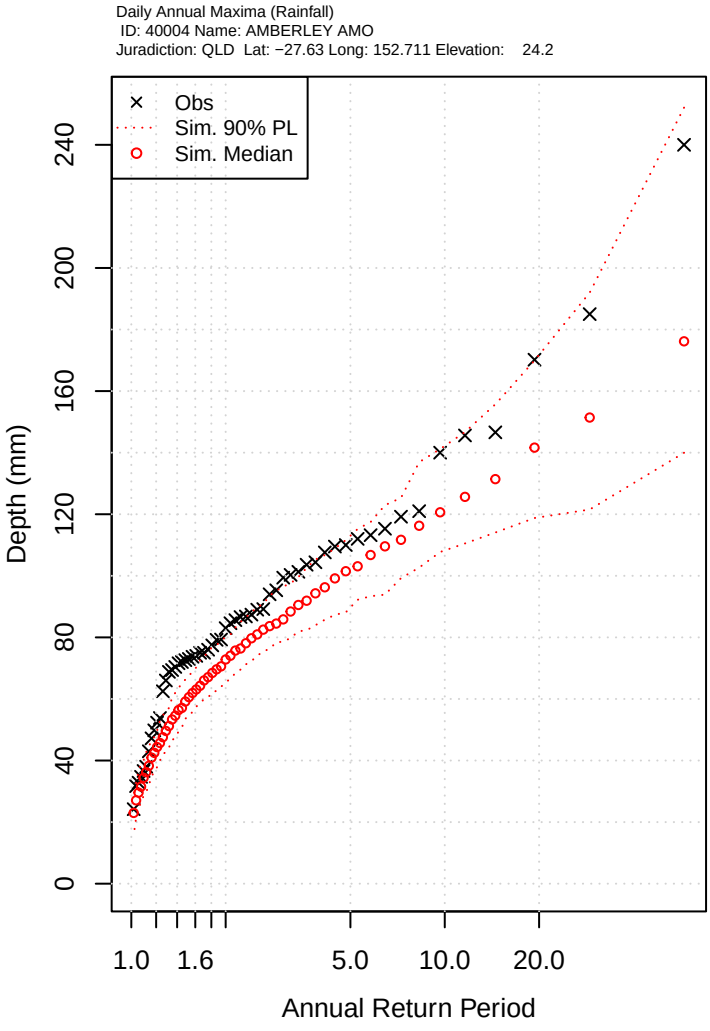
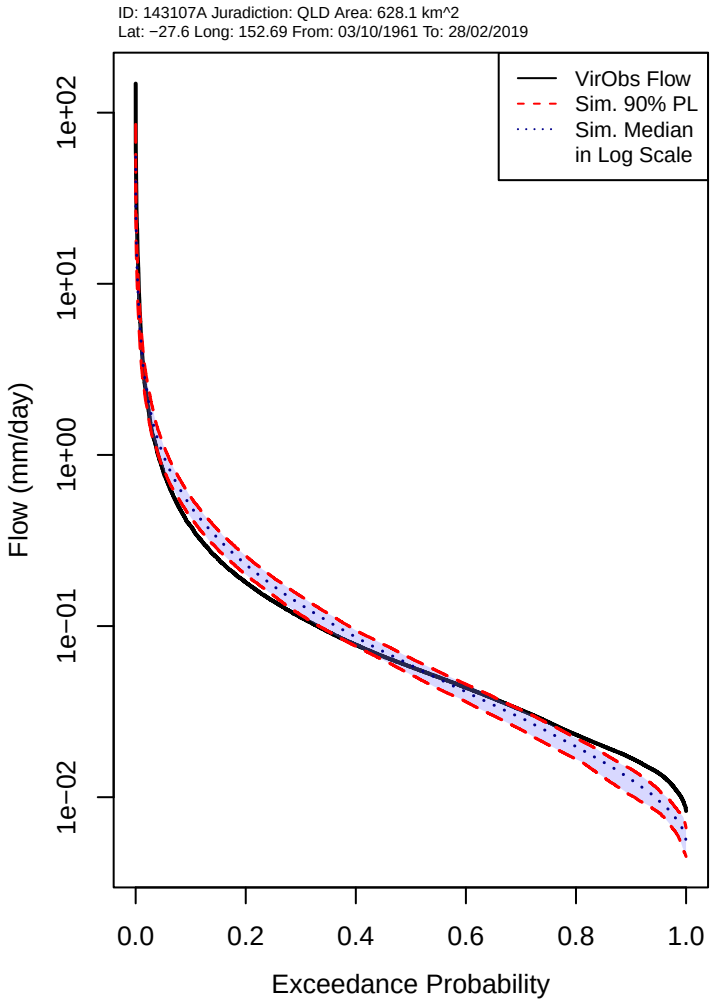
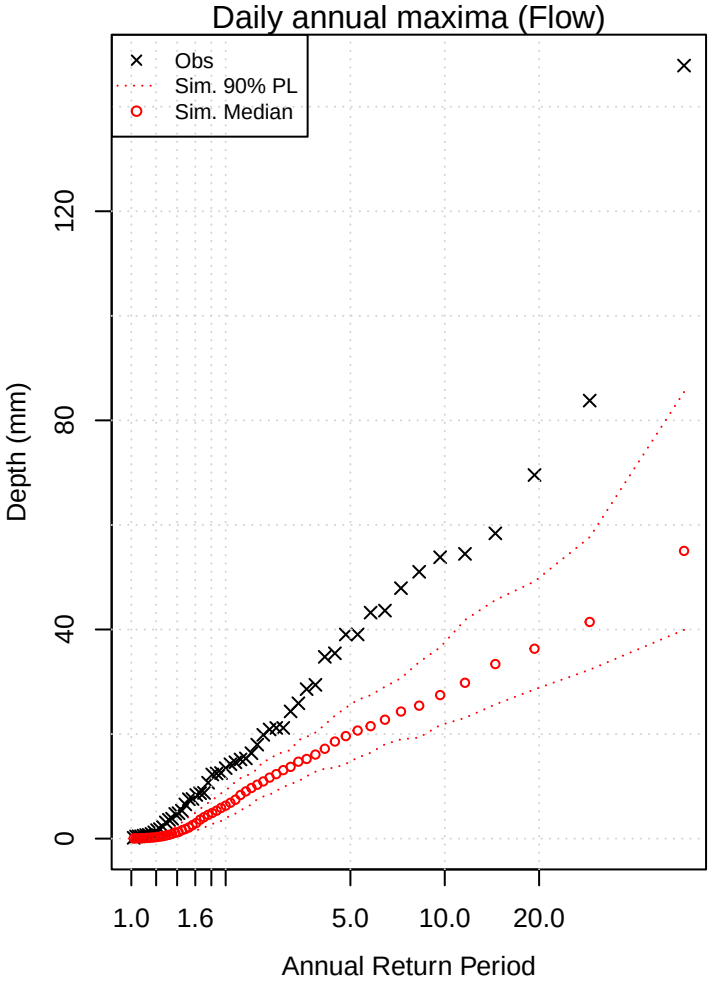
