Preliminary figures

Francesca

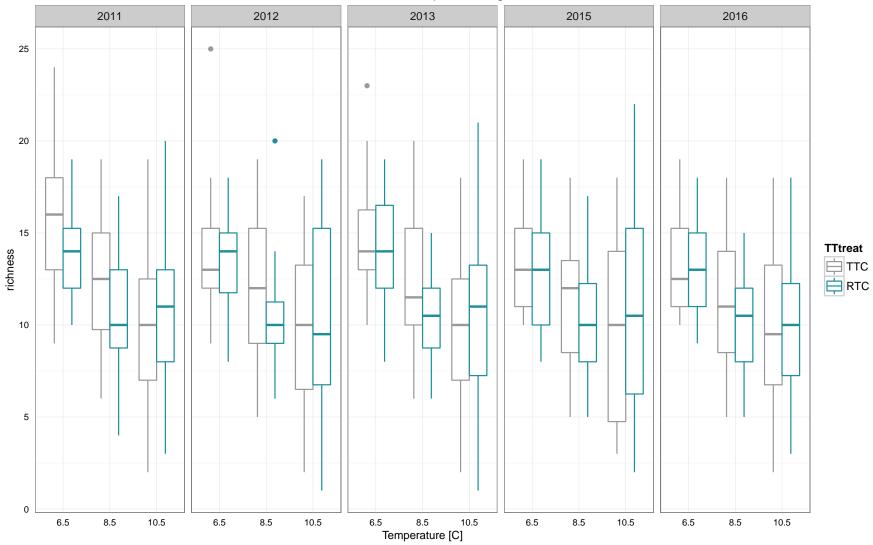
22 November 2016

```
## 'data.frame':
                  7263 obs. of 11 variables:
## $ siteID
                       : chr "Alrust" "Alrust" "Alrust" ...
## $ blockID
                       : chr "Alr1" "Alr1" "Alr1" "Alr1" ...
## $ plotID
                       : int
                            29 29 29 29 29 29 29 29 29 ...
                             "29 TTC" "29 TTC" "29 TTC" "29 TTC" ...
## $ turfID
## $ TTtreat
                             "TTC" "TTC" "TTC" "TTC" ...
                       : chr
## $ GRtreat
                       : chr NA NA NA NA ...
## $ Year
                            "Bis.viv" "Cam.rot" "Hie.pil" "Kna.arv" ...
## $ species
                       : num 4 2 10 11 3 8 12 1 2 5 ...
## $ cover
## $ Temperature_level : int 2 2 2 2 2 2 2 2 2 2 ...
## $ Precipitation_level: int 1 1 1 1 1 1 1 1 1 ...
## [1] "Alr5RTC"
## [1] "Ves4RTC"
## [1] "Arh5RTC"
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## [1] "Ovs4RTC"
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## [1] "Ram5RTC"
```

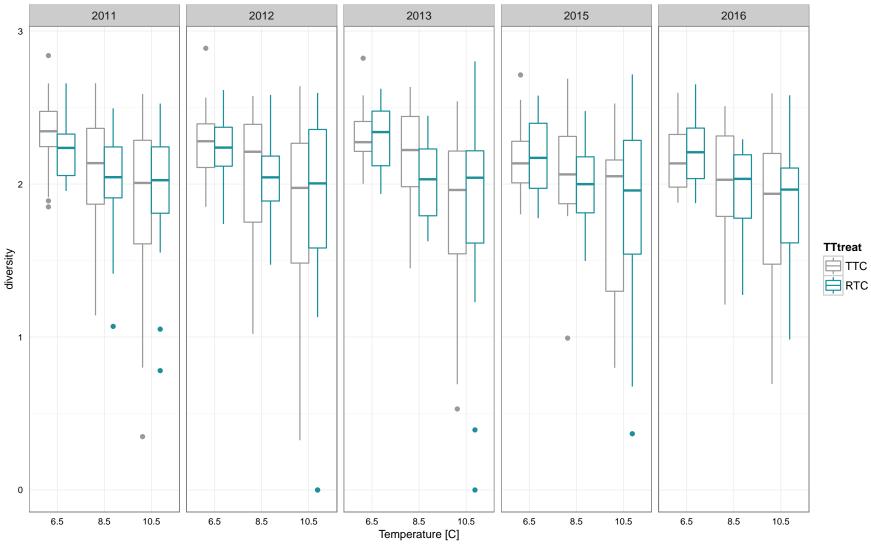
[1] "Ram5RTC"

[1] "Ram5RTC"

richness across temperature gradient

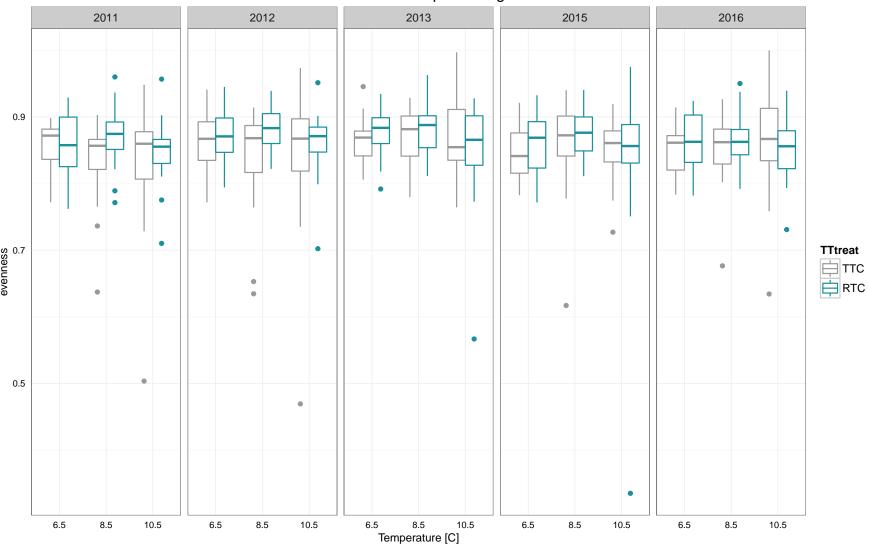


diversity across temperature gradient

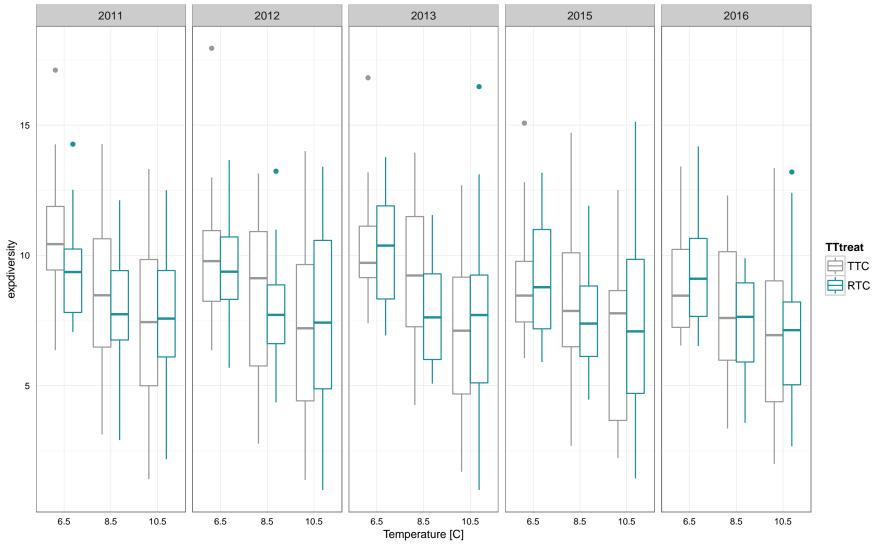


Warning: Removed 3 rows containing non-finite values (stat_boxplot).

