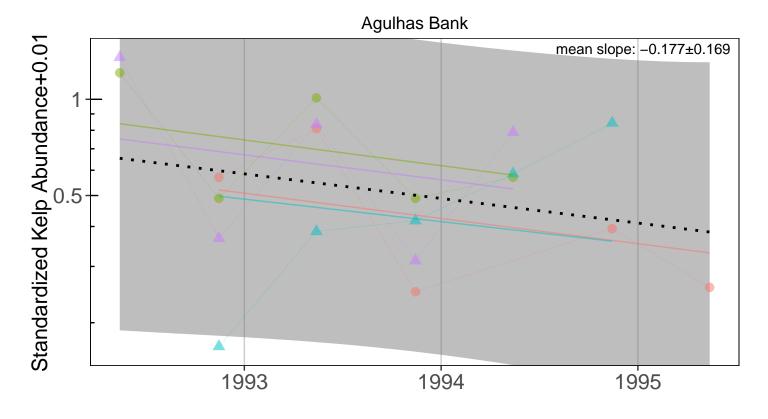


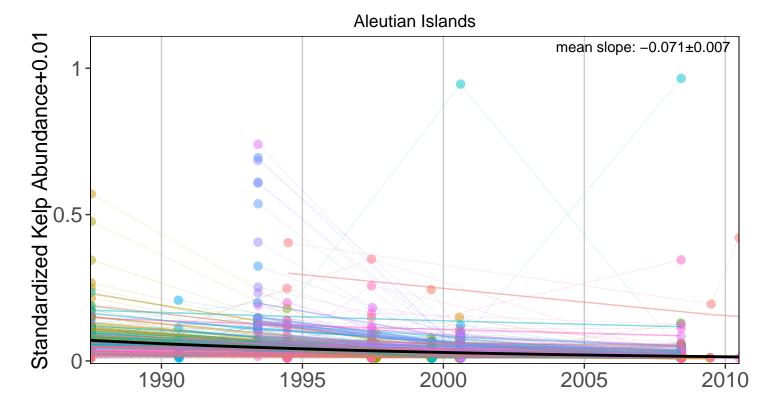
Study

Levitt_etal_2002
SA_Gansbaai_kelp_data



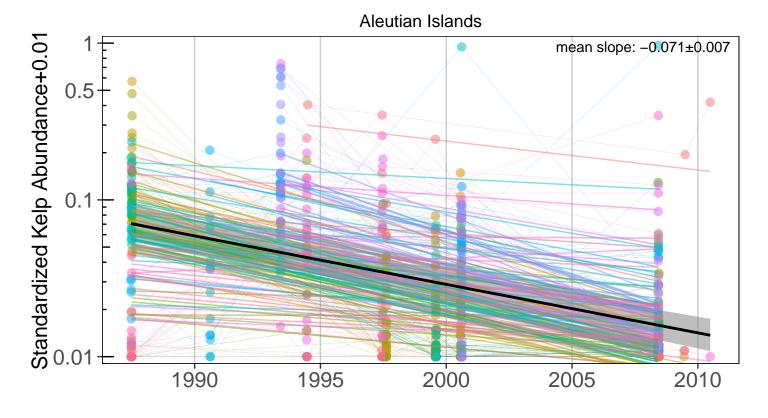
Study

Levitt_etal_2002
SA_Gansbaai_kelp_data

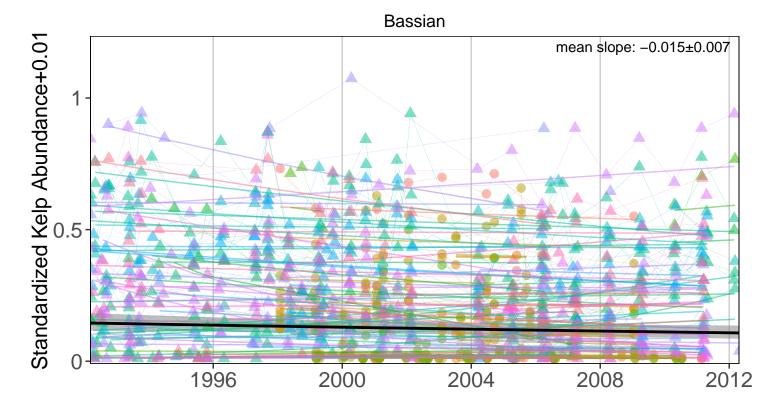


Study

Estes_NPRB



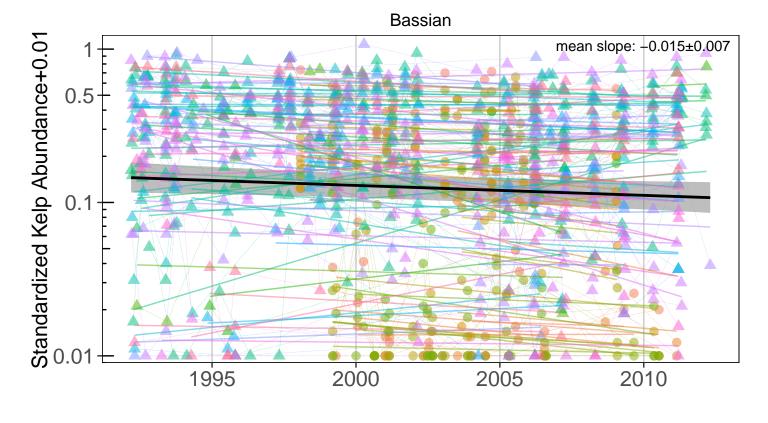
Study
• Estes_NPRB



Study

• KelpCover_Australia_Victoria

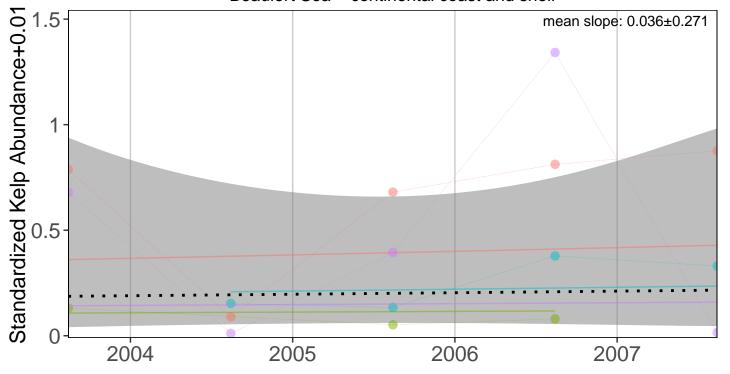
KelpCover_Temperate_Australia



Study

KelpCover_Australia_Victoria
KelpCover_Temperate_Australia

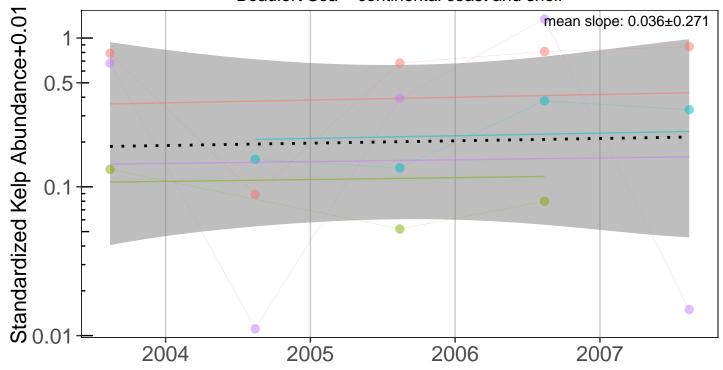
Beaufort Sea - continental coast and shelf



