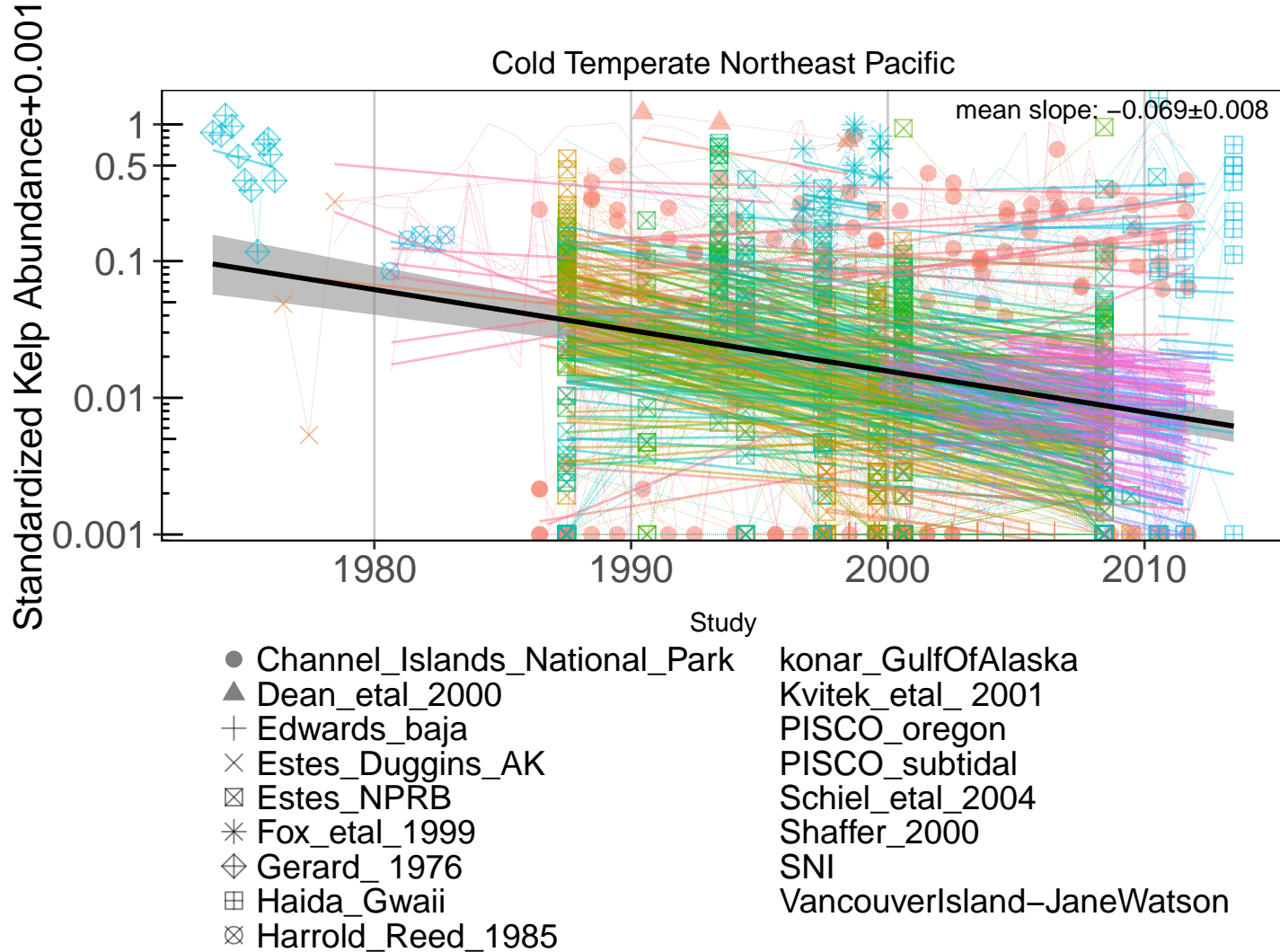


- Study
- Anderson\_etal\_2006
  - ▲ Pulfrich\_etal\_2003
  - + South\_Africa\_Kwaabaii
  - × South\_Africa\_Mauritzbaai
  - ⊠ South\_Africa\_Pump\_House

