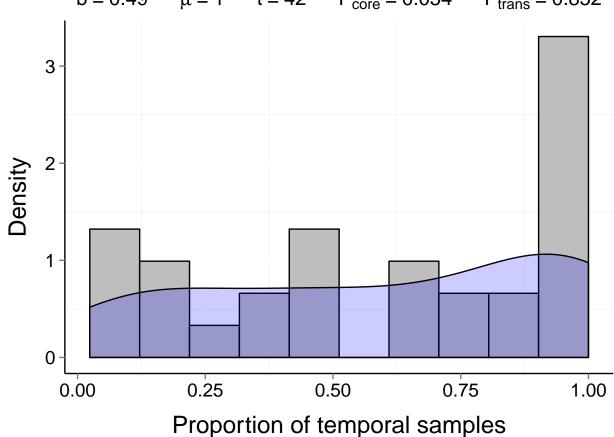


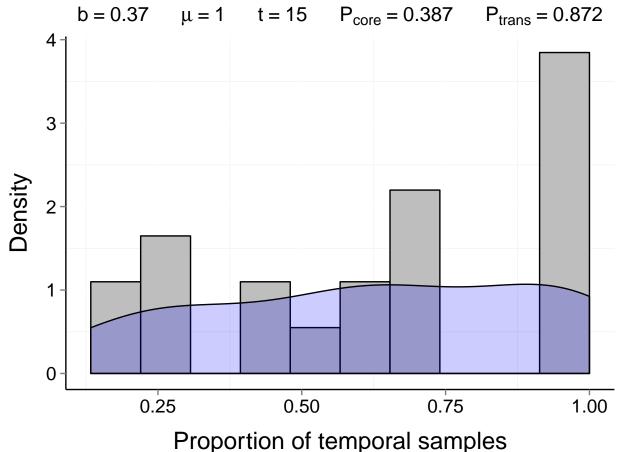
# Site d228\_hb (Terrestrial, Bird) b = 0.49 $\mu = 1$ t = 42 $P_{core} = 0.054$ $P_{trans} = 0.852$



#### Site d228\_mk (Terrestrial, Bird) b = 0.66 $\mu = 1$ t = 15 $P_{core} = 0.063$ $P_{trans} = 0.502$ 3 **Density** 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

#### Site d228\_rp (Terrestrial, Bird) b = 0.6 $\mu = 1$ t = 15 $P_{core} = 0.033$ $P_{trans} = 0.557$ 3 **Density** 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

#### Site d228\_sm (Terrestrial, Bird)

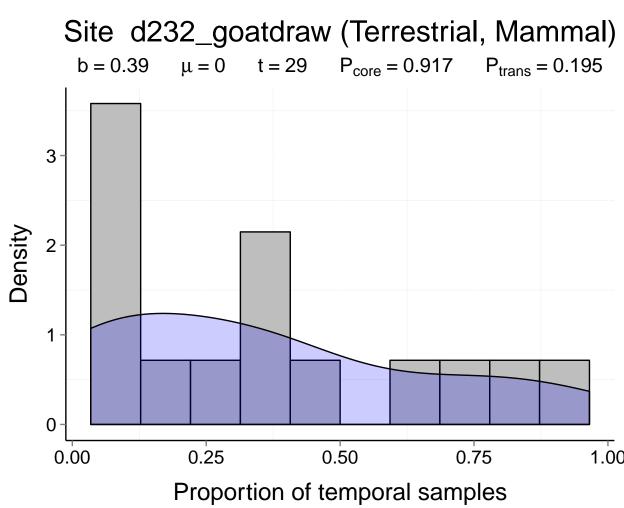


#### Site d232\_5pgrass (Terrestrial, Mammal) $\mu = 0$ t = 49 $P_{core} = 0.898$ $P_{trans} = 0.001$ b = 0.463 0.25 0.50 0.75 1.00 0.00 Proportion of temporal samples

#### Site d232\_5plarrea (Terrestrial, Mammal) $\mu = 0$ t = 50 $P_{core} = 0.984$ $P_{trans} = 0.005$ b = 0.45**Density** 0.25 0.50 1.00 0.00 0.75 Proportion of temporal samples

#### Site d232\_blugrama (Terrestrial, Mammal) $\mu = 1$ t = 5 $P_{core} = 0.422$ $P_{trans} = 0.73$ b = 0.513 0 0.2 0.4 0.6 8.0

Proportion of temporal samples



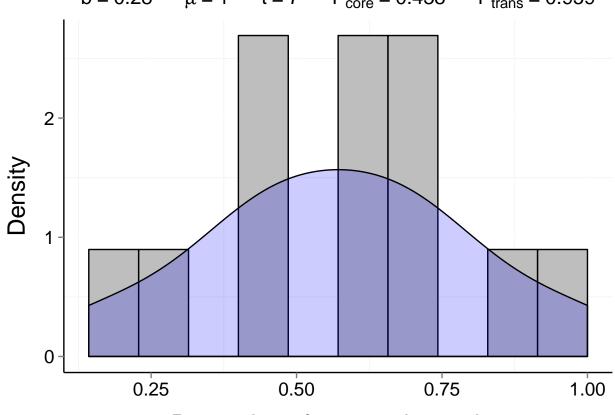
### Site d232\_rsgrass (Terrestrial, Mammal) b = 0.59 $\mu = 1$ t = 20 $P_{core} = 0.087$ $P_{trans} = 0.327$ 0 0.25 0.50 1.00 0.75

Proportion of temporal samples

#### Site d232\_rslarrea (Terrestrial, Mammal) $\mu = 0$ t = 41 $P_{core} = 0.919$ $P_{trans} = 0.045$ b = 0.423 0.25 1.00 0.50 0.75 0.00

Proportion of temporal samples

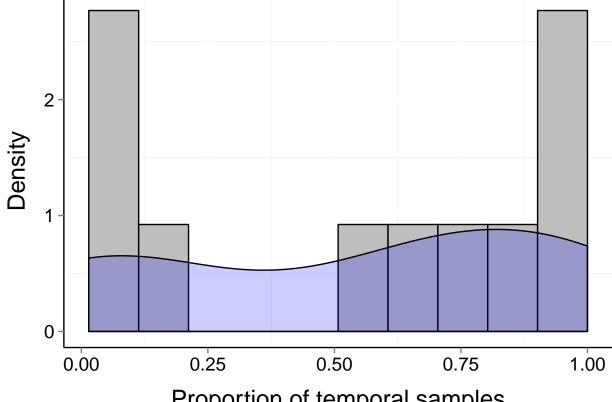
# Site d232\_savanna (Terrestrial, Mammal) b = 0.28 $\mu = 1$ t = 7 $P_{core} = 0.438$ $P_{trans} = 0.959$

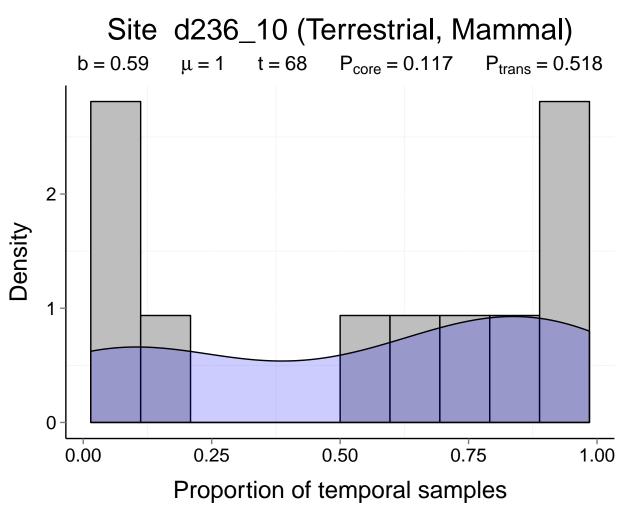


#### Site d232\_two22 (Terrestrial, Mammal) b = 0.55 $\mu = 0$ t = 20 $P_{core} = 0.936$ $P_{trans} = 0.012$ 3 **Density** 0 0.25 0.50 0.75 1.00 Proportion of temporal samples

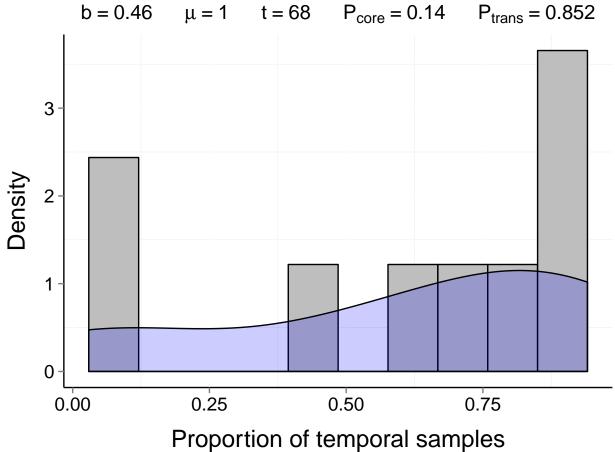
#### Site d234\_pm (Terrestrial, Mammal) b = 0.68 $\mu = 0$ t = 82 $P_{core} = 0.214$ $P_{trans} = 0.102$ **Density** 0.25 0.50 0.75 1.00 0.00 Proportion of temporal samples

# Site d236\_1 (Terrestrial, Mammal) b = 0.62 $\mu = 1$ t = 68 $P_{core} = 0.281$ $P_{trans} = 0.518$



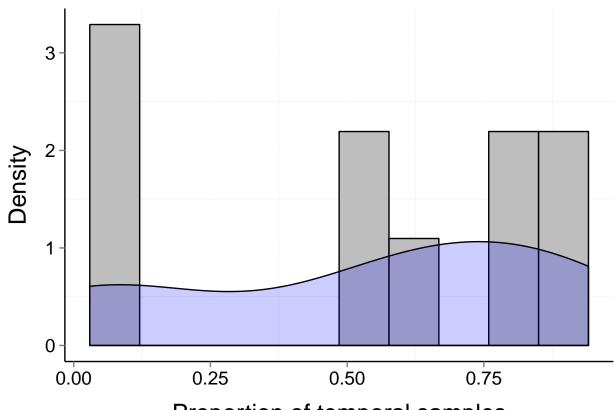


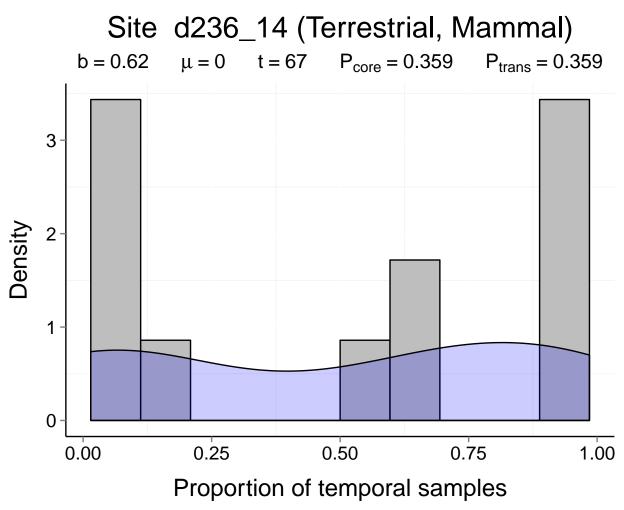
#### Site d236\_11 (Terrestrial, Mammal)

