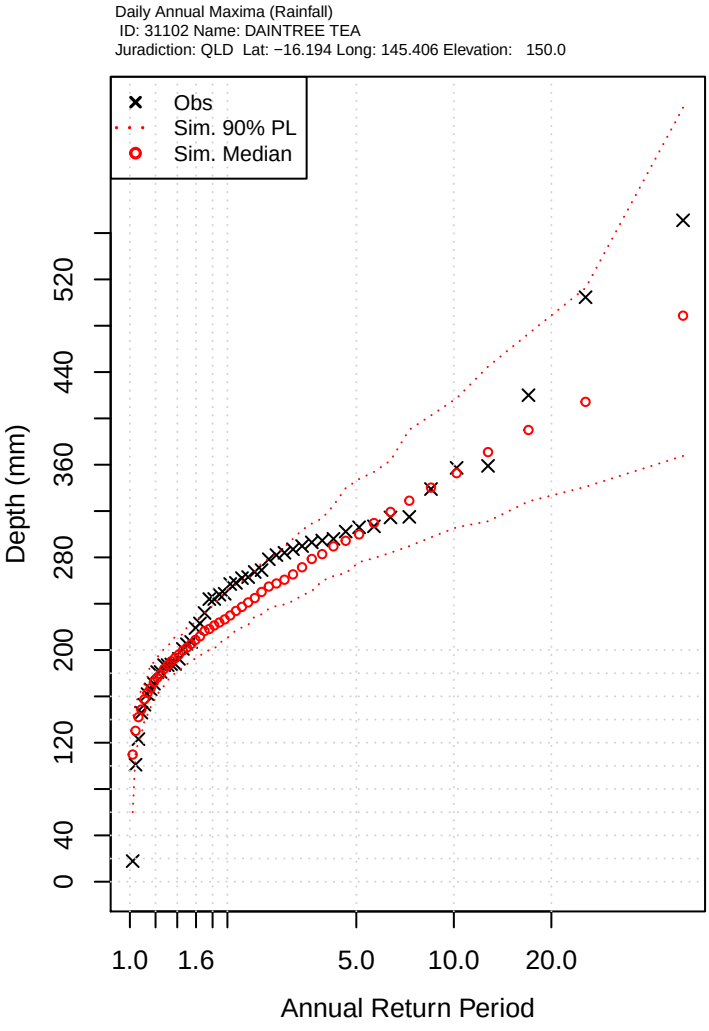
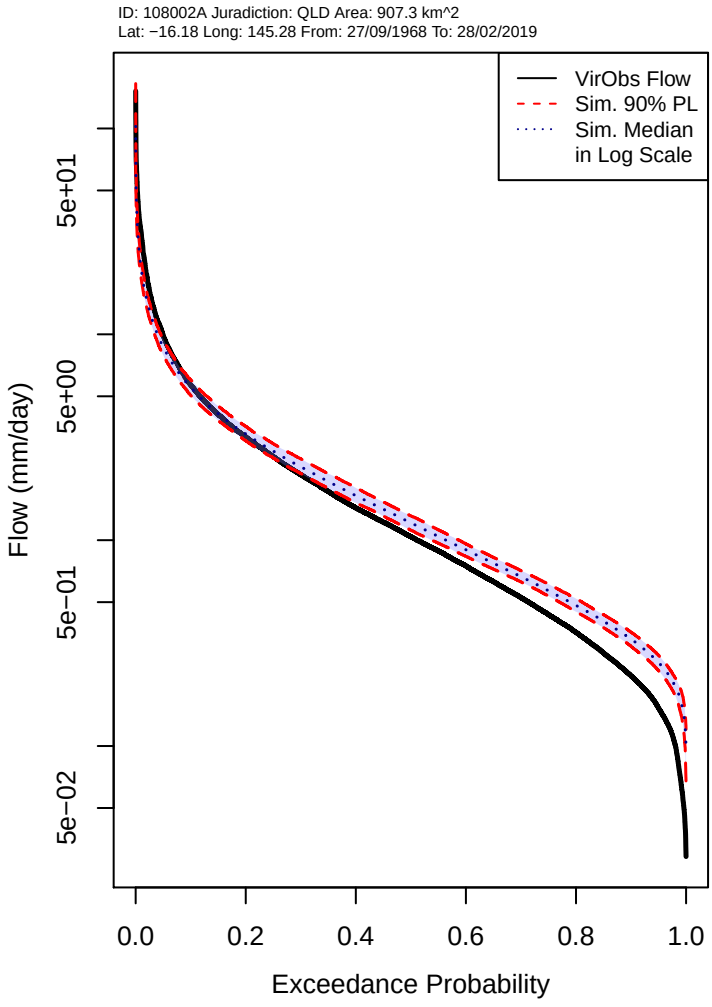
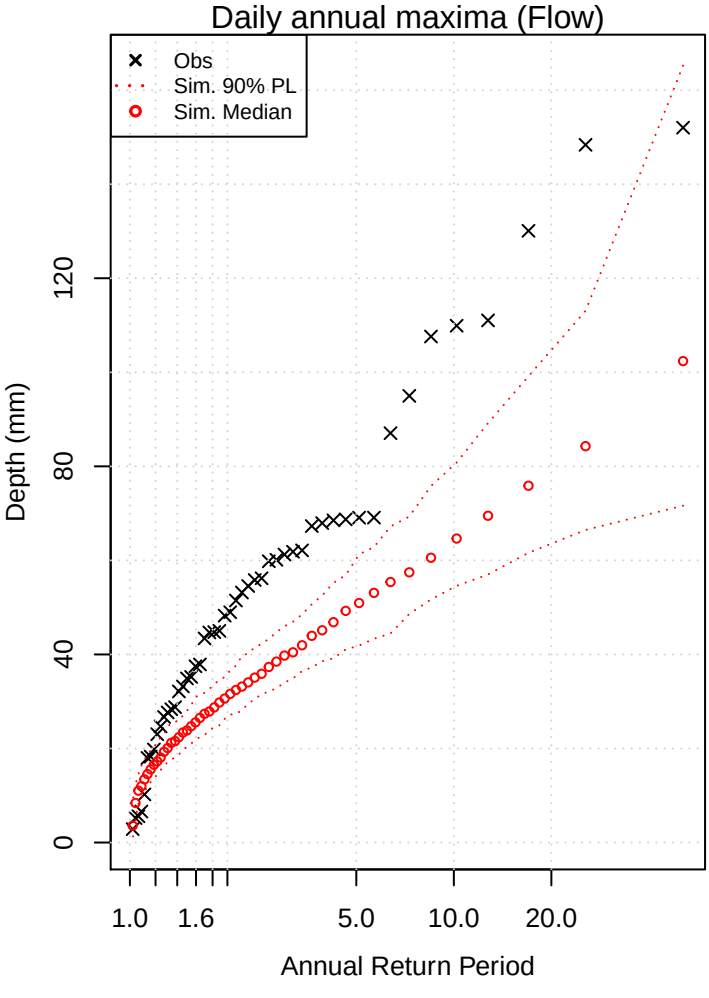
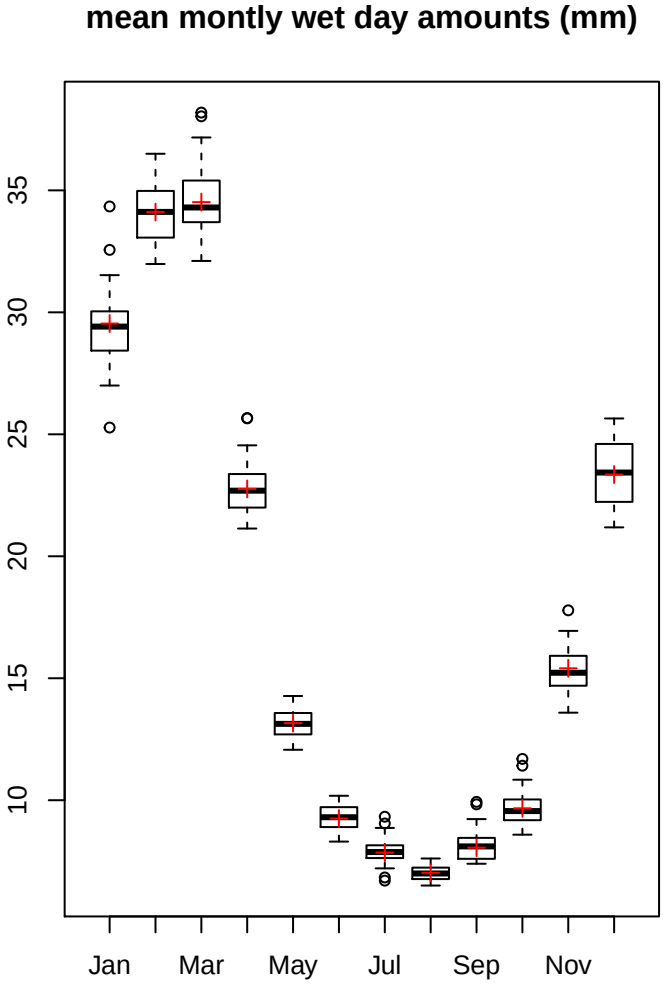
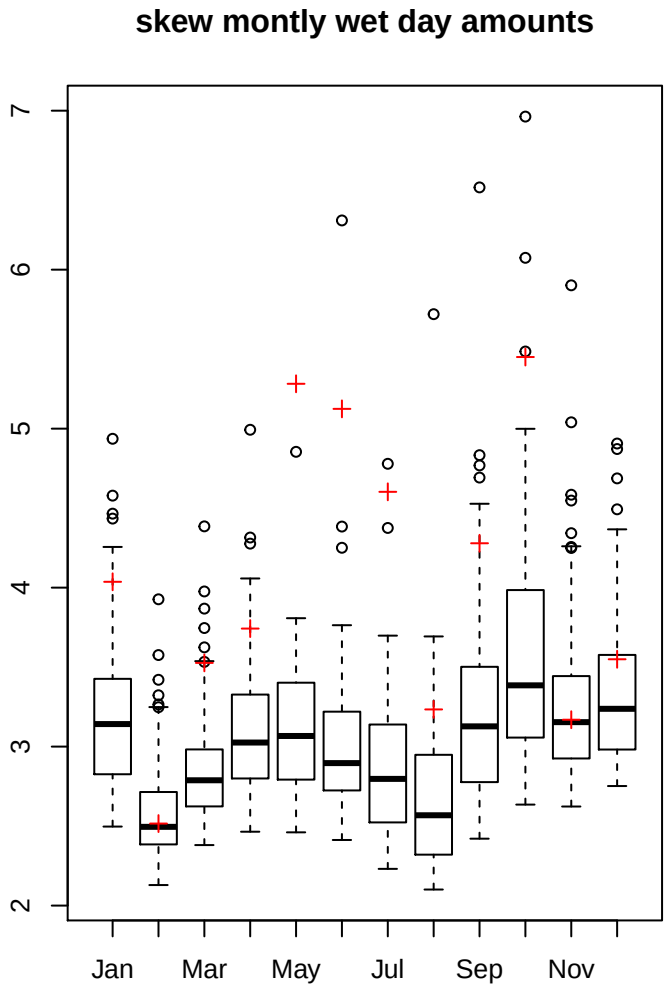
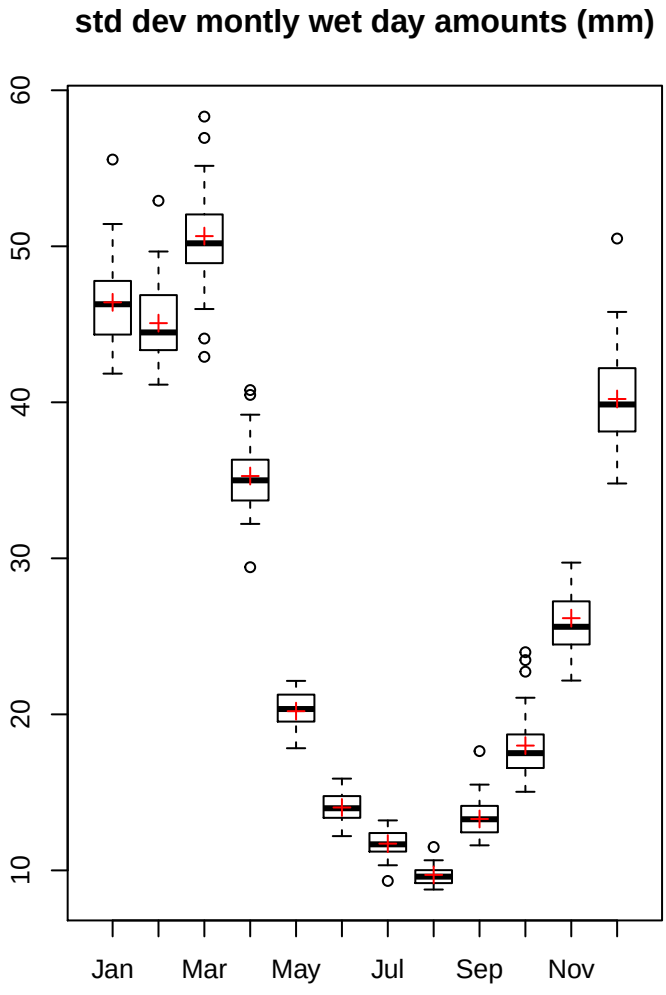