# Cold Temperate Northeast Pacific



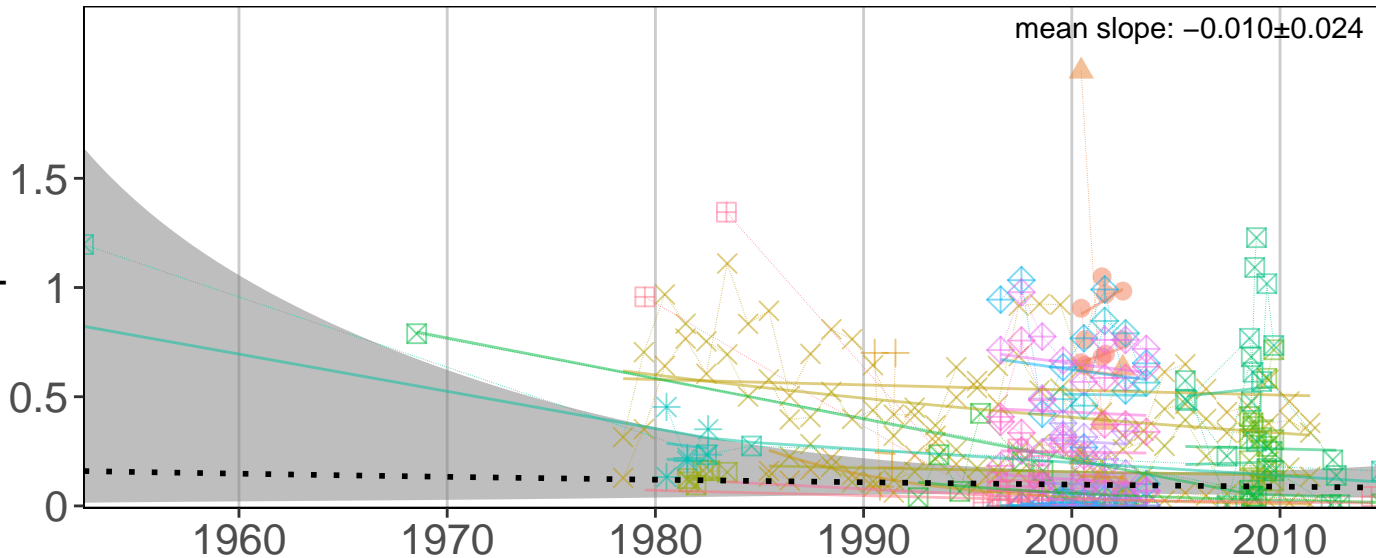
# Cold Temperate Northeast Pacific





# Cold Temperate Northwest Atlantic

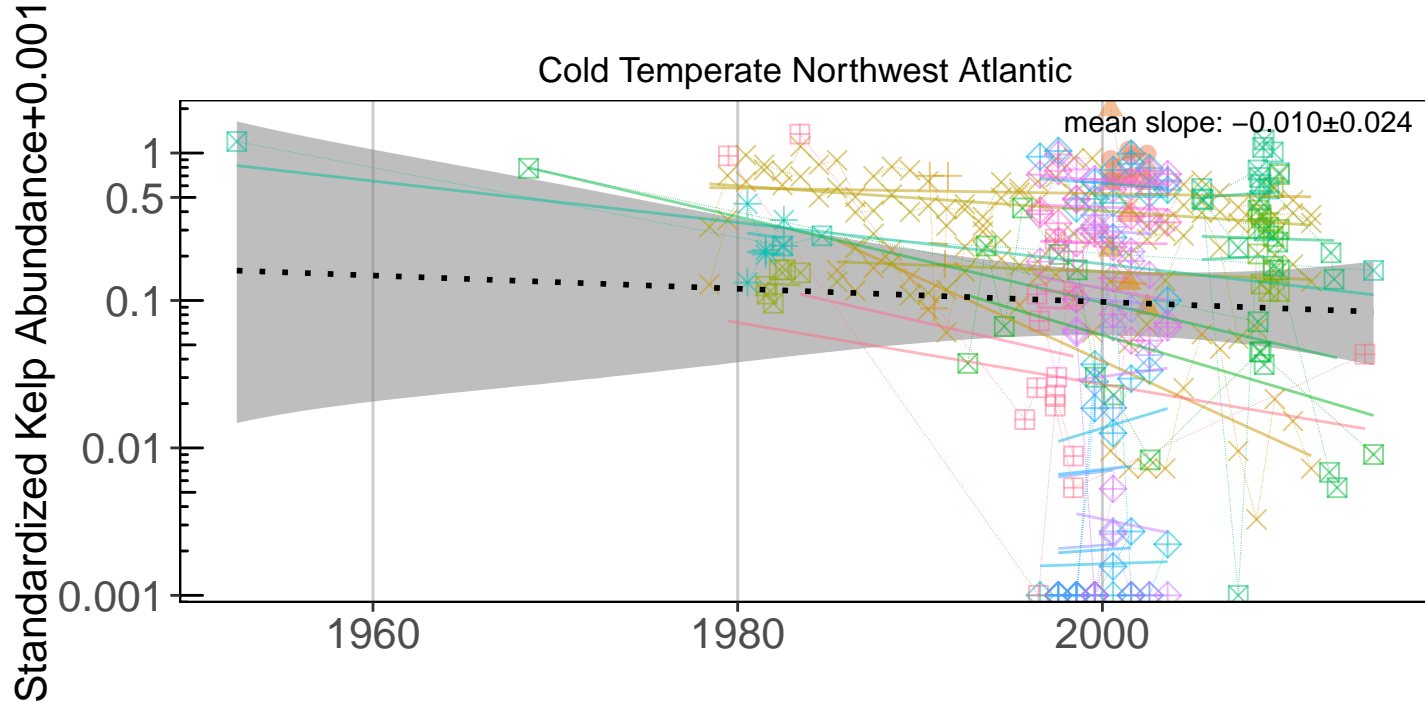
Standardized Kelp Abundance+0.001



Study

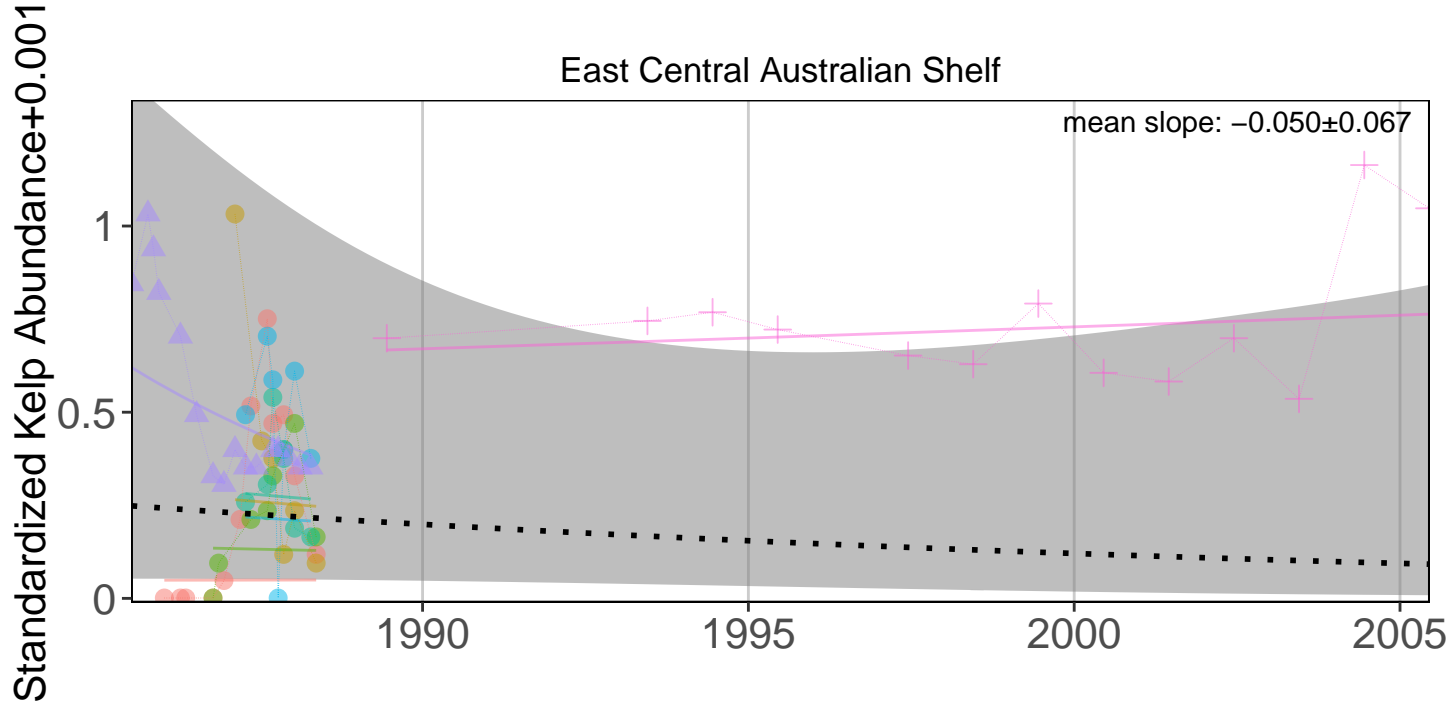
- Gagnon\_etal\_2005
- ▲ Gagnon\_etal\_2004
- + Lambert\_etal\_1992
- × Normandeau
- ⊠ Nova\_Scotia
- \* Smith\_1985
- ◊ steneck\_gom
- ⊞ witman\_gom