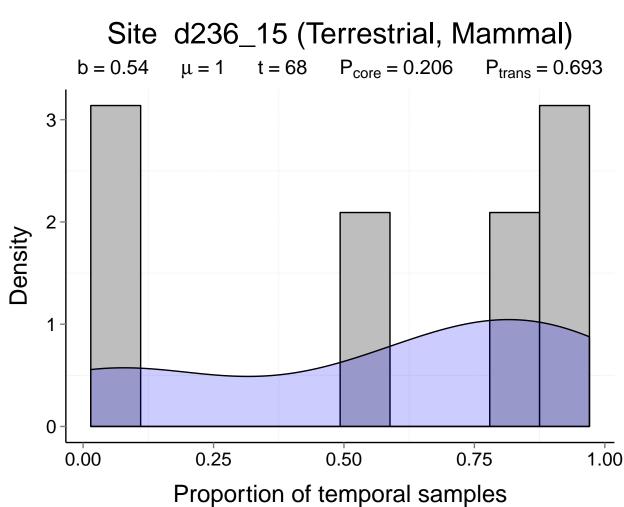


#### Site d236\_12 (Terrestrial, Mammal) b = 0.55 $\mu = 0$ t = 66 $P_{core} = 0.759$ $P_{trans} = 0.518$ **Density** 0.25 0.50 0.75 1.00 0.00 Proportion of temporal samples

# Site d236\_13 (Terrestrial, Mammal) b = 0.47 $\mu = 1$ t = 68 $P_{core} = 0.432$ $P_{trans} = 0.693$

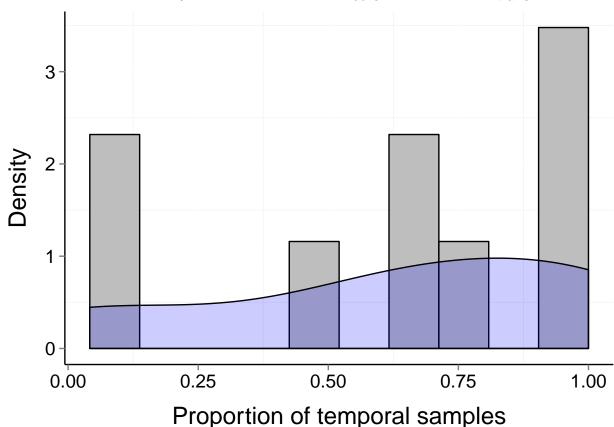






#### Site d236\_16 (Terrestrial, Mammal) $\mu = 1$ t = 68 $P_{core} = 0.432$ $P_{trans} = 0.693$ b = 0.442.0 1.5 **Density** 1.0 0.5 0.0 1.00 0.50 0.25 0.75 0.00

## Site d236\_17 (Terrestrial, Mammal) b = 0.57 $\mu = 1$ t = 24 $P_{core} = 0.342$ $P_{trans} = 0.852$



#### Site d236\_18 (Terrestrial, Mammal) b = 0.39 $\mu = 1$ t = 24 $P_{core} = 0.085$ $P_{trans} = 0.959$ 3 **Density** 2 0 0.25 0.50 1.00 0.75

# Site d236\_19 (Terrestrial, Mammal) b = 0.32 $\mu = 1$ t = 24 $P_{core} = 0.085$ $P_{trans} = 0.959$

4

3

0

0.25

Density

Proportion of temporal samples

0.75

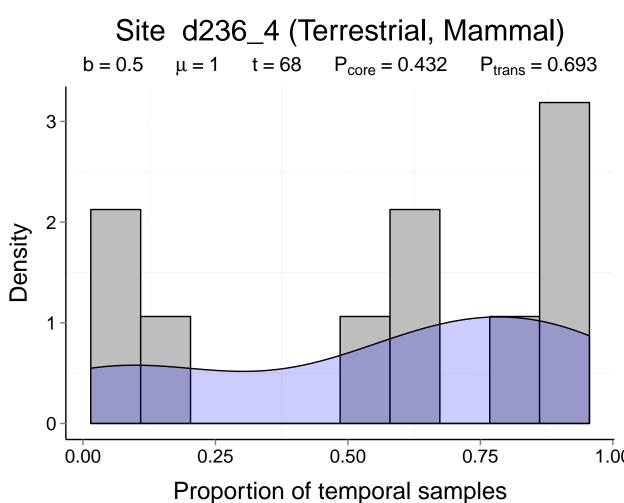
1.00

0.50

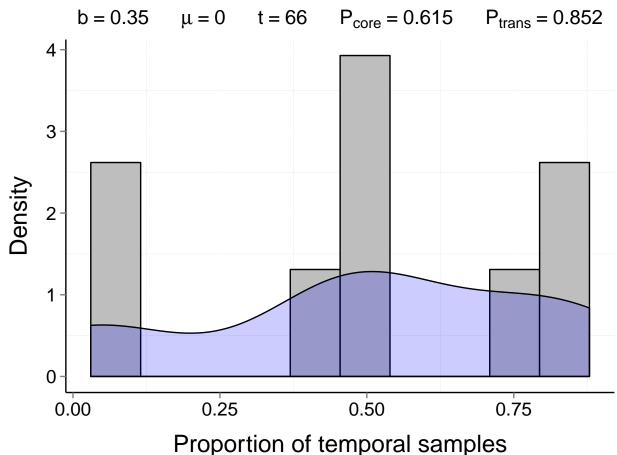
#### Site d236\_2 (Terrestrial, Mammal) b = 0.55 $\mu = 1$ t = 68 $P_{core} = 0.432$ $P_{trans} = 0.693$ 3 Density 0.50 0.25 0.75 0.00

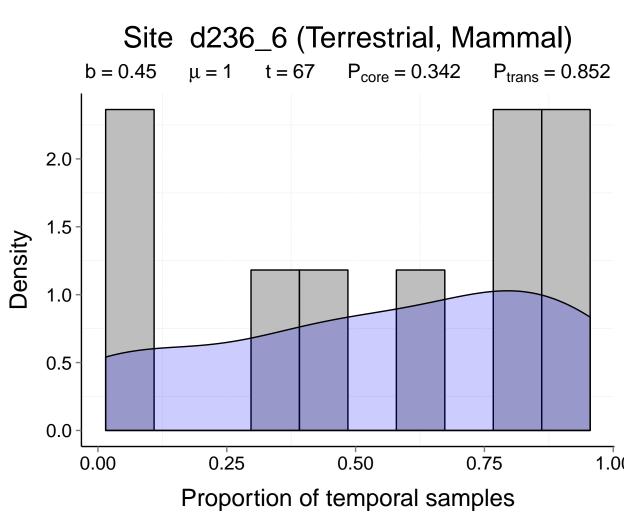
#### Site d236\_20 (Terrestrial, Mammal) b = 0.68 $\mu = 1$ t = 24 $P_{core} = 0.019$ $P_{trans} = 0.693$ 4 3 **Density** 0 0.25 0.50 0.75 1.00 0.00 Proportion of temporal samples

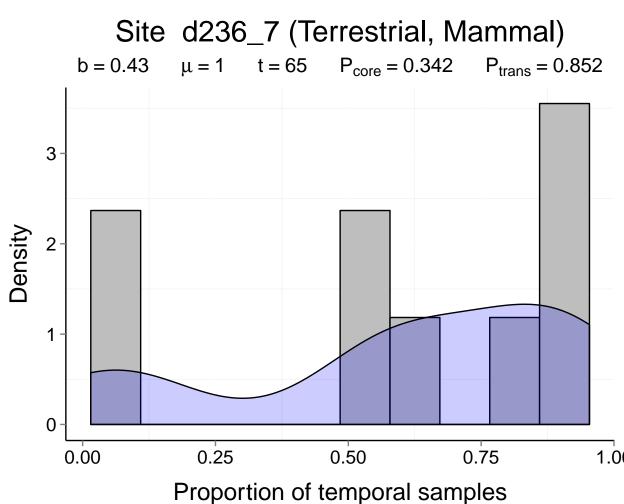
#### Site d236\_3 (Terrestrial, Mammal) b = 0.44 $\mu = 1$ t = 68 $P_{core} = 0.14$ $P_{trans} = 0.852$ 5 -4 **Density** 3 2 0 0.25 0.50 0.00 0.75



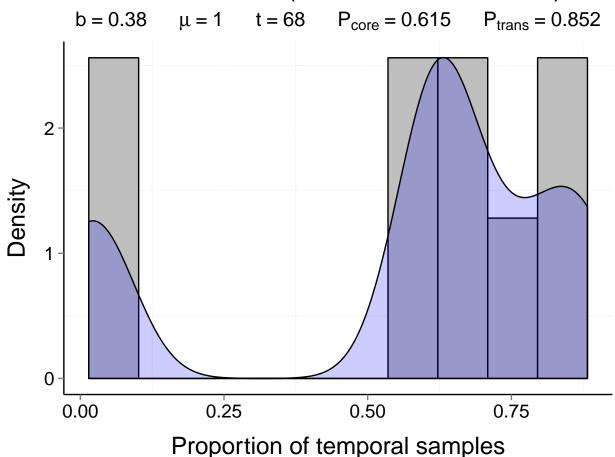
#### Site d236\_5 (Terrestrial, Mammal)