Daily Annual Maxima (Rainfall)
ID: 31102 Name: DAINTREE TEA
Juradiction: QLD Lat: −16.194 Long: 145.406 Elevation: 150.0
Obs
Sim. 90% PL
Sim. Median
Depth (mm)
0
40
120
200
280
360
440
520
1.0
1.6
5.0
10.0
20.0
Annual Return Period

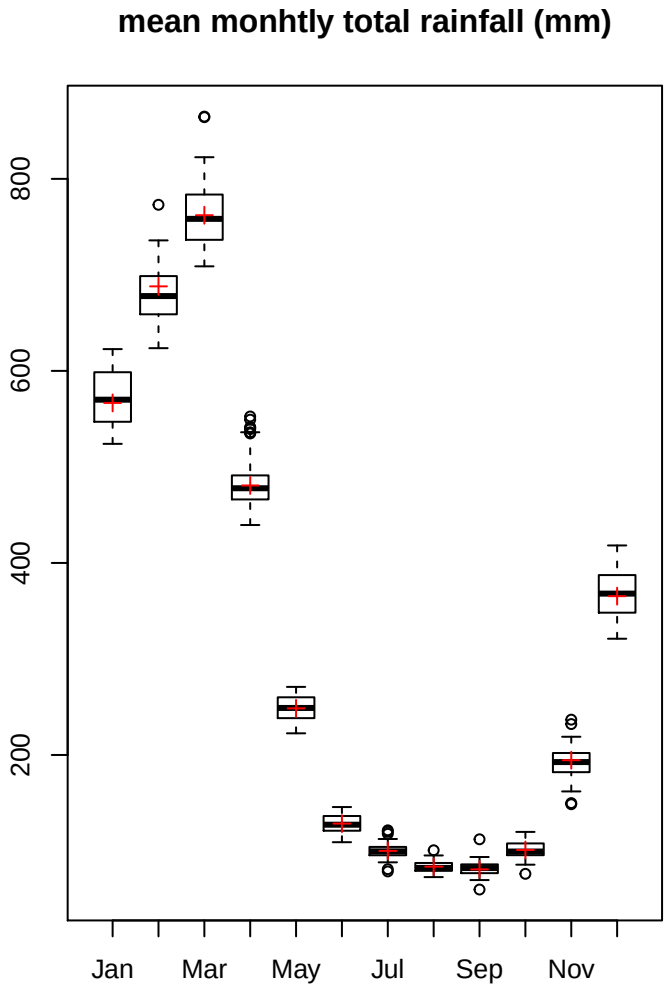

ID: 108002A Juradiction: QLD Area: 907.3 km^2
Lat: −16.18 Long: 145.28 From: 27/09/1968 To: 28/02/2019
VirObs Flow
Sim. 90% PL
Sim. Median
in Log Scale
Flow (mm/day)
5e−02
5e−01
5e+00
5e+01
0.0
0.2
0.4
0.6
0.8
1.0
Exceedance Probability

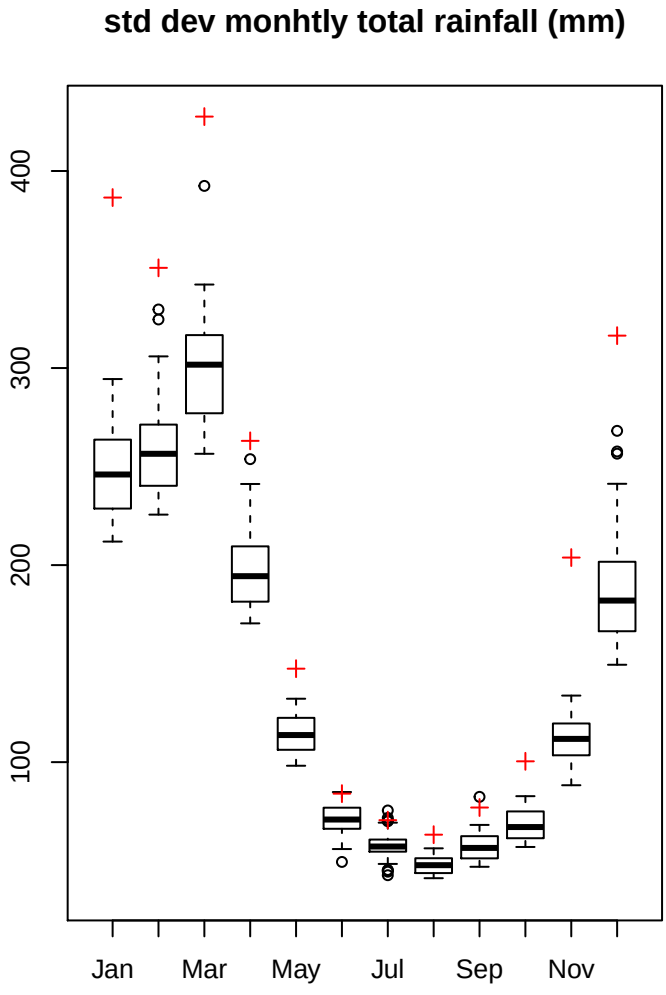

Daily annual maxima (Flow)
Obs
Sim. 90% PL
Sim. Median
Depth (mm)
0
40
80
120
1.0
1.6
5.0
10.0
20.0
Annual Return Period