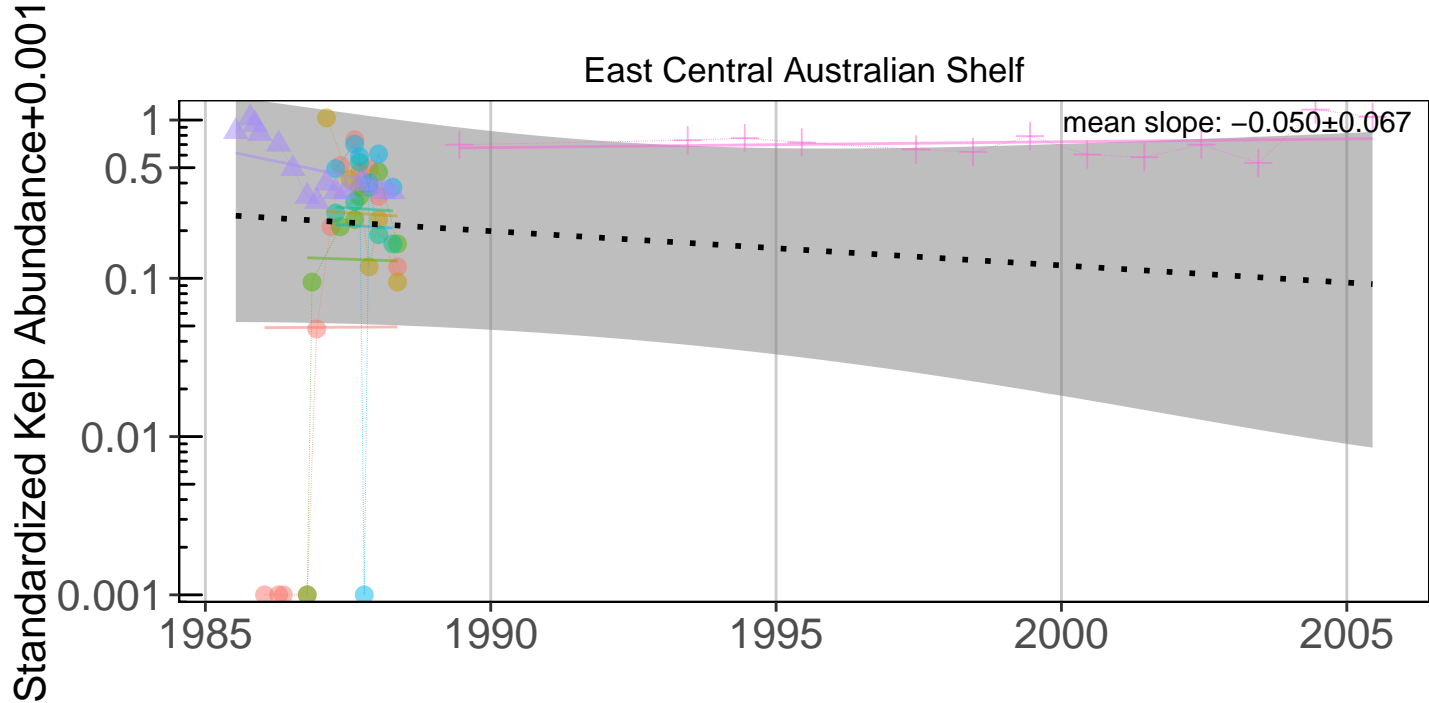
# Cold Temperate Northwest Atlantic

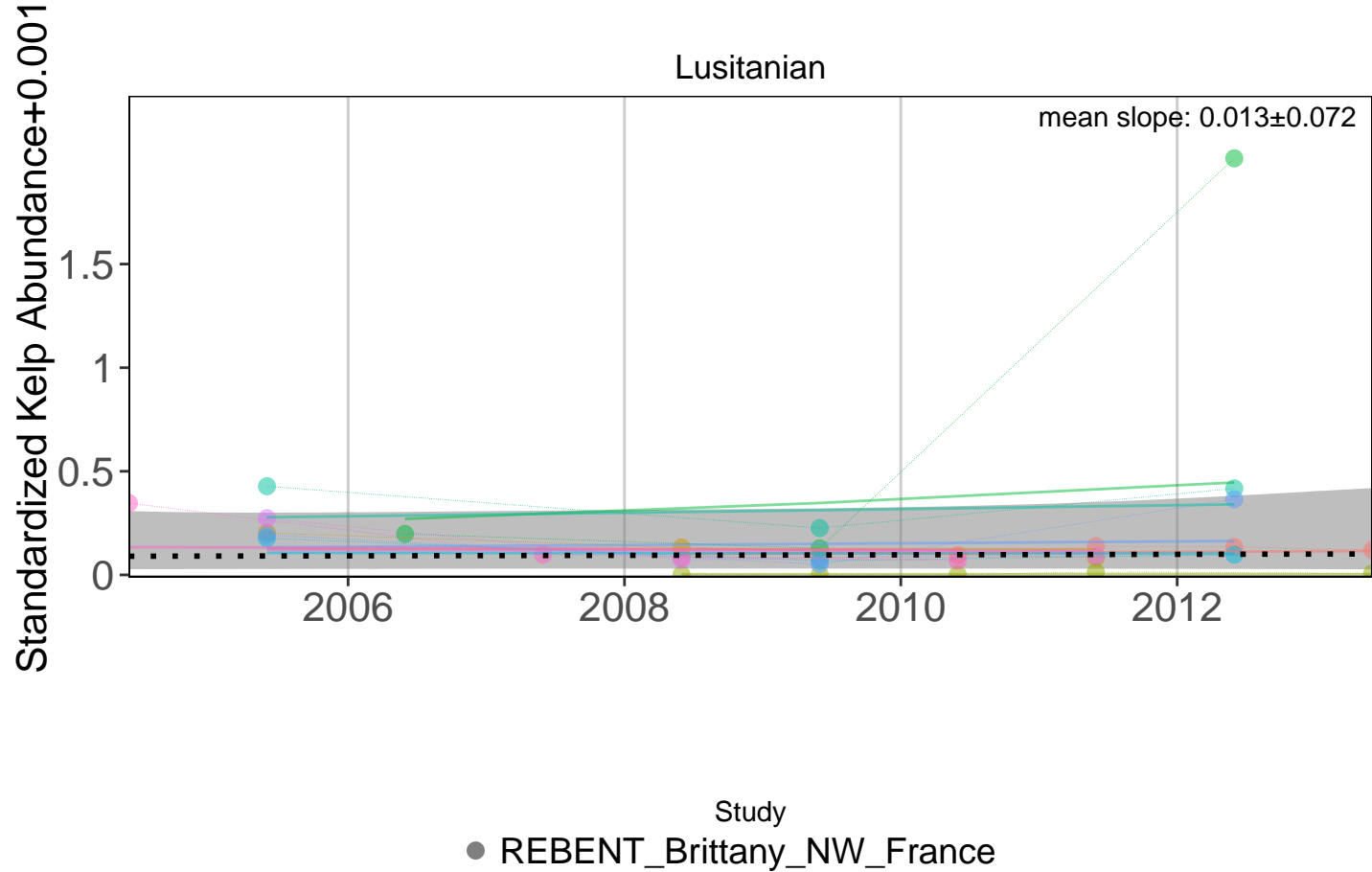


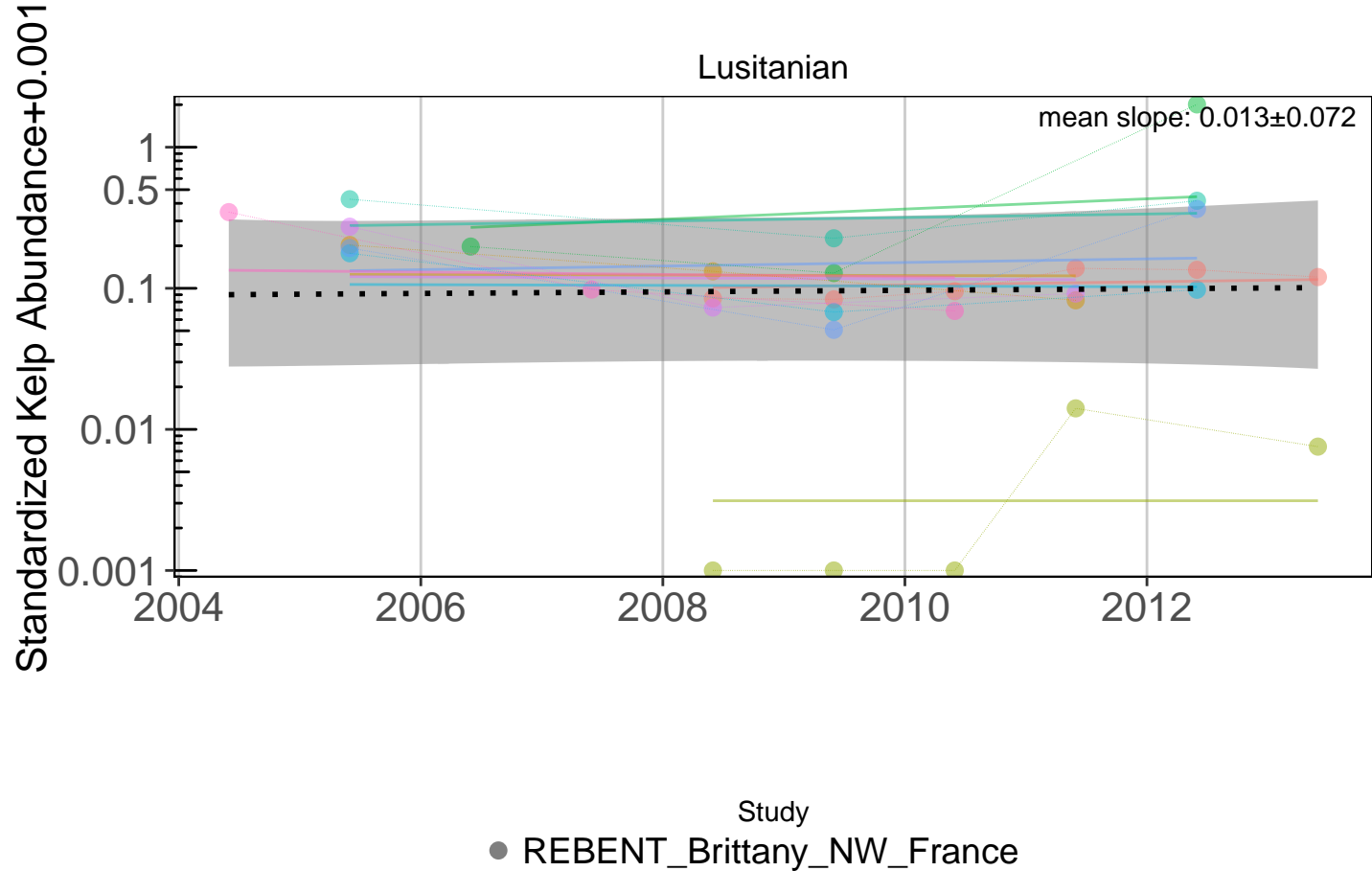
- Study
- Gagnon\_etal\_2005
  - ▲ Gagnon\_etal\_2004
  - + Lambert\_etal\_1992
  - × Normandeau
  - ⊠ Nova\_Scotia
  - \* Smith\_1985
  - ◇ steneck\_gom
  - ⊞ witman\_gom