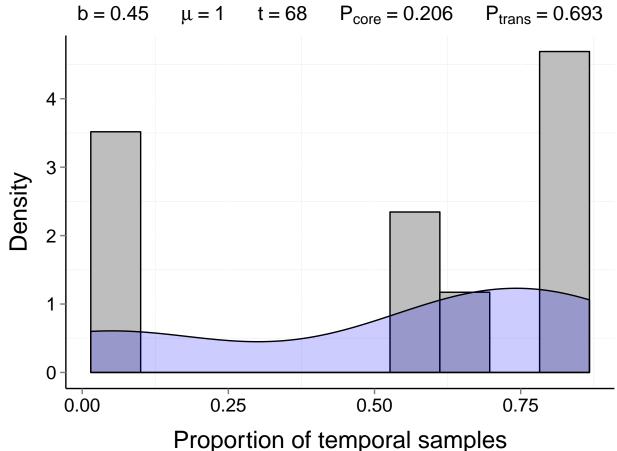


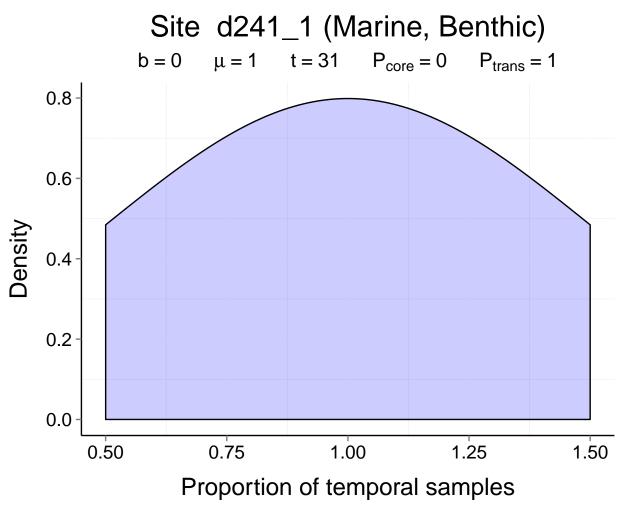


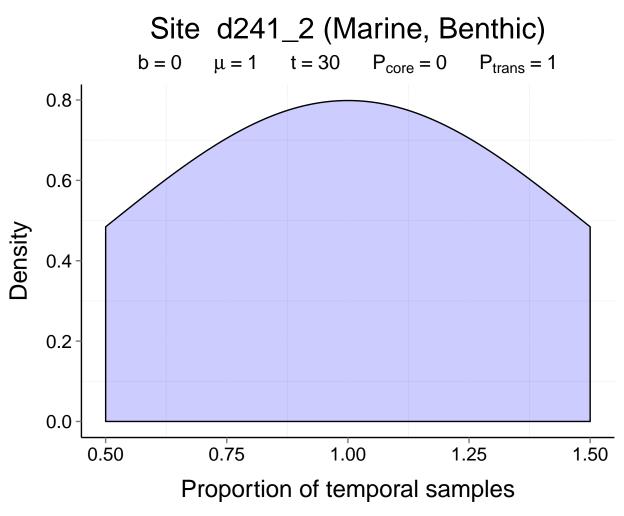
#### Site d236\_8 (Terrestrial, Mammal)

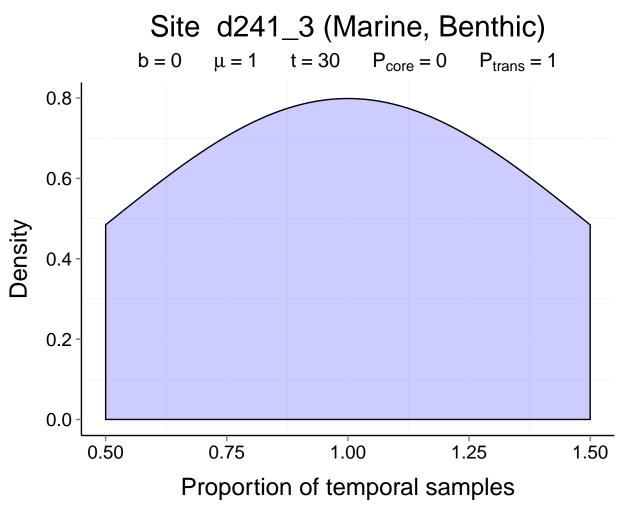


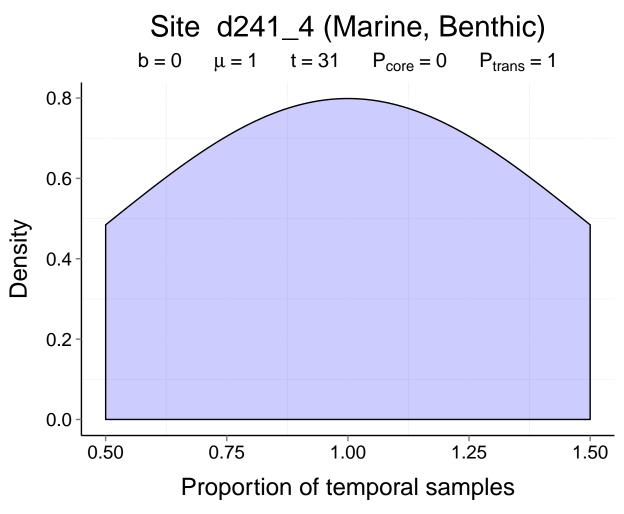
#### Site d236\_9 (Terrestrial, Mammal)

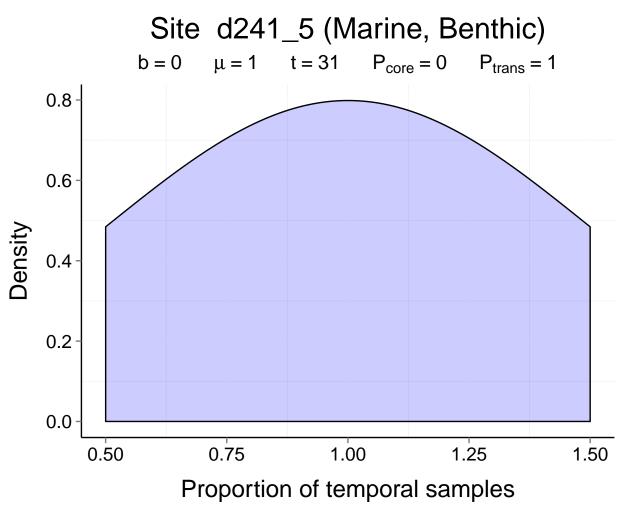


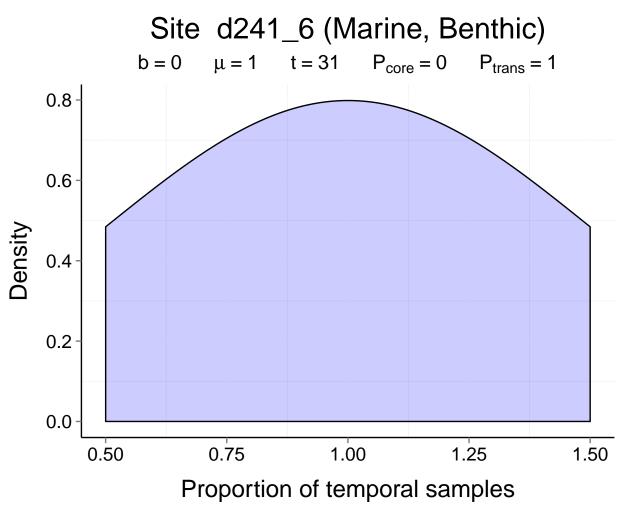


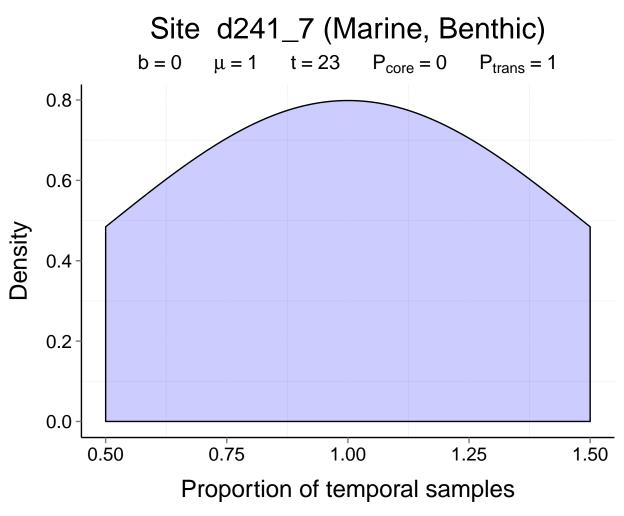




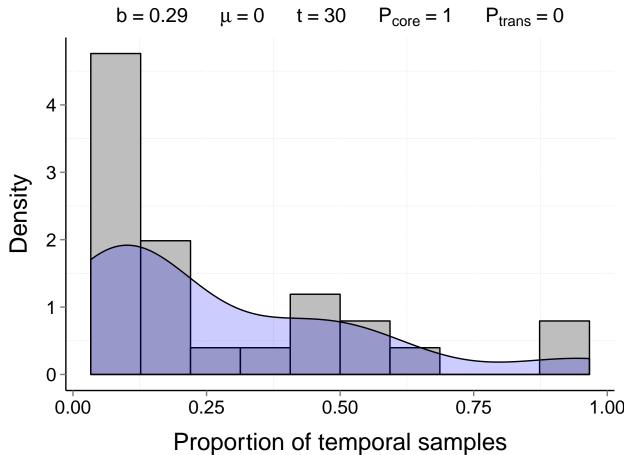






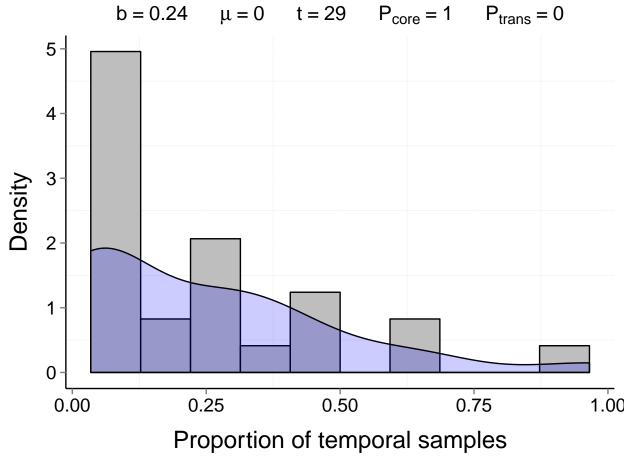


#### Site d242\_1 (Marine, Fish)

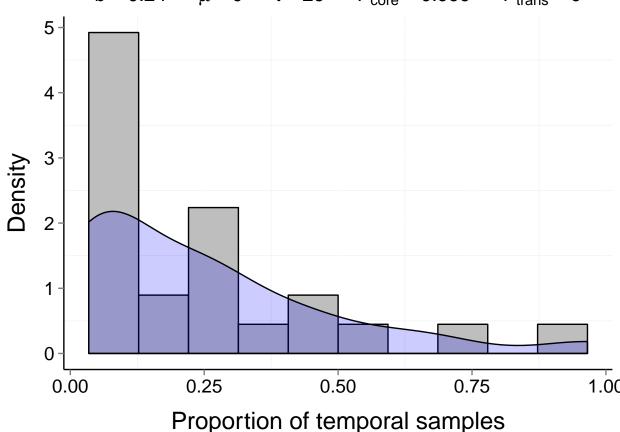


## Site d242\_6 (Marine, Fish) b = 0.42 $\mu = 0$ t = 30 $P_{core} = 0.971$ $P_{trans} = 0.045$ 3 Density 0 0.25 0.50 1.00 0.75 0.00 Proportion of temporal samples