mean montly wet day amounts (mm)
10
15
20
25
30
35
Jan
Mar
May
Jul
Sep
Nov

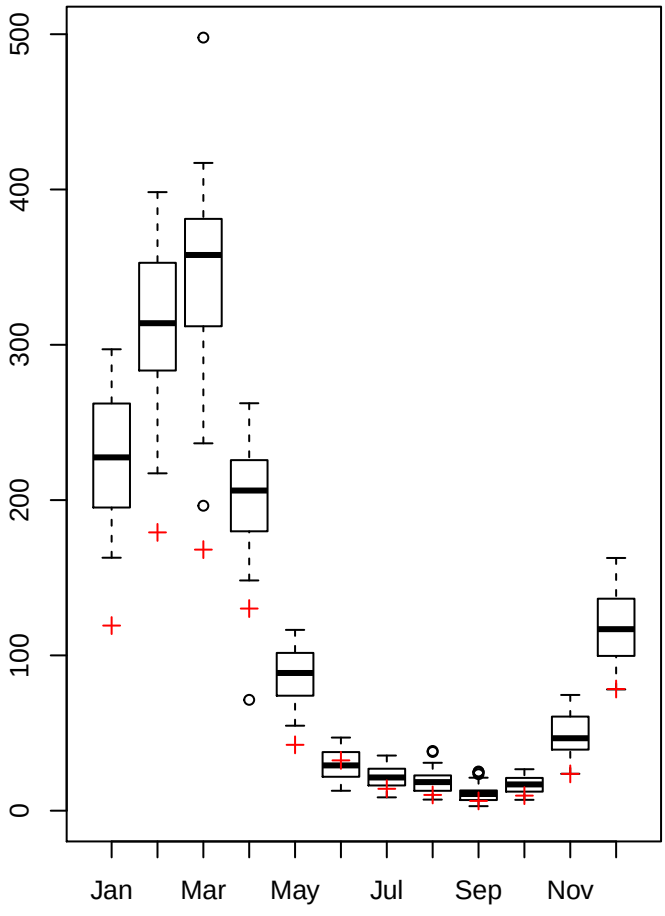

skew montly wet day amounts
2
3
4
5
6
7
Jan
Mar
May
Jul
Sep
Nov


std dev montly wet day amounts (mm)
10
20
30
40
50
60
Jan
Mar
May
Jul
Sep
Nov

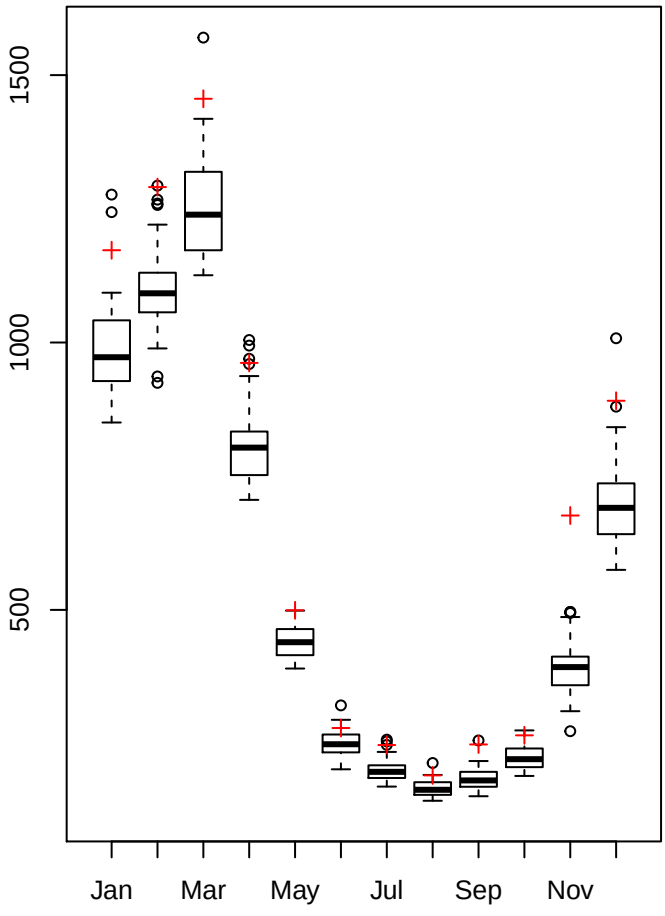

mean monhtly total rainfall (mm)
200
400
600
800
Jan
Mar
May
Jul
Sep
Nov


std dev monhtly total rainfall (mm)
100
200
300
400
Jan
Mar
May
Jul
Sep
Nov

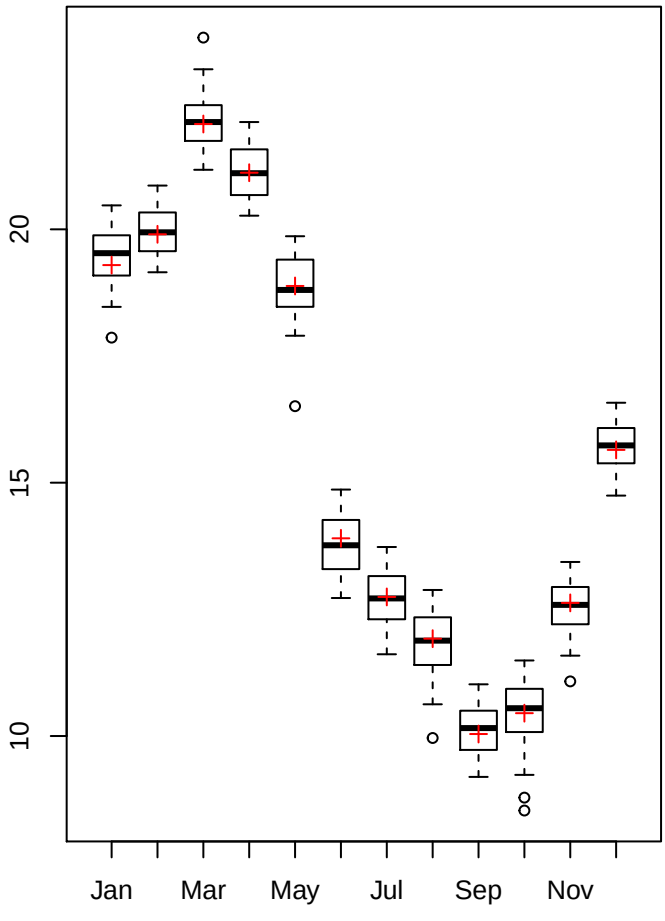
## 5th percentile monhtly total rainfall (mm)