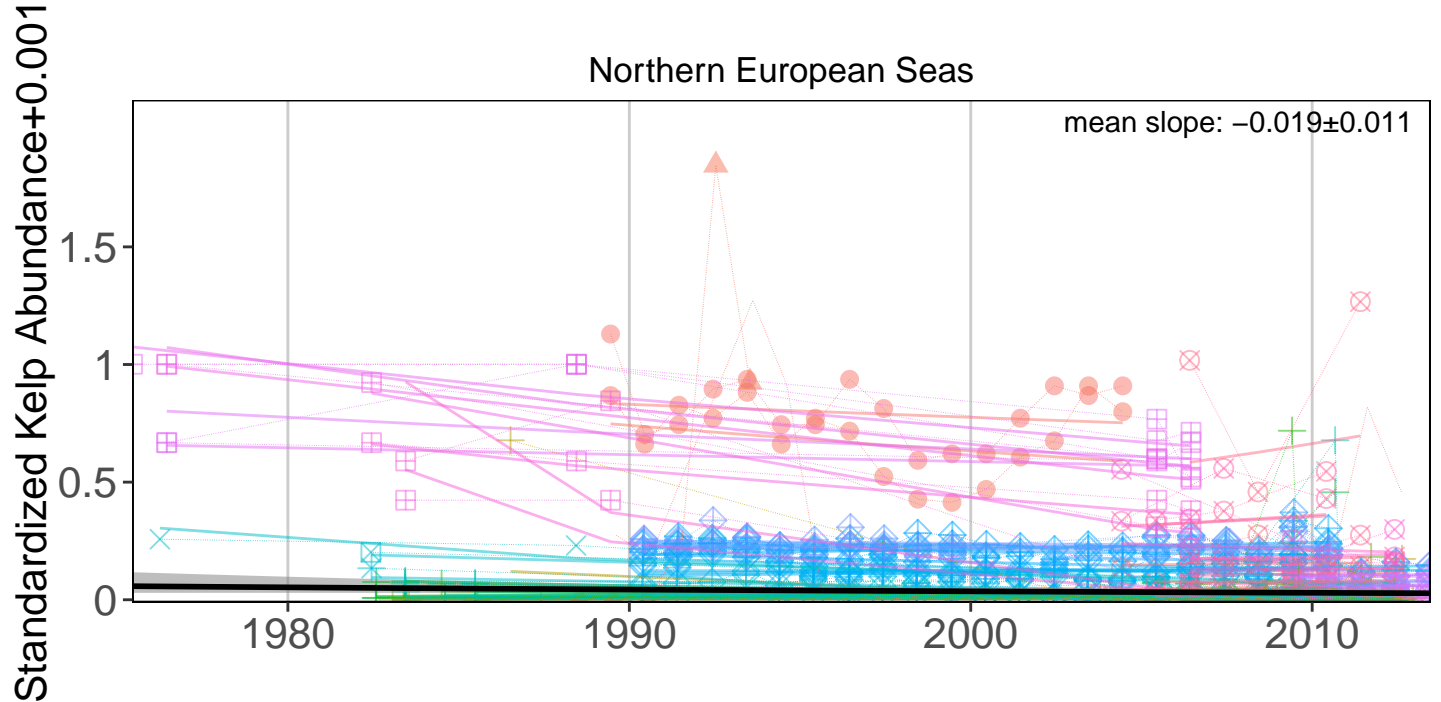
# East Central Australian Shelf







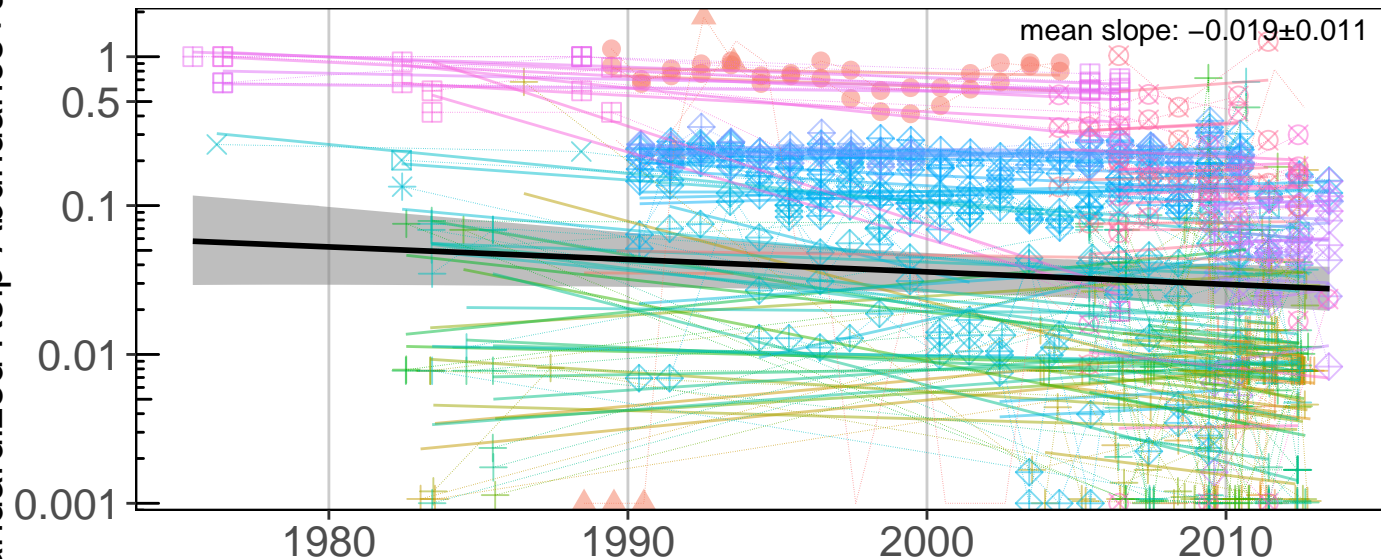




- Study
- Davoult\_etal\_2011
  - ▲ Leinaas\_Christie\_1996
  - + Northern\_Ireland\_Summary
  - × norway\_inner\_coast\_norderhaug-Ei
  - ⊠ norway\_inner\_coast\_norderhaug-Gr
  - \* norway\_inner\_coast\_norderhaug-No
  - ◊ Norway\_monitoring\_kelp\_data
  - ⊞ norway\_moy\_christie\_with\_Åsen\_2
  - ⊗ REBENT\_Brittany\_NW\_France
  - Trowbridge\_etal\_2013