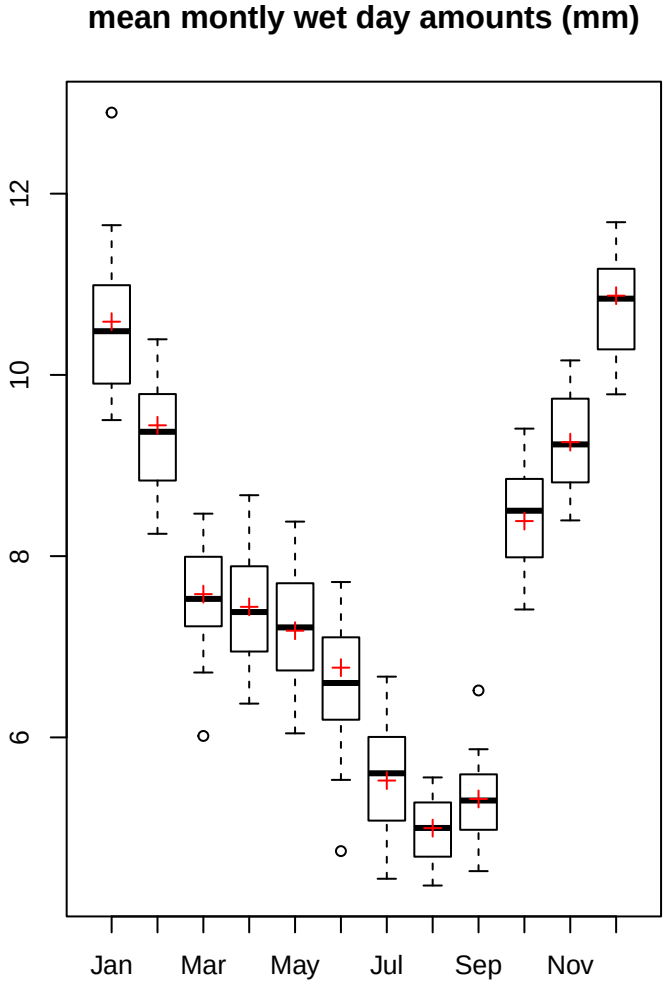
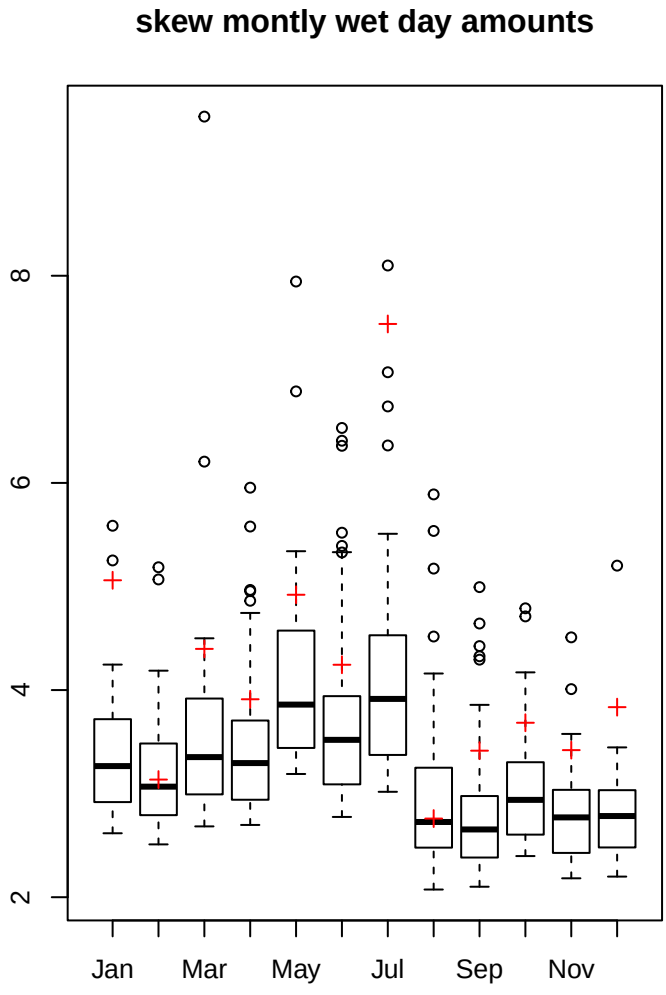
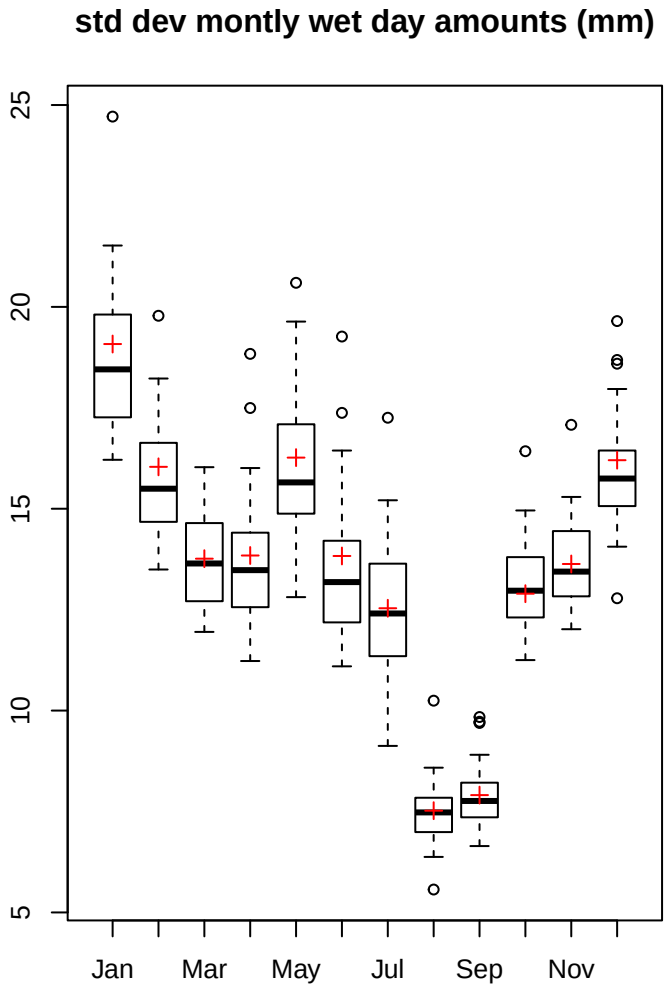