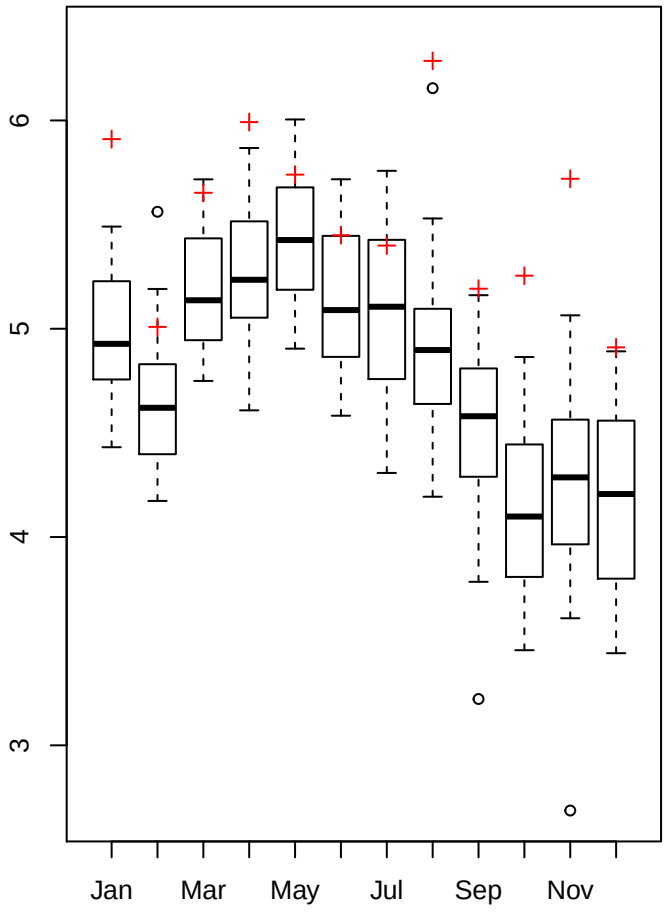

## 95th percentile monhtly total rainfall (mm)

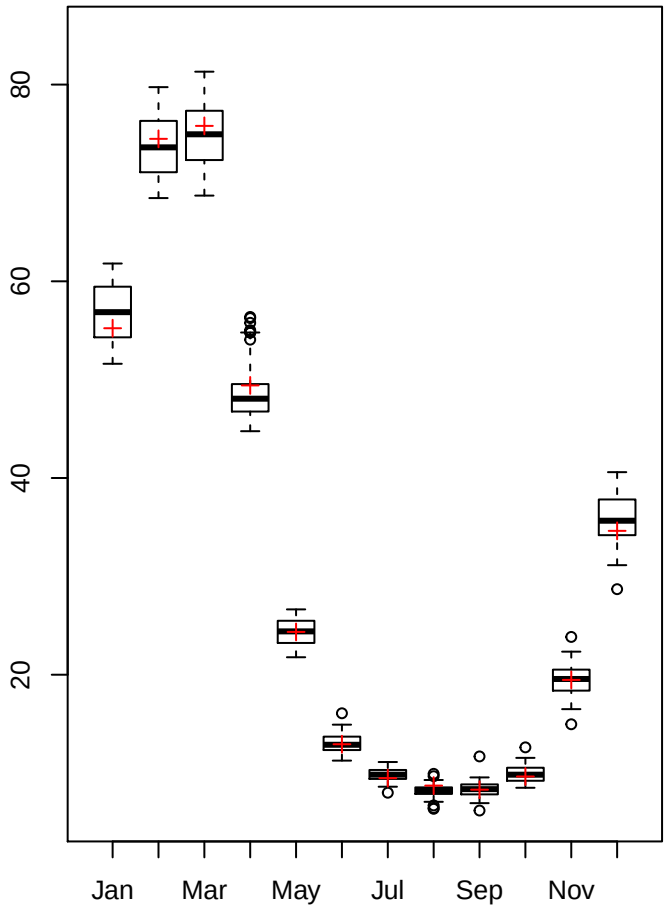


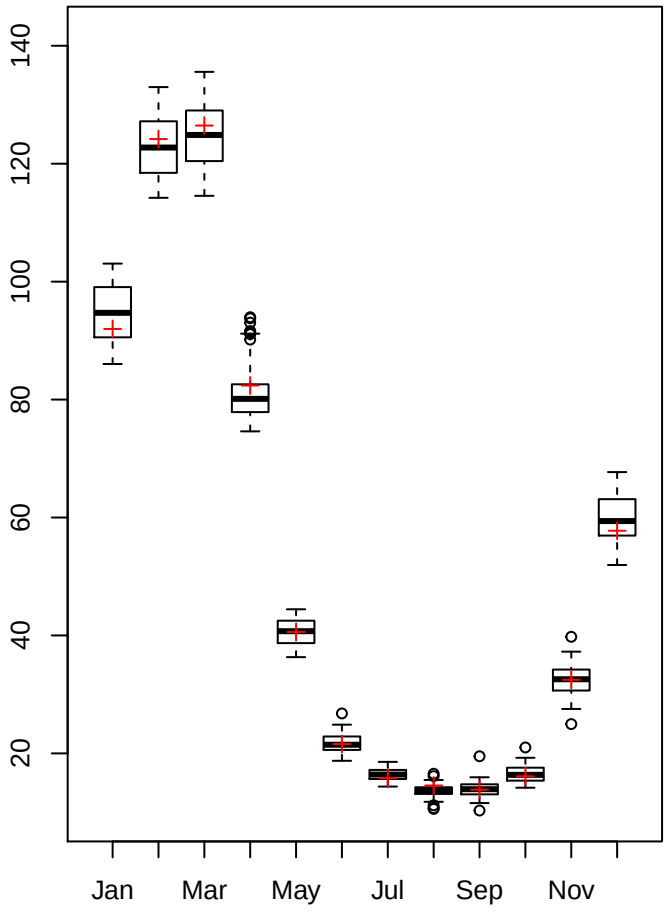

## mean monthly number of wet day

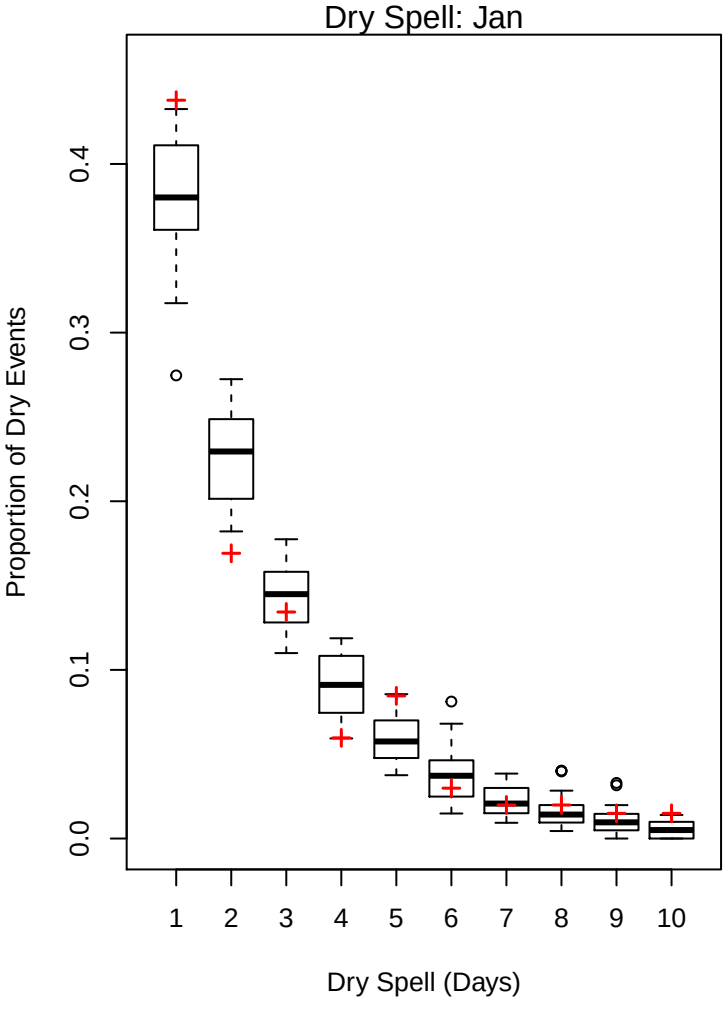


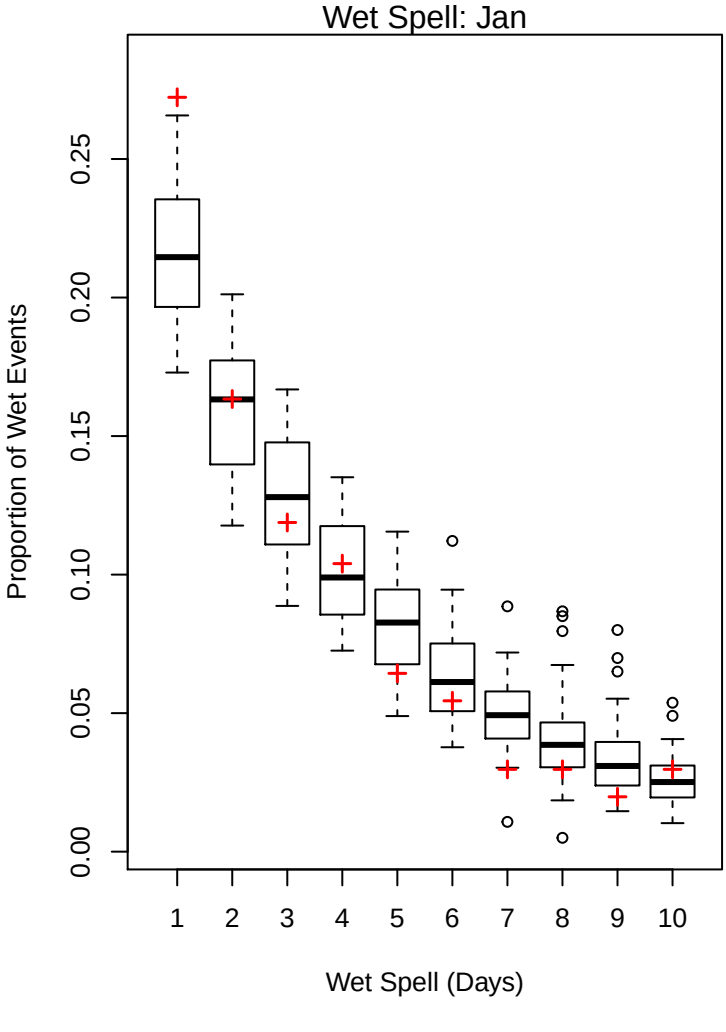

## std dev monthly number of wet day

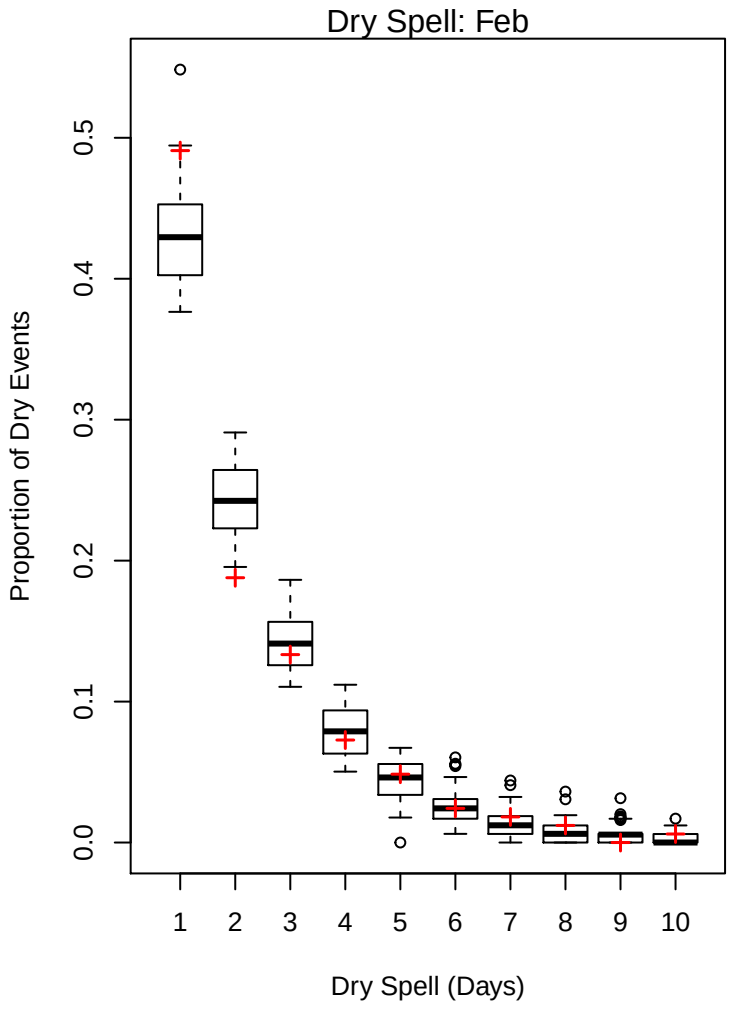


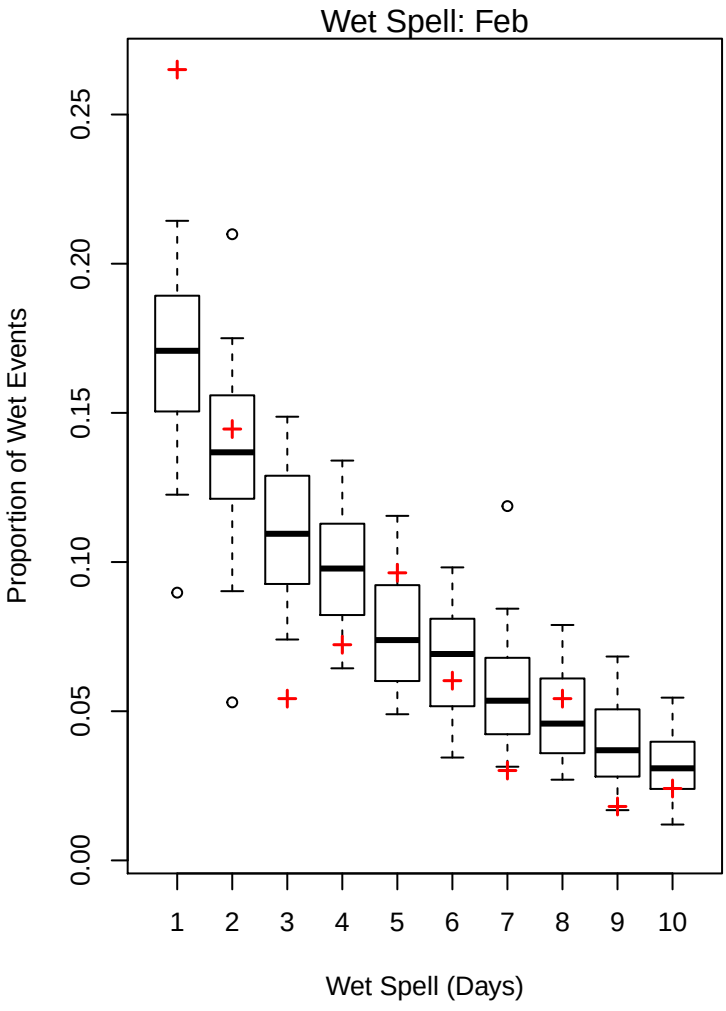

Mean monthly 3−day total (mm)
20
40
60
80
Jan
Mar
May
Jul
Sep
Nov

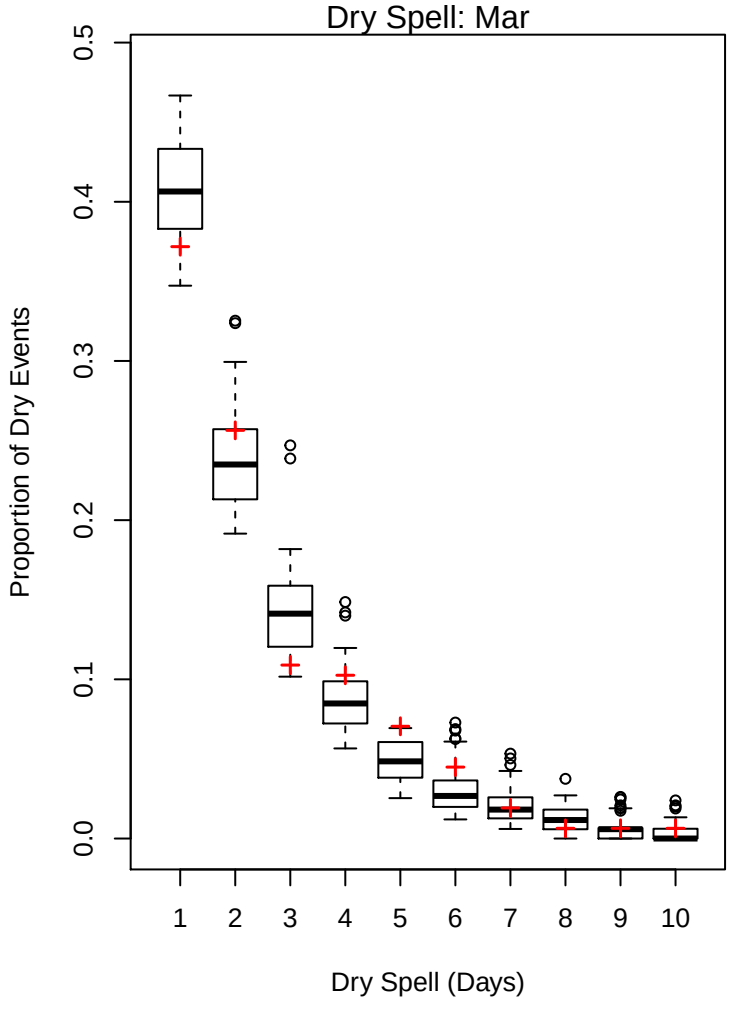

Mean monthly 5−day total (mm)
20
40
60
80
100
120
140
Jan
Mar
May
Jul
Sep
Nov

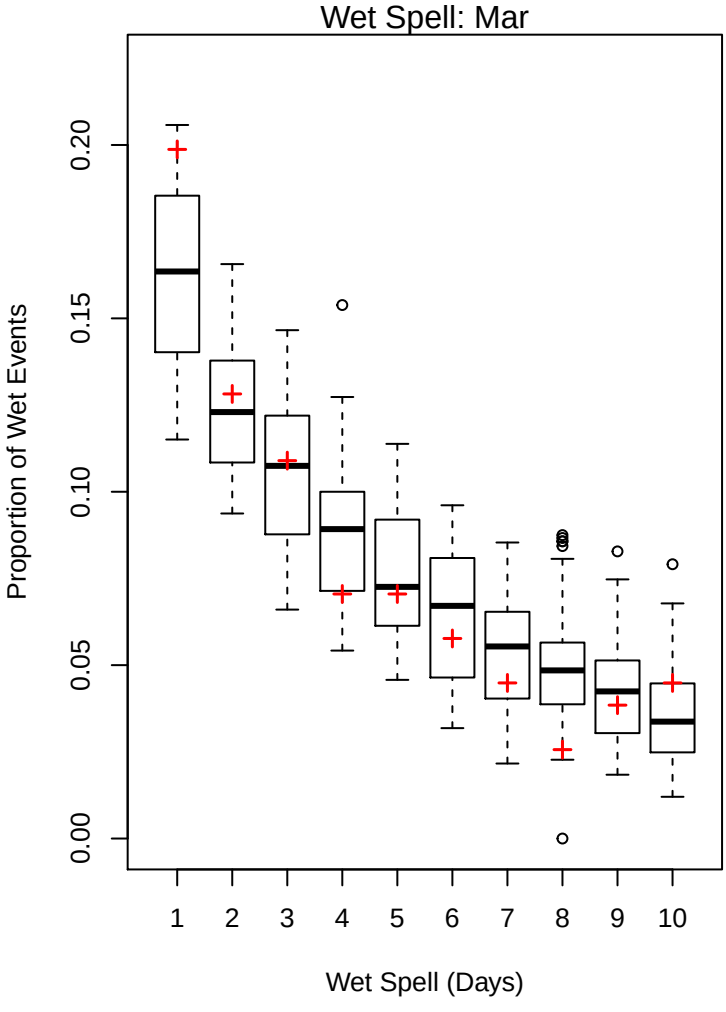

Dry Spell: Jan
Proportion of Dry Events
0.0
0.1
0.2
0.3
0.4
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

