# MS figs

## Figures

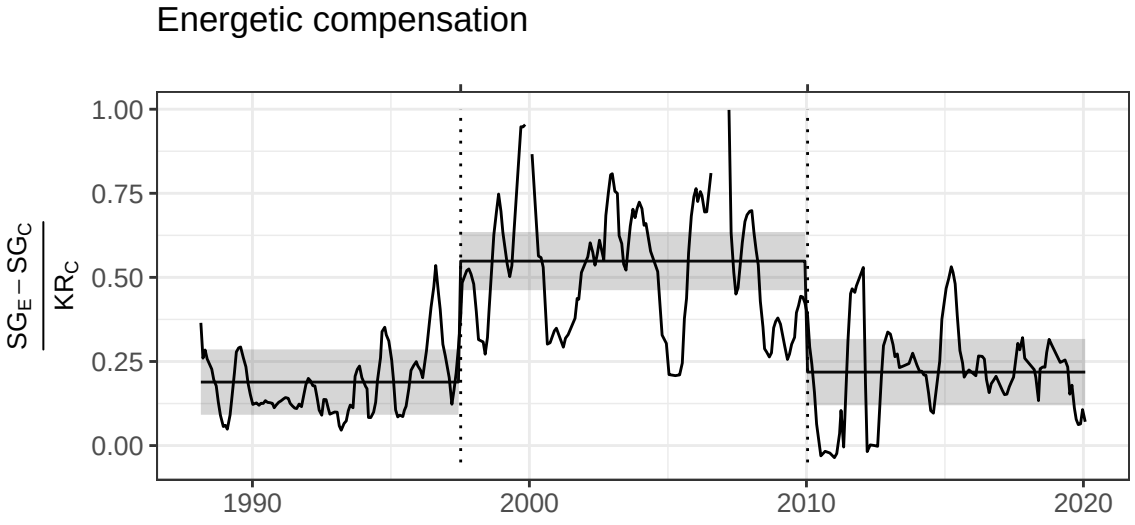
### Compensation and total energy use

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

#### Compensation

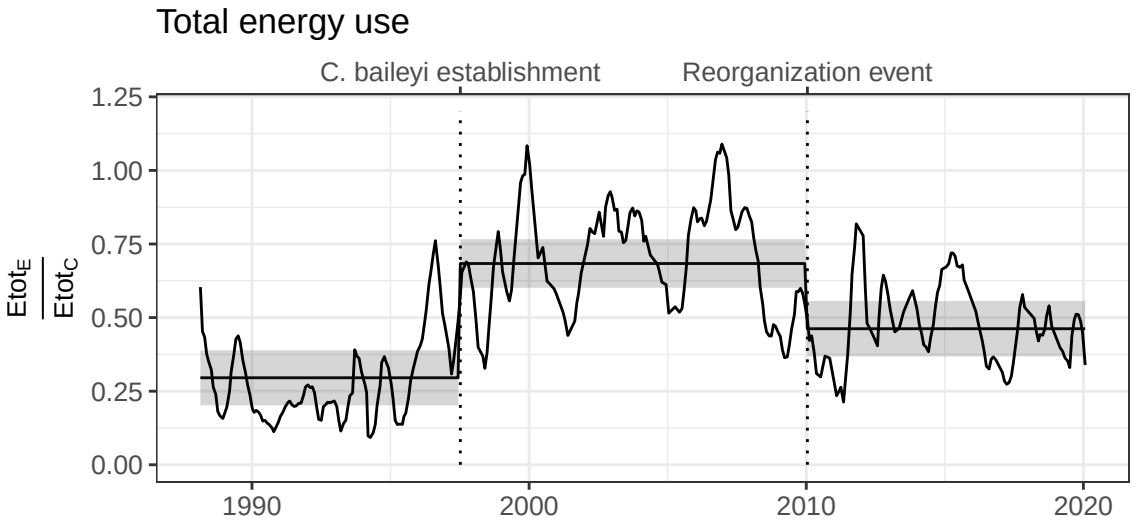
**Compensation** refers to compensatory gains in energy use by small granivores on exclosure plots relative to controls. Calculated as $\frac{SmgranExclosure - SmgranControl}{DipoControl}$. **Total energy** refers to the overall loss in energy use caused by kangaroo rat removal.