Study

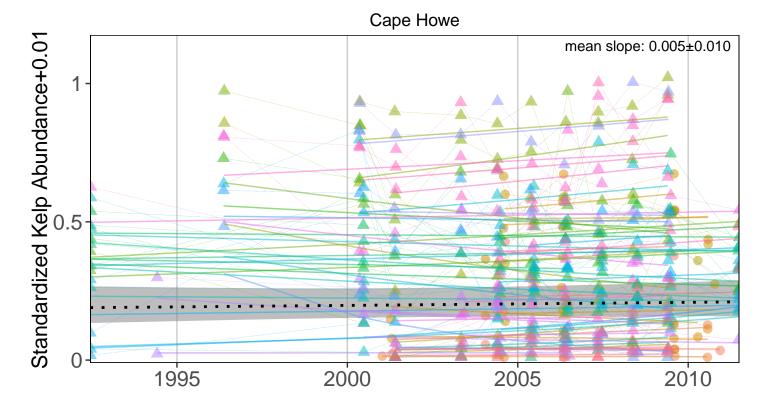
• Konar_Beaufort_Sea

Beaufort Sea - continental coast and shelf



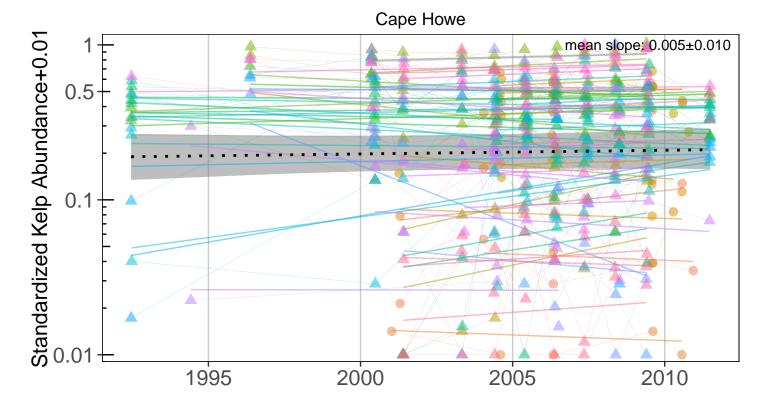
Study

Konar_Beaufort_Sea



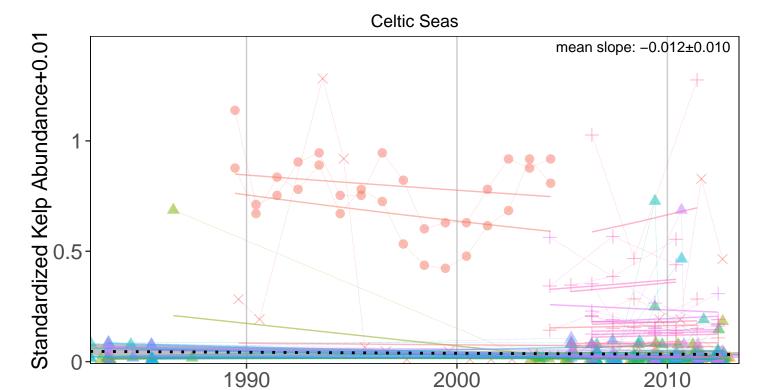
Study

• KelpCover_Australia_Victoria • KelpCover_Temperate_Australia

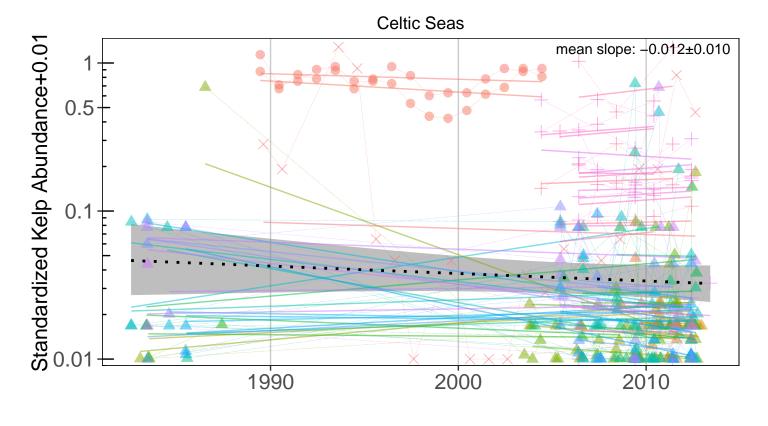


Study

KelpCover_Australia_Victoria KelpCover_Temperate_Australia



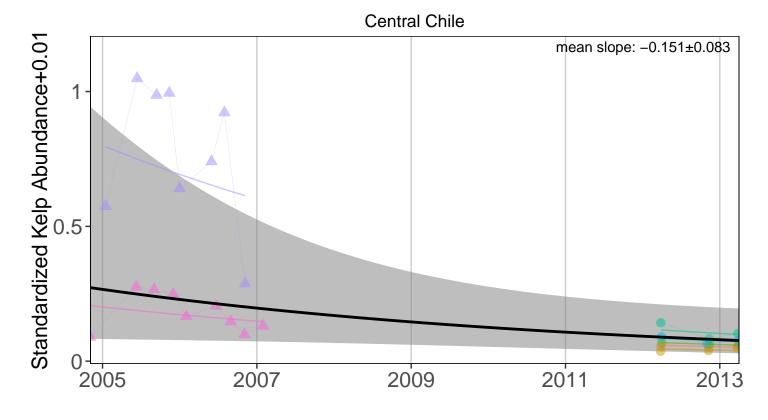
Study ■ Davoult_etal_2011 + REBENT_Brittany_NW_France ■ Northern_Ireland_Summary × Trowbridge_etal_2013



Study

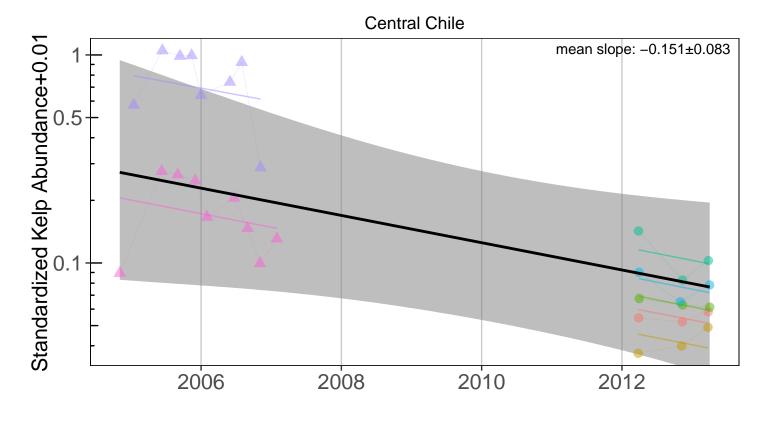
■ Davoult_etal_2011 + REBENT_Brittany_NW_France

