Figures for main text

Figures

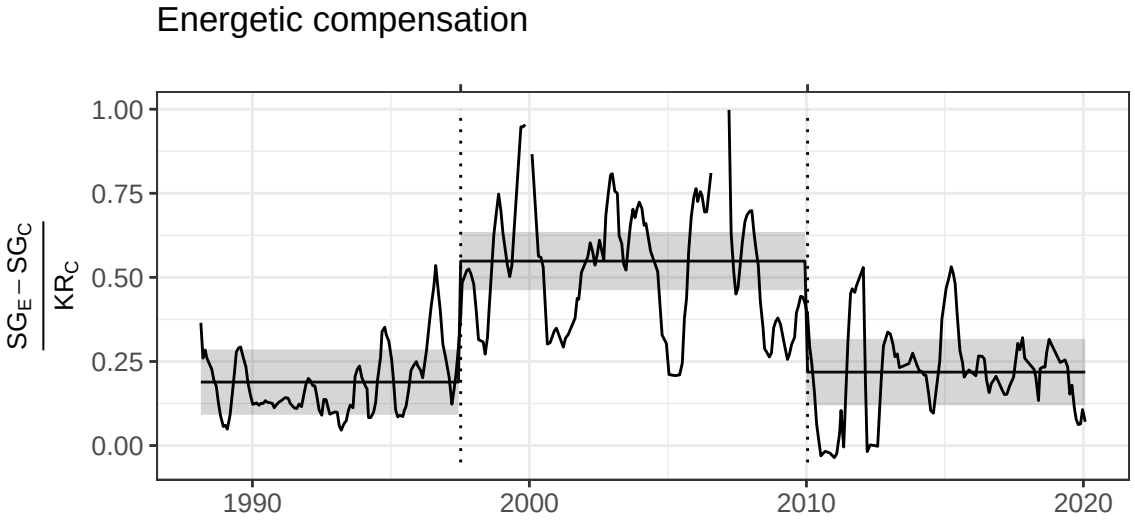
Compensation and total energy use

Lines are 6-month moving averages. Horizontal lines + ribbons are means and SE or CL from GLM or GLS.

Compensation

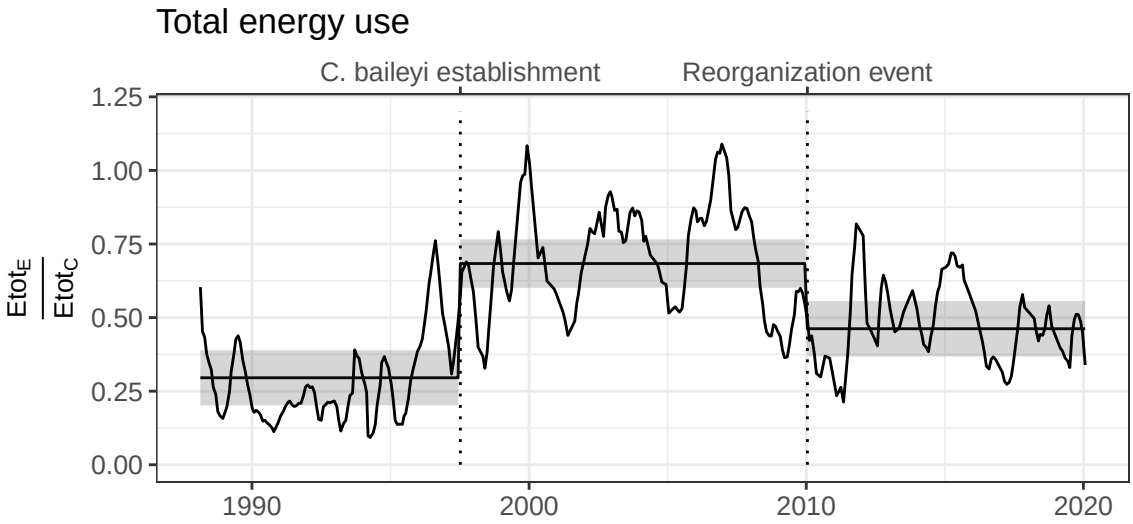
Compensation refers to compensatory gains in energy use by small granivores on exclosure plots relative to controls. Calculated as $\frac{SmgranExclosure - SmgranControl}{DipoControl}$. **Total energy** refers to the overall loss in energy use caused by kangaroo rat removal.

```
## Joining, by = "era"
```