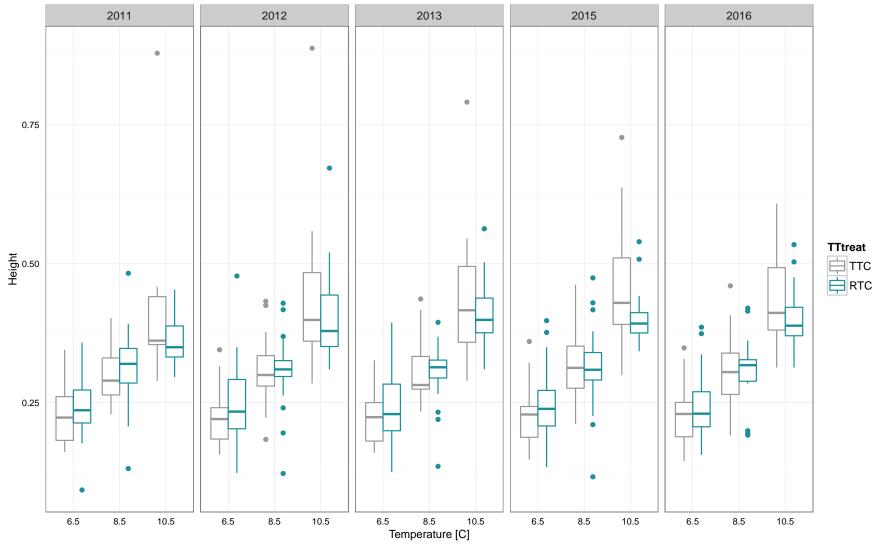
evenness across temperature gradient



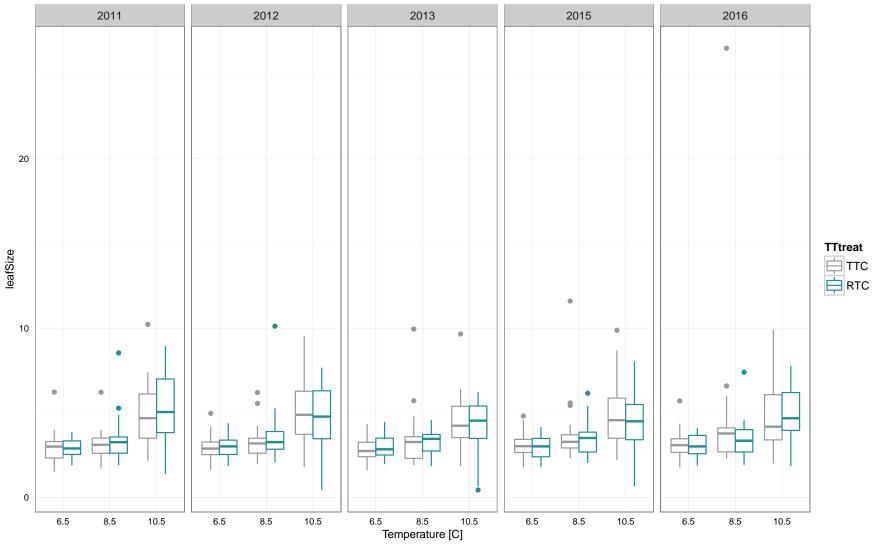
expdiversity across temperature gradient