■ Northern_Ireland_Summary × Trowbridge_etal_2013



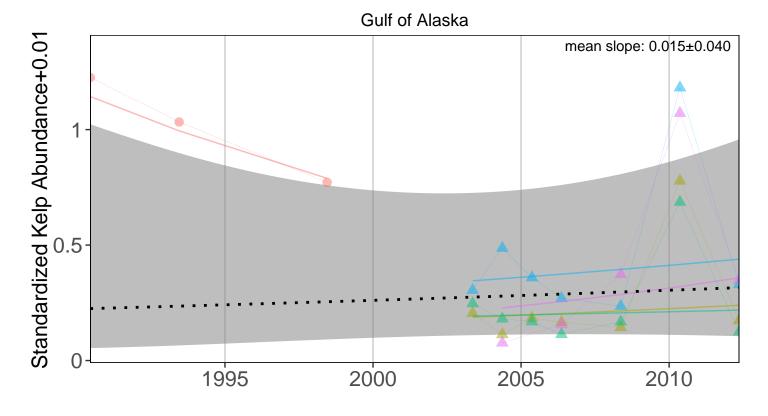
Study

■ Central_Chile_Fondecyt ▲ Northern_Chile

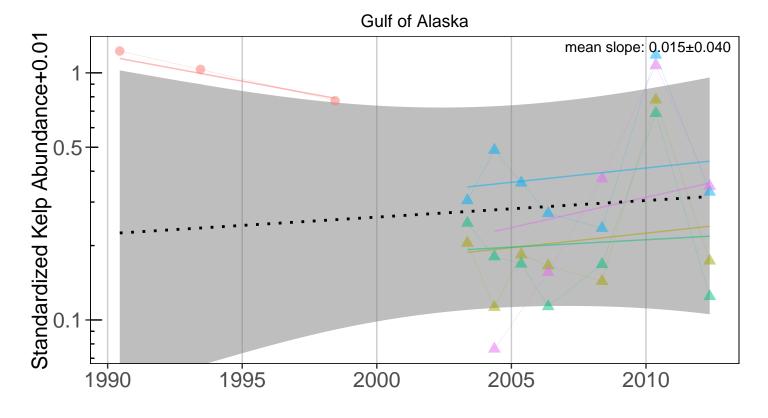


Study

Central_Chile_Fondecyt A Northern_Chile

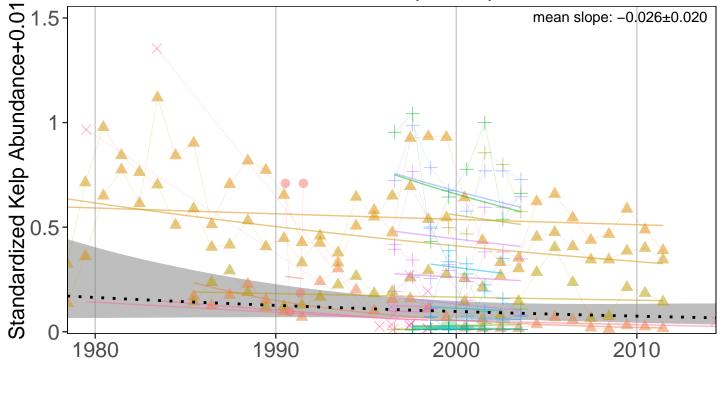


Study ■ Dean_etal_2000 ▲ konar_GulfOfAlaska



Study ■ Dean_etal_2000 ▲ konar_GulfOfAlaska

Gulf of Maine/Bay of Fundy

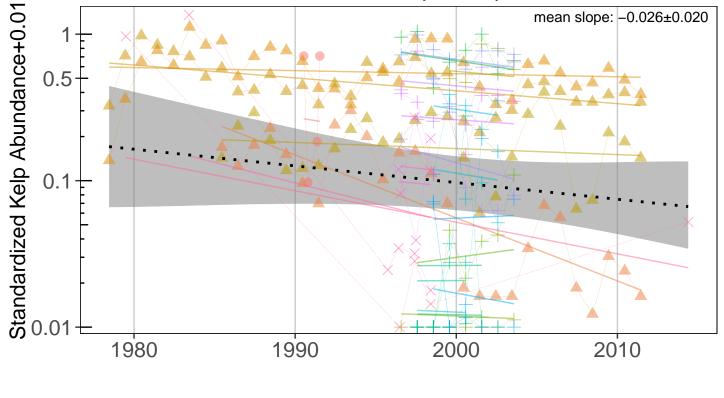


Study

■ Lambert_etal_1992 + steneck_gom

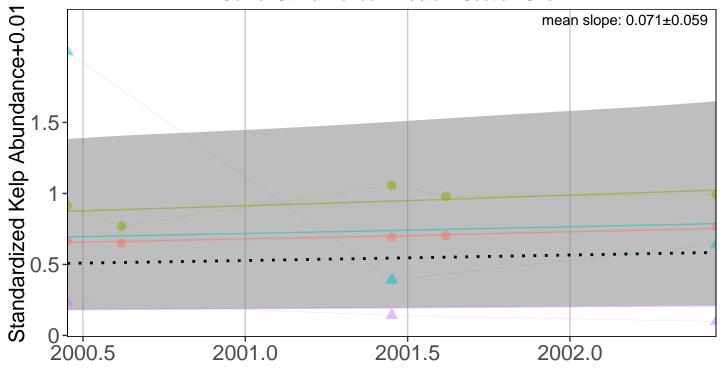
■ Normandeau × witman_gom

Gulf of Maine/Bay of Fundy

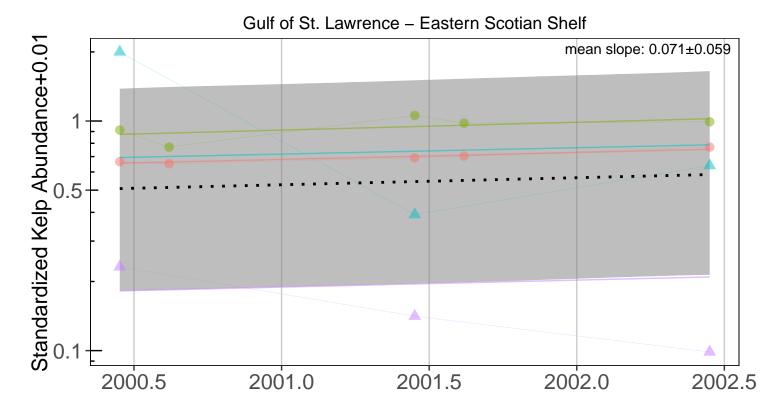


Study ■ Lambert_etal_1992 + steneck_gom ■ Normandeau × witman_gom

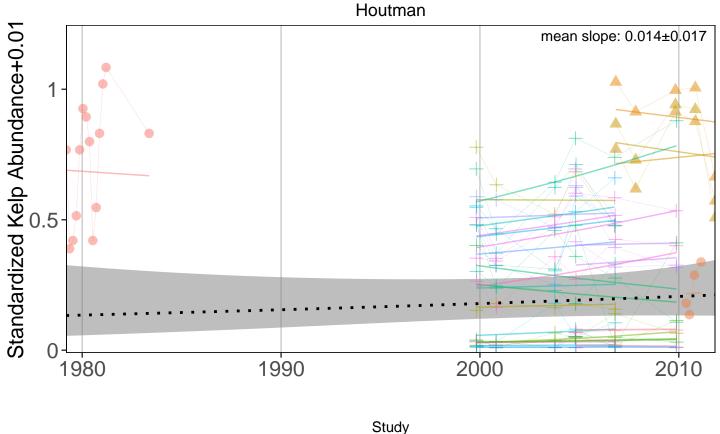
Gulf of St. Lawrence - Eastern Scotian Shelf