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




#### Total energy ratio

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



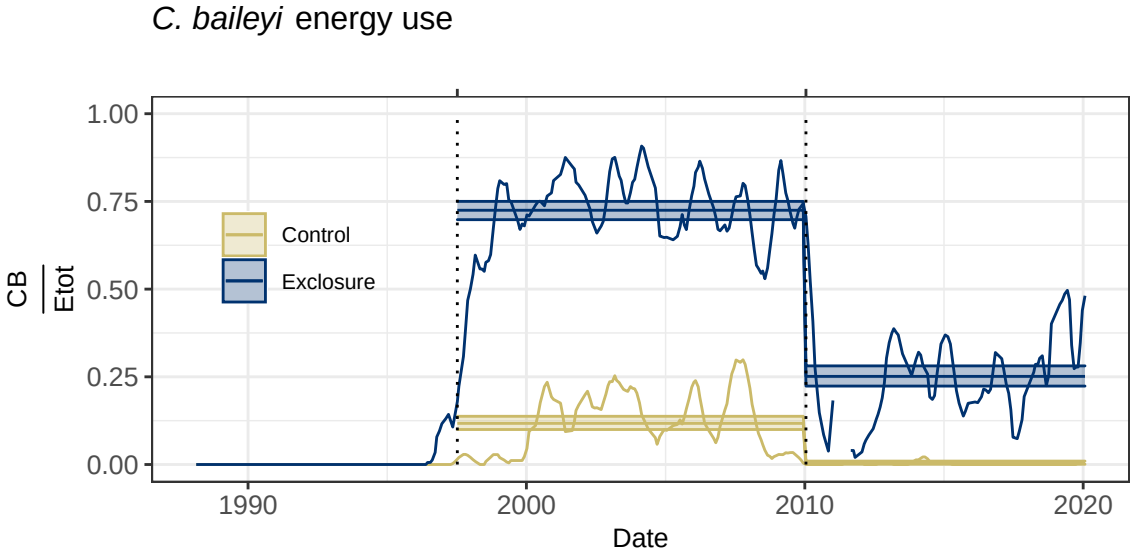

## Rodent community composition

### C. baileyi

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

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

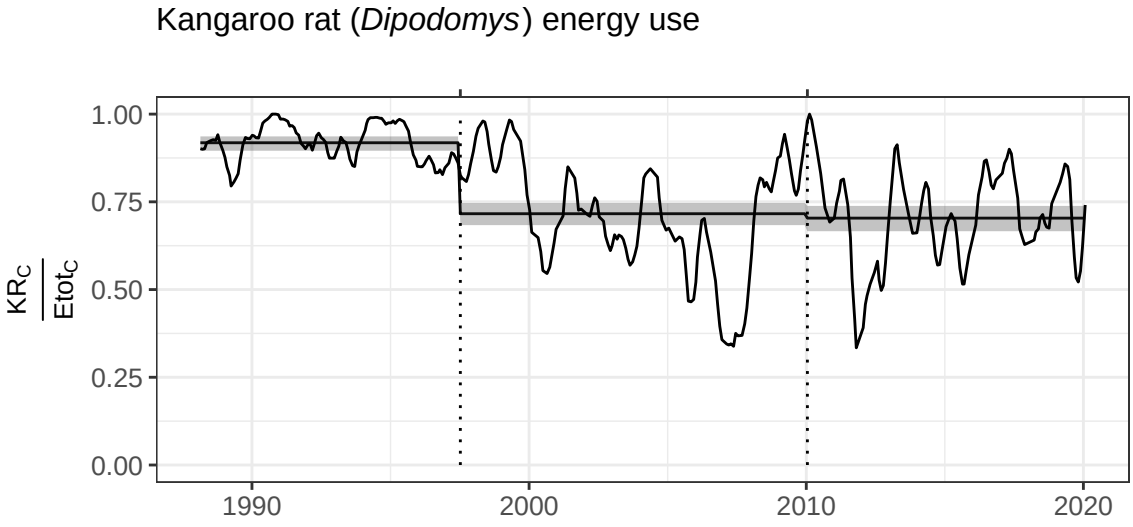
```
## Warning: Removed 228 row(s) containing missing values (geom_path).
```