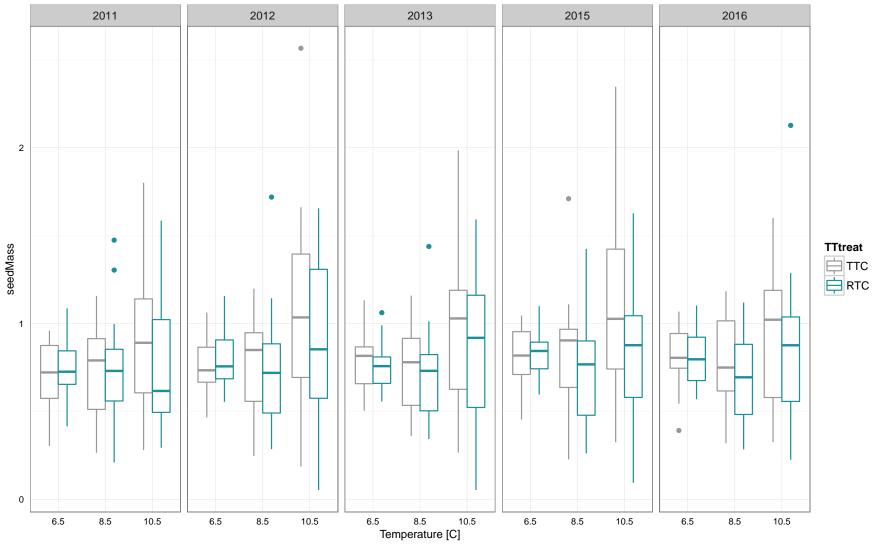
Height across temperature gradient



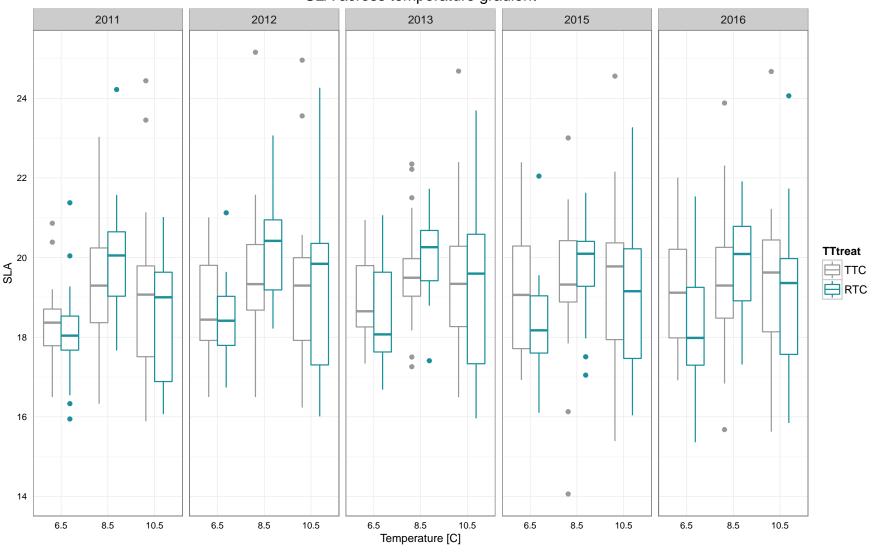
leafSize across temperature gradient



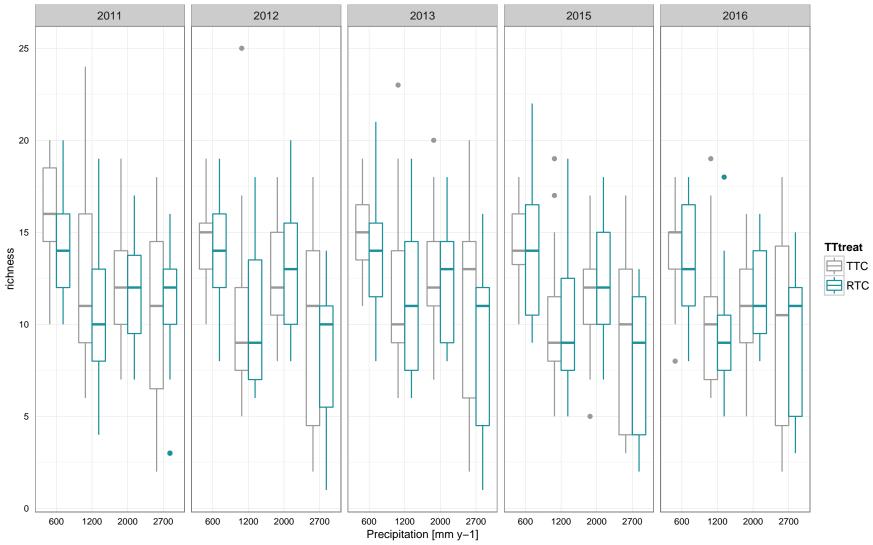
seedMass across temperature gradient



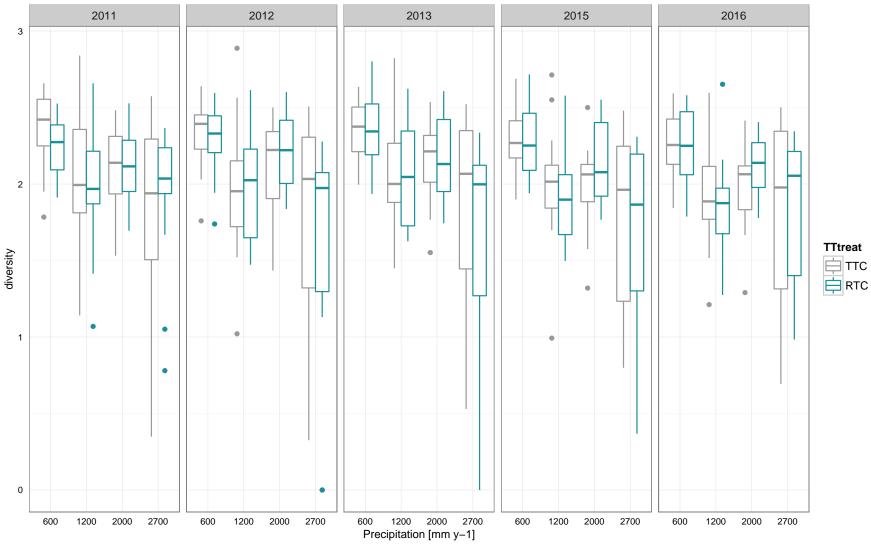
SLA across temperature gradient



richness across precipitation gradient

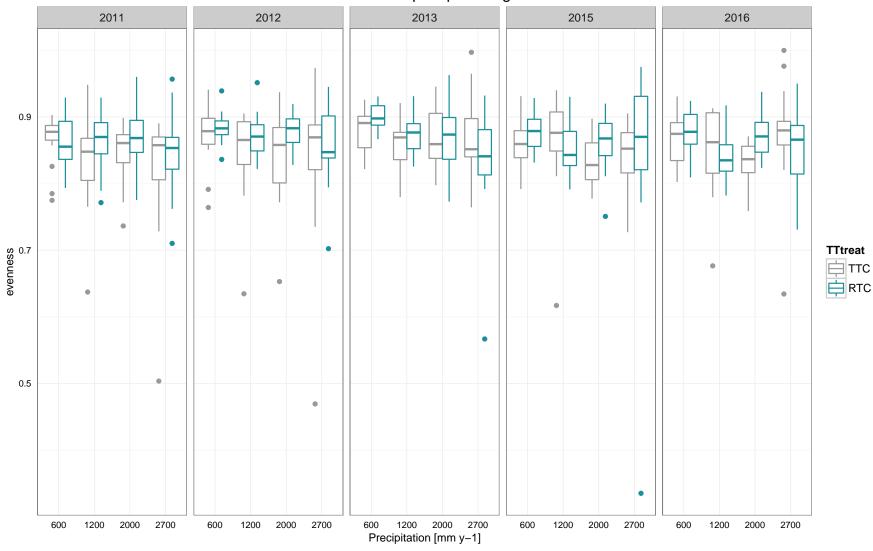


diversity across precipitation gradient

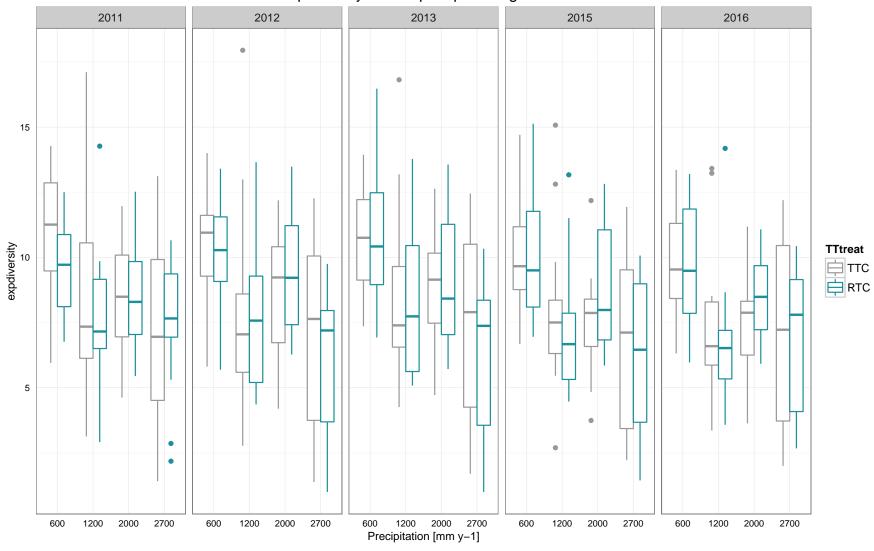


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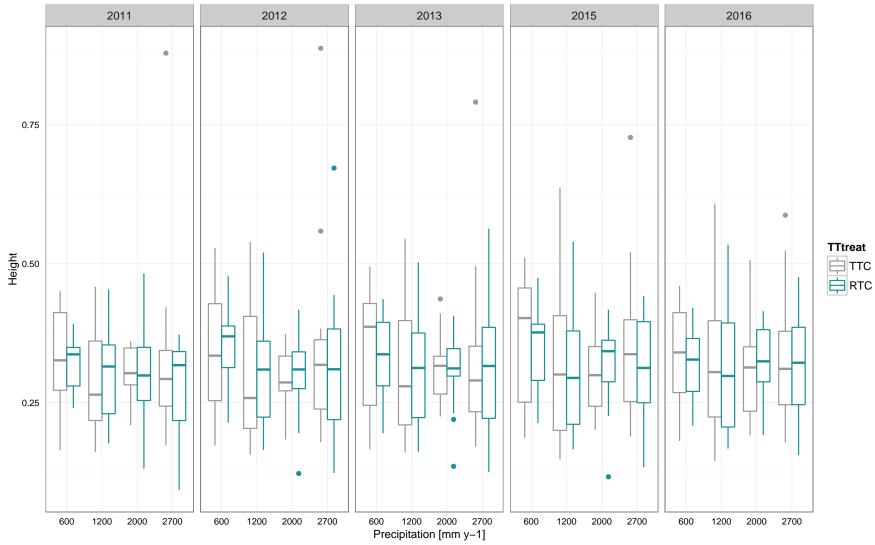
evenness across precipitation gradient



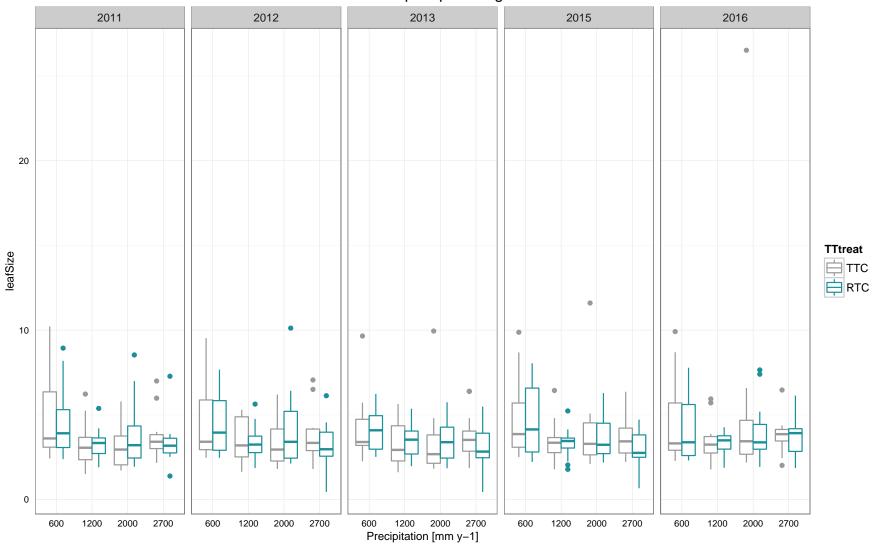
expdiversity across precipitation gradient