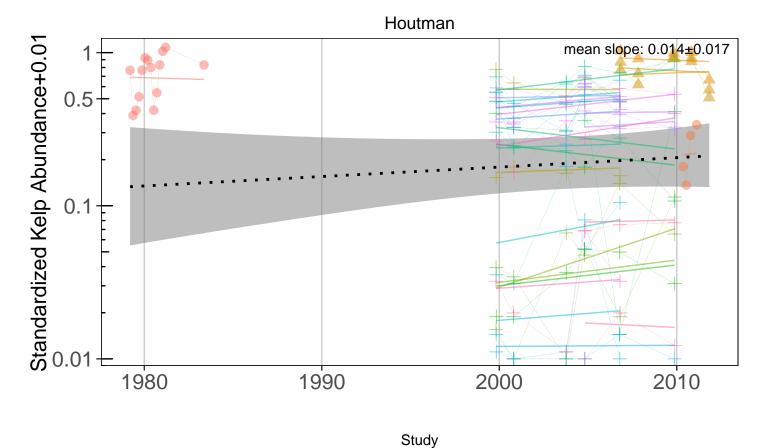
Study ■ Gagnon_atal_2005 ▲ Gagnon_etal_2004



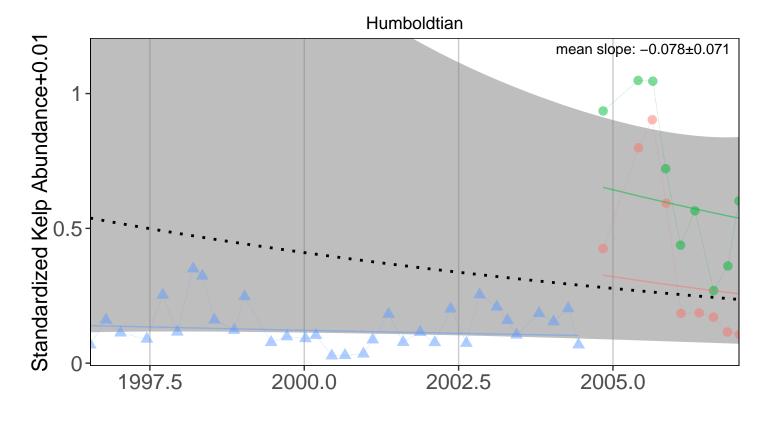
Study ■ Gagnon_atal_2005 ▲ Gagnon_etal_2004