Daily Annual Maxima (Rainfall)
ID: 40004 Name: AMBERLEY AMO
Juradiction: QLD Lat: −27.63 Long: 152.711 Elevation: 24.2
Obs
Sim. 90% PL
Sim. Median
Depth (mm)
0
40
80
120
160
200
240
1.0
1.6
5.0
10.0
20.0
Annual Return Period

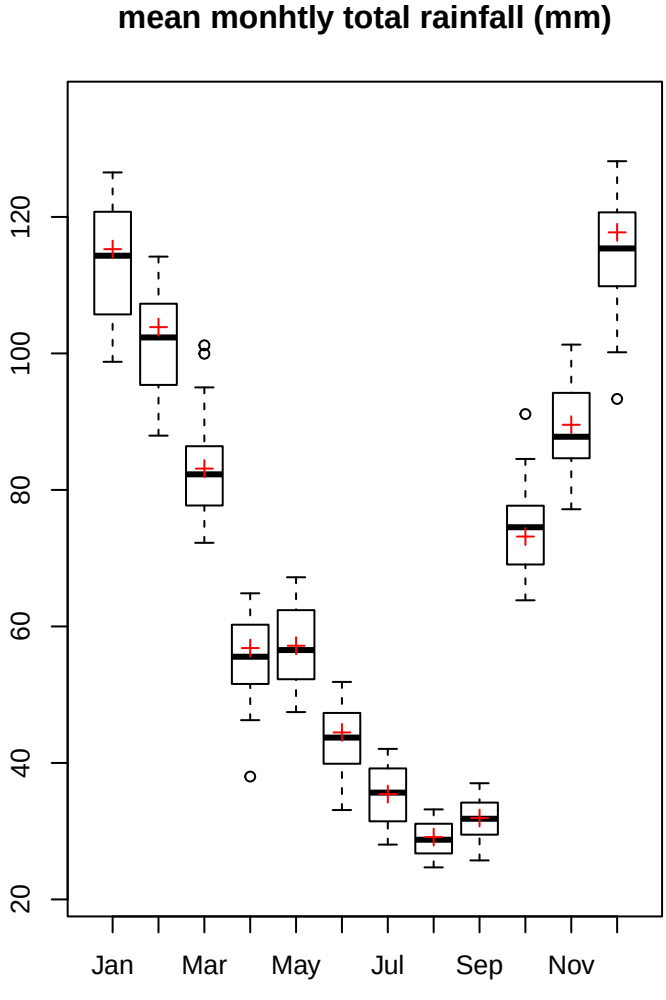

ID: 143107A Juradiction: QLD Area: 628.1 km^2
Lat: −27.6 Long: 152.69 From: 03/10/1961 To: 28/02/2019
VirObs Flow
Sim. 90% PL
Sim. Median
in Log Scale
Flow (mm/day)
1e−02
1e−01
1e+00
1e+01
1e+02
0.0
0.2
0.4
0.6
0.8
1.0
Exceedance Probability