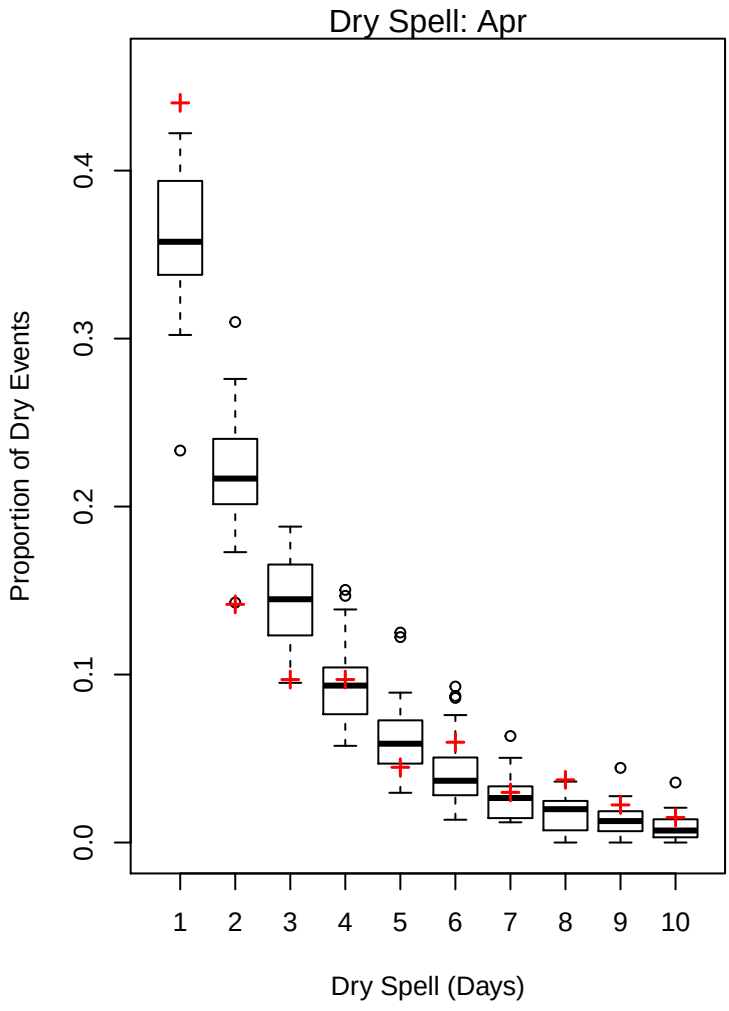

Wet Spell: Jan
Proportion of Wet Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

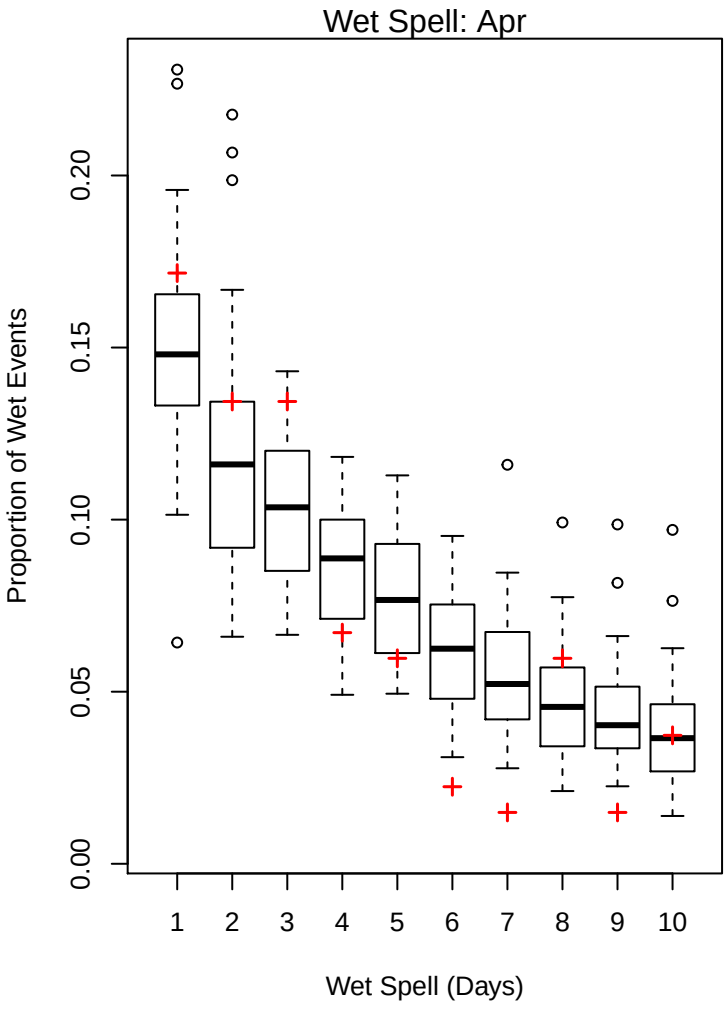

Dry Spell: Feb
Proportion of Dry Events
0.0
0.1
0.2
0.3
0.4
0.5
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

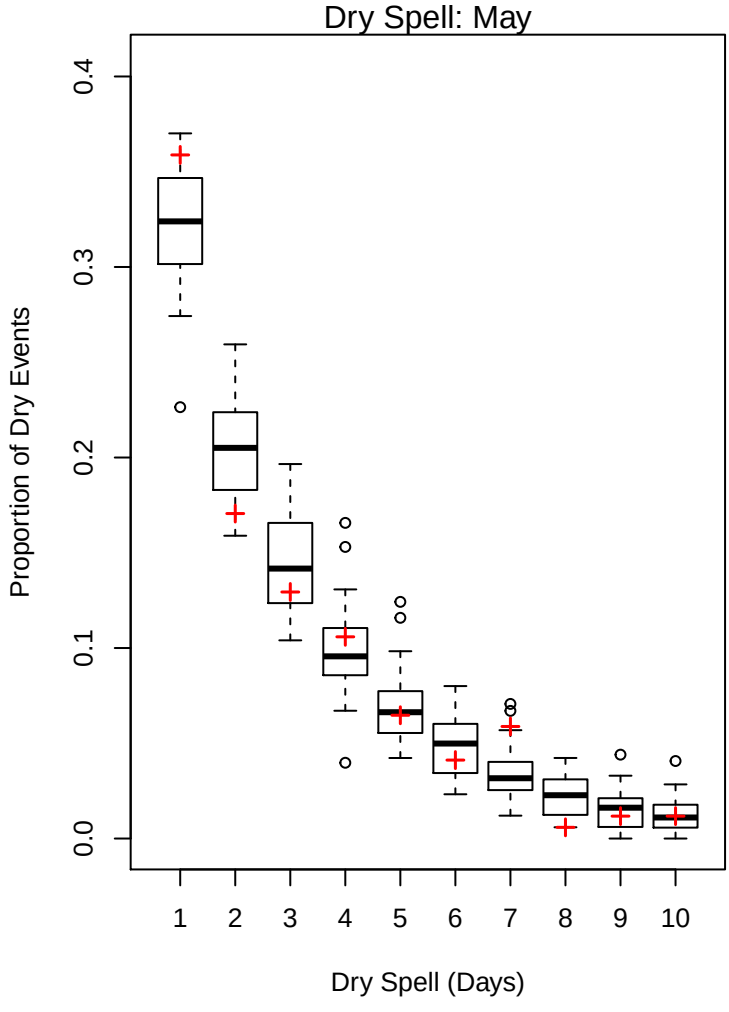

Wet Spell: Feb
Proportion of Wet Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

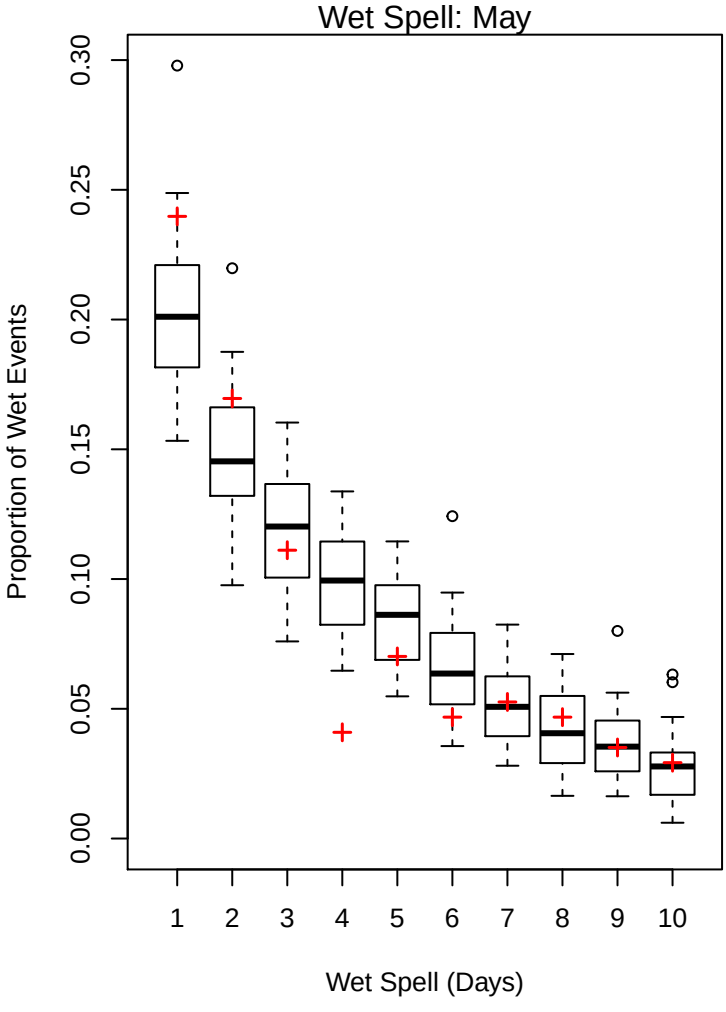

Dry Spell: Mar
Proportion of Dry Events
0.0
0.1
0.2
0.3
0.4
0.5
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