#### Site d242\_2 (Marine, Fish)

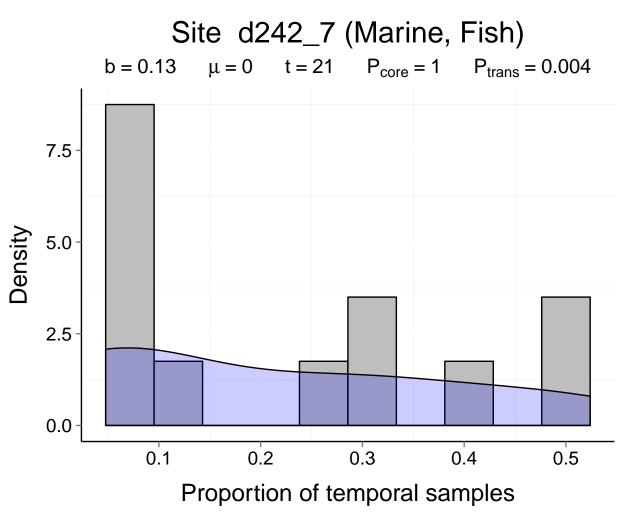


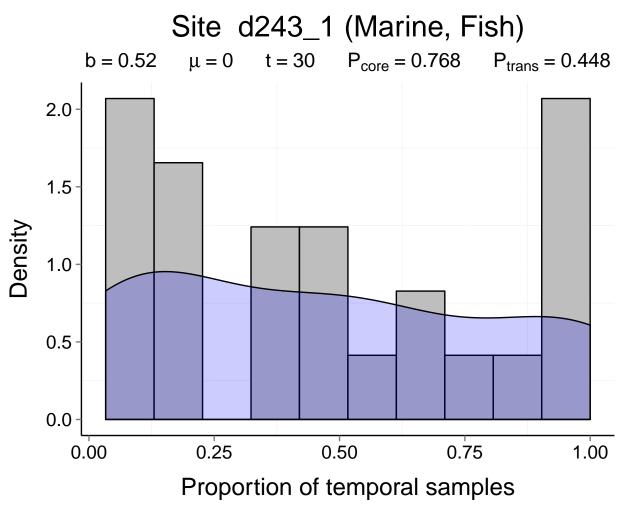
## Site d242\_3 (Marine, Fish) b = 0.24 $\mu = 0$ t = 29 $P_{core} = 0.999$ $P_{trans} = 0$

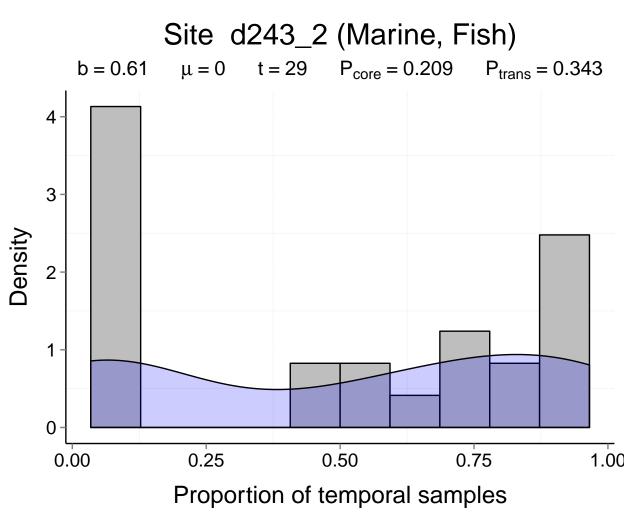


## Site d242\_4 (Marine, Fish) b = 0.47 $\mu = 0$ t = 29 $P_{core} = 0.838$ $P_{trans} = 0.013$ 4 ¬ 3 **Density** 0 0.25 0.50 1.00 0.75 0.00 Proportion of temporal samples

## Site d242\_5 (Marine, Fish) b = 0.47 $\mu = 0$ t = 29 $P_{core} = 0.768$ $P_{trans} = 0.086$ 3 **Density** 2 0 0.25 1.00 0.50 0.75 0.00 Proportion of temporal samples







## Site d243\_3 (Marine, Fish) $\mu = 0$ t = 29 $P_{core} = 0.301$ $P_{trans} = 0.097$ b = 0.65**Density** 2 0 0.25 0.50 1.00 0.75 0.00 Proportion of temporal samples

## Site d243\_5 (Marine, Fish) $\mu = 1$ t = 29 $P_{core} = 0.02$ $P_{trans} = 0.301$ b = 0.765 4 3 **Density** 2 0

Proportion of temporal samples

0.75

0.50

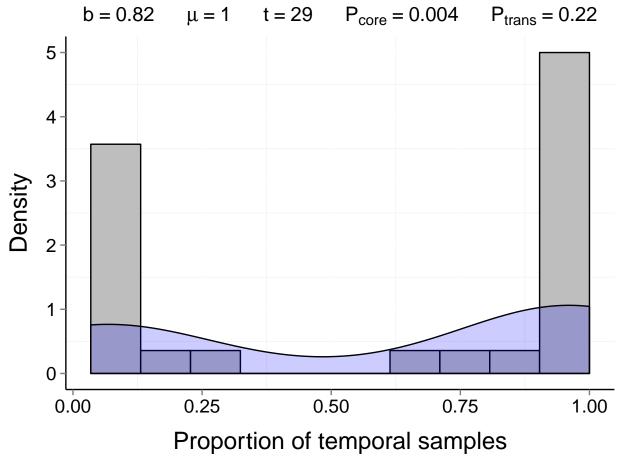
1.00

0.25

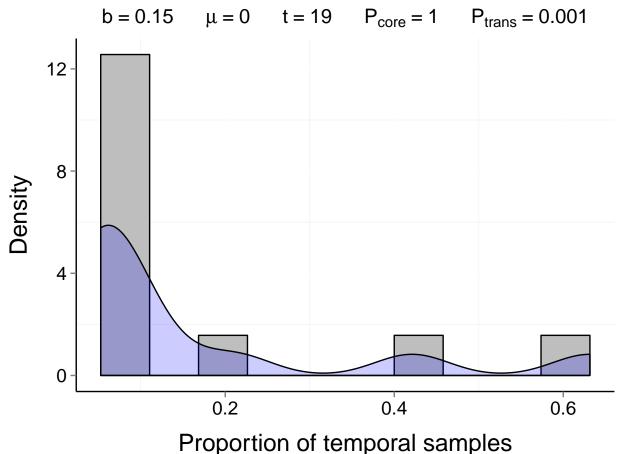
0.00

## Site d243\_6 (Marine, Fish) b = 0.64 $\mu = 1$ t = 30 $P_{core} = 0.054$ $P_{trans} = 0.666$ 3 Density 0 0.25 0.50 1.00 0.75 0.00 Proportion of temporal samples

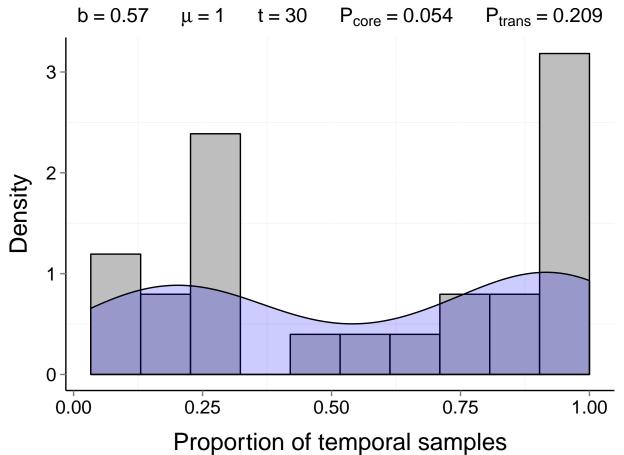
#### Site d243\_4 (Marine, Fish)



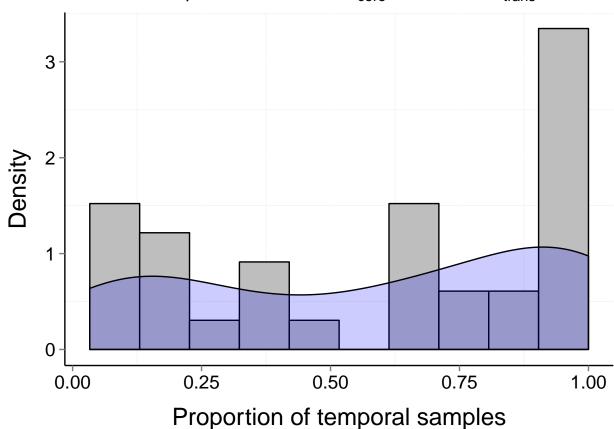
#### Site d243\_7 (Marine, Fish)



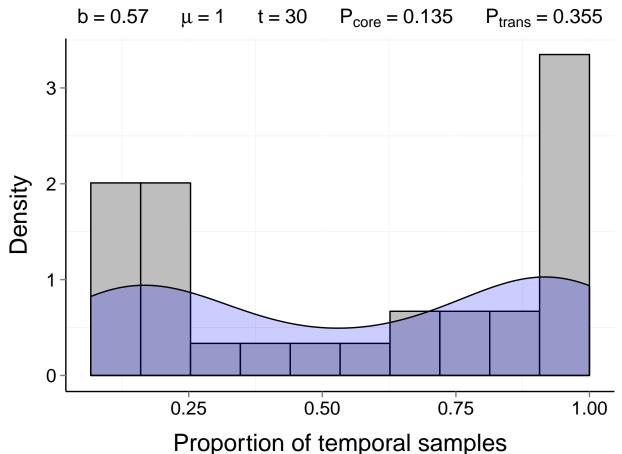
#### Site d244\_2 (Marine, Benthic)



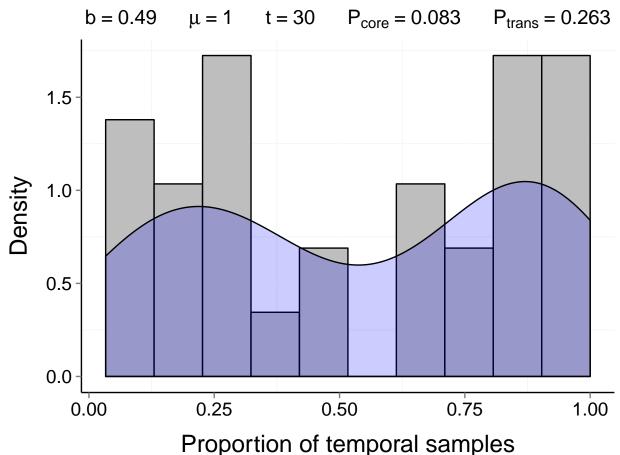
## Site d244\_6 (Marine, Benthic) b = 0.54 $\mu = 1$ t = 30 $P_{core} = 0.062$ $P_{trans} = 0.73$



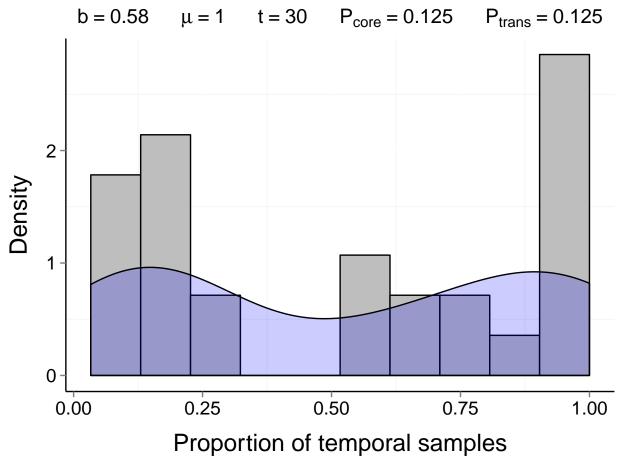
#### Site d244\_7 (Marine, Benthic)