Total energy ratio

```
## Joining, by = "era"
```



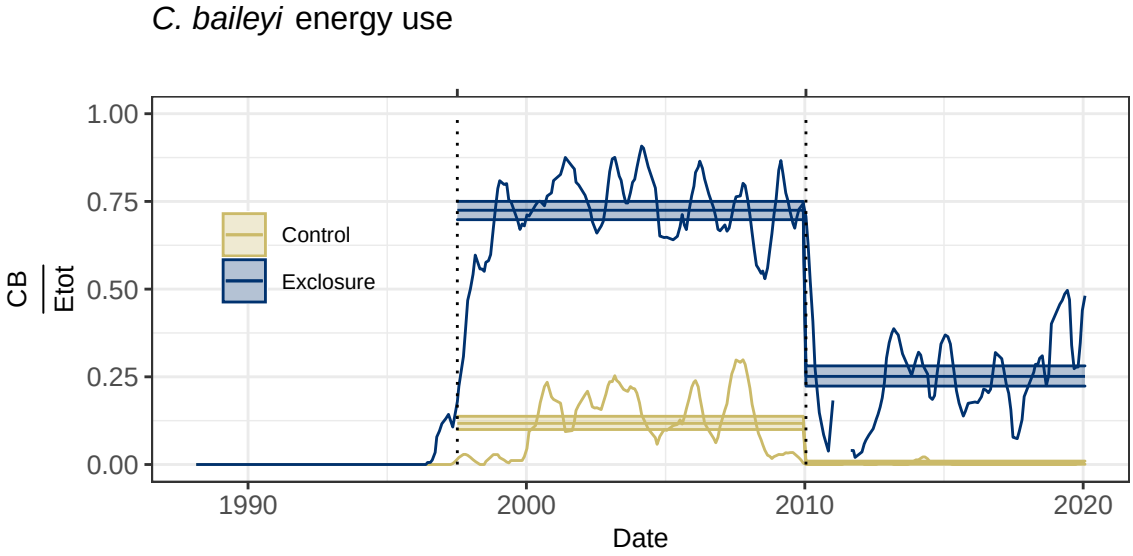
Rodent community composition

C. baileyi

```
## Joining, by = c("period", "oplottype")
```

```
## Joining, by = c("period", "oplottype", "censusdate")
```

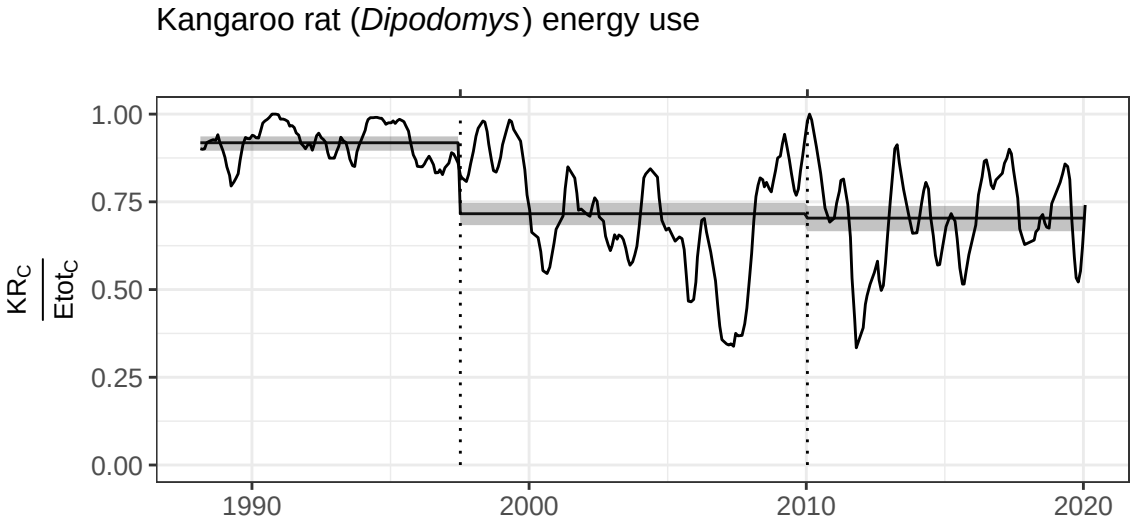
```
## Warning: Removed 228 row(s) containing missing values (geom_path).
```