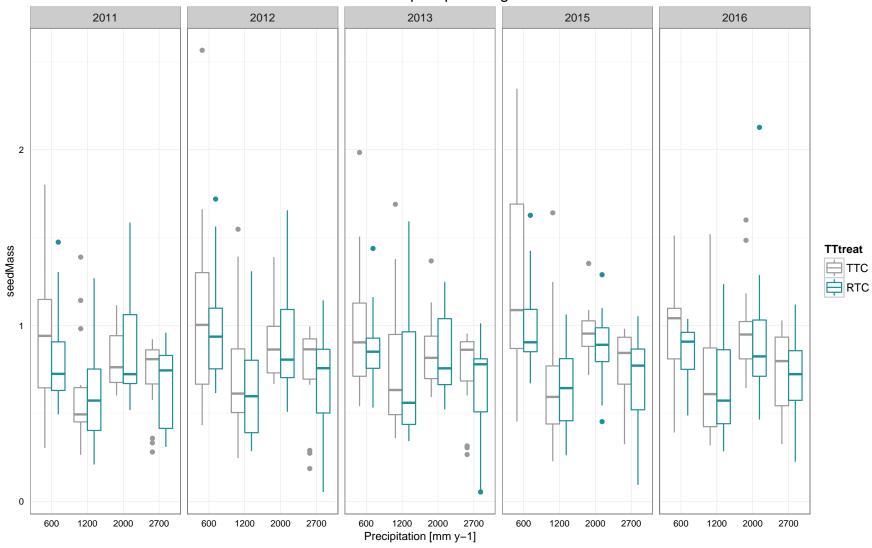
Height across precipitation gradient



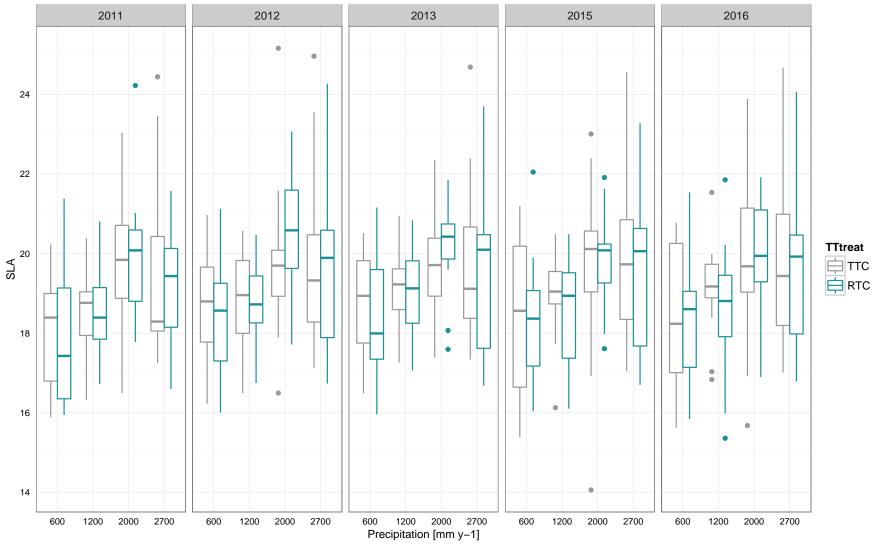
leafSize across precipitation gradient



seedMass across precipitation gradient

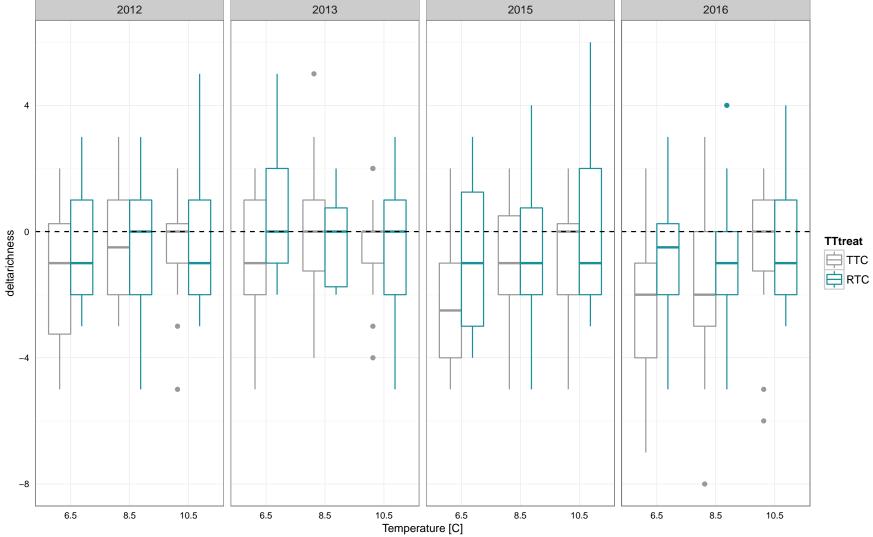


SLA across precipitation gradient



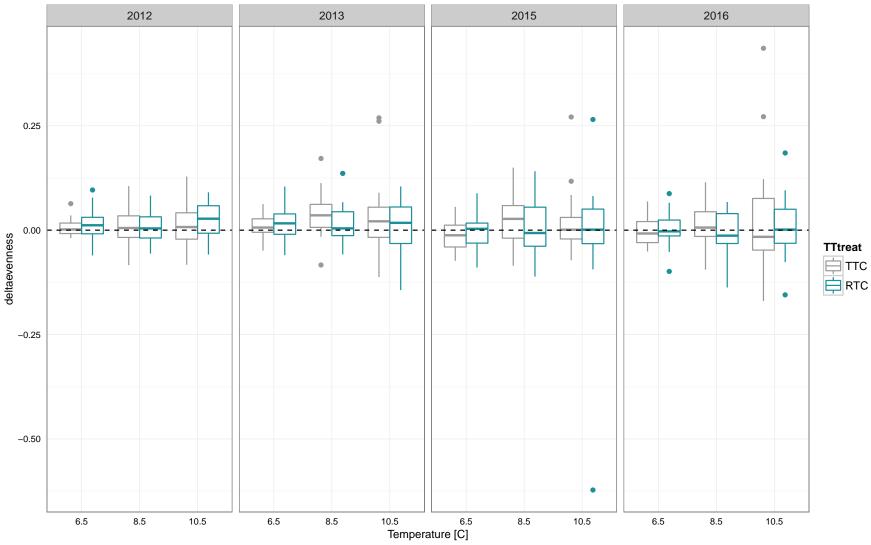
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deltarichness across temperature gradient



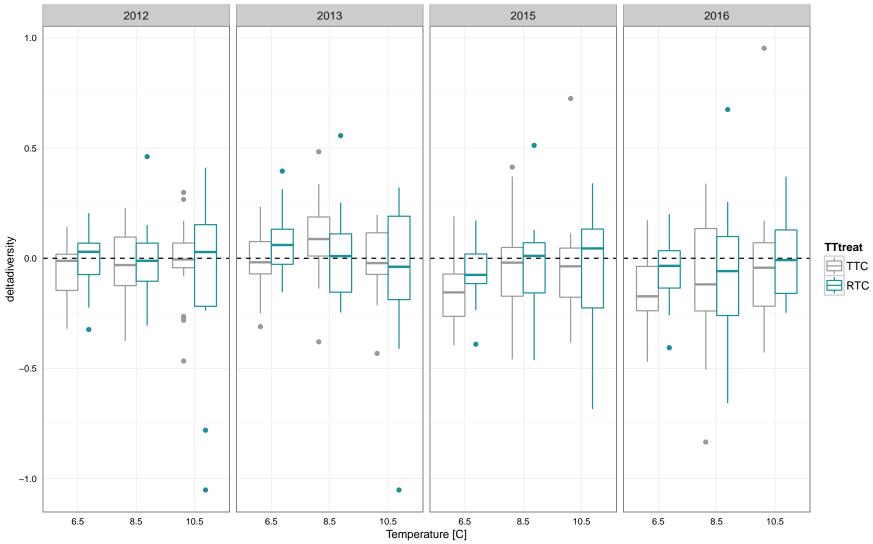
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deltaevenness across temperature gradient



Warning: Removed 20 rows containing non-finite values (stat_boxplot).

deltadiversity across temperature gradient



Warning: Removed 20 rows containing non-finite values (stat_boxplot).

deltaHeight across temperature gradient 2012 2013 2015 2016 0.3 0.2 0.1 deltaHeight TTtreat TTC RTC -0.1

Warning: Removed 20 rows containing non-finite values (stat_boxplot).

6.5

8.5

-0.2

-0.3

6.5

8.5

10.5

10.5 6.5 Temperature [C]

6.5

8.5

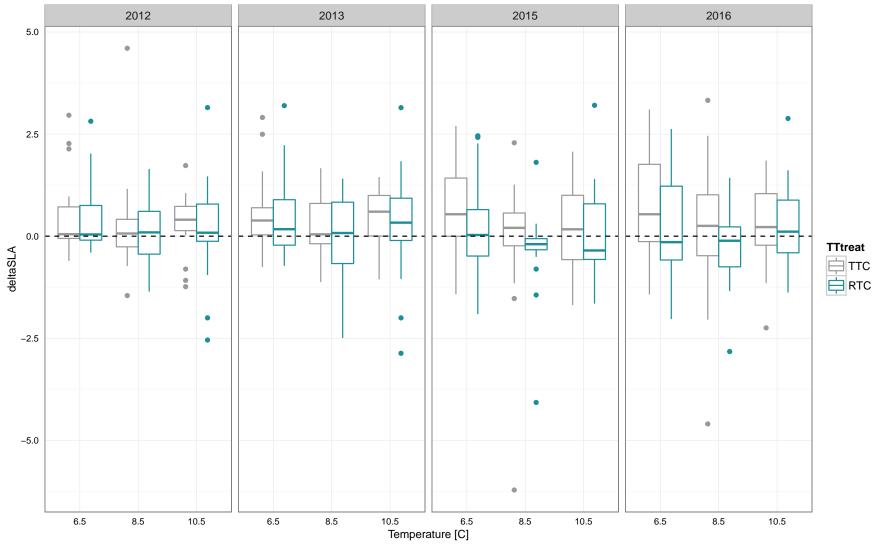
10.5

6.5

8.5

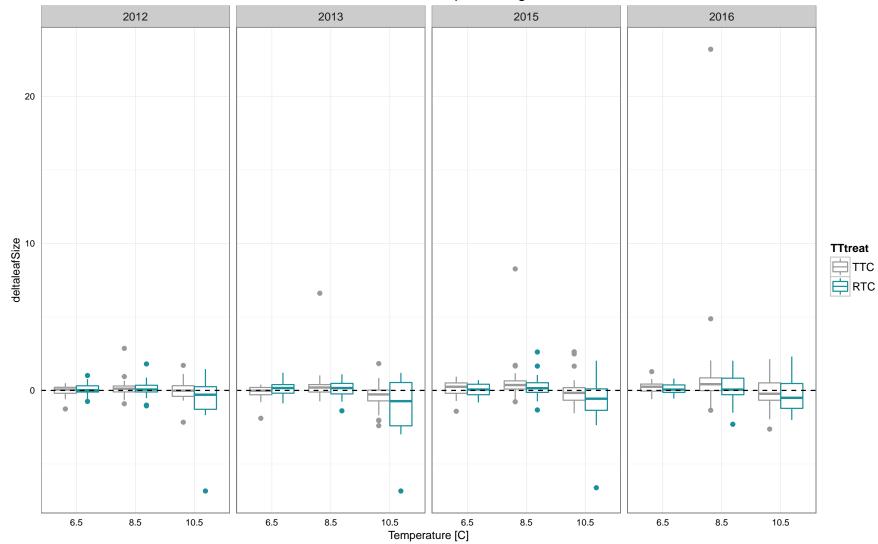
10.5

deltaSLA across temperature gradient



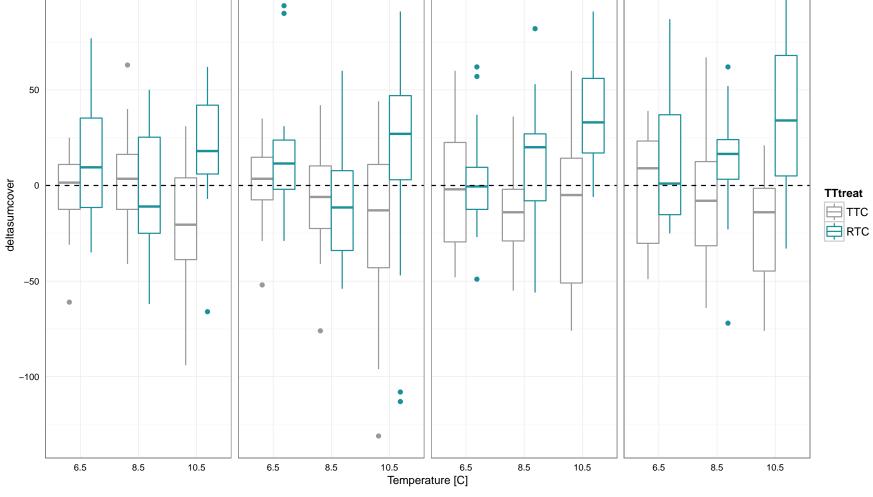
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deltaleafSize across temperature gradient