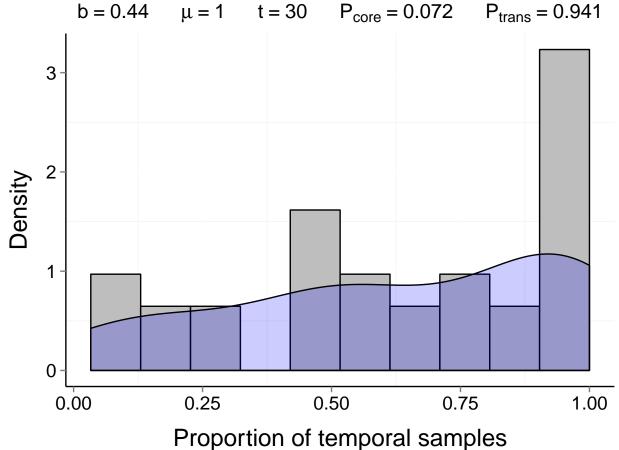
#### Site d244\_8 (Marine, Benthic)



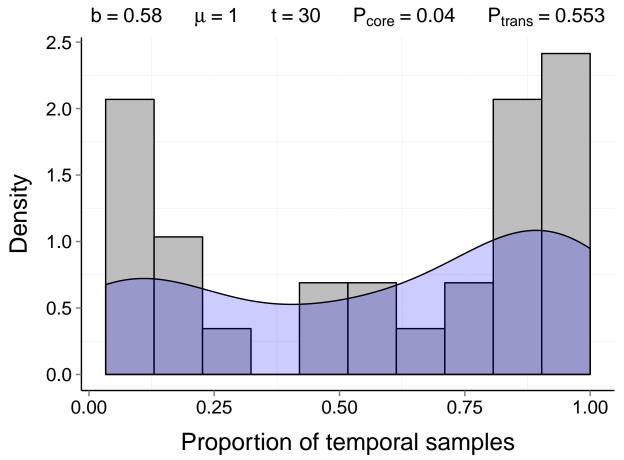
#### Site d244\_9 (Marine, Benthic)



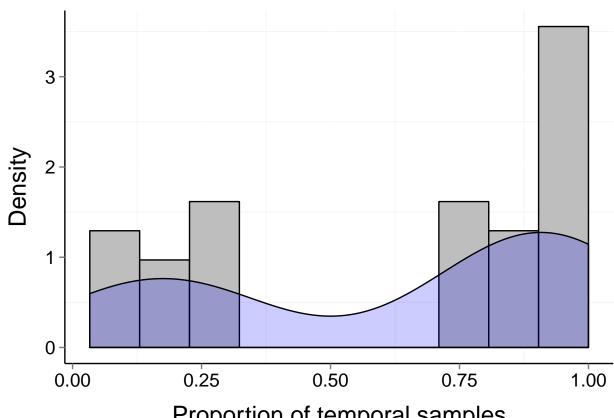
## Site d244\_11 (Marine, Benthic)



#### Site d244\_12 (Marine, Benthic)

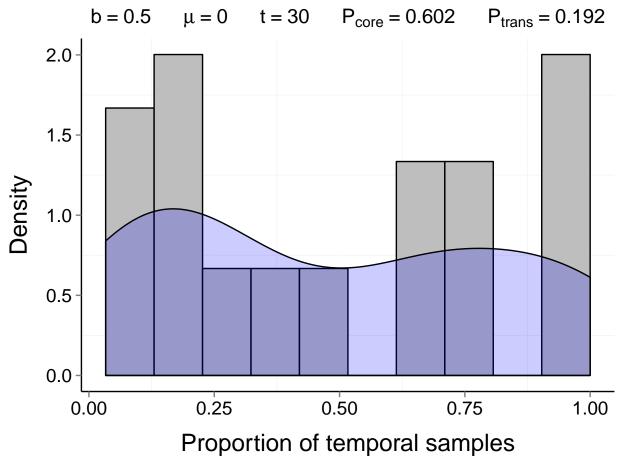


## Site d244\_13 (Marine, Benthic) $\mu = 1$ t = 30 $P_{core} = 0.001$ $P_{trans} = 0.355$ b = 0.57

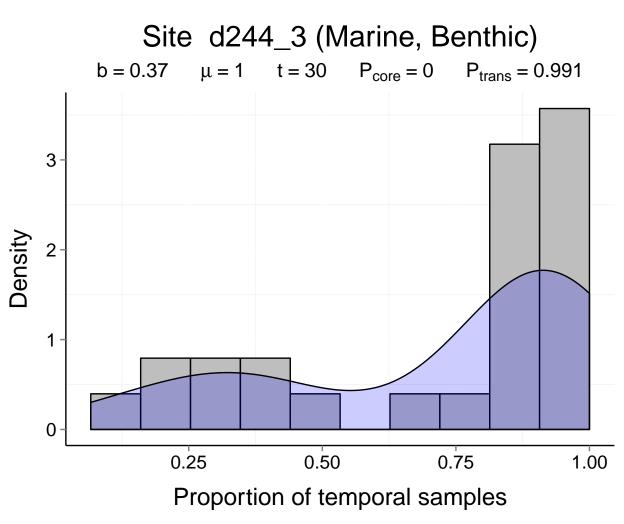


Proportion of temporal samples

#### Site d244\_15 (Marine, Benthic)

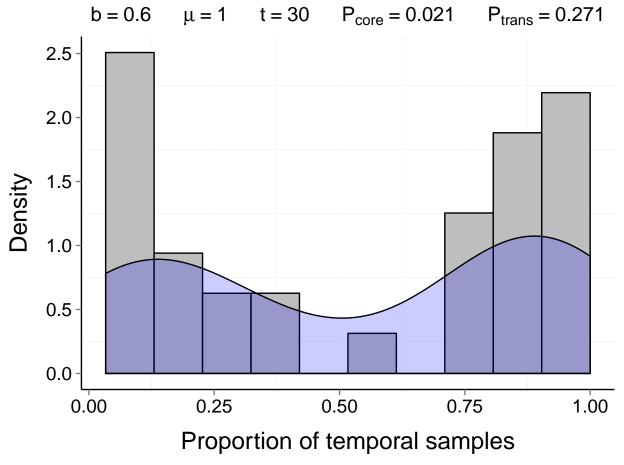


## Site d244\_1 (Marine, Benthic) $\mu = 1$ t = 30 $P_{core} = 0.011$ $P_{trans} = 0.656$ b = 0.583 **Density** 0 0.25 0.50 1.00 0.75 0.00 Proportion of temporal samples

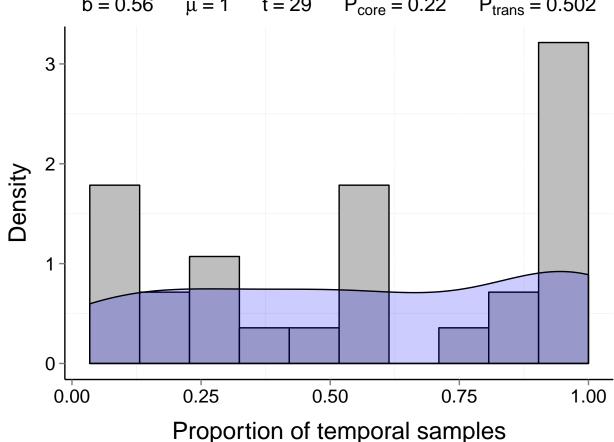


#### Site d244\_4 (Marine, Benthic) b = 0.53 $\mu = 1$ t = 30 $P_{core} = 0$ $P_{trans} = 0.91$ 5 4 Density 3 2 0 0.25 0.50 1.00 0.75 0.00 Proportion of temporal samples

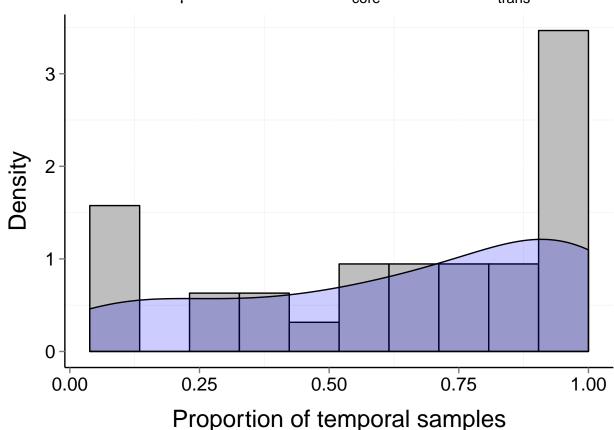
#### Site d244\_14 (Marine, Benthic)



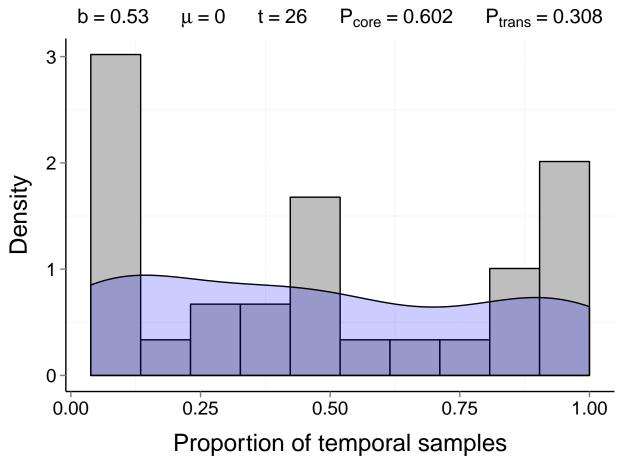
#### Site d244\_5 (Marine, Benthic) b = 0.56 $\mu = 1$ t = 29 $P_{core} = 0.22$ $P_{trans} = 0.502$