Dipodomys

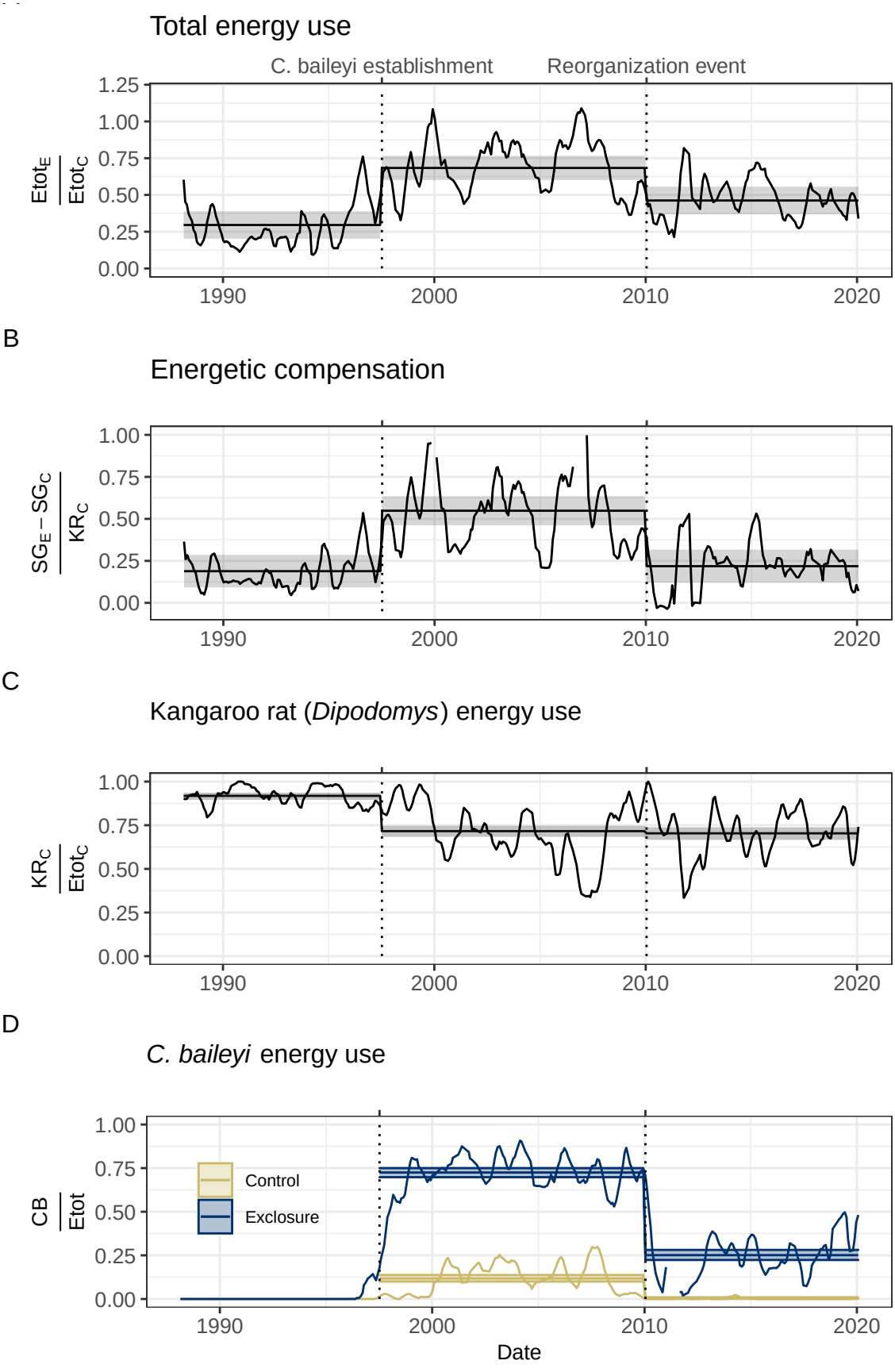
```
## Joining, by = c("period", "oplottype")
```

```
## Joining, by = "period"
```



Full figure

```
## Setting row to 1

## Setting column to 1

## Setting row to 2

## Setting column to 1

## Setting row to 3

## Setting column to 1

## Setting row to 4

## Setting column to 1

## Warning: Removed 228 row(s) containing missing values (geom_path).
```


Total energy use
C. baileyi establishment
Reorganization event
$\frac{Etot_E}{Etot_C}$
1.25
1.00
0.75
0.50
0.25
0.00
1990
2000
2010
2020
B
Energetic compensation
$\frac{SG_E - SG_C}{KR_C}$
1.00
0.75
0.50
0.25
0.00
1990
2000
2010
2020
C
Kangaroo rat (*Dipodomys*) energy use
$\frac{KR_C}{Etot_C}$
1.00
0.75
0.50
0.25
0.00
1990
2000
2010
2020
D
C. baileyi energy use
$\frac{CB}{Etot}$
Control
Exclosure
1.00
0.75
0.50
0.25
0.00
1990
2000
2010
2020
Date