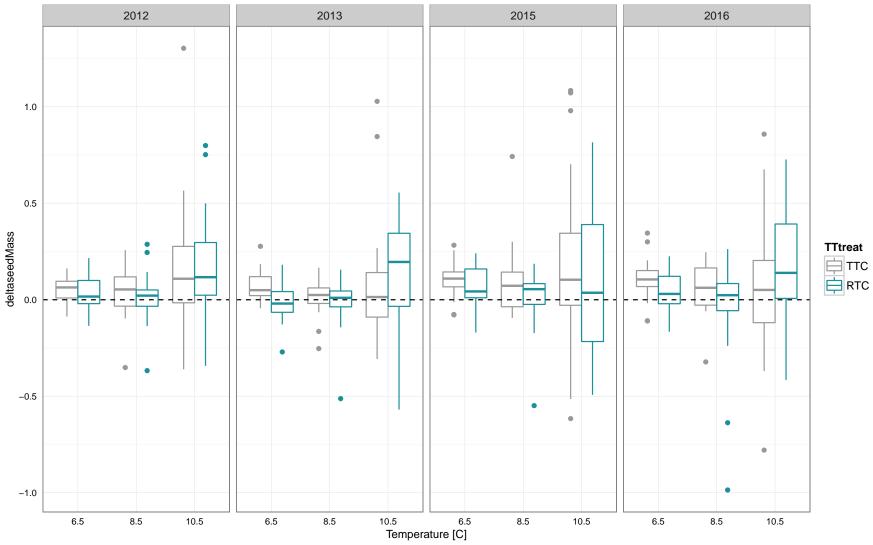
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deltasumcover across temperature gradient



Warning: Removed 20 rows containing non-finite values (stat_boxplot).

deltaseedMass across temperature gradient



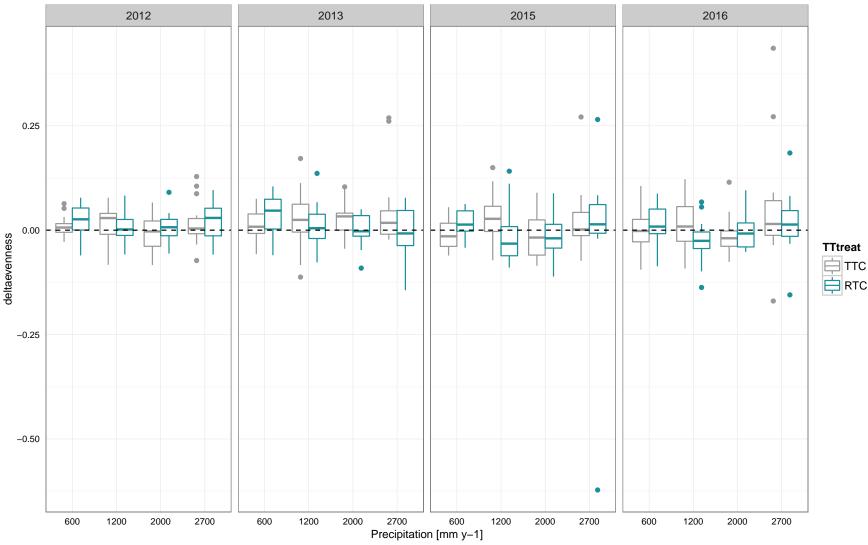
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deltarichness across precipitation gradient deltarichness TTtreat TTC RTC -4 -8

Warning: Removed 23 rows containing non-finite values (stat_boxplot).

2700 600 Precipitation [mm y–1]

deltaevenness across precipitation gradient



Warning: Removed 20 rows containing non-finite values (stat_boxplot).

deltadiversity across precipitation gradient 1.0 0.5 deltadiversity **TTtreat** TTC RTC -0.5

Warning: Removed 20 rows containing non-finite values (stat_boxplot).

-1.0

2700 600 Precipitation [mm y–1]

deltaHeight across precipitation gradient 2012 2013 2015 2016 0.3 0.2 0.1 deltaHeight **TTtreat** TTC RTC -0.1 -0.2 -0.3

Warning: Removed 20 rows containing non-finite values (stat_boxplot).

600

1200

2000

2700

600

1200

2000

2700 600 Precipitation [mm y–1]

1200

2000

2700

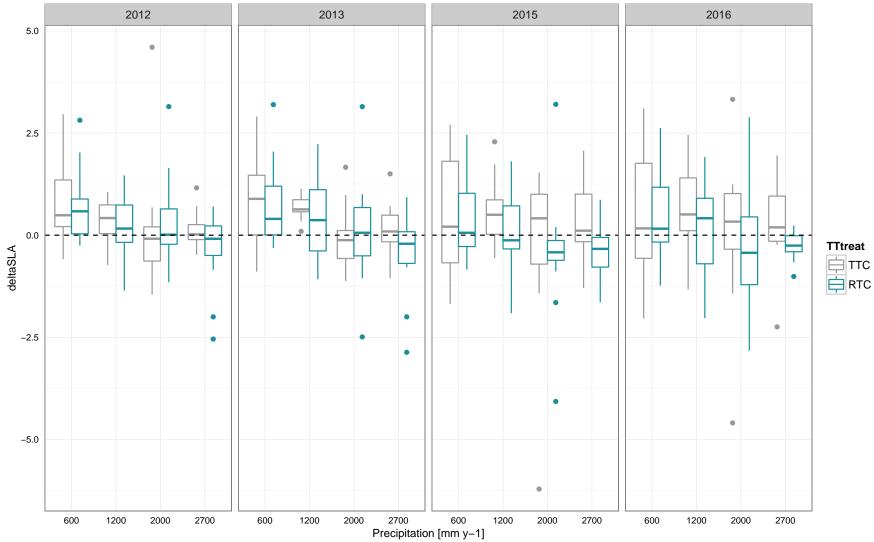
600

1200

2000

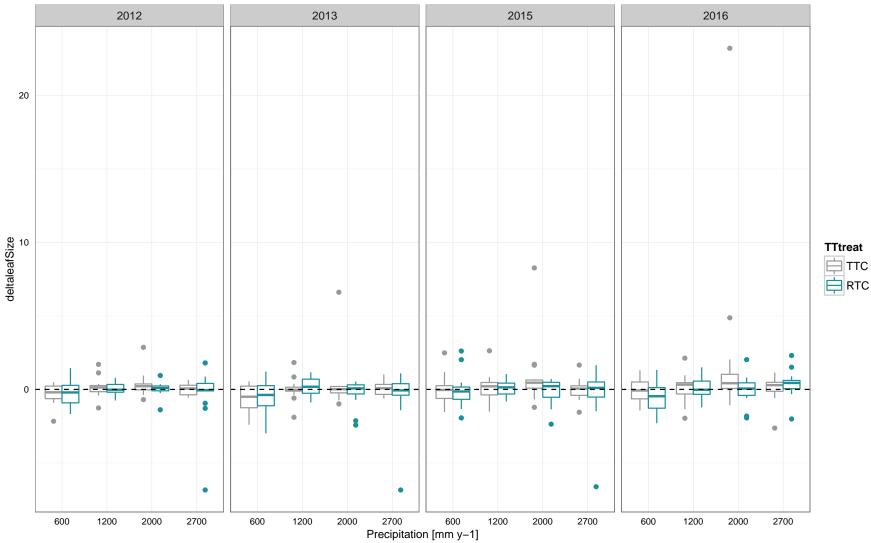
2700

deltaSLA across precipitation gradient



Warning: Removed 20 rows containing non-finite values (stat_boxplot).

deltaleafSize across precipitation gradient

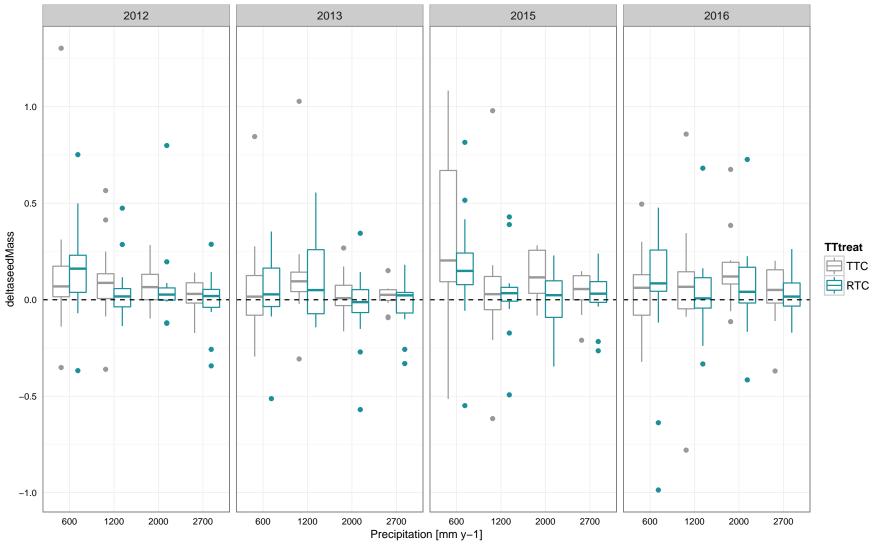


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deltasumcover across precipitation gradient deltasumcover **TTtreat** RTC -50 -100 2700 600 Precipitation [mm y–1]