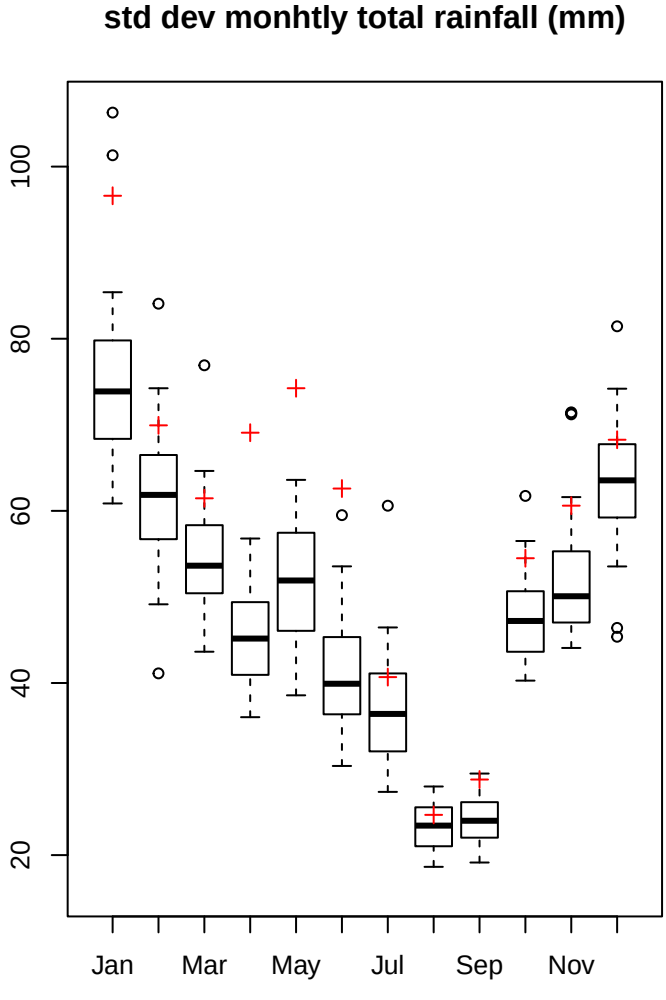

Daily annual maxima (Flow)
Obs
Sim. 90% PL
Sim. Median
Depth (mm)
0
40
80
120
1.0
1.6
5.0
10.0
20.0
Annual Return Period