Aus_Marmion + KelpCover_Temperate_AustraliaAustralia_WA_Wernberg

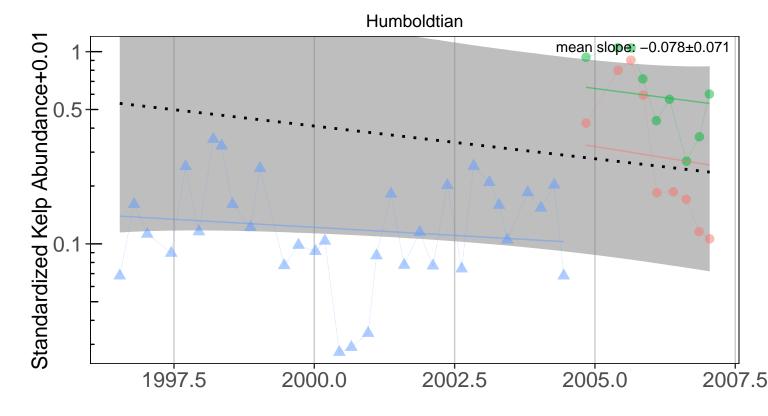


Aus_Marmion + KelpCover_Temperate_AustraliaAustralia_WA_Wernberg



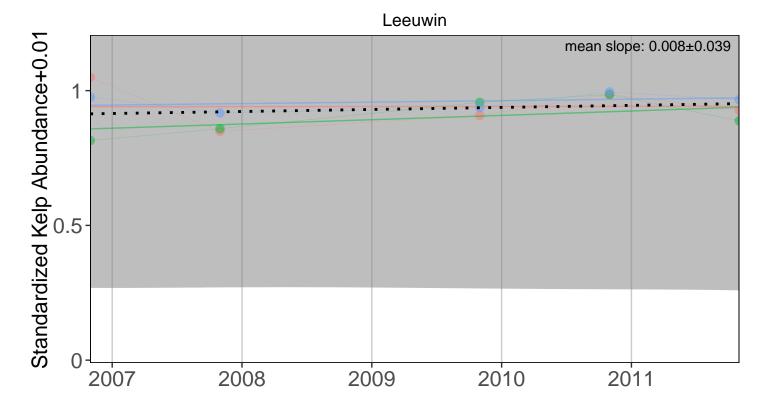
Study

■ Northern_Chile ▲ Vasquez_etal_2006



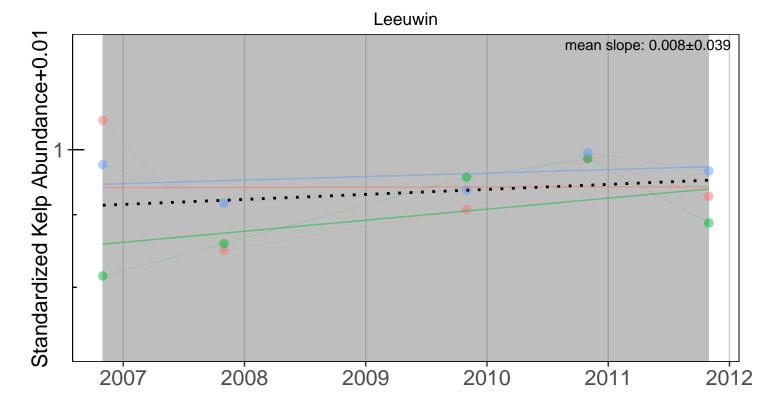
Study

■ Northern_Chile ▲ Vasquez_etal_2006



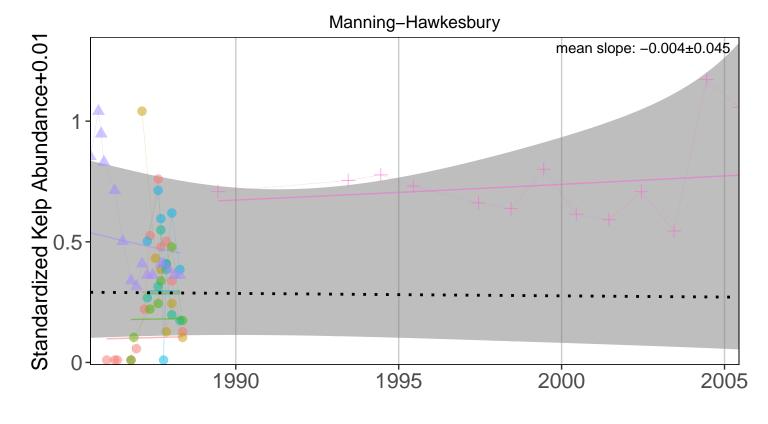
Study

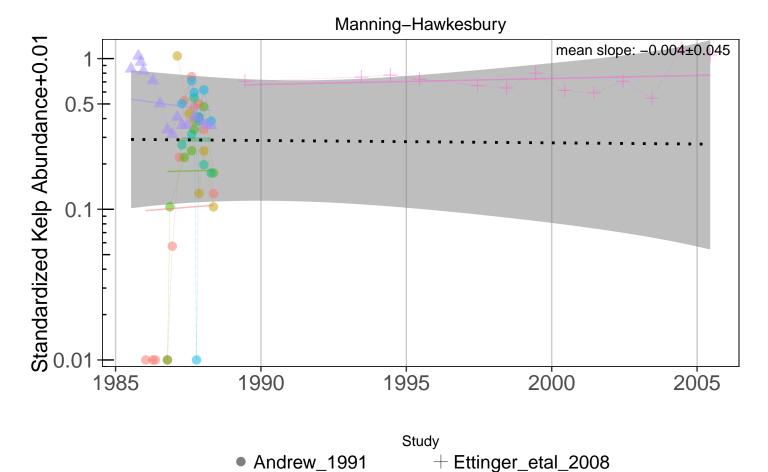
• Australia_WA_Wernberg



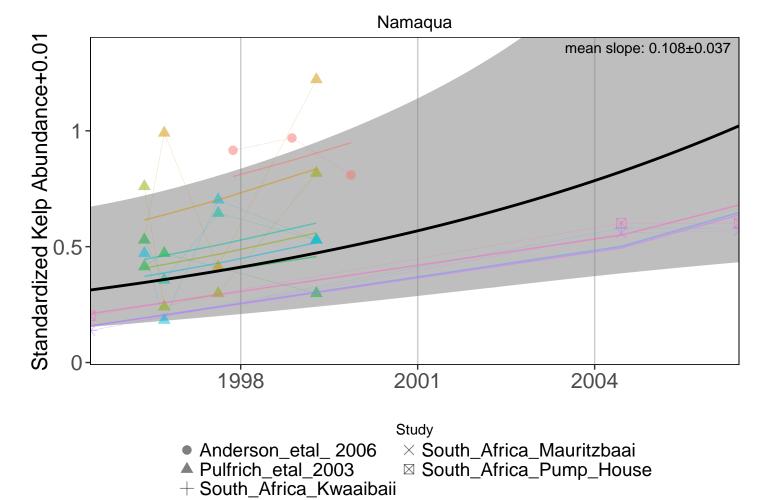
Study

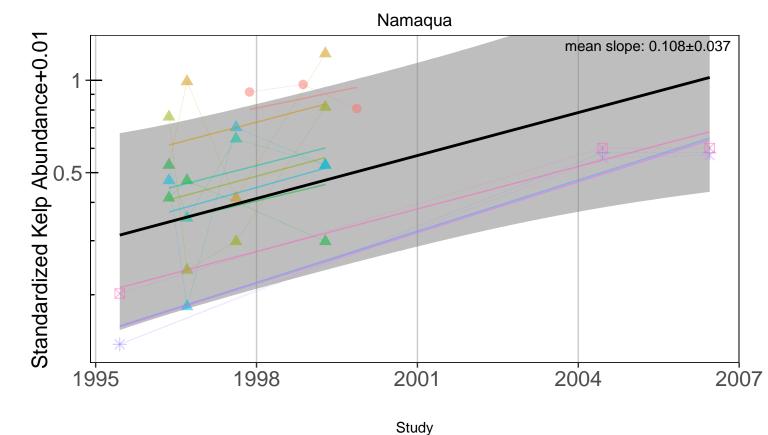
• Australia_WA_Wernberg





▲ Andrew_Jones_1990





Anderson_etal_ 2006

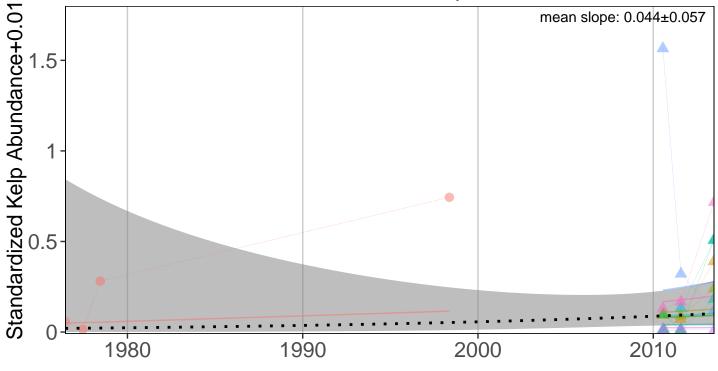
▲ Pulfrich_etal_2003

+ South_Āfrica_Kwaaibaii

× South_Africa_Mauritzbaai

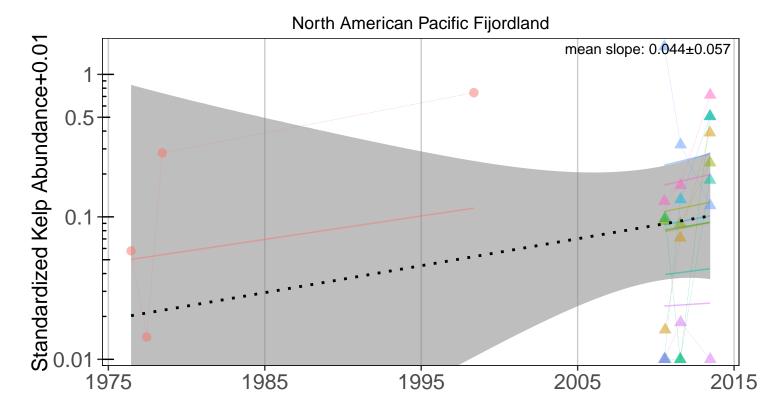
South_Africa_Pump_House

North American Pacific Fijordland



Study

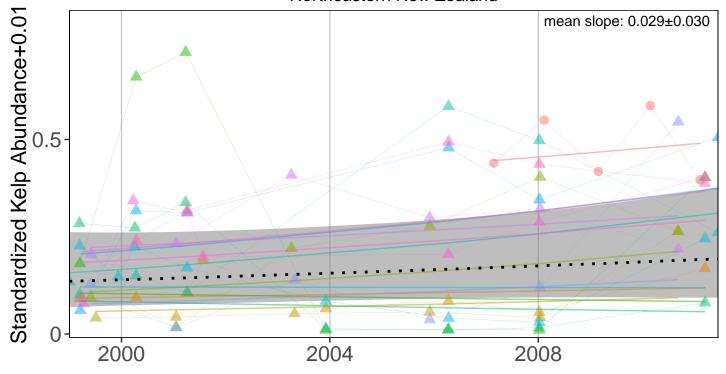
■ Estes_Duggins_AK ▲ Haida_Gwaii



Study

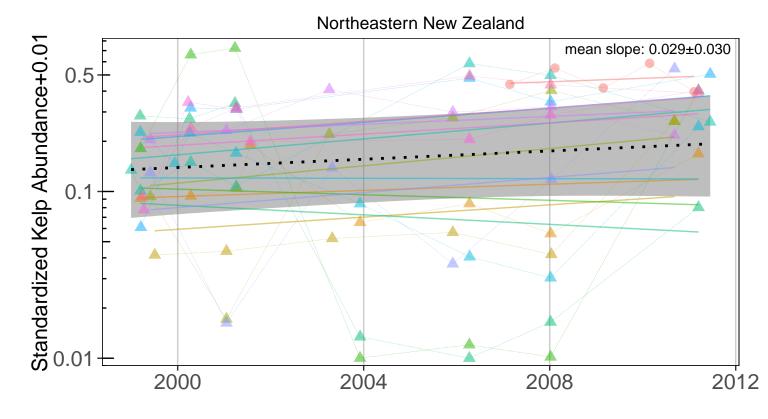
■ Estes_Duggins_AK ▲ Haida_Gwaii

Northeastern New Zealand