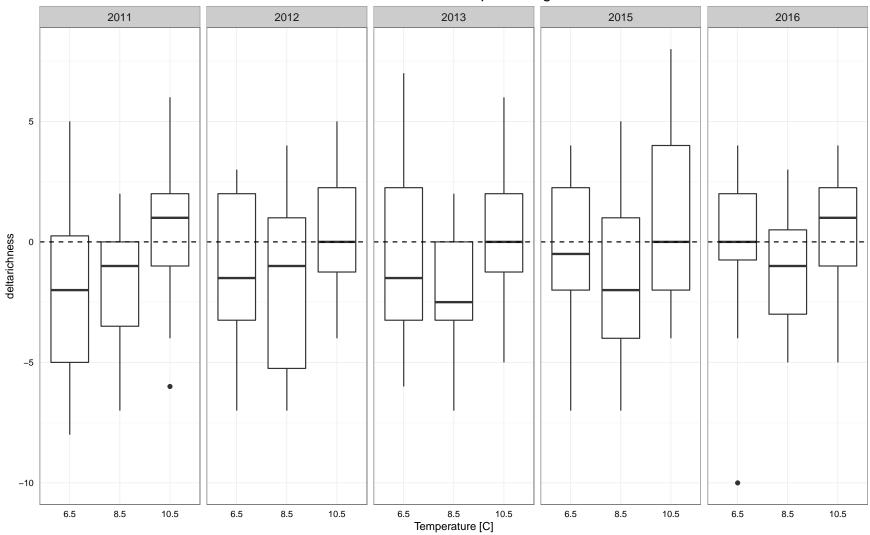
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deltaseedMass across precipitation gradient



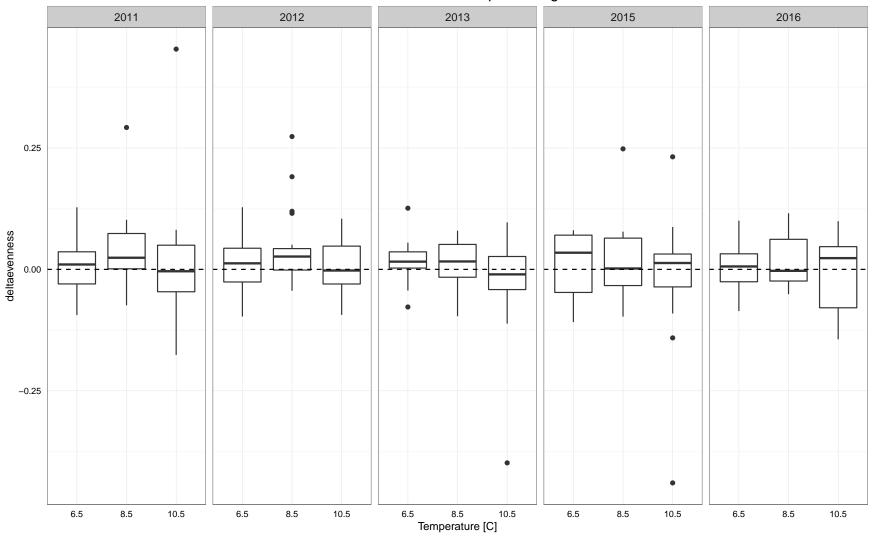
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deltarichness across temperature gradient



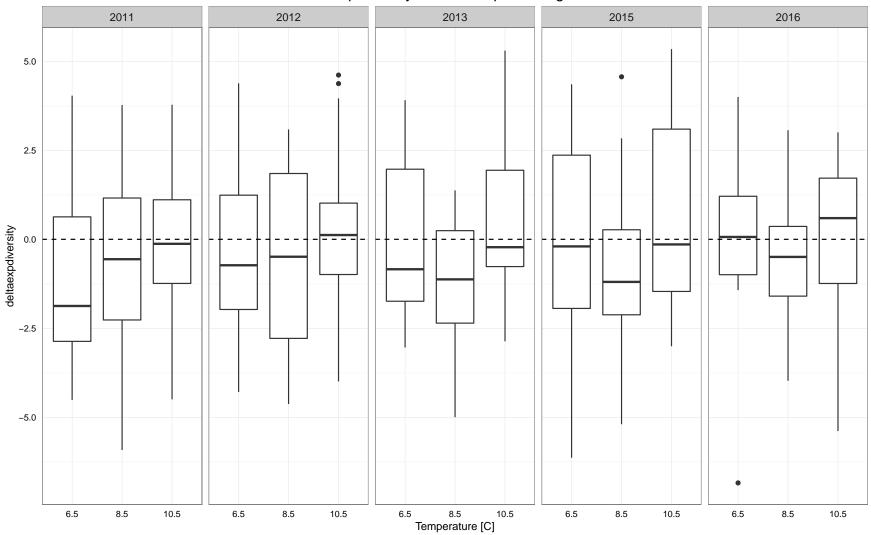
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deltaevenness across temperature gradient



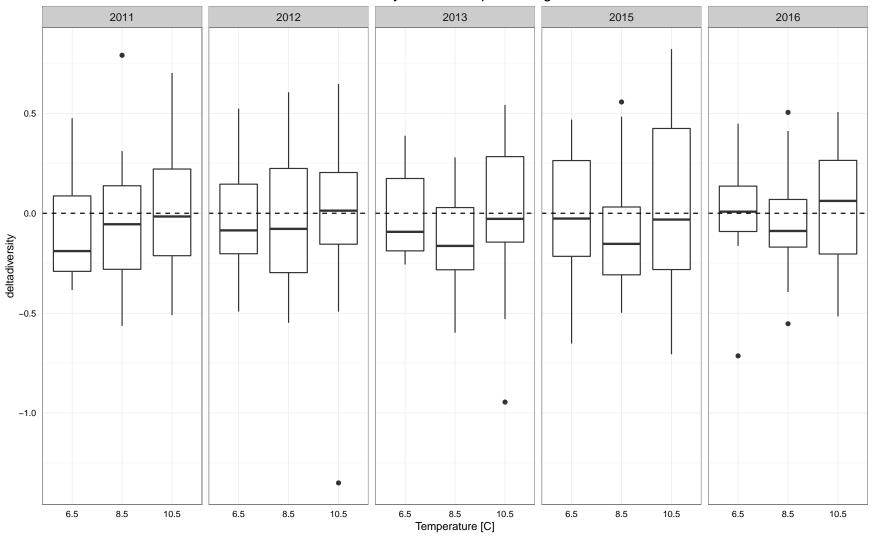
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deltaexpdiversity across temperature gradient

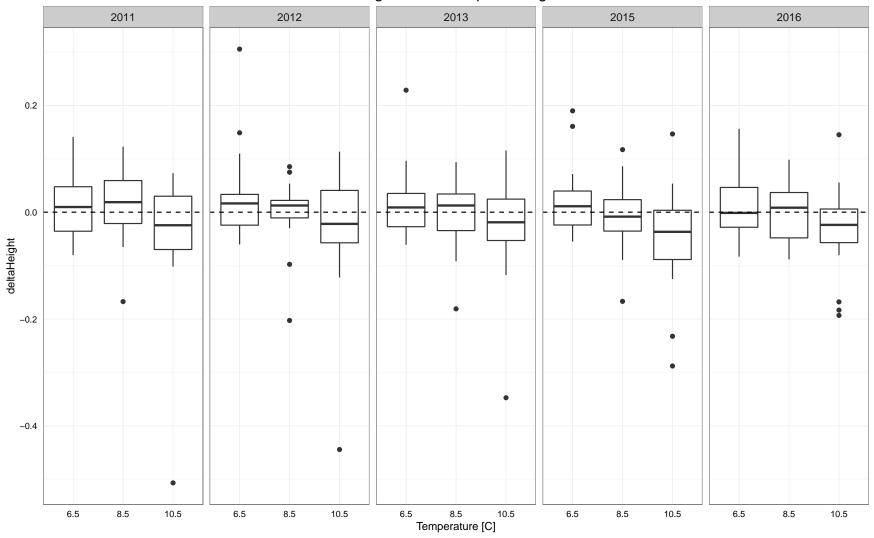


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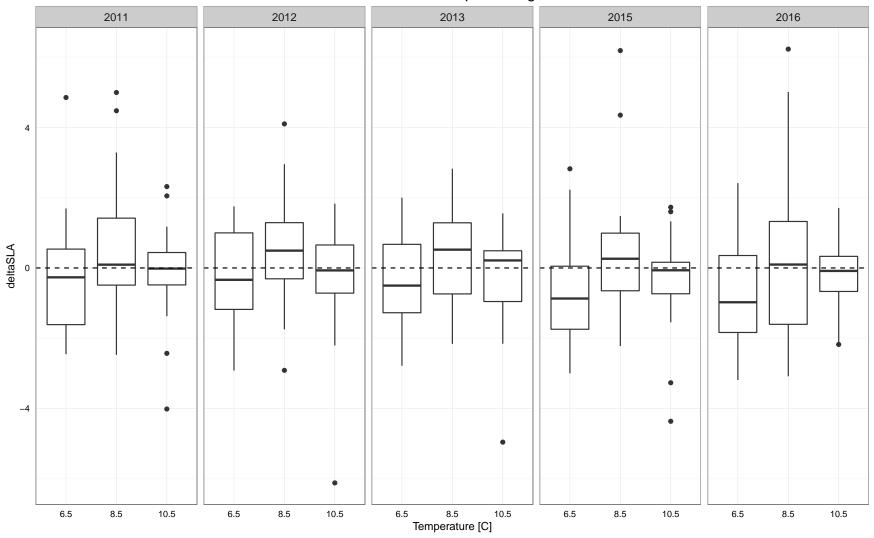
deltadiversity across temperature gradient