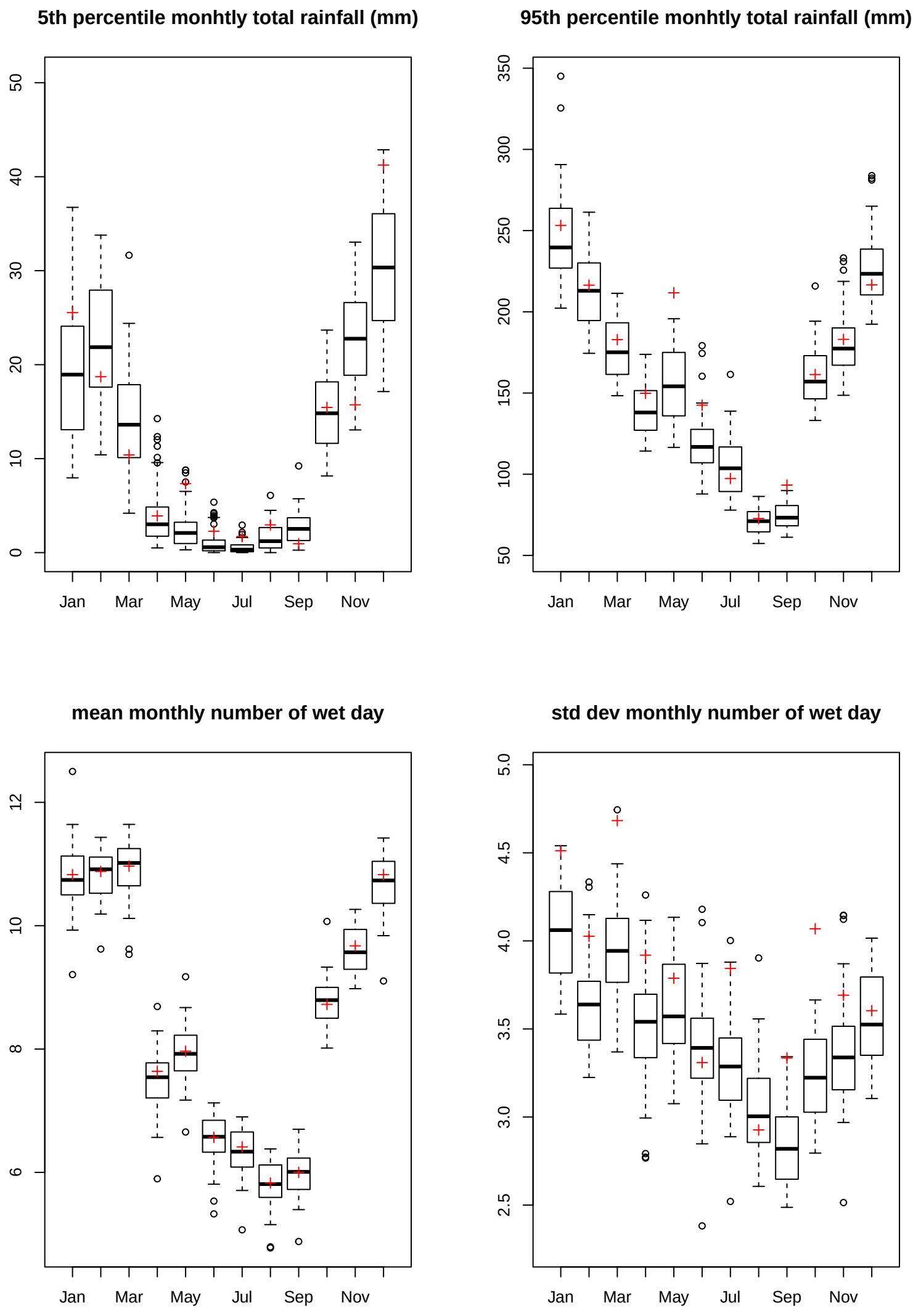

mean montly wet day amounts (mm)
6
8
10
12
Jan
Mar
May
Jul
Sep
Nov

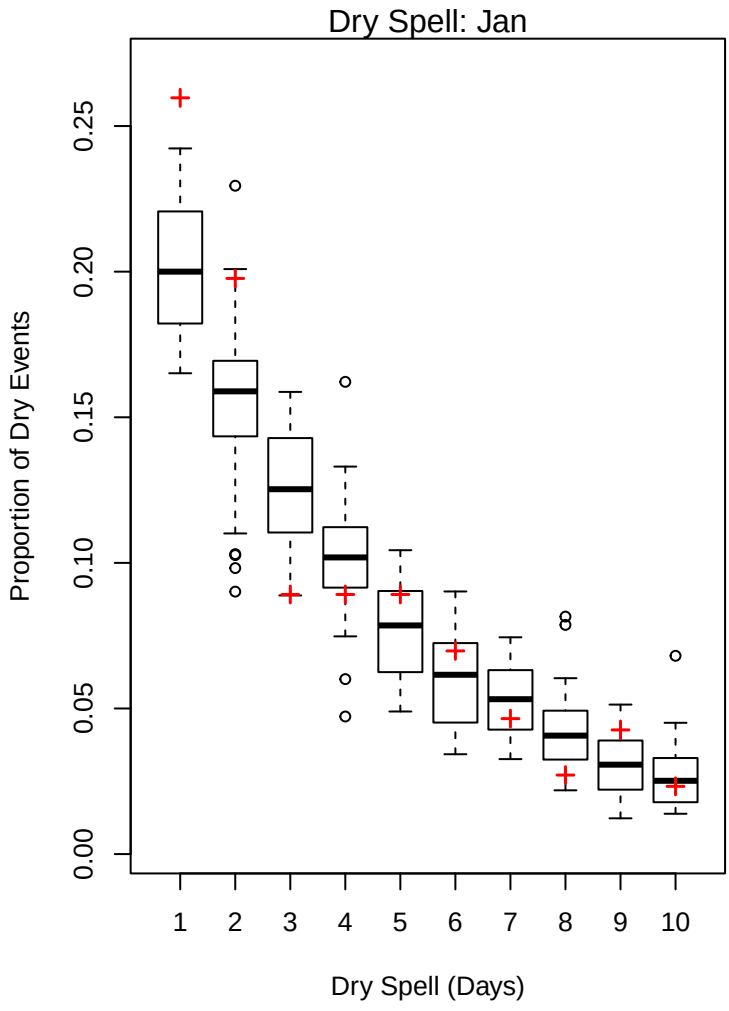

skew montly wet day amounts
2
4
6
8
Jan
Mar
May
Jul
Sep
Nov

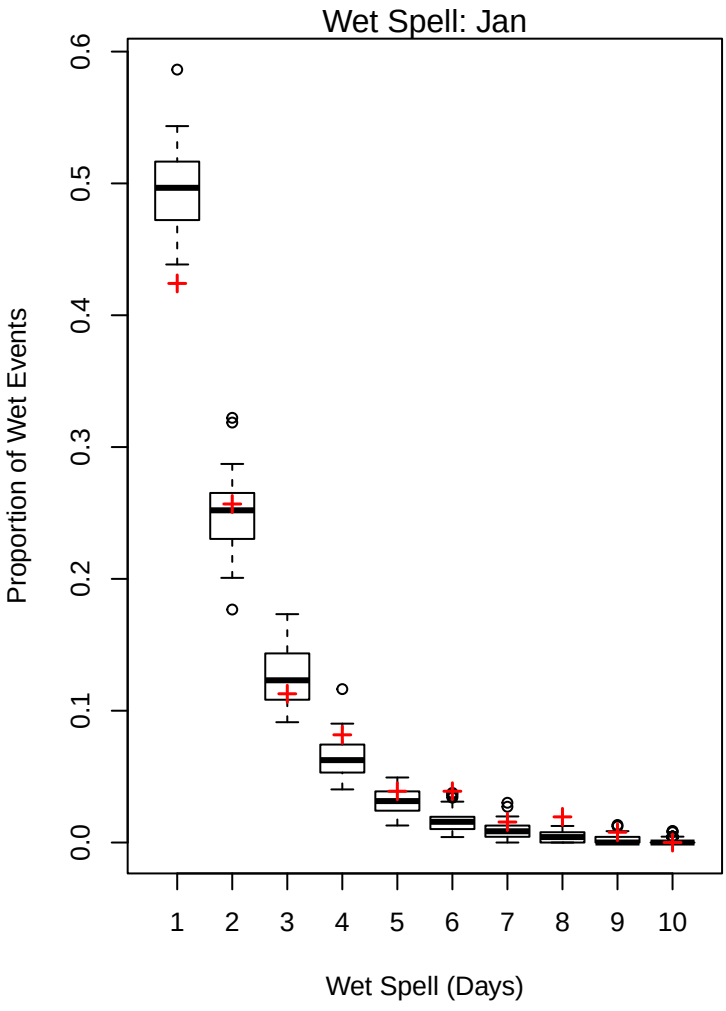

std dev montly wet day amounts (mm)
5
10
15
20
25
Jan
Mar