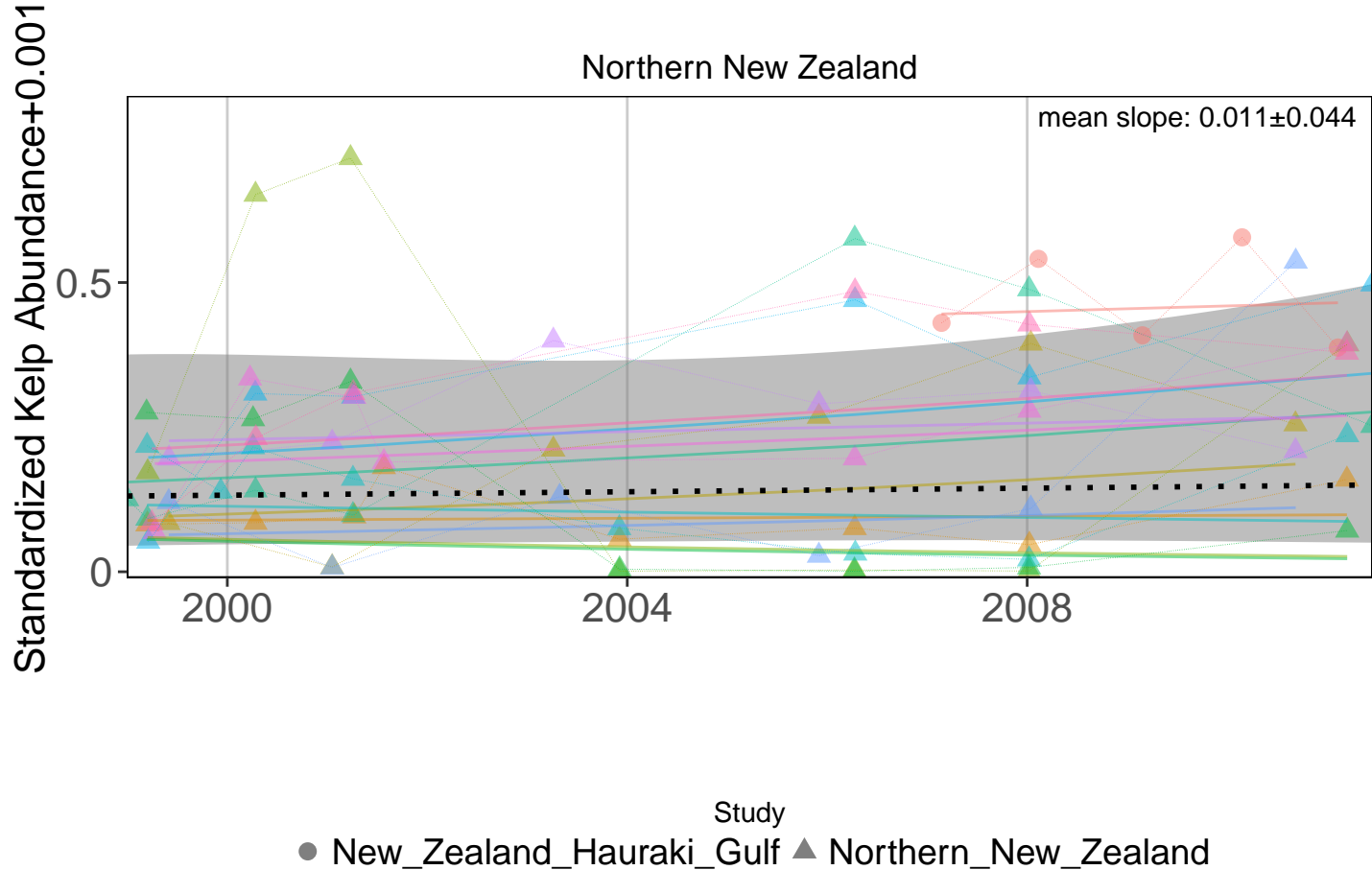
Standardized Kelp Abundance+0.001

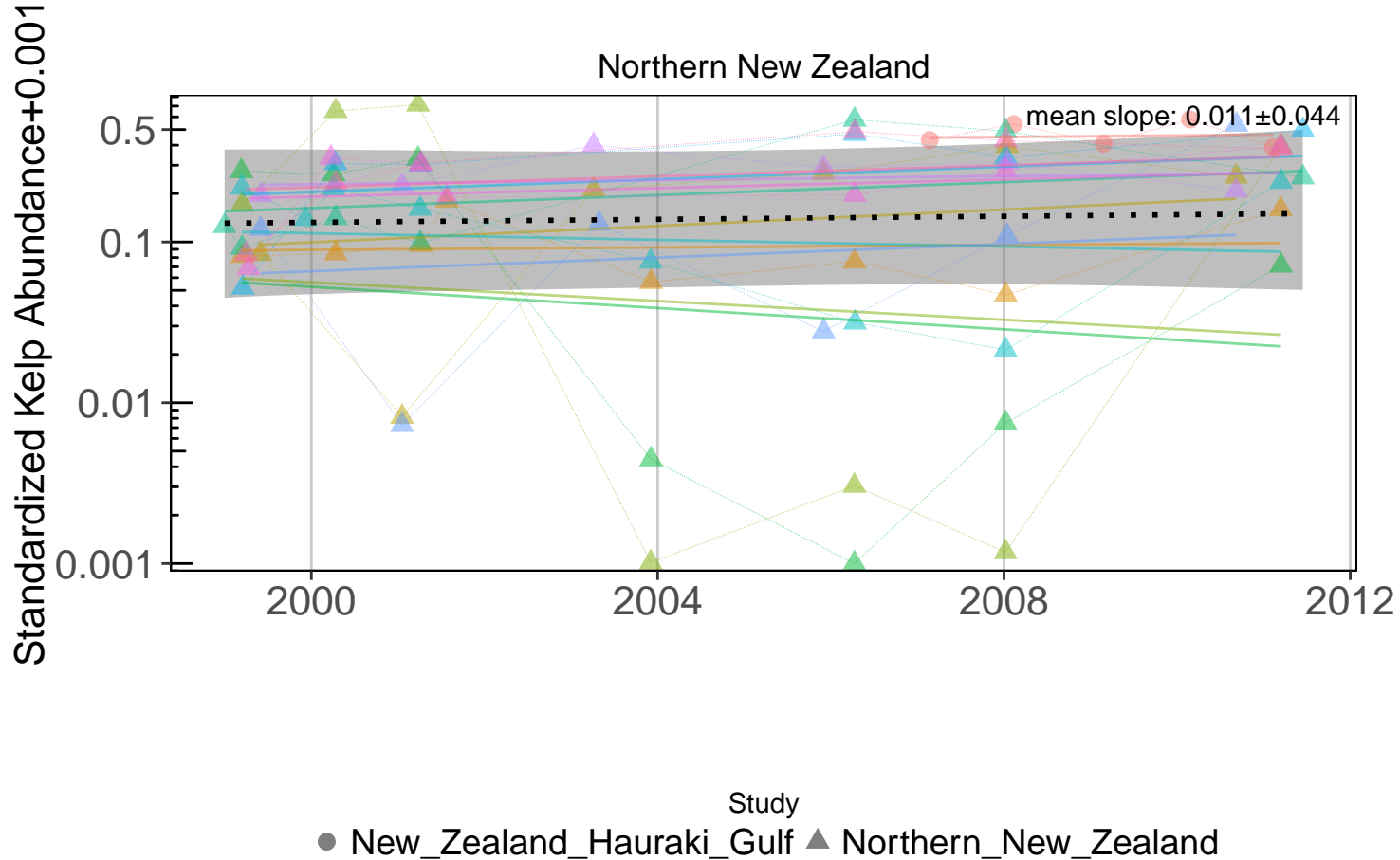
# Northern European Seas

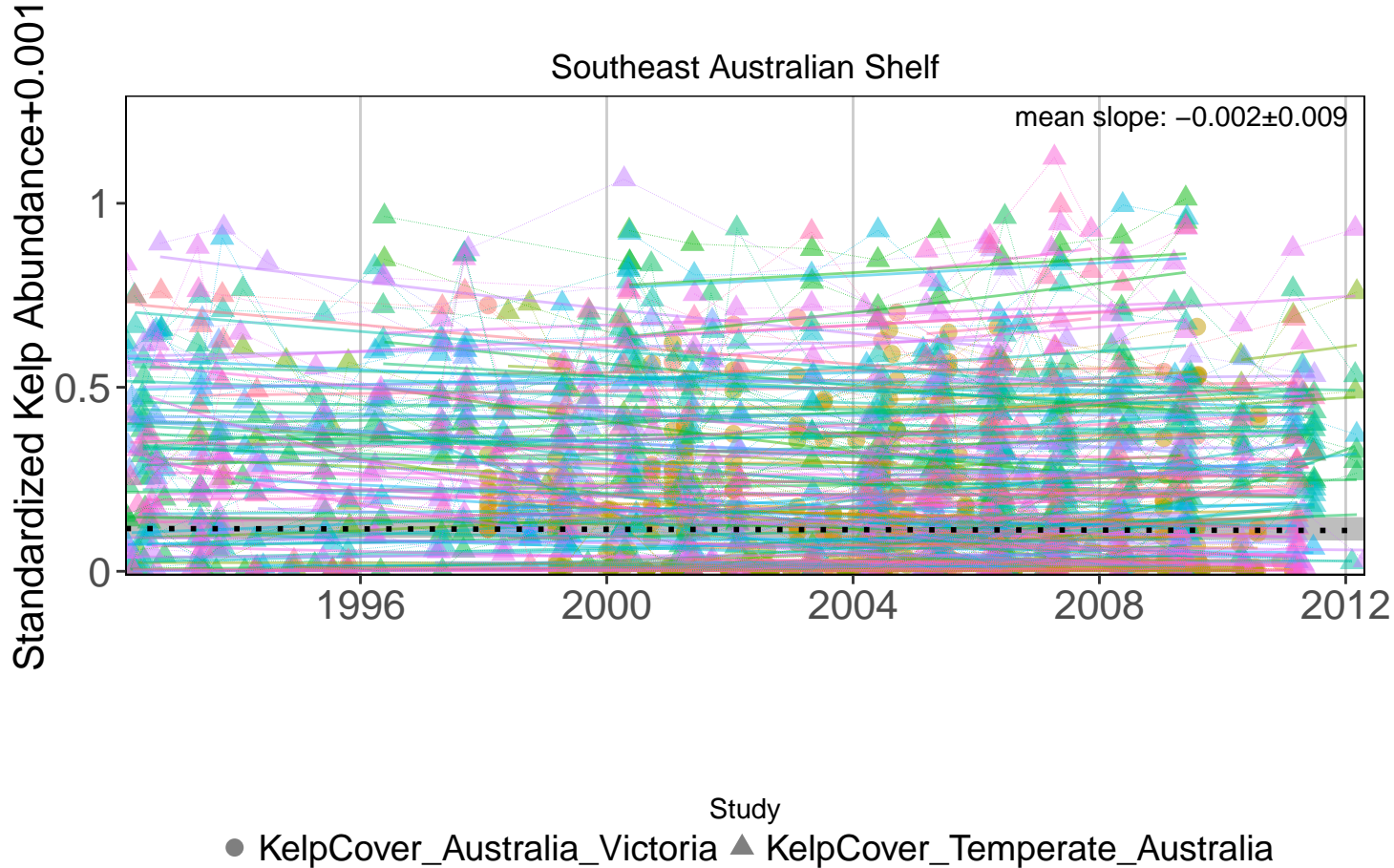


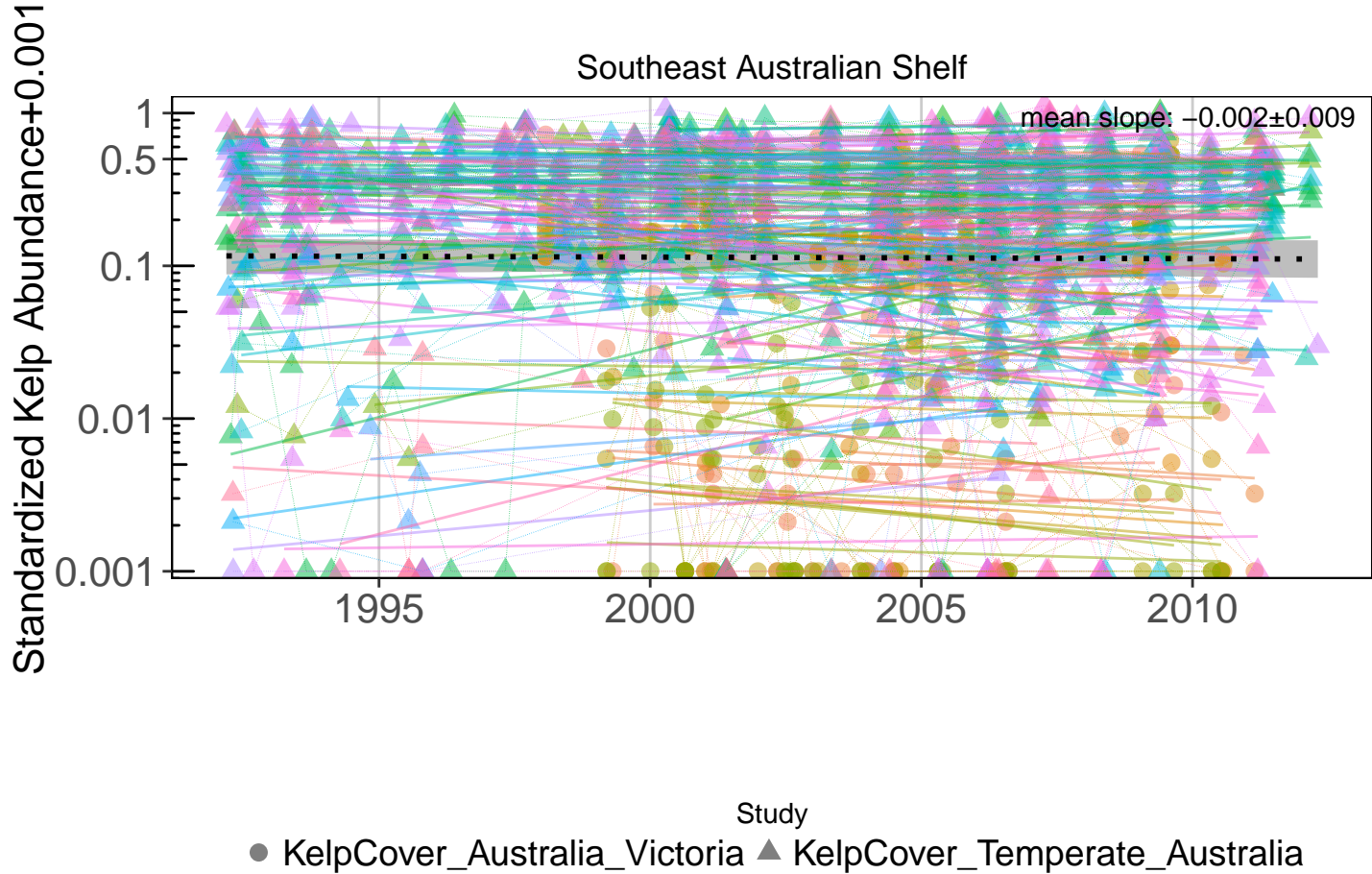
- Study
- Davoult\_etal\_2011
  - ▲ Leinaas\_Christie\_1996
  - + Northern\_Ireland\_Summary
  - × norway\_inner\_coast\_norderhaug-Ei
  - ⊠ norway\_inner\_coast\_norderhaug-Gr
  - \* norway\_inner\_coast\_norderhaug-No
  - ◊ Norway\_monitoring\_kelp\_data
  - ⊞ norway\_moy\_christie\_with\_Åsen\_2
  - ⊗ REBENT\_Brittany\_NW\_France
  - Trowbridge\_etal\_2013