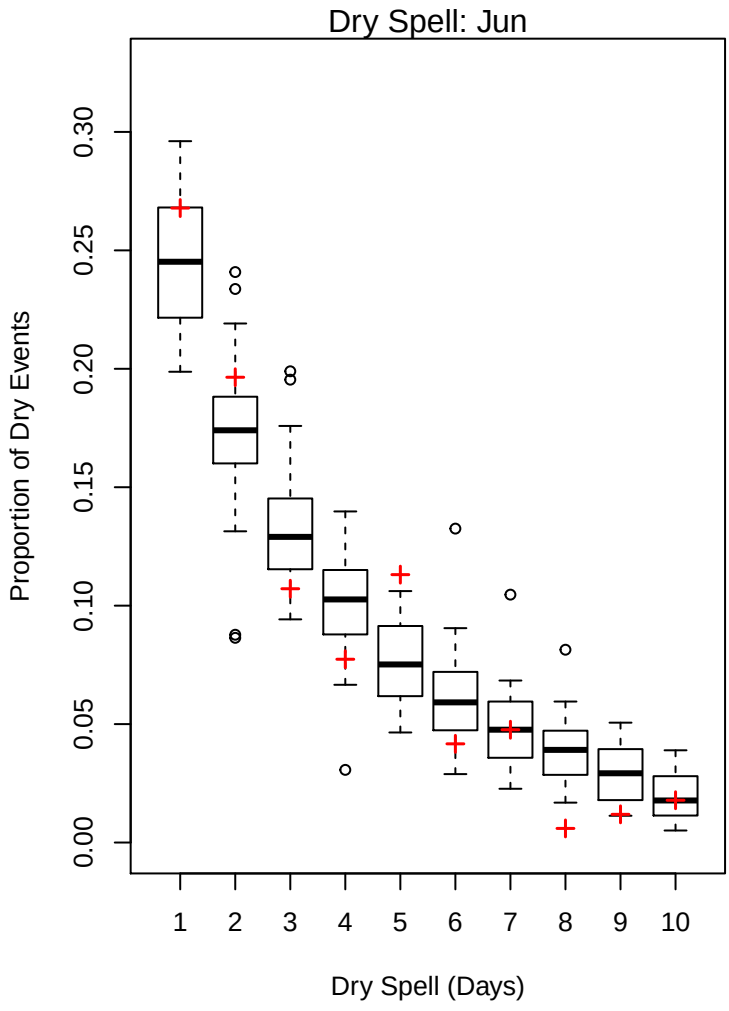

Wet Spell: Mar
Proportion of Wet Events
0.00
0.05
0.10
0.15
0.20
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

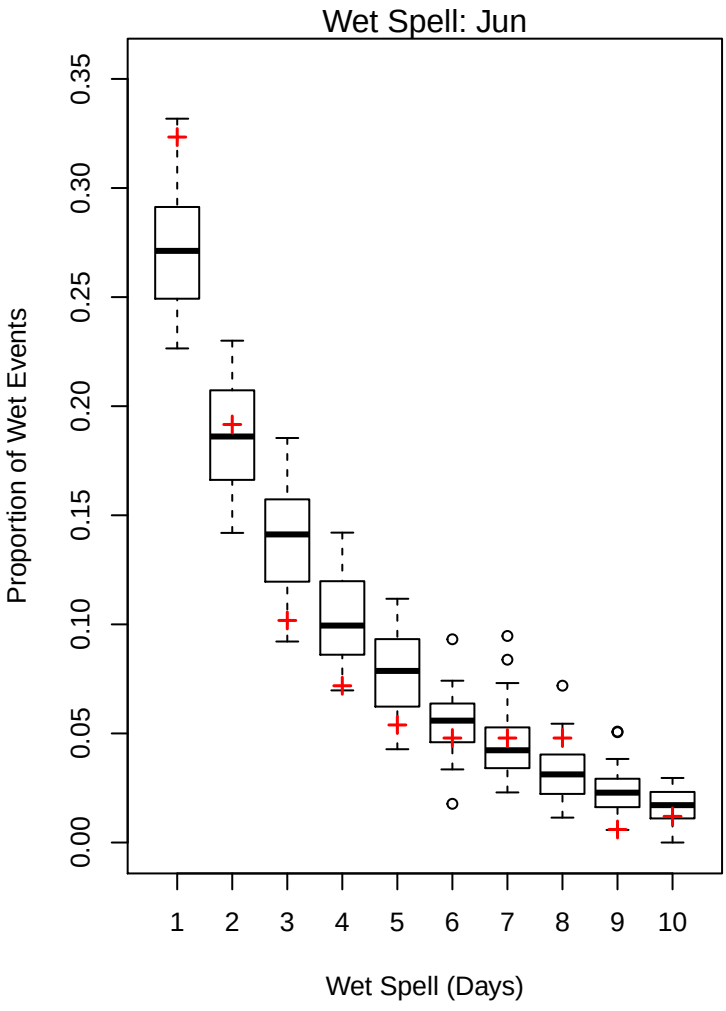

Dry Spell: Apr
Proportion of Dry Events
0.0
0.1
0.2
0.3
0.4
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

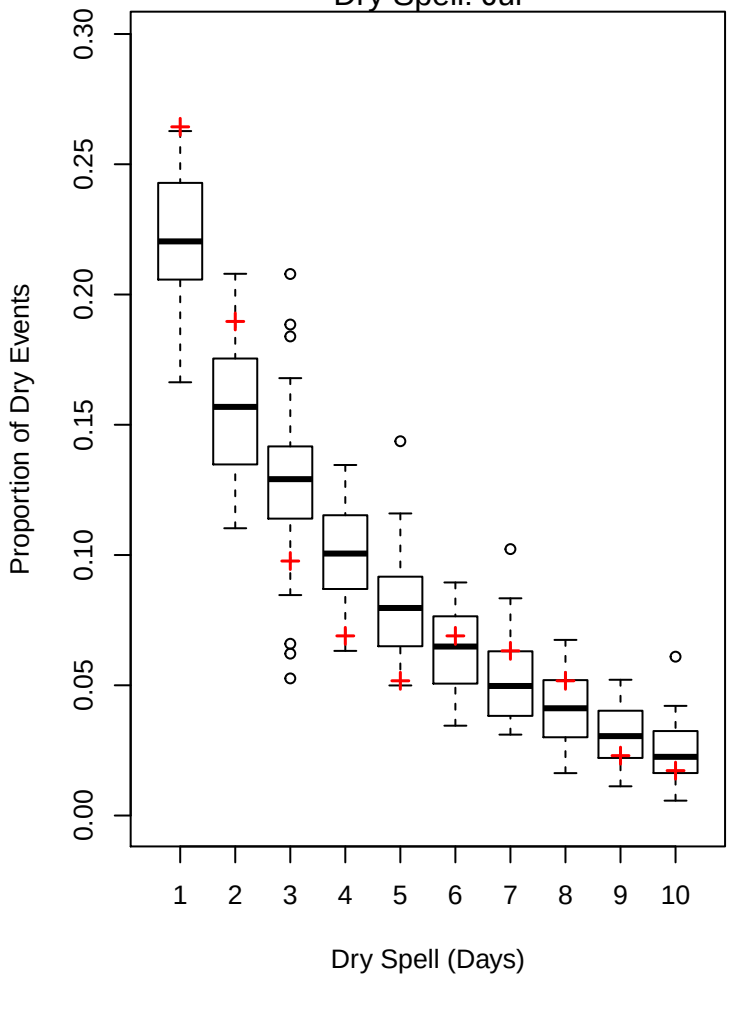

Wet Spell: Apr
Proportion of Wet Events
0.00
0.05
0.10
0.15
0.20
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

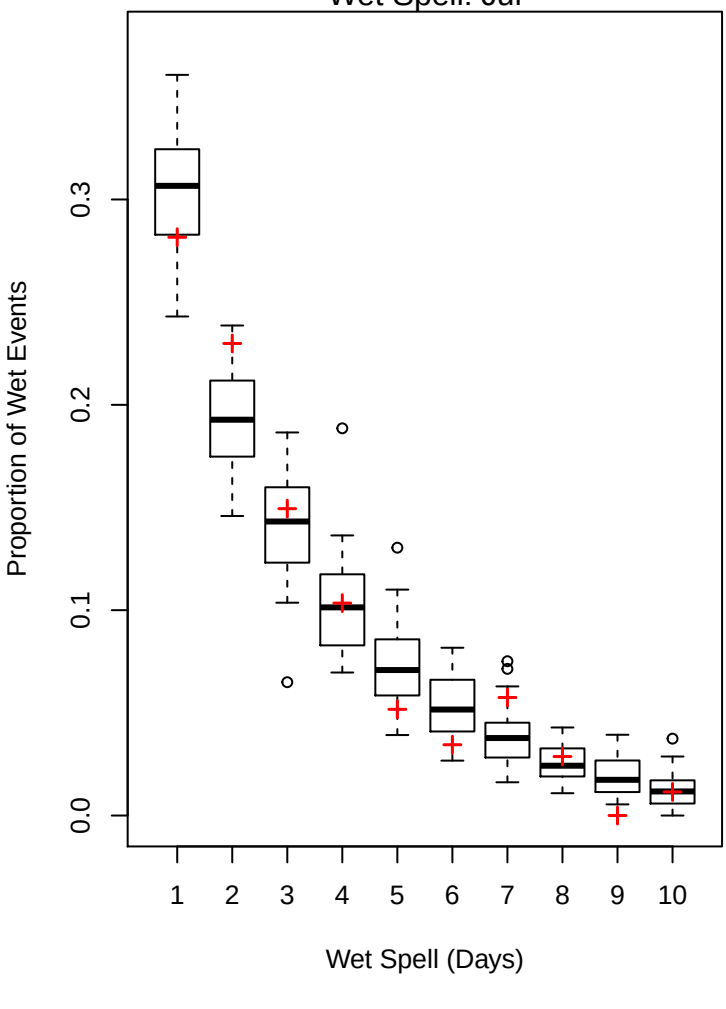

Dry Spell: May
Proportion of Dry Events
0.0
0.1
0.2
0.3
0.4
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

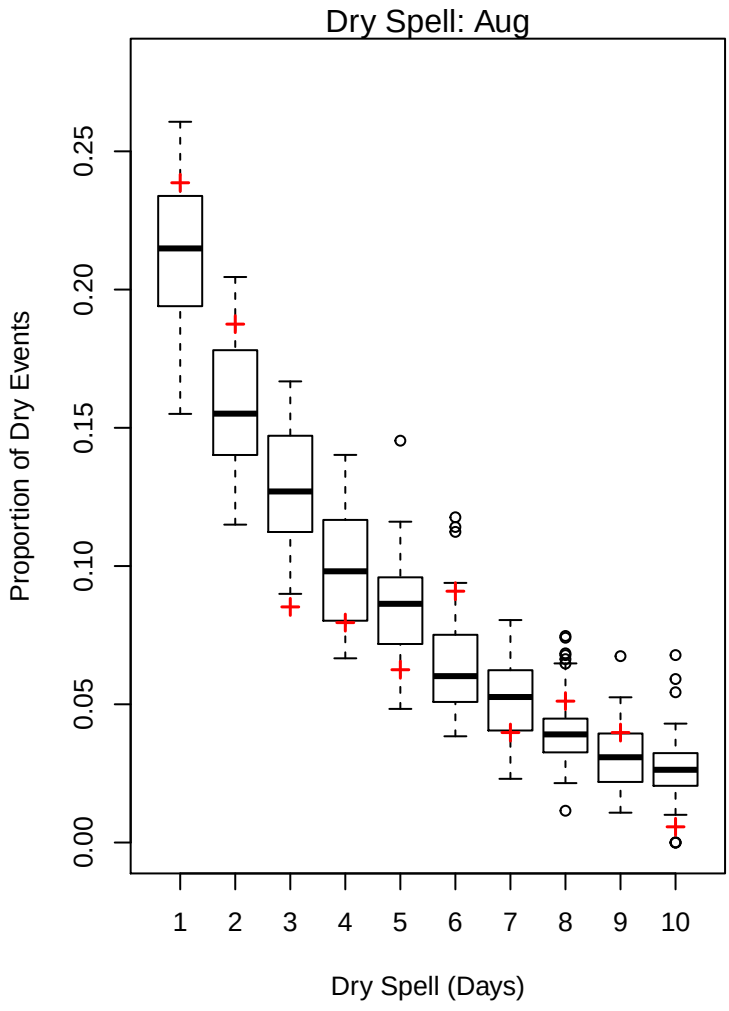

Wet Spell: May
Proportion of Wet Events
0.00
0.05
0.10
0.15
0.20
0.25
0.30
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