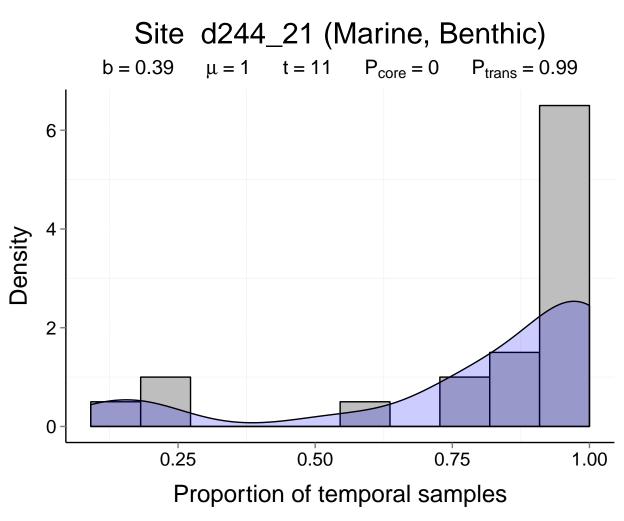


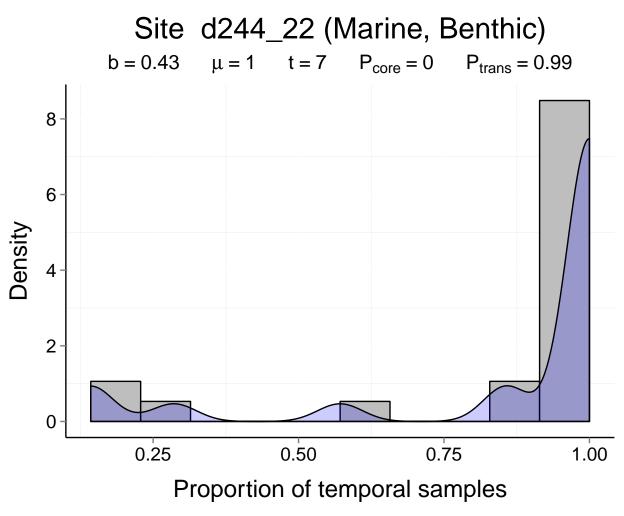
# Site d244\_10 (Marine, Benthic) b = 0.47 $\mu = 1$ t = 26 $P_{core} = 0.009$ $P_{trans} = 0.953$

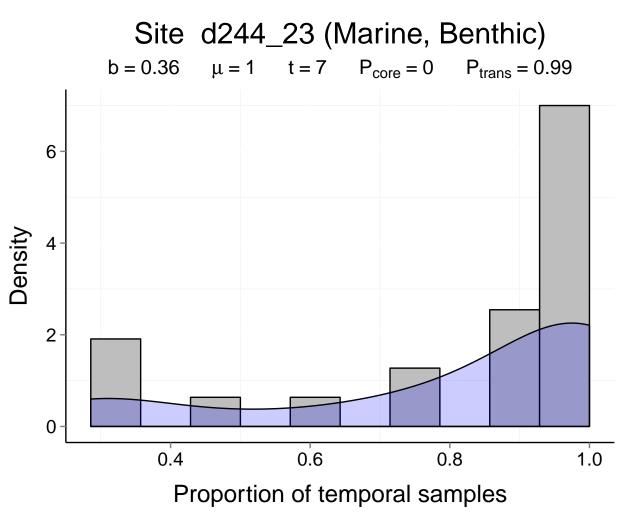


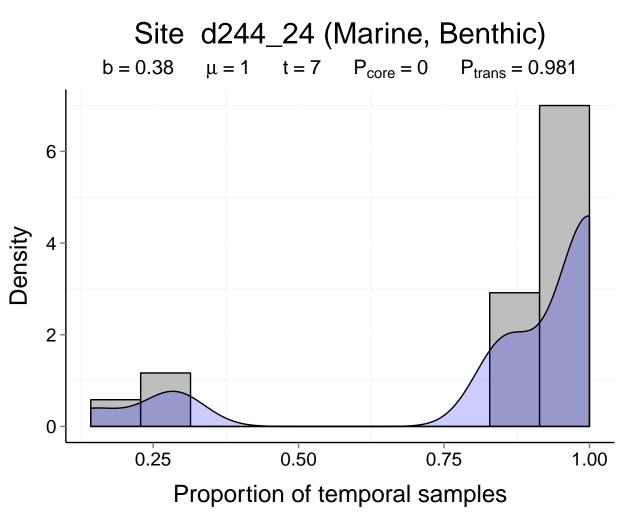
#### Site d244\_16 (Marine, Benthic)