### Dipodomys

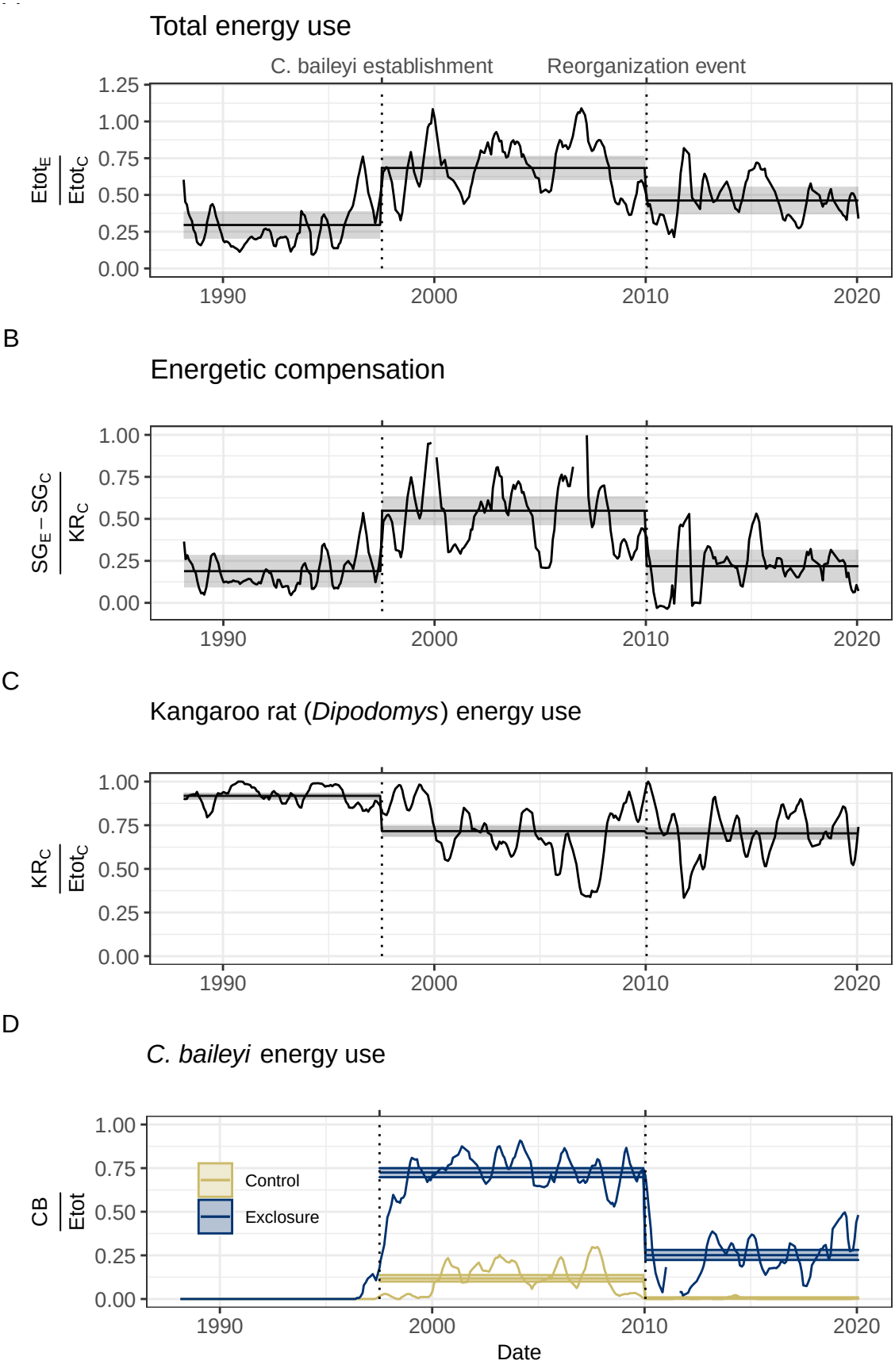
```
## Joining, by = c("period", "oplottype")
```

```
## 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