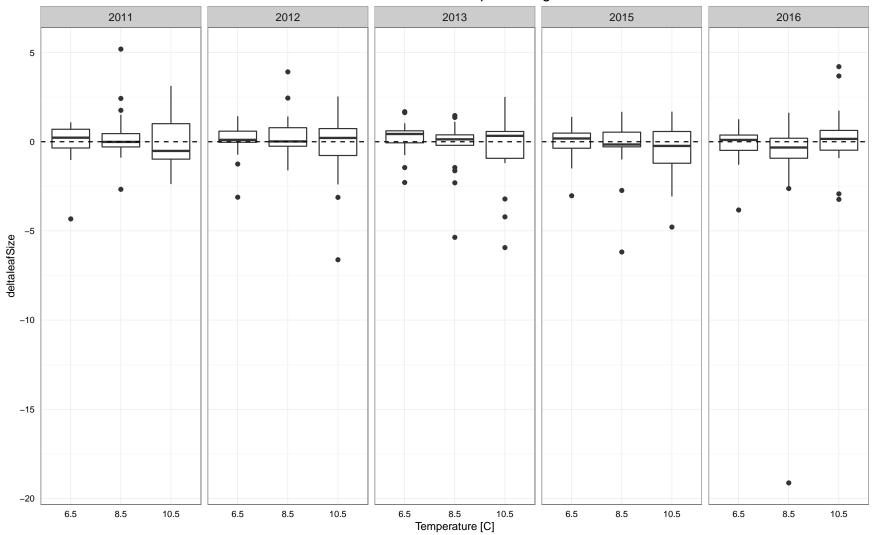
deltaHeight across temperature gradient



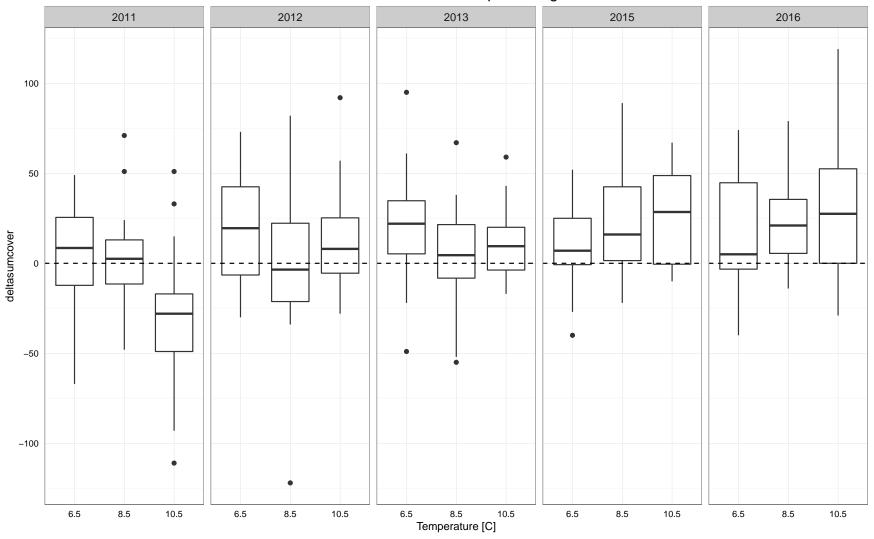
deltaSLA across temperature gradient



deltaleafSize across temperature gradient

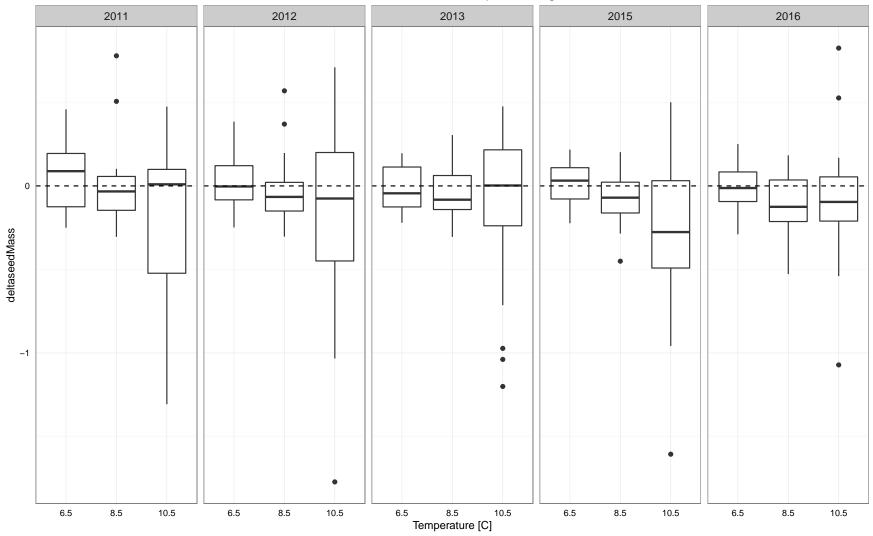


deltasumcover across temperature gradient



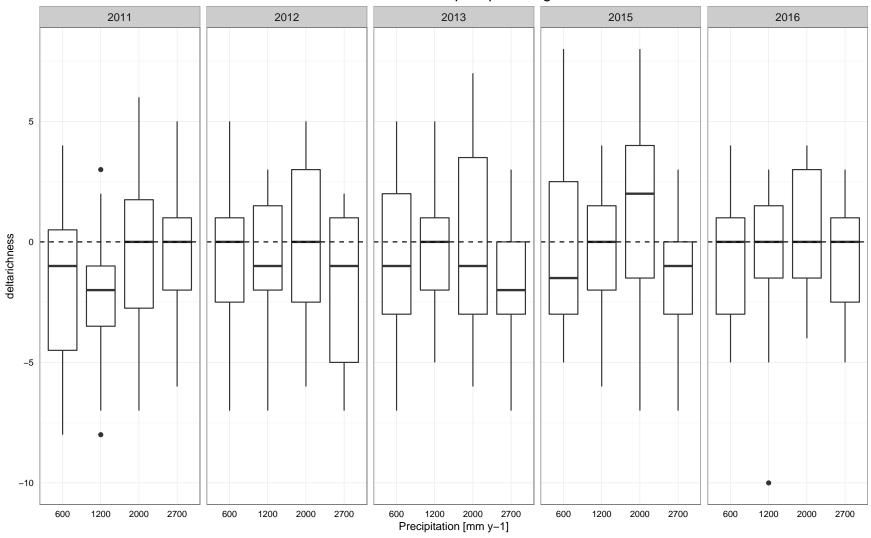
Warning: Removed 2 rows containing non-finite values (stat_boxplot).

deltaseedMass across temperature gradient

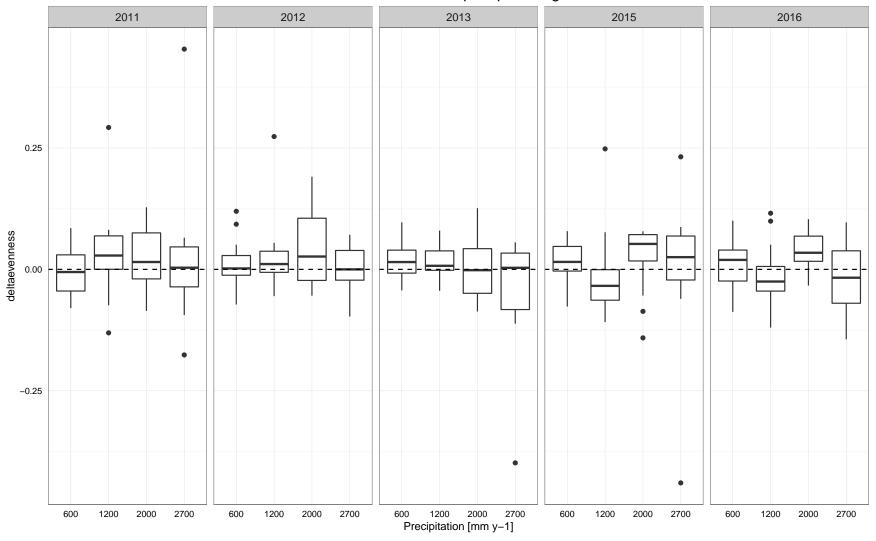


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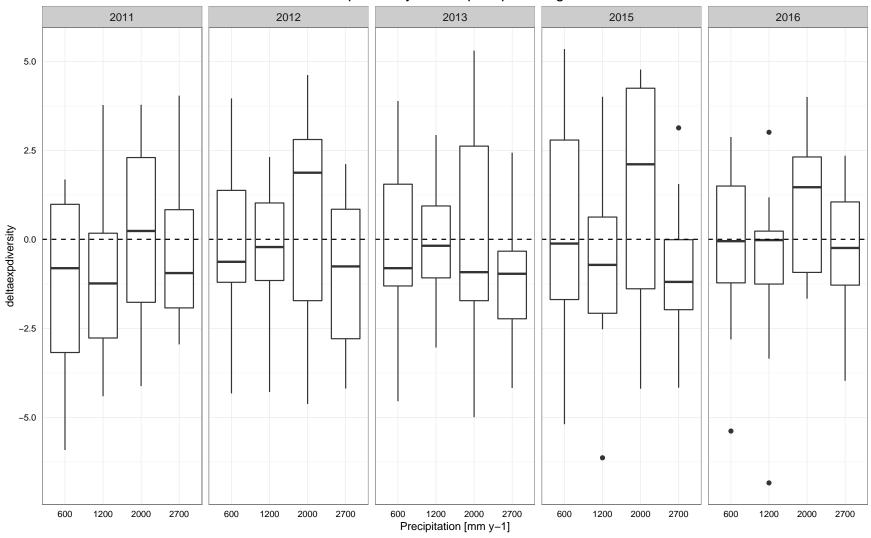
deltarichness across precipitation gradient