Study

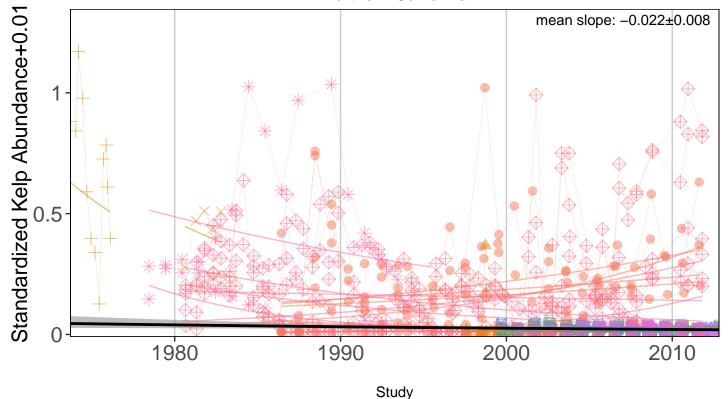
New_Zealand_Hauraki_Gulf A Northern_New_Zealand



Study

New_Zealand_Hauraki_Gulf A Northern_New_Zealand

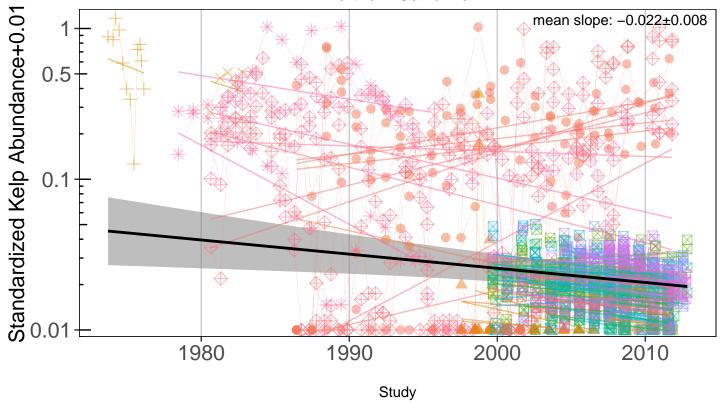
Northern California



- Channel_Islands_National_Park
 ☐ PISCO_subtidal
- Edwards_baja
- Gerard_ 1976
- × Harrold_Reed_1985

- - * Schiel_etal_2004
 - **♦ SNI**

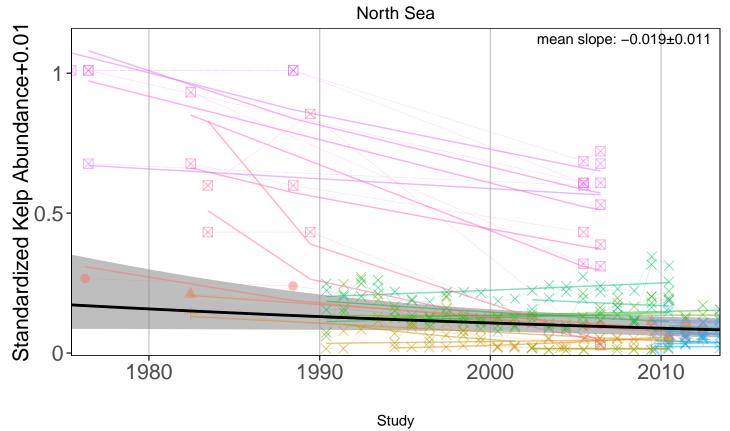
Northern California



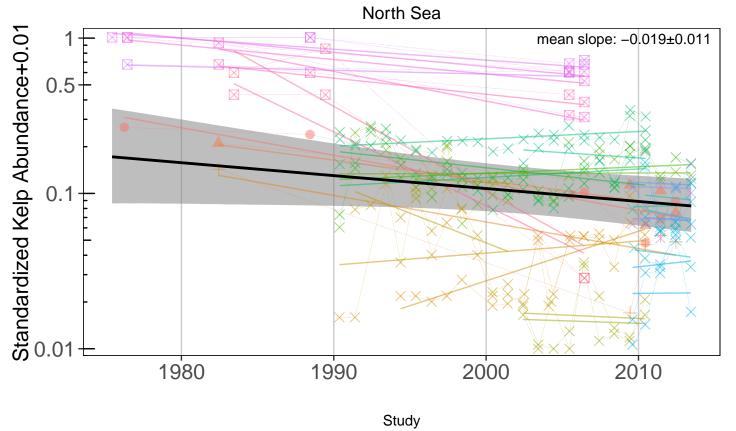
- Channel_Islands_National_Park

 □ PISCO_subtidal
- Edwards_baja
- Gerard_ 1976
- × Harrold_Reed_1985

- - * Schiel_etal_2004
 - **♦ SNI**

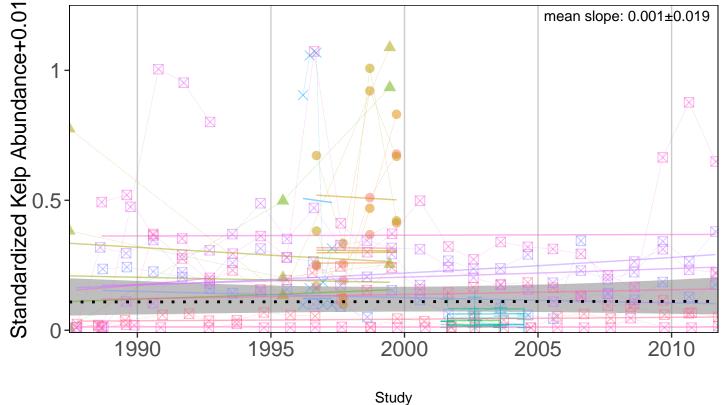


norway_inner_coast_norderhaug-Ei × Norway_monitoring_kelp_data
 norway_inner_coast_norderhaug-Gr ⋈ norway_moy_christie_with_Åsen_2
 + norway_inner_coast_norderhaug-No



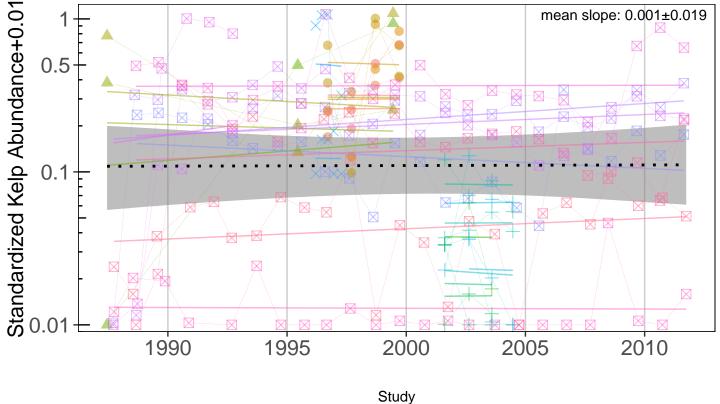
norway_inner_coast_norderhaug-Ei × Norway_monitoring_kelp_data
 norway_inner_coast_norderhaug-Gr ⋈ norway_moy_christie_with_Åsen_2
 + norway_inner_coast_norderhaug-No