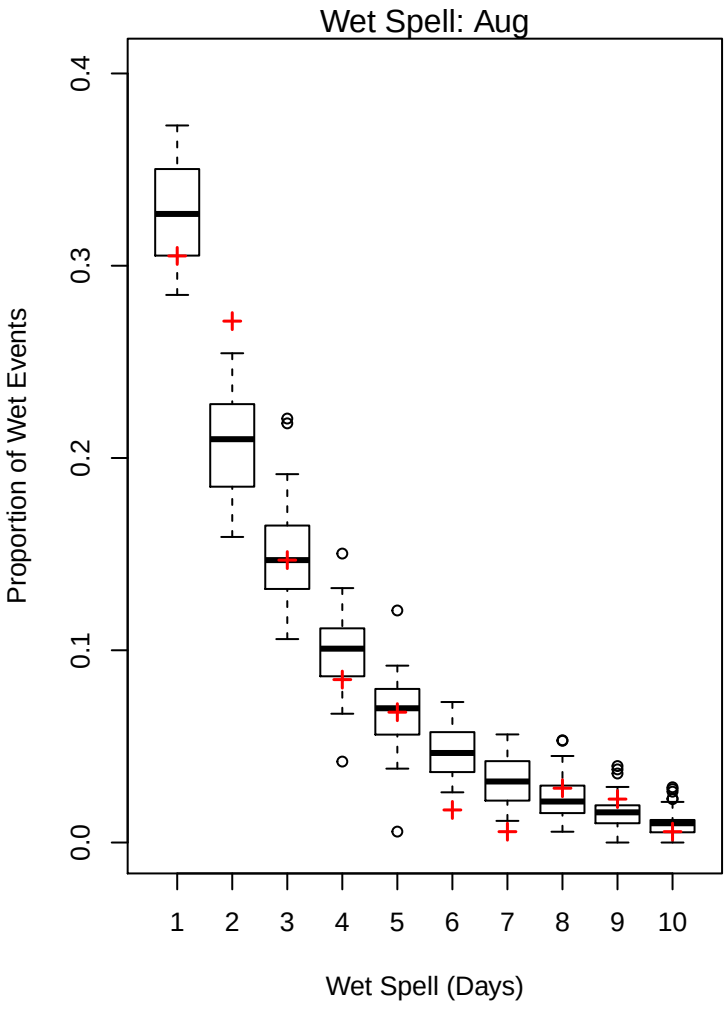

Dry Spell: Jun
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
0.30
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

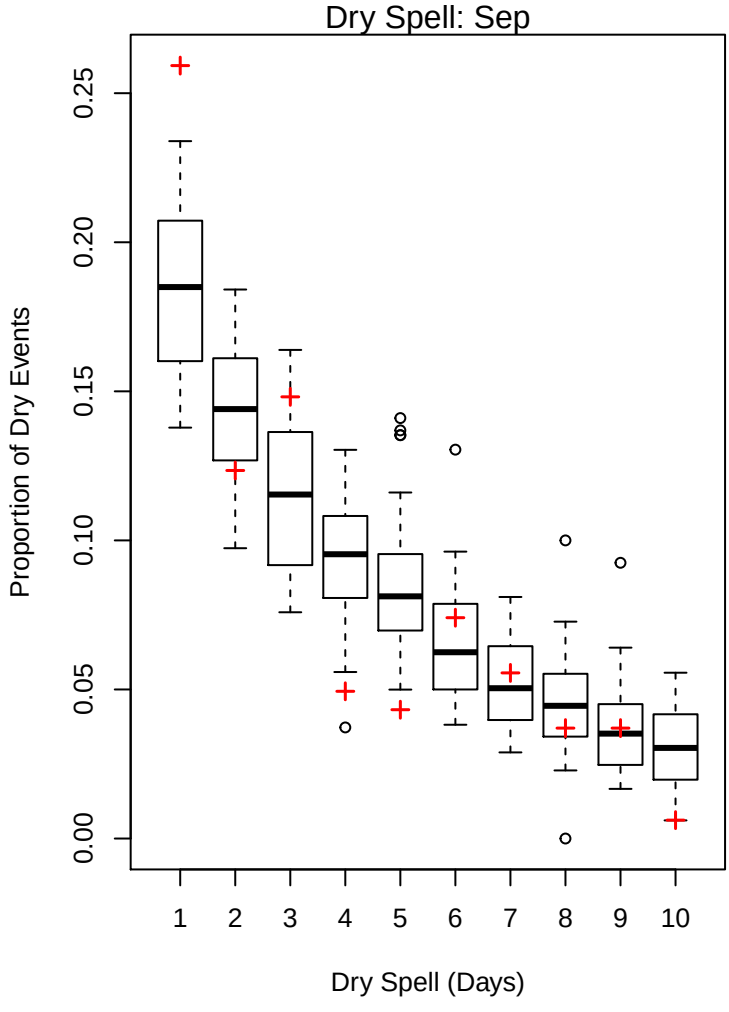

Wet Spell: Jun
Proportion of Wet Events
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

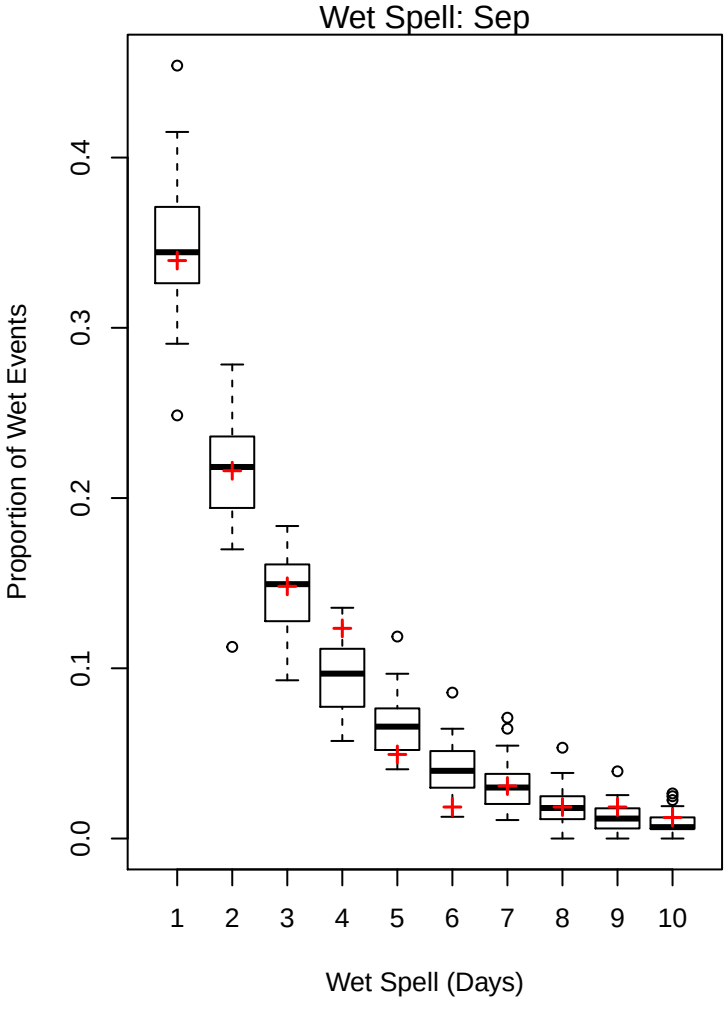

Dry Spell: Jul
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
0.30
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

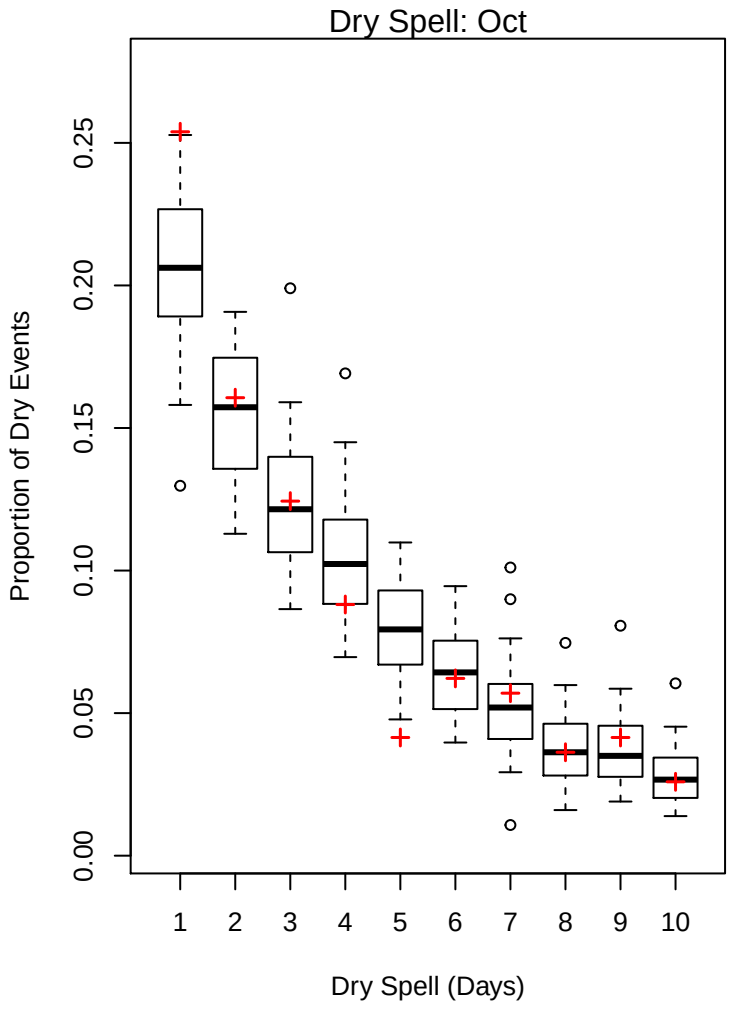

Wet Spell: Jul
Proportion of Wet Events
0.0
0.1
0.2
0.3
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