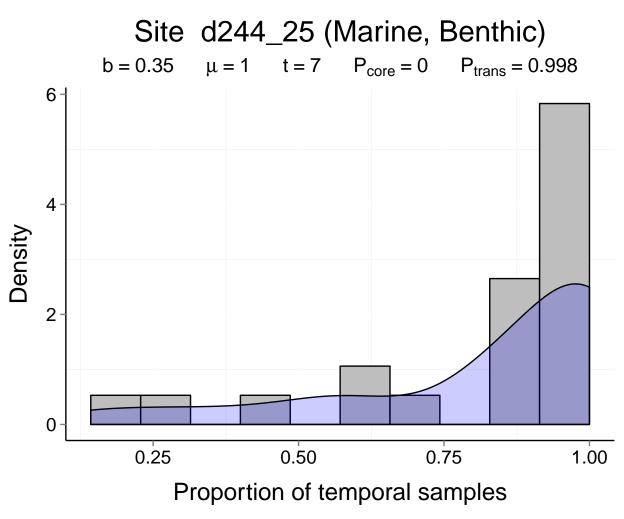


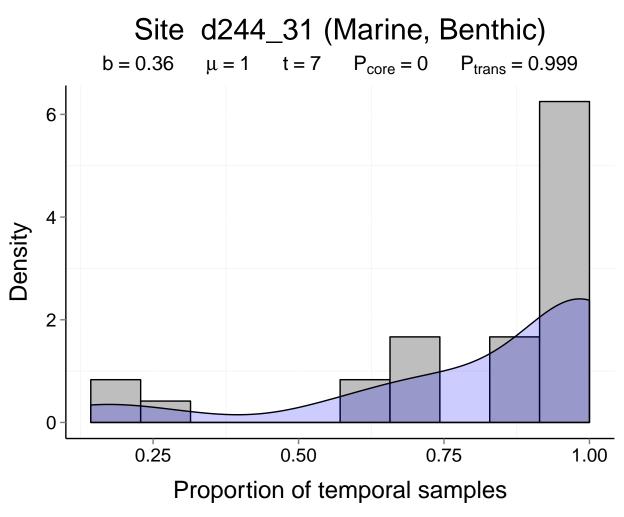


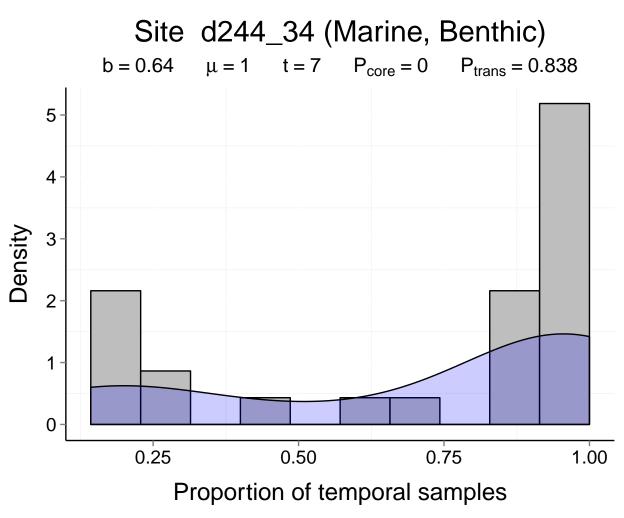


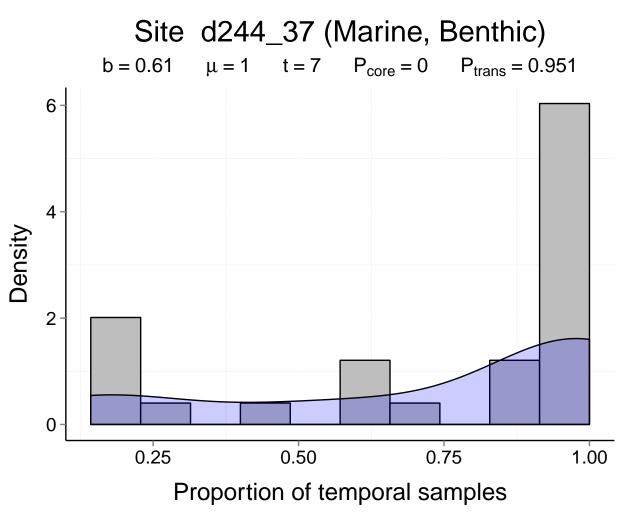


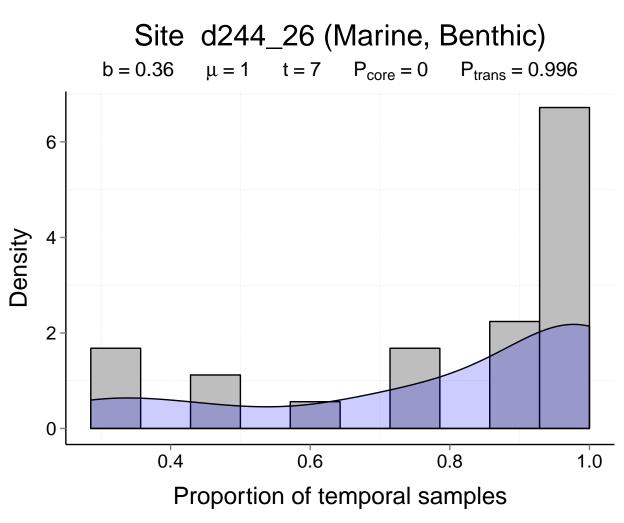


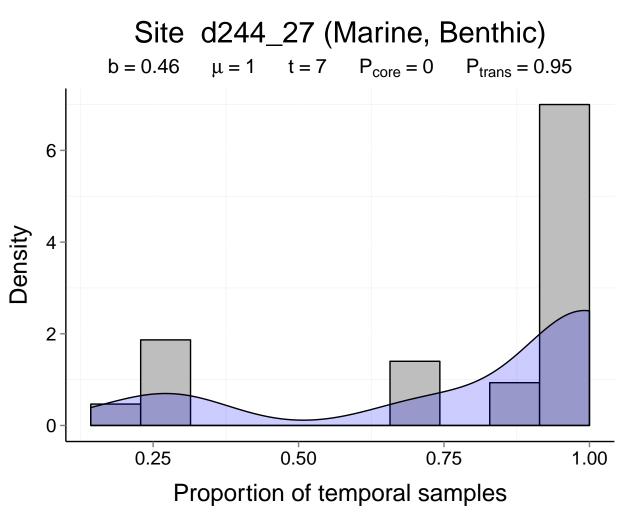












# Site d244\_28 (Marine, Benthic) b = 0.51 $\mu = 1$ t = 7 $P_{core} = 0.006$ $P_{trans} = 0.823$

4

3

2

0

0.25

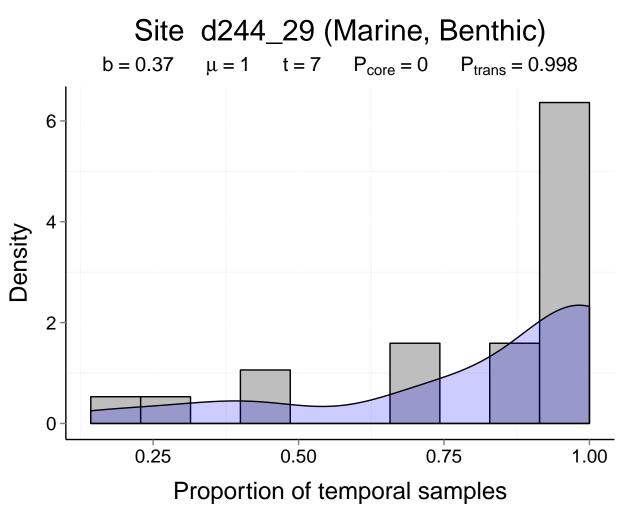
Density

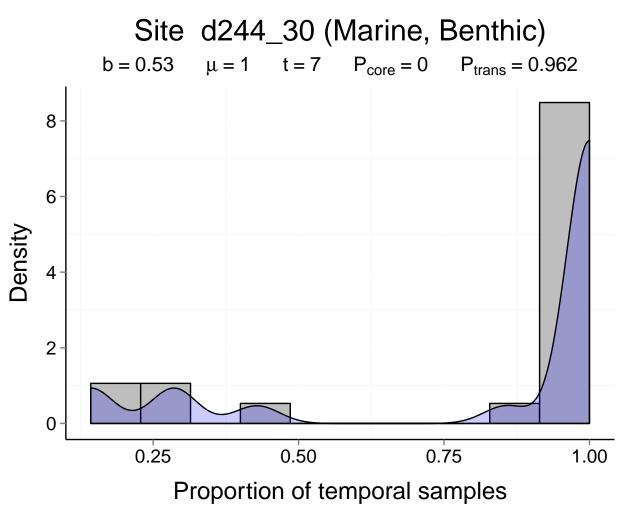
Proportion of temporal samples

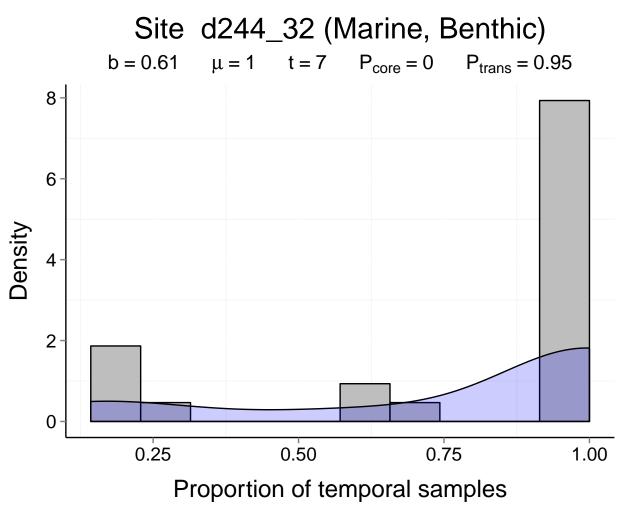
0.75

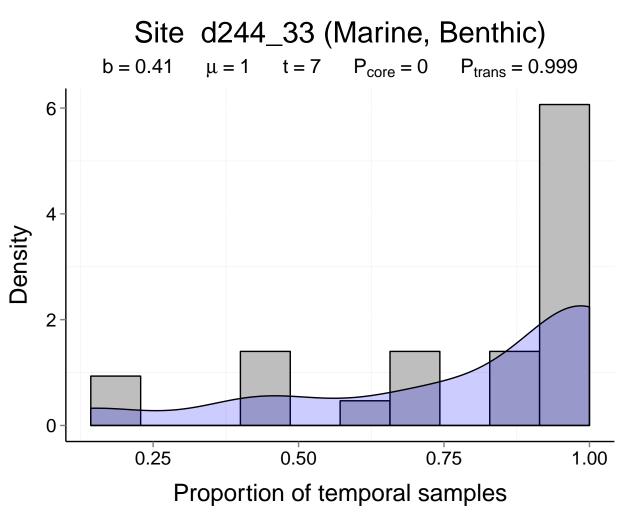
1.00

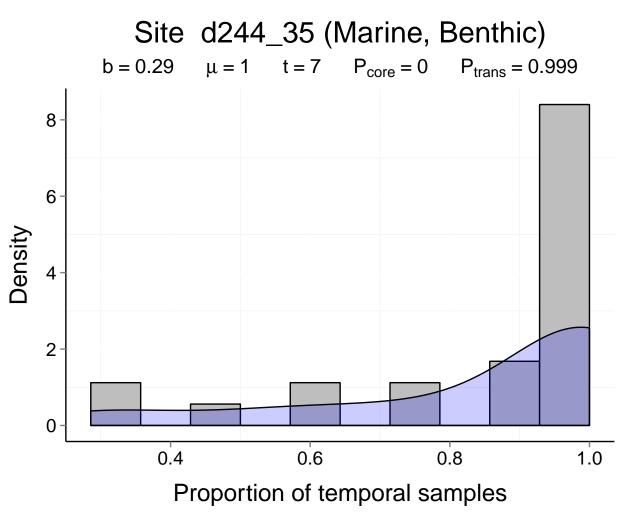
0.50

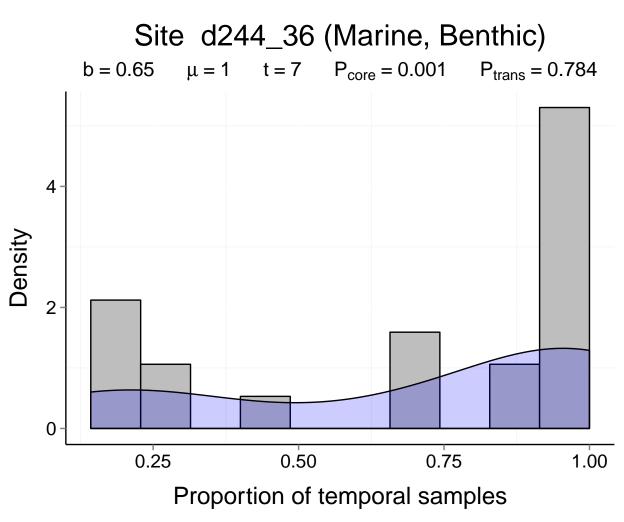












# Site d246\_2 (Marine, Fish) $\mu = 1$ t = 9 $P_{core} = 0.035$ $P_{trans} = 0.927$ b = 0.583-

Density

0

0.25

Proportion of temporal samples

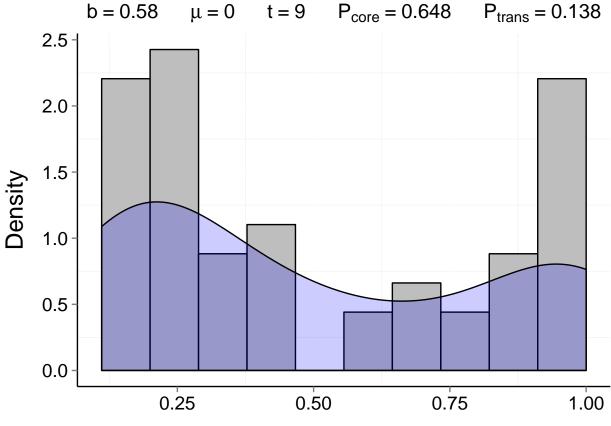
0.75

0.50

1.00

# Site d246\_4 (Marine, Fish) b = 0.63 $\mu = 1$ t = 9 $P_{core} = 0.039$ $P_{trans} = 0.857$ 3 **Density** 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

#### Site d246\_8 (Marine, Fish) $\mu = 0$ t = 9 $P_{core} = 0.648$ $P_{tran}$



## Site d246\_9 (Marine, Fish) $\mu = 0$ t = 9 $P_{core} = 0.568$ $P_{trans} = 0.168$ b = 0.683 **Density** 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

#### Site d246\_10 (Marine, Fish) $\mu = 0$ t = 9 $P_{core} = 0.453$ $P_{trans} = 0.156$ b = 0.593 **Density** 2 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

# Site d246\_11 (Marine, Fish) b = 0.63 $\mu = 1$ t = 9 $P_{core} = 0.495$ $P_{trans} = 0.103$ Density 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

#### Site d246\_12 (Marine, Fish) $\mu = 1$ t = 9 $P_{core} = 0.149$ $P_{trans} = 0.231$ b = 0.683 **Density** 2 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

# Site d246\_13 (Marine, Fish) b = 0.66 $\mu = 1$ t = 9 $P_{core} = 0.116$ $P_{trans} = 0.612$ 3 Density 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

## Site d246\_14 (Marine, Fish) $\mu = 0$ t = 9 $P_{core} = 0.994$ $P_{trans} = 0.007$ b = 0.443 Density 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

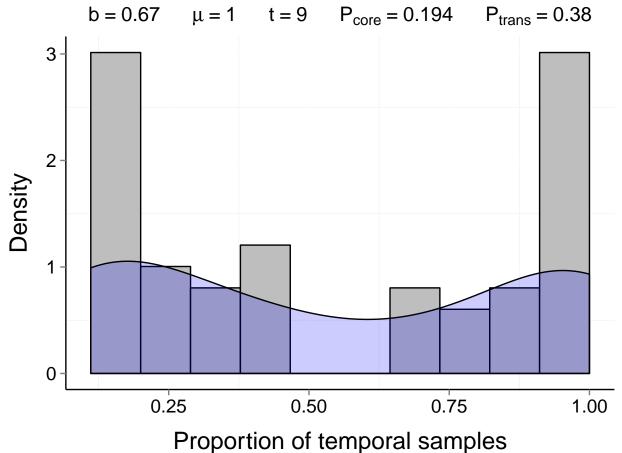
# Site d246\_15 (Marine, Fish) b = 0.63 $\mu = 0$ t = 9 $P_{core} = 0.703$ $P_{trans} = 0.01$ Density 0 0.25 0.50 1.00 0.75

## Site d246\_16 (Marine, Fish) $\mu = 0$ t = 9 $P_{core} = 0.95$ $P_{trans} = 0.014$ b = 0.563 **Density** 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

## Site d246\_5 (Marine, Fish) $\mu = 1$ t = 9 $P_{core} = 0.301$ $P_{trans} = 0.413$ b = 0.633 Density 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

#### Site d246\_6 (Marine, Fish) b = 0.67 $\mu = 1$ t = 9 $P_{core} = 0.017$ $P_{trans} = 0.667$ 4 -3 **Density** 2 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

#### Site d246\_7 (Marine, Fish)



# Site d246\_1 (Marine, Fish) b = 0.66 $\mu = 1$ t = 9 $P_{core} = 0.05$ $P_{trans} = 0.578$ 3-Density 0 0.25 0.50 1.00 0.75