Oregon, Washington, Vancouver Coast and Shelf

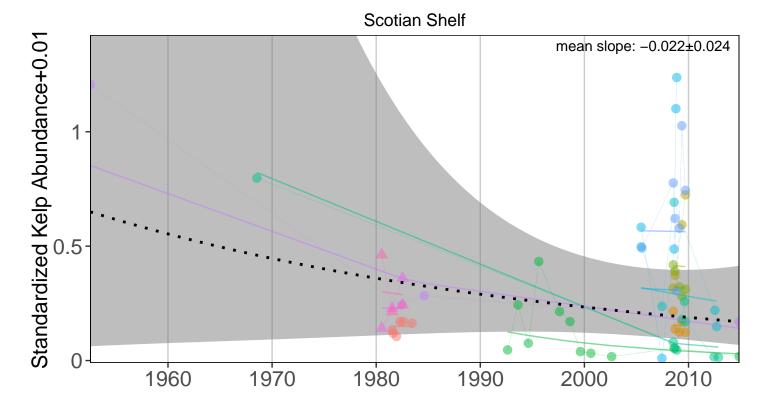


- Fox_etal_1999 × Shaffer_2000
- ▲ Kvitek_etal_ 2001 ☑ VancouverIsland–JaneWatson
- + PISCO_oregon

Oregon, Washington, Vancouver Coast and Shelf

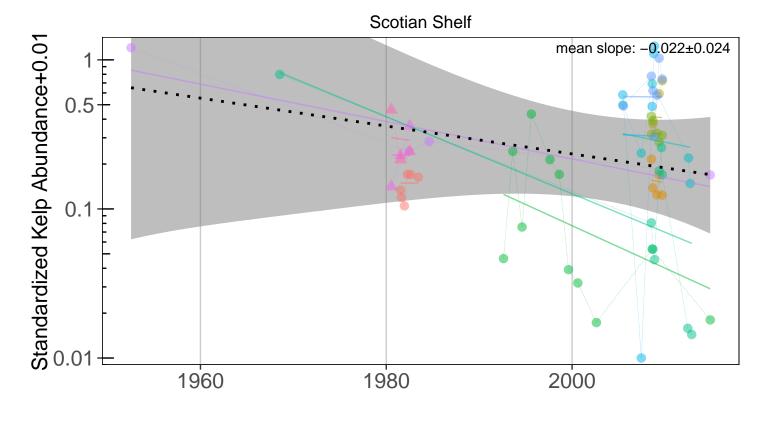


- Fox_etal_1999 × Shaffer_2000
- ▲ Kvitek_etal_ 2001 ☑ VancouverIsland-JaneWatson
- + PISCO_oregon

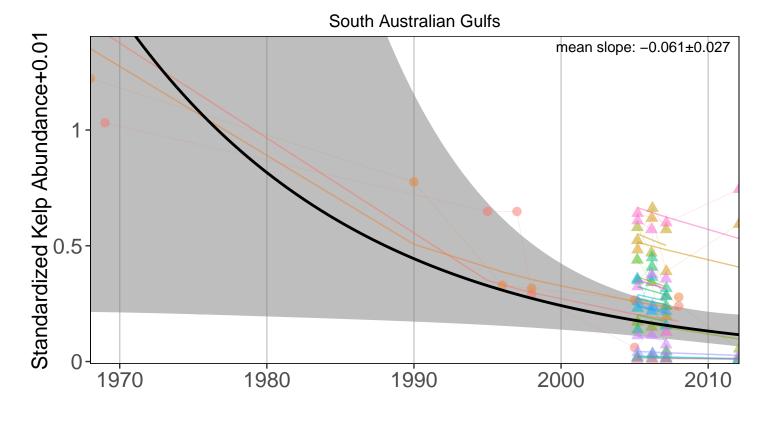


Study

■ Nova_Scotia ▲ Smith_ 1985

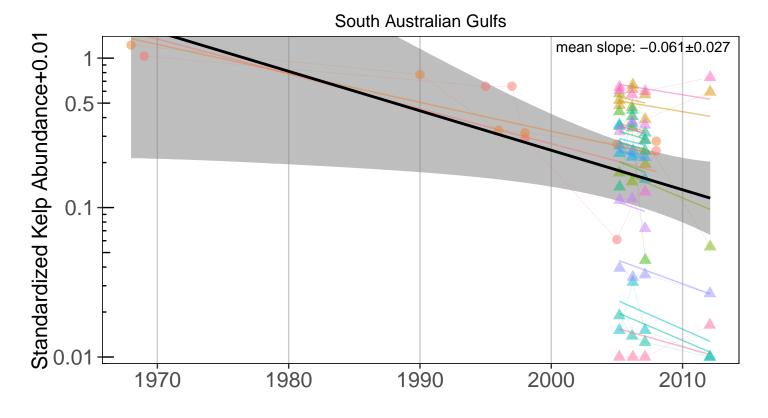


Study
■ Nova_Scotia ▲ Smith_ 1985



Study

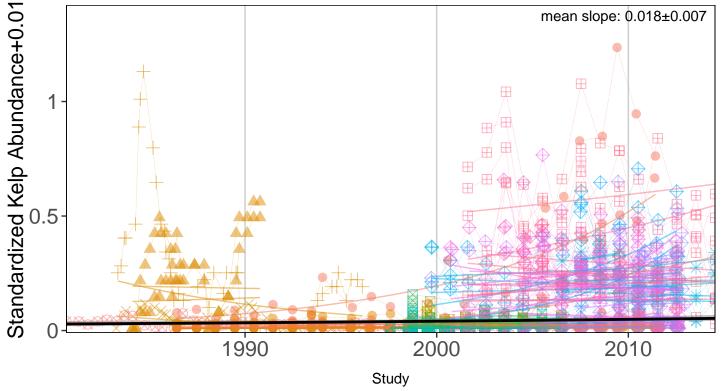
autralia_connell_canopyLoss
KelpCover_Temperate_Australia