May
Jul
Sep
Nov

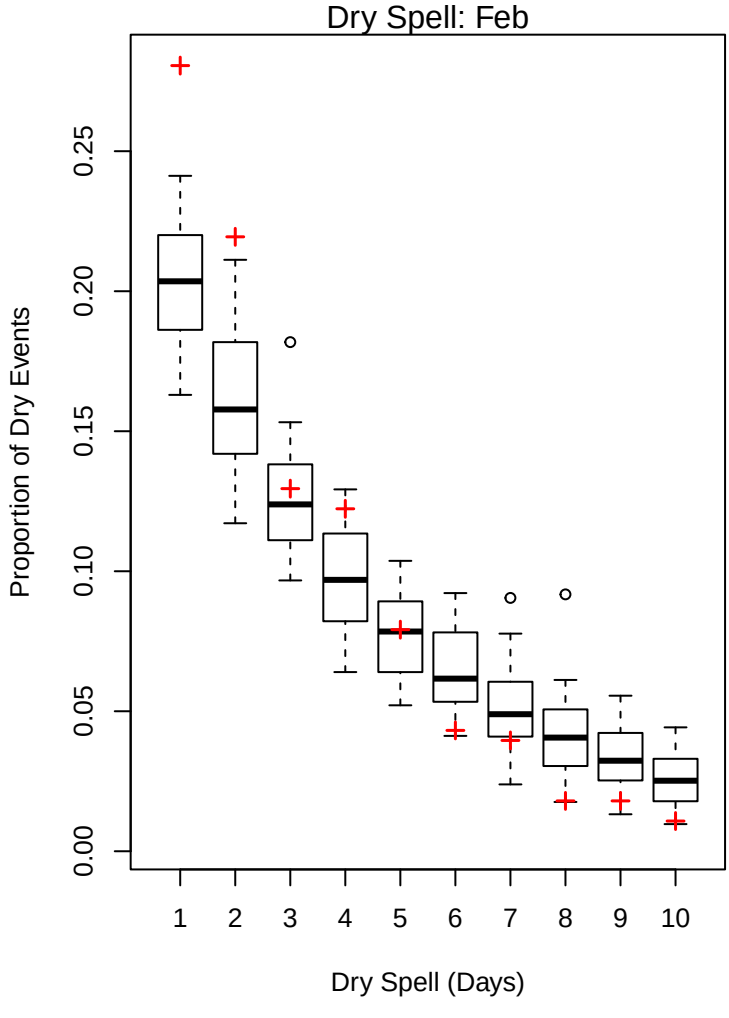

mean monhtly total rainfall (mm)
20
40
60
80
100
120
Jan
Mar
May
Jul
Sep
Nov

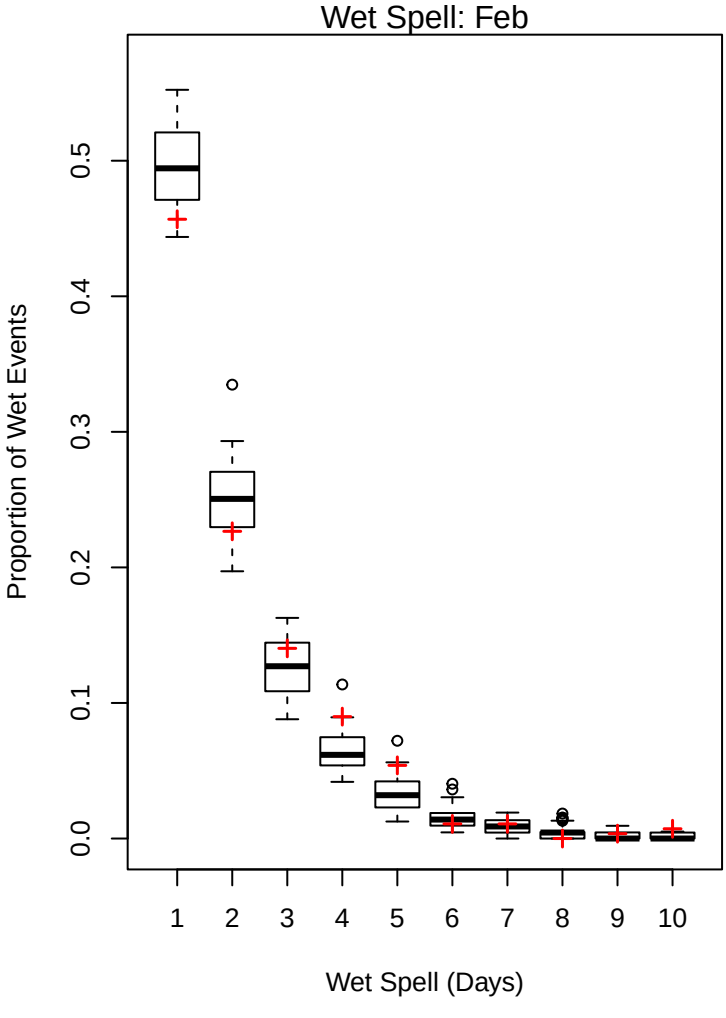

std dev monhtly total rainfall (mm)
20
40
60
80
100
Jan
Mar
May
Jul
Sep
Nov

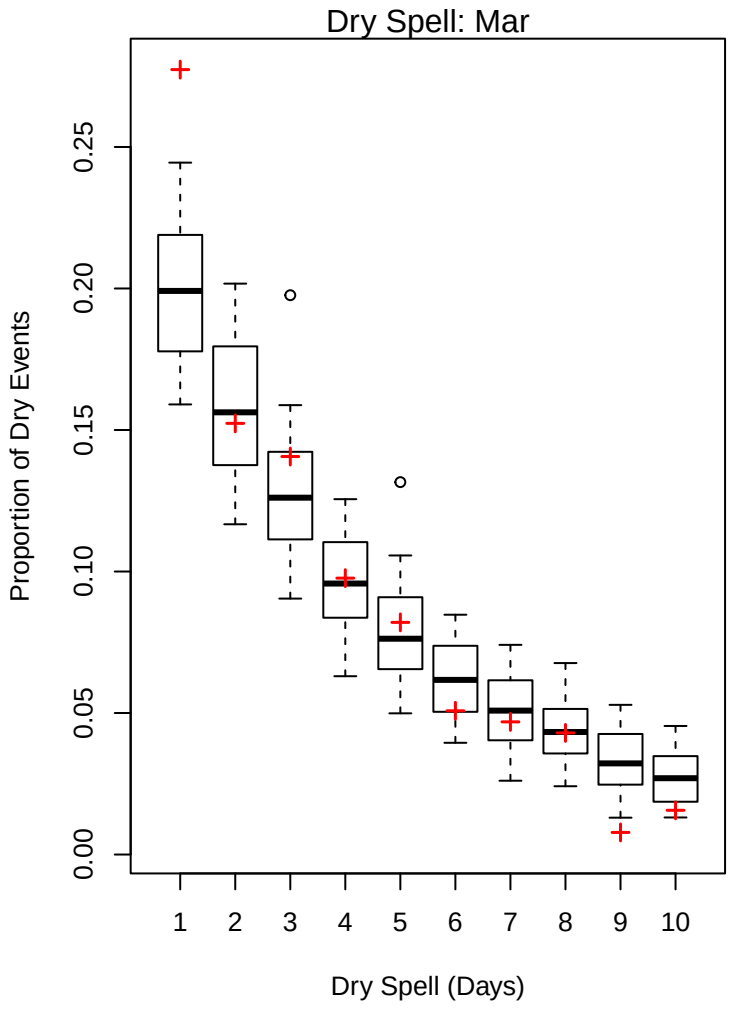

5th percentile monhtly total rainfall (mm)
0
10
20
30
40
50
Jan
Mar
May
Jul
Sep
Nov
95th percentile monhtly total rainfall (mm)
50
100
150
200
250
300
350
Jan
Mar
May
Jul
Sep
Nov
mean monthly number of wet day
6
8
10
12
Jan
Mar
May
Jul
Sep
Nov
std dev monthly number of wet day
2.5
3.0
3.5
4.0
4.5
5.0
Jan
Mar
May
Jul
Sep
Nov