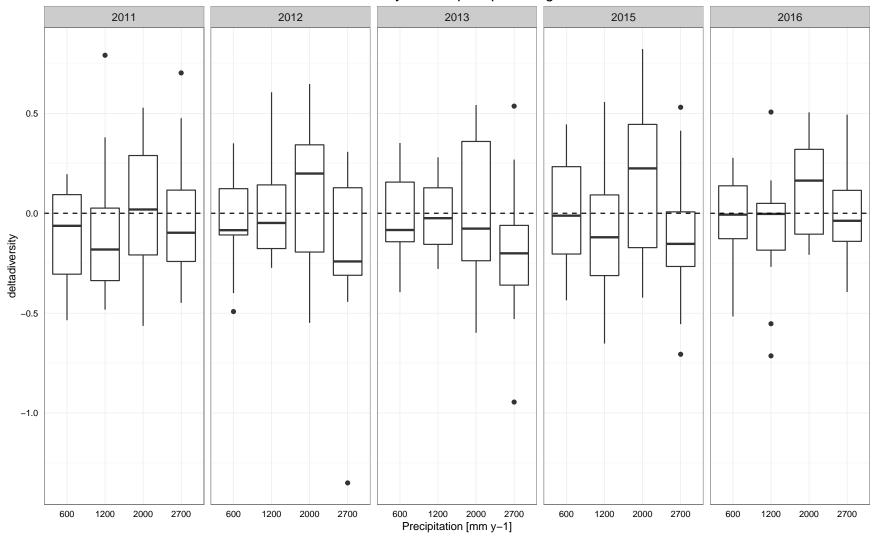
deltaevenness across precipitation gradient



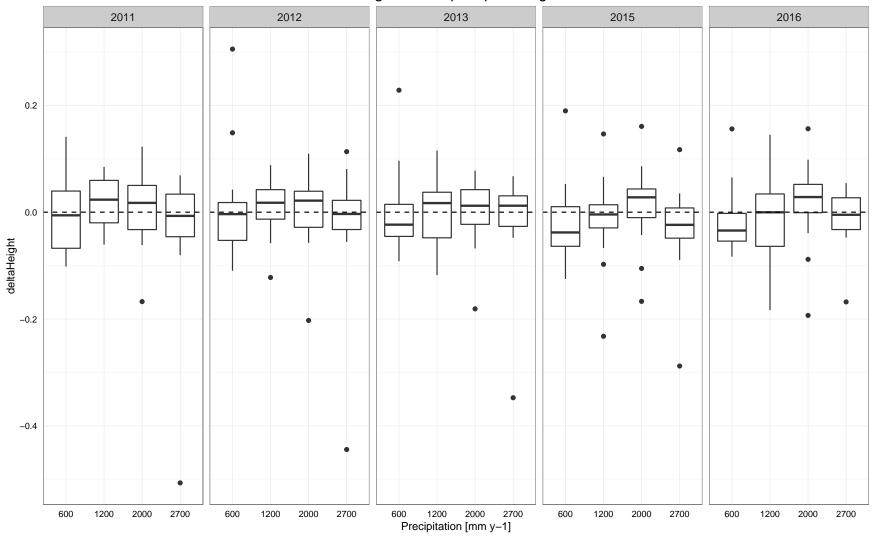
deltaexpdiversity across precipitation gradient



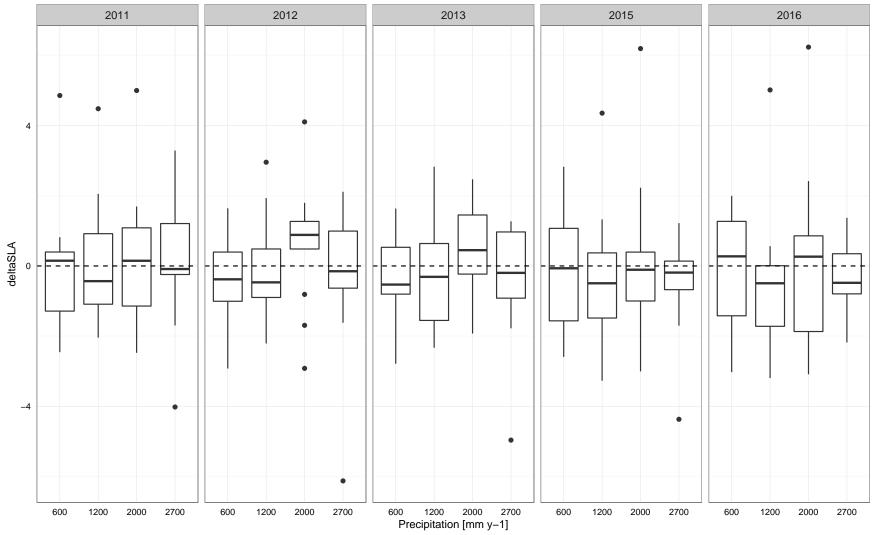
deltadiversity across precipitation gradient



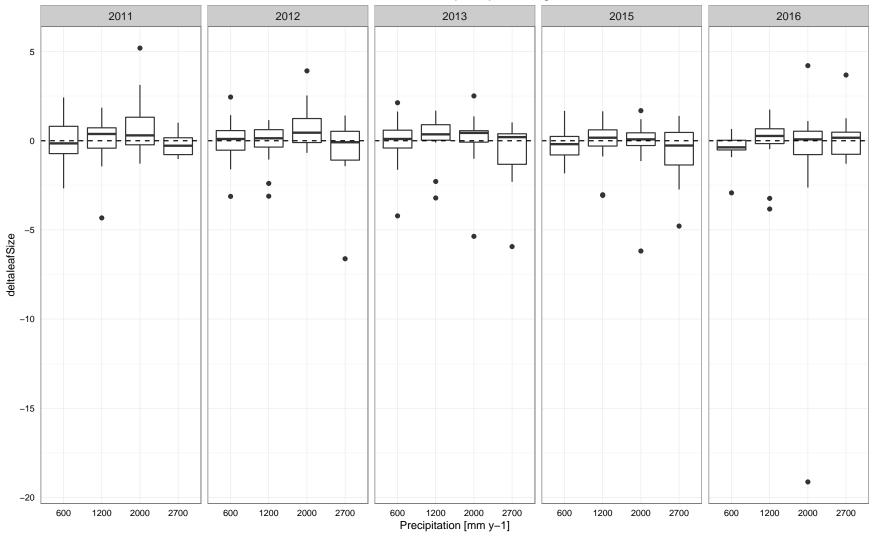
deltaHeight across precipitation gradient



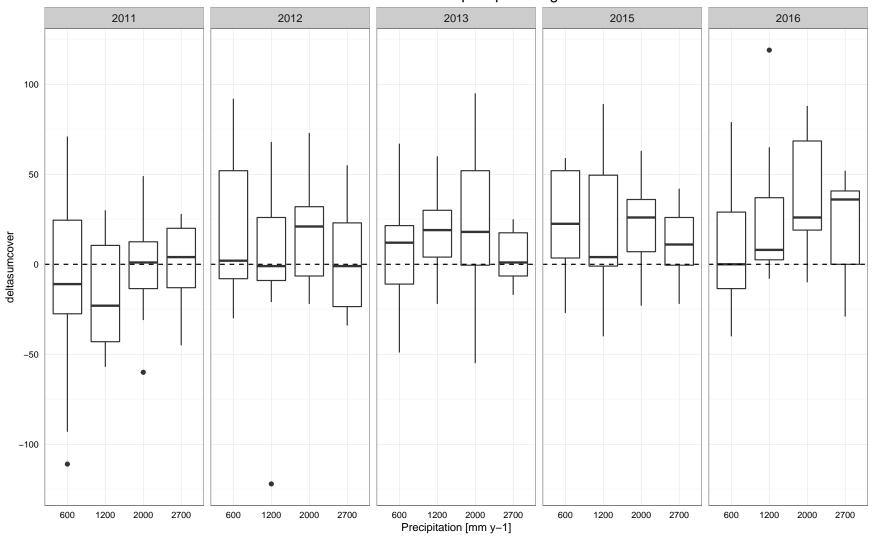
deltaSLA across precipitation gradient



deltaleafSize across precipitation gradient



deltasumcover across precipitation gradient



deltaseedMass across precipitation gradient