# Site d246\_3 (Marine, Fish) $\mu = 1$ t = 9 $P_{core} = 0.069$ $P_{trans} = 0.722$ b = 0.66

3-

Density

0

0.25

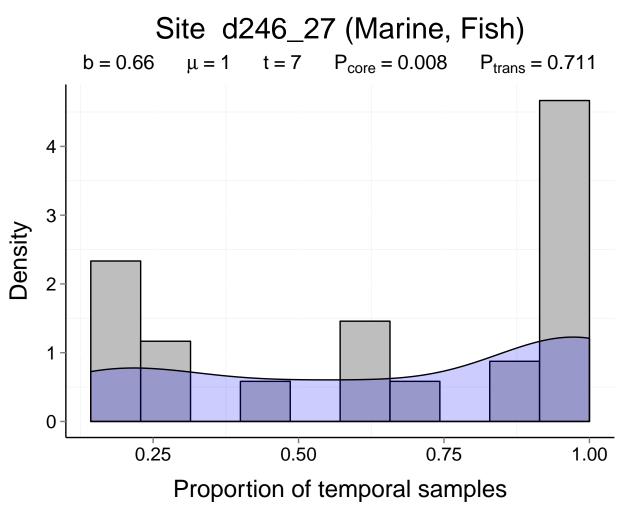
Proportion of temporal samples

0.75

0.50

1.00

# Site d246\_26 (Marine, Fish) b = 0.77 $\mu = 1$ t = 7 $P_{core} = 0.109$ $P_{trans} = 0.034$ 3 **Density** 0 0.25 0.50 1.00 0.75 Proportion of temporal samples



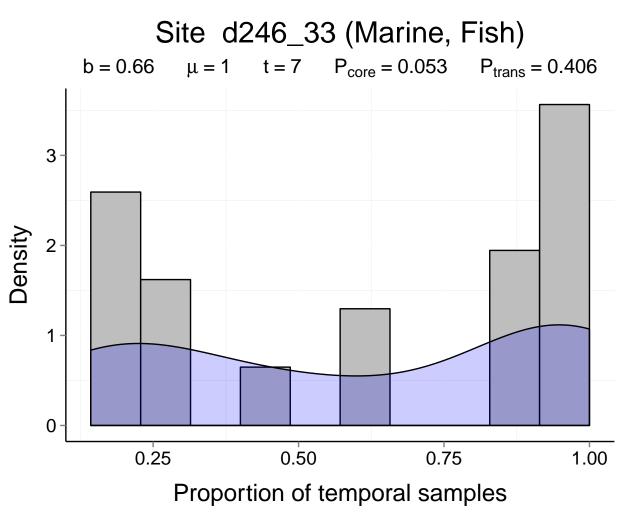
# Site d246\_28 (Marine, Fish) b = 0.68 $\mu = 1$ t = 7 $P_{core} = 0.102$ $P_{trans} = 0.06$ 3 **Density** 0 0.25 0.50 0.75 1.00

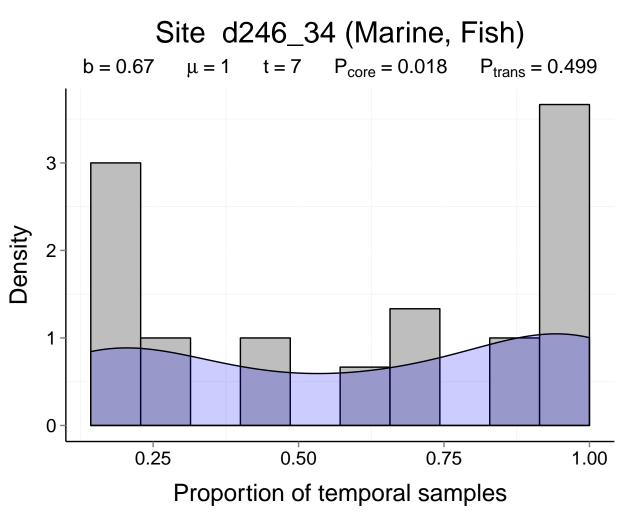
## Site d246\_29 (Marine, Fish) $\mu = 1$ t = 7 $P_{core} = 0.035$ $P_{trans} = 0.291$ b = 0.73 Density 0 0.25 0.50 0.75 1.00 Proportion of temporal samples

## Site d246\_30 (Marine, Fish) b = 0.59 $\mu = 1$ t = 7 $P_{core} = 0.01$ $P_{trans} = 0.602$ 3 **Density** 2 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

#### Site d246\_31 (Marine, Fish) b = 0.54 $\mu = 1$ t = 7 $P_{core} = 0.034$ $P_{trans} = 0.877$ 4 -3 **Density** 2 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

# Site d246\_32 (Marine, Fish) $\mu = 1$ t = 7 $P_{core} = 0.162$ $P_{trans} = 0.162$ b = 0.6**Density** 0 0.25 0.50 1.00 0.75 Proportion of temporal samples





## Site d246\_35 (Marine, Fish) $\mu = 0$ t = 7 $P_{core} = 0.711$ $P_{trans} = 0.001$ b = 0.563 Density 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

# Site d246\_36 (Marine, Fish) $\mu = 0$ t = 7 $P_{core} = 0.977$ $P_{trans} = 0.001$ b = 0.34Density 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

#### Site d246\_37 (Marine, Fish) $\mu = 1$ t = 7 $P_{core} = 0.162$ $P_{trans} = 0.052$ b = 0.674 -3 **Density** 2 0 0.25 0.50 1.00 0.75

Proportion of temporal samples

## Site d246\_22 (Marine, Fish) $\mu = 1$ t = 7 $P_{core} = 0.045$ $P_{trans} = 0.33$ b = 0.63 Density 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

## Site d246\_23 (Marine, Fish) b = 0.65 $\mu = 1$ t = 7 $P_{core} = 0.03$ $P_{trans} = 0.371$ 3 **Density** 2 0 0.25 0.50 0.75 1.00 Proportion of temporal samples

# Site d246\_24 (Marine, Fish) b = 0.48 $\mu = 1$ t = 7 $P_{core} = 0.014$ $P_{trans} = 0.936$ 3-Density 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

## Site d246\_25 (Marine, Fish) b = 0.6 $\mu = 1$ t = 7 $P_{core} = 0.003$ $P_{trans} = 0.586$ 3 2 Density 0 0.25 0.50 1.00 0.75 Proportion of temporal samples

#### Site d246\_21 (Marine, Fish) $\mu = 1$ t = 5 $P_{core} = 0.022$ $P_{trans} = 0.922$ b = 0.664 3 **Density** 2 0 0.2 1.0 0.4 0.6 8.0 Proportion of temporal samples

# Site d249\_ME (Aquatic, Fish) $\mu = 0$ t = 32 $P_{core} = 0.942$ $P_{trans} = 0.001$ b = 0.47

4

0

0.00

**Density** 

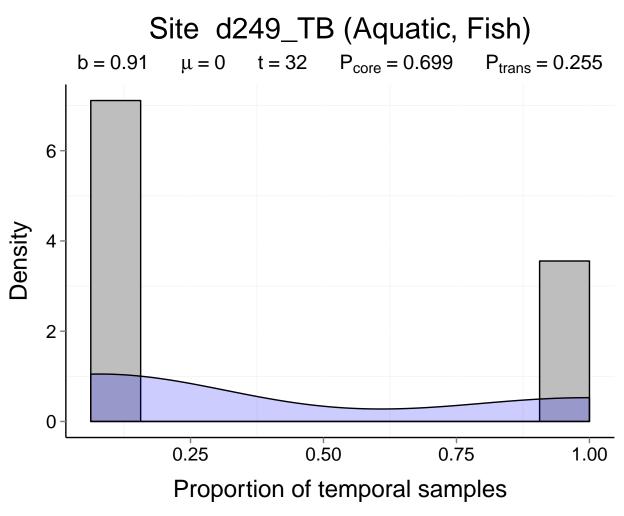
Proportion of temporal samples

0.75

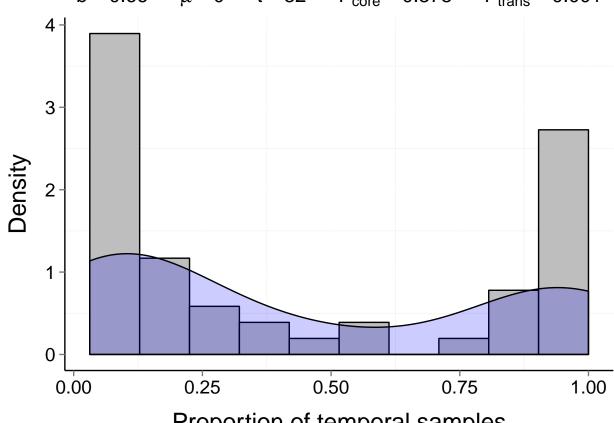
1.00

0.50

0.25

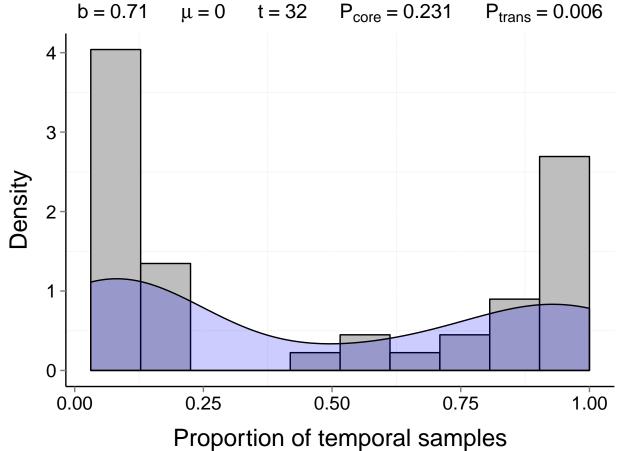


#### Site d249\_TR (Aquatic, Fish) $\mu = 0$ t = 32 $P_{core} = 0.378$ $P_{trans} = 0.001$ b = 0.66

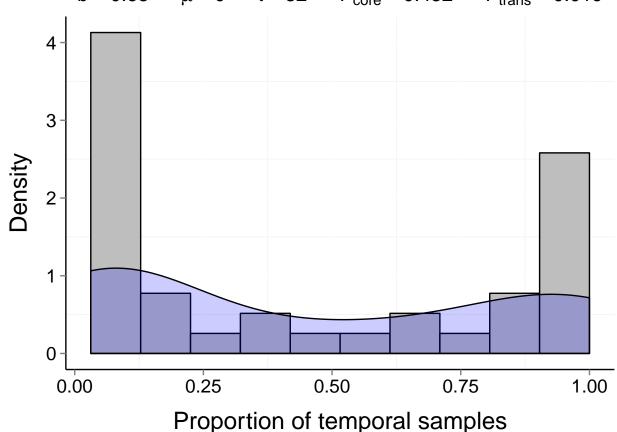


Proportion of temporal samples

#### Site d249\_AL (Aquatic, Fish)



#### Site d249\_BM (Aquatic, Fish) b = 0.68 $\mu = 0$ t = 32 $P_{core} = 0.452$ $P_{trans} = 0.019$



# Site d249\_SP (Aquatic, Fish) $\mu = 0$ t = 32 $P_{core} = 0.828$ $P_{trans} = 0.007$ b = 0.6

5

4

3

2

0

0.00

**Density** 

Proportion of temporal samples

0.75

0.50

1.00

0.25

#### 