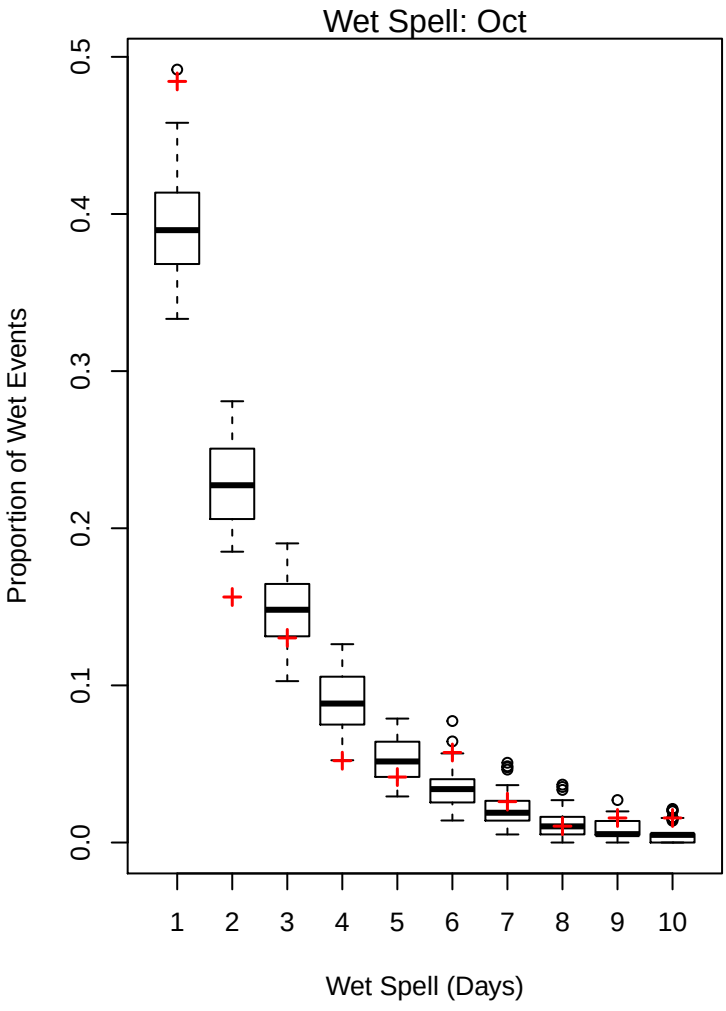

Dry Spell: Aug
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

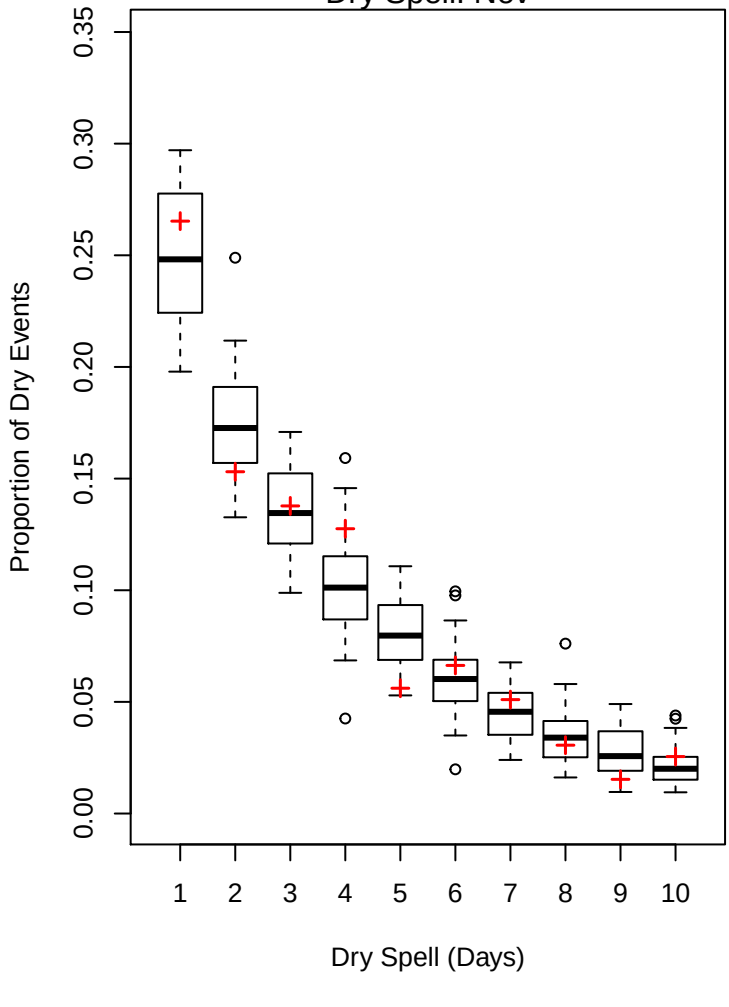

Wet Spell: Aug
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

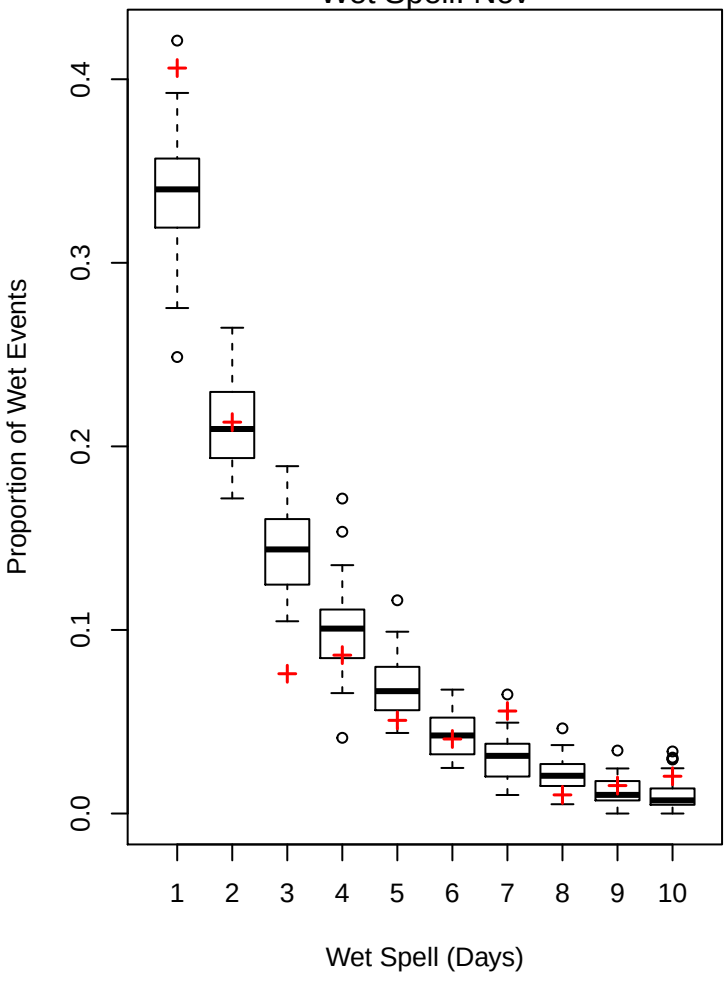

Dry Spell: Sep
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

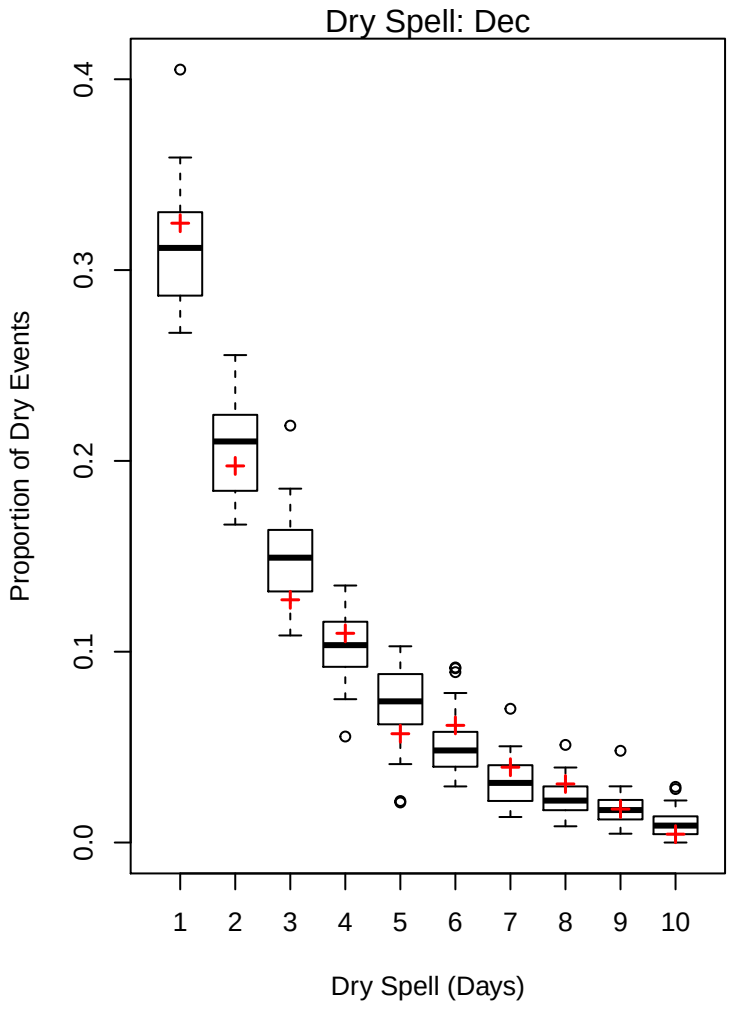

Wet Spell: Sep
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

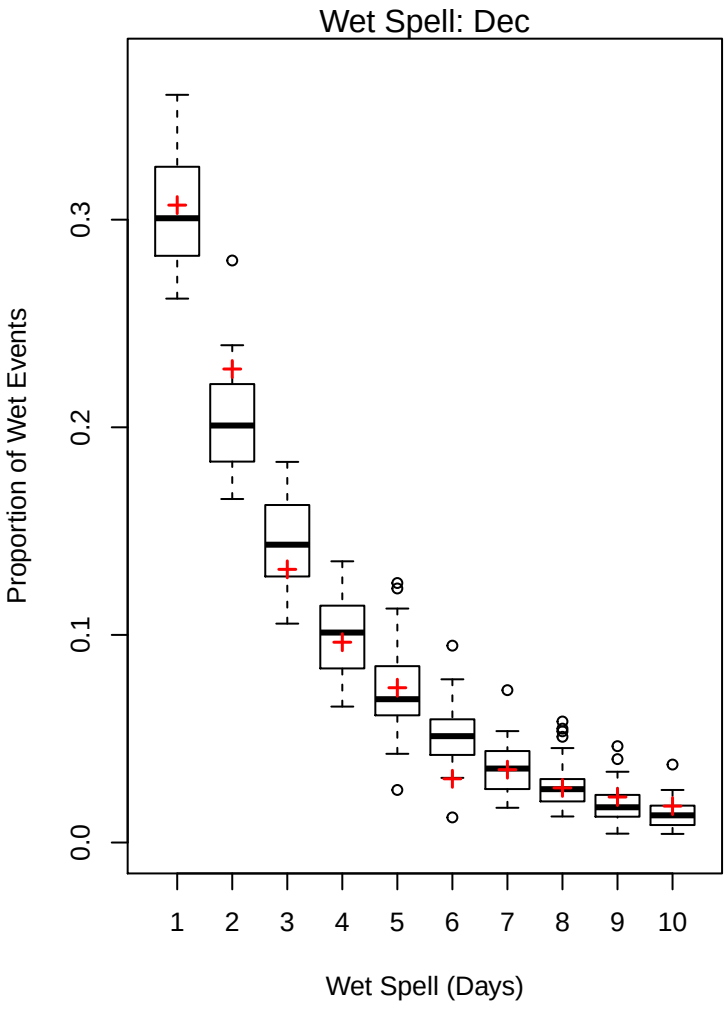

Dry Spell: Oct
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)


Wet Spell: Oct
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
0.5
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)


Dry Spell: Nov
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)


Wet Spell: Nov
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)


Dry Spell: Dec
Proportion of Dry Events
0.0
0.1
0.2
0.3
0.4
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)


Wet Spell: Dec
Proportion of Wet Events
0.0
0.1
0.2
0.3
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)