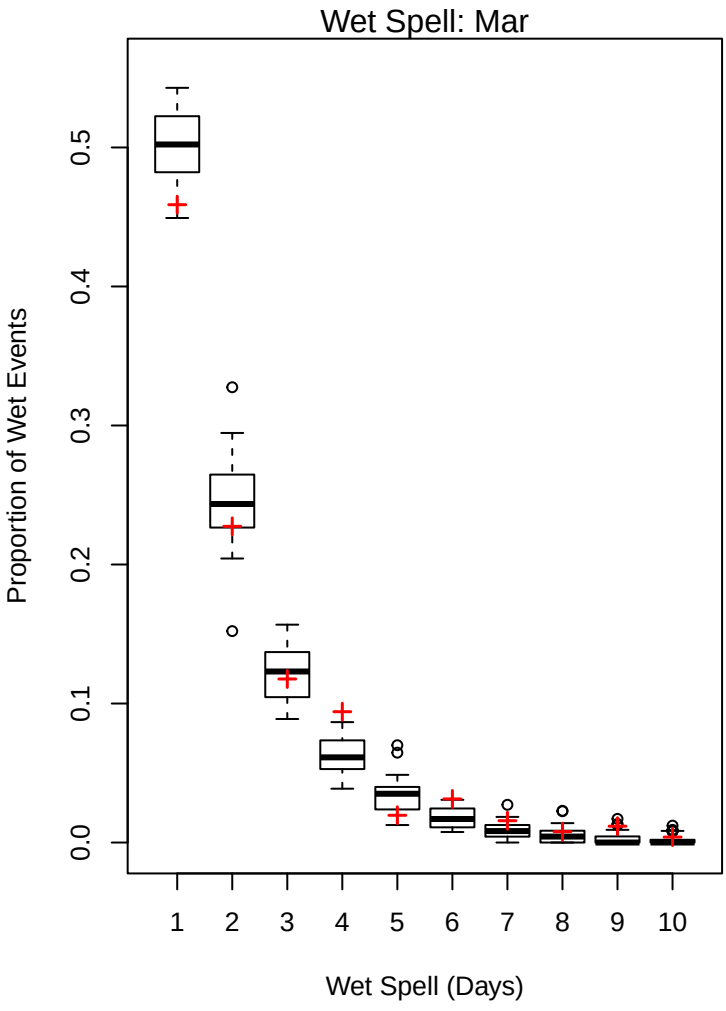

Dry Spell: Jan
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

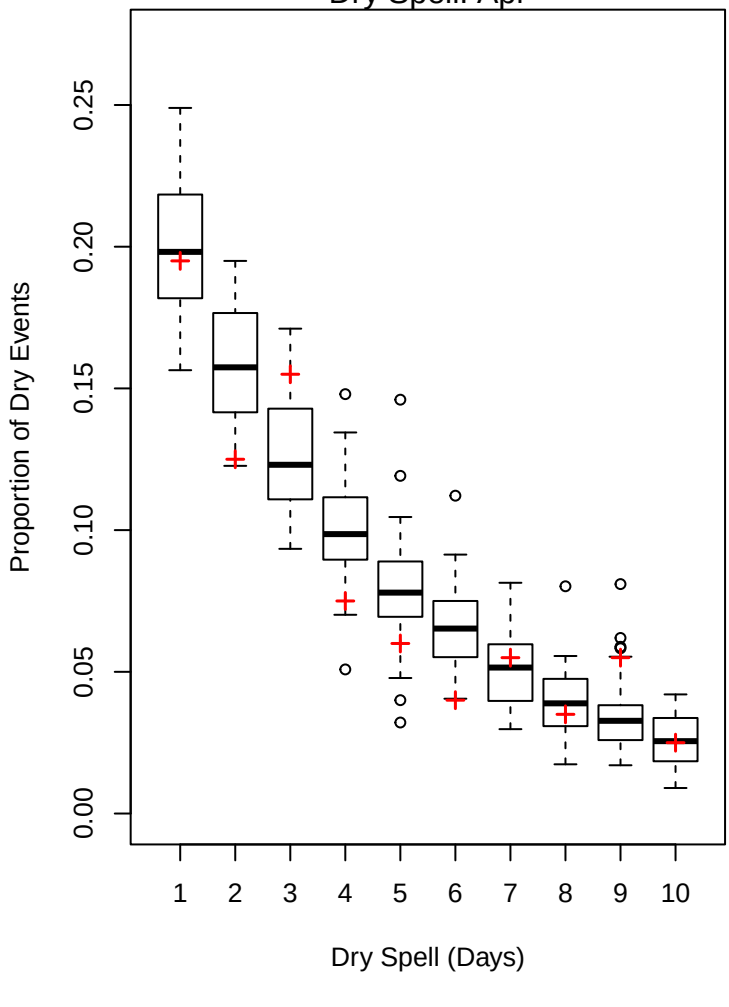

Wet Spell: Jan
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
0.5
0.6
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

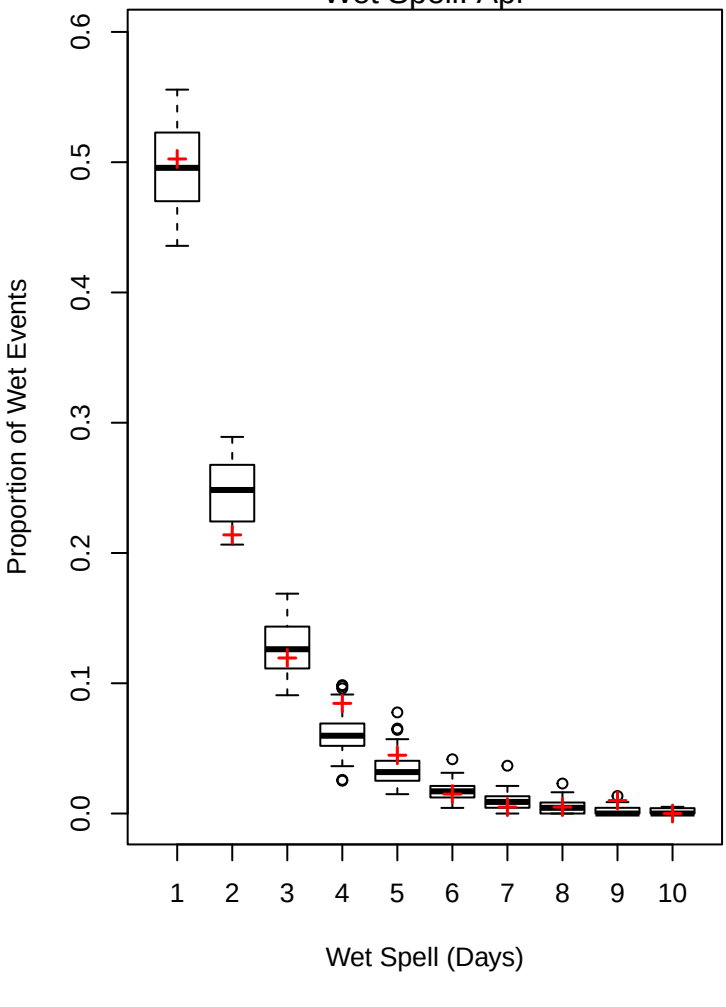

Dry Spell: Feb
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