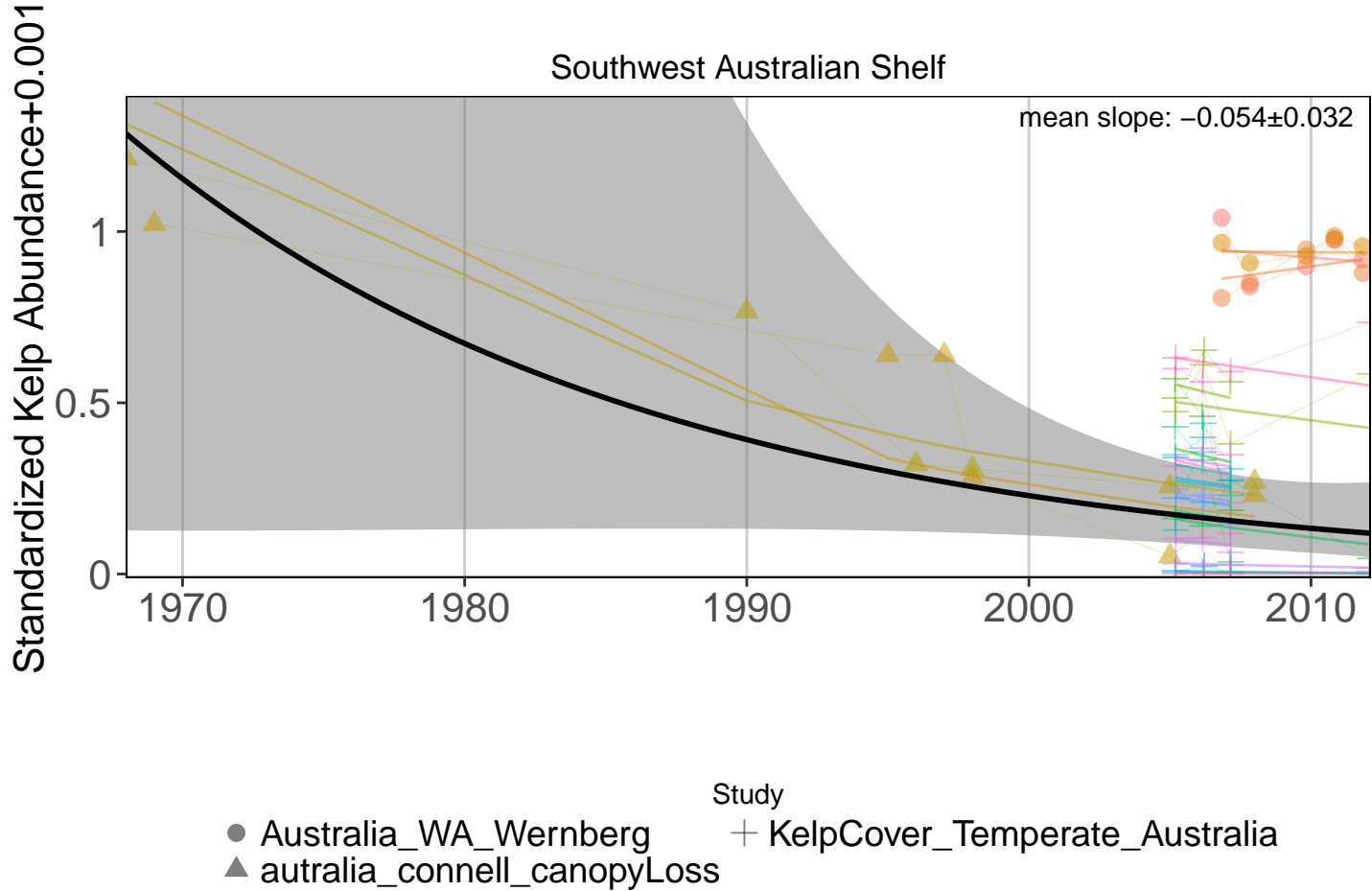


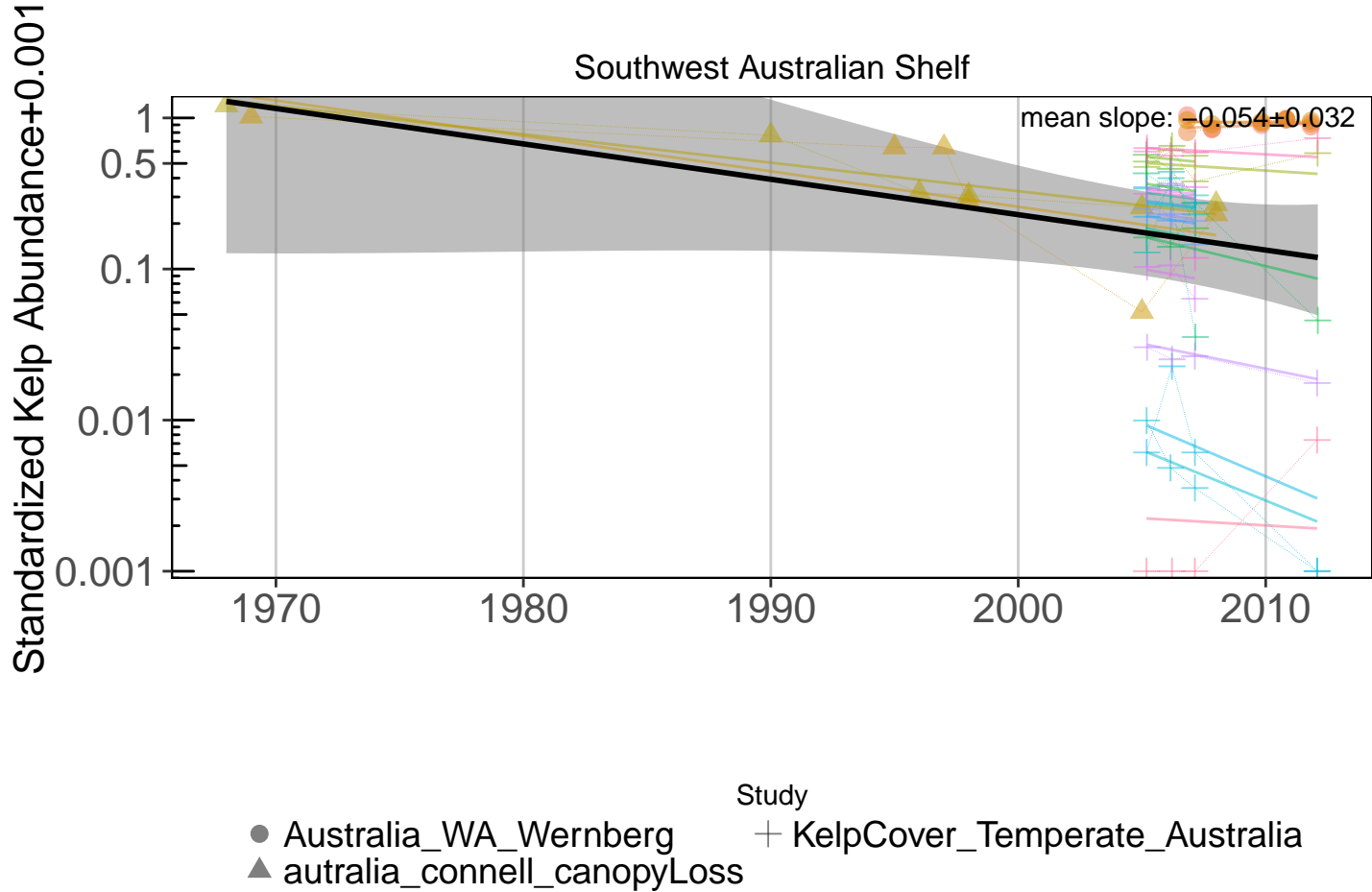








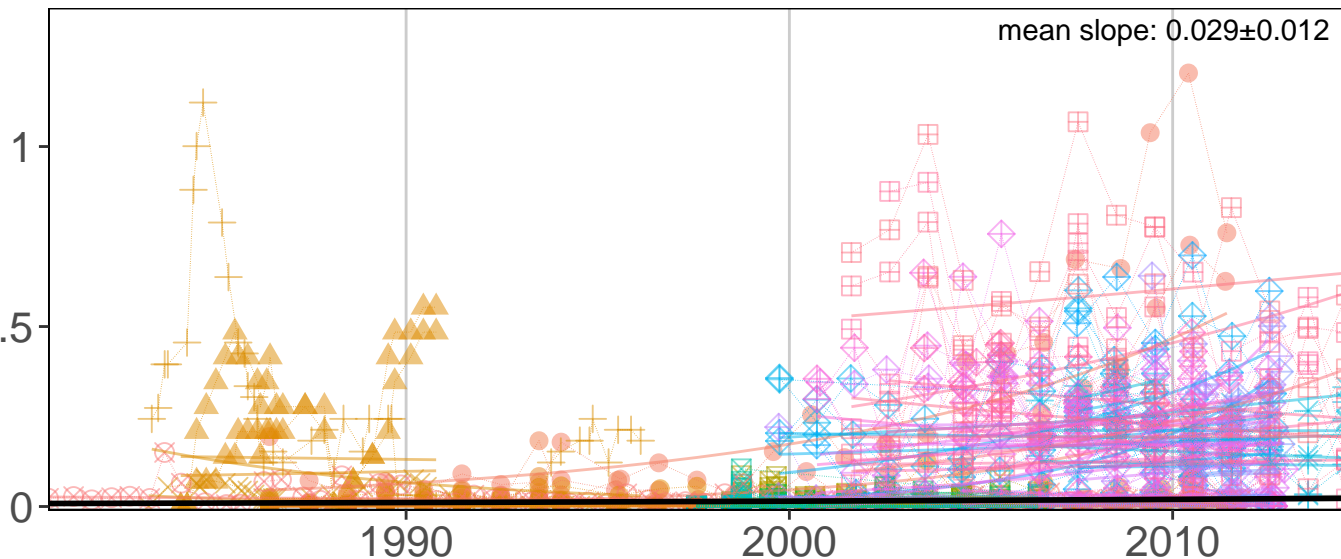




Standardized Kelp Abundance+0.001

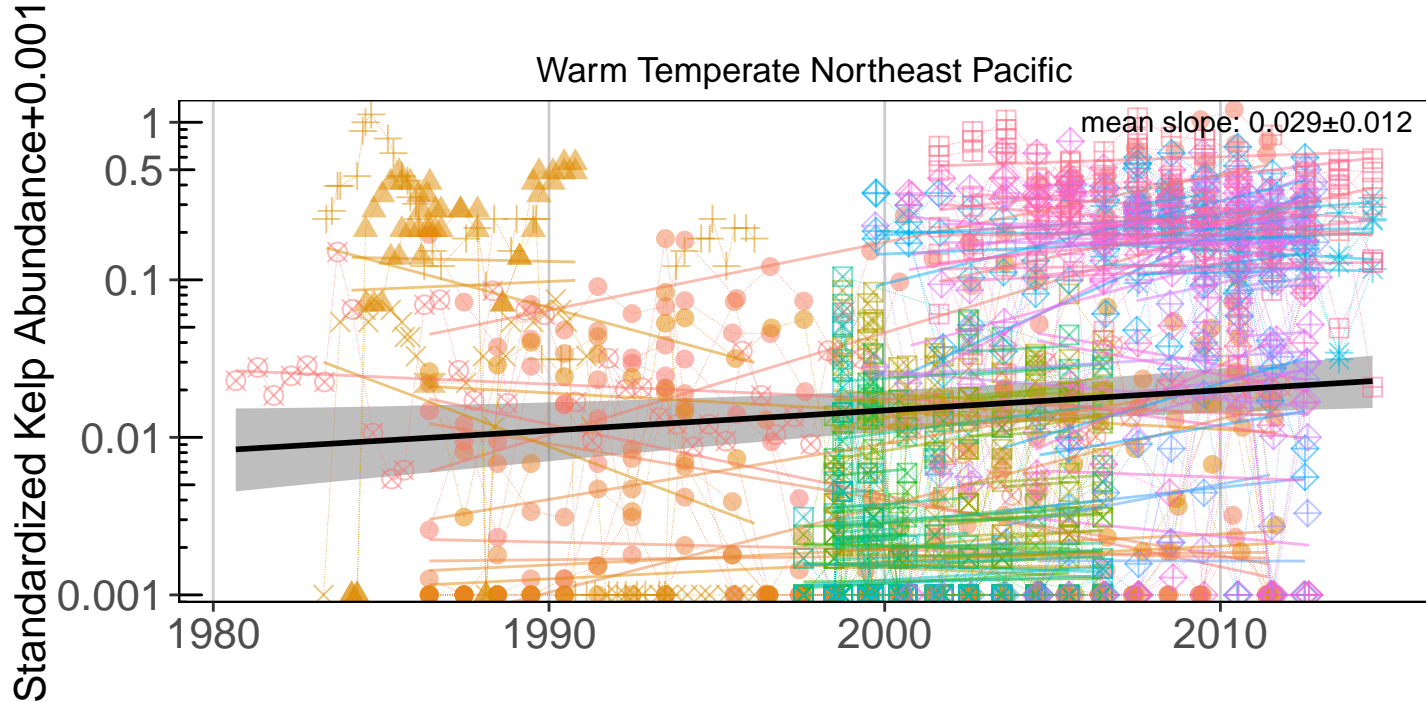
# Warm Temperate Northeast Pacific

mean slope:  $0.029 \pm 0.012$



- Study
- Channel\_Islands\_National\_Park
  - ▲ Dayton\_etal\_1992
  - + Dayton\_etal\_1999\_Laminaria
  - × Dayton\_etal\_1999\_Pterygophora
  - ⊠ Edwards\_baja
  - \* isla\_natividad
  - ◇ PISCO\_subtidal
  - ⊞ sbc\_iter\_longterm\_community
  - ⊞ SNI

