

Q1: Changes in
diet?

Q2: Changes in
predation intensity?

Q3: Changes in
spatial overlap?

Spatiotemporal
diet models

Spatiotemporal
cod models

Spatiotemporal
prey data

Predict
relative prey weight (R)
on spatial grid
[kg/kg]

Predict
cod density (D)
on spatial grid
[kg/km²]

Spatiotemporal trends in
in per capita predation
(R)

Spatiotemporal trends in
predation intensity
(R×D)

Spatiotemporal trends in
per capita
predation intensity
([R×D]/B_y)

Spatiotemporal
predator-prey overlap
('local index
of collocation')