Study

• autralia_connell_canopyLoss • KelpCover_Temperate_Australia

Southern California Bight

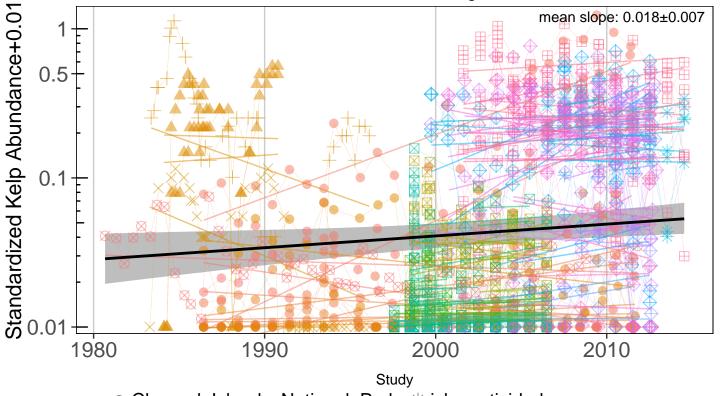


- Channel_Islands_National_Park * isla_natividad
- + Dayton_etal_1999_Laminaria

 ⊞ sbc_lter_longterm_community
- × Dayton_etal_1999_Pterygophora

 SNI
- ☑ Edwards_baja

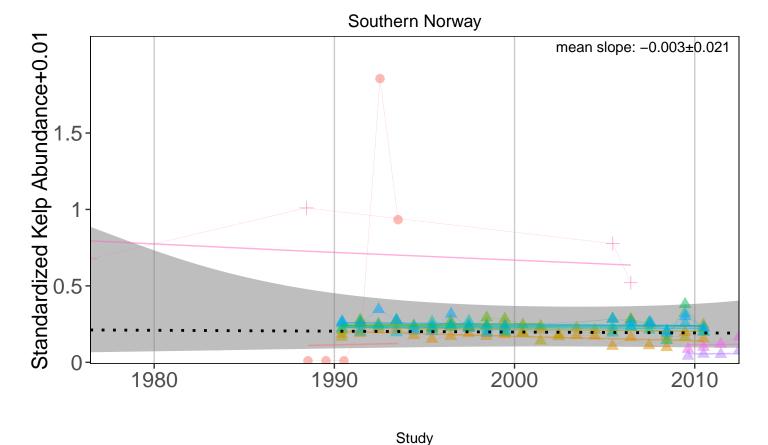
Southern California Bight



- Channel_Islands_National_Park * isla_natividad
- + Dayton_etal_1999_Laminaria

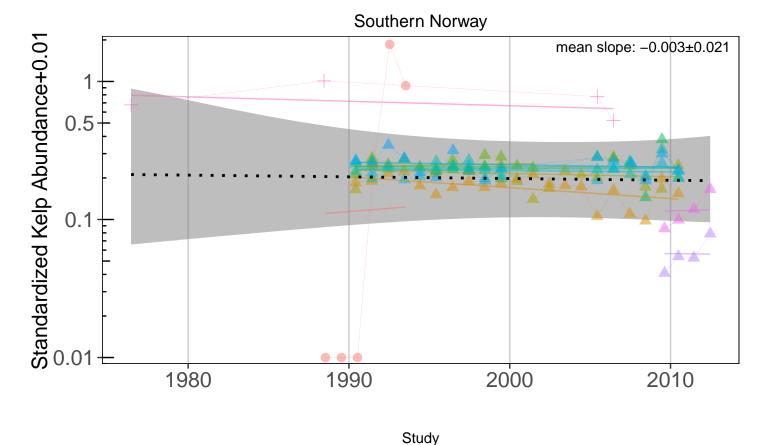
 ⊞ sbc_lter_longterm_community
- × Dayton_etal_1999_Pterygophora

 SNI
- □ Edwards_baja

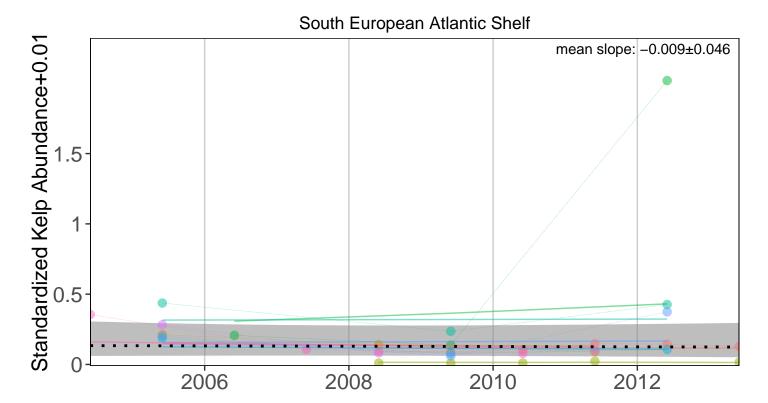


+ norway_moy_christie_with_Åsen_2 Leinaas_Christie_1996

Norway_monitoring_kelp_data

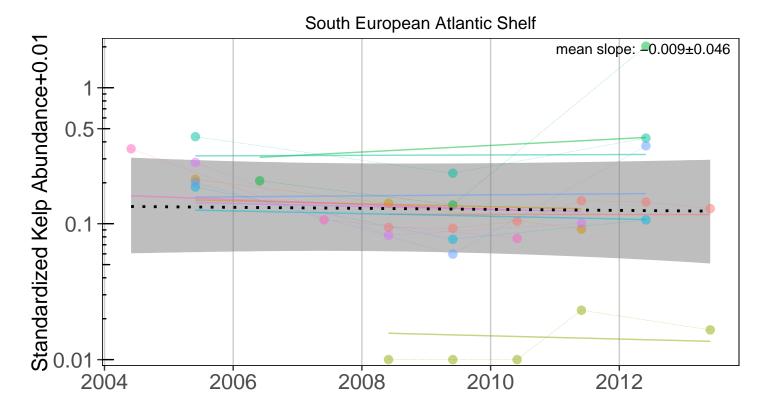


Leinaas_Christie_1996 + norway_moy_christie_with_Åsen_2
 Norway_monitoring_kelp_data

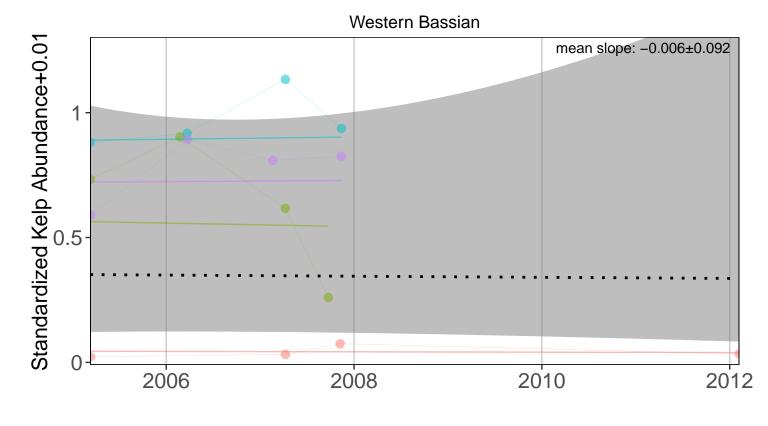


Study

REBENT_Brittany_NW_France

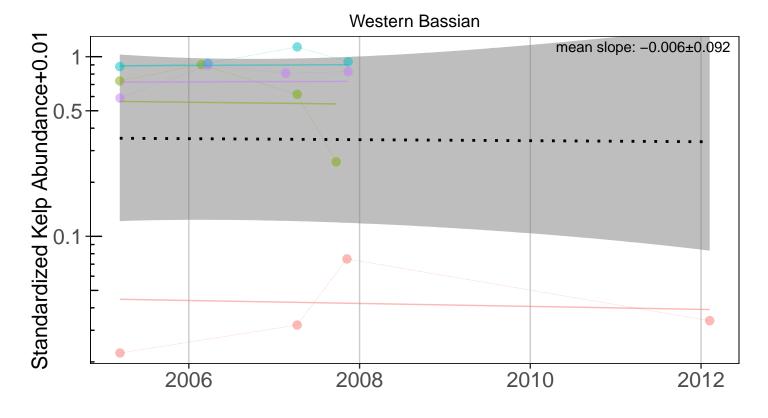


Study
• REBENT_Brittany_NW_France



Study

• KelpCover_Temperate_Australia



Study

• KelpCover_Temperate_Australia