# Warm Temperate Northeast Pacific

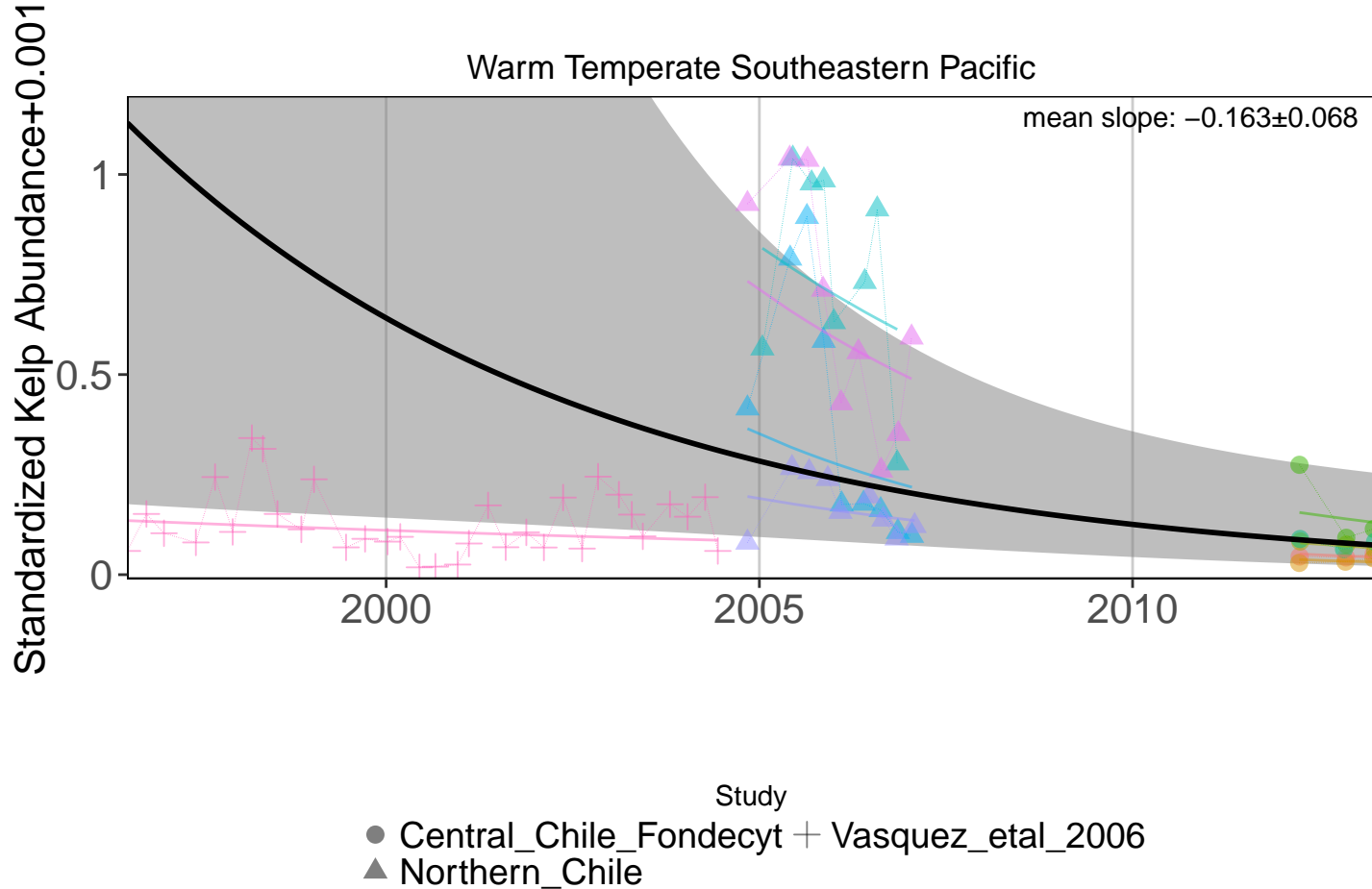


## Study

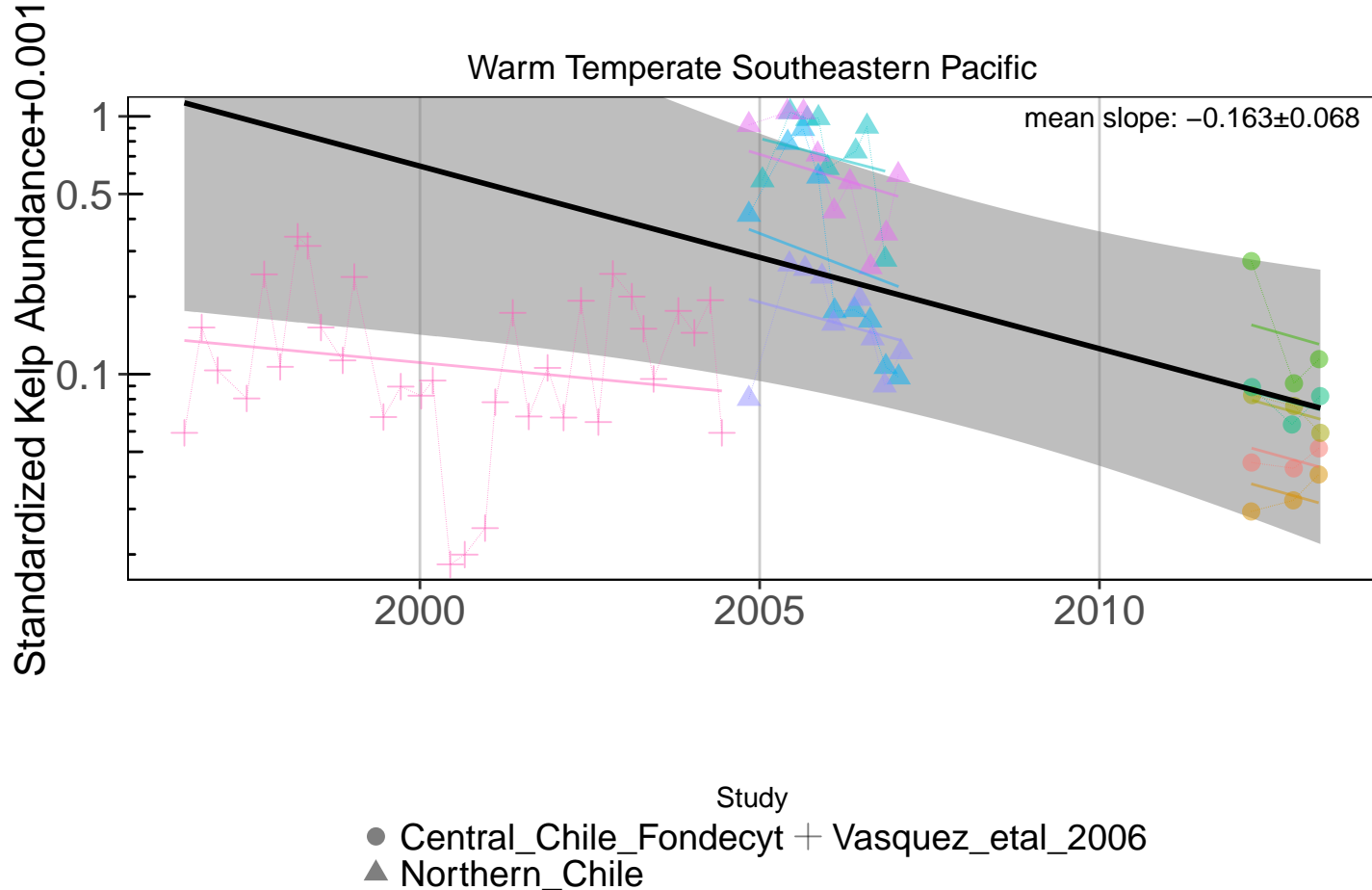
- Channel\_Islands\_National\_Park
- ▲ Dayton\_etal\_1992
- + Dayton\_etal\_1999\_Laminaria
- × Dayton\_etal\_1999\_Pterygophora
- ⊠ Edwards\_baja
- \* isla\_natividad
- ◊ PISCO\_subtidal
- ⊞ sbc\_lter\_longterm\_community
- ⊗ SNI



# Warm Temperate Southeastern Pacific



# Warm Temperate Southeastern Pacific



# West Central Australian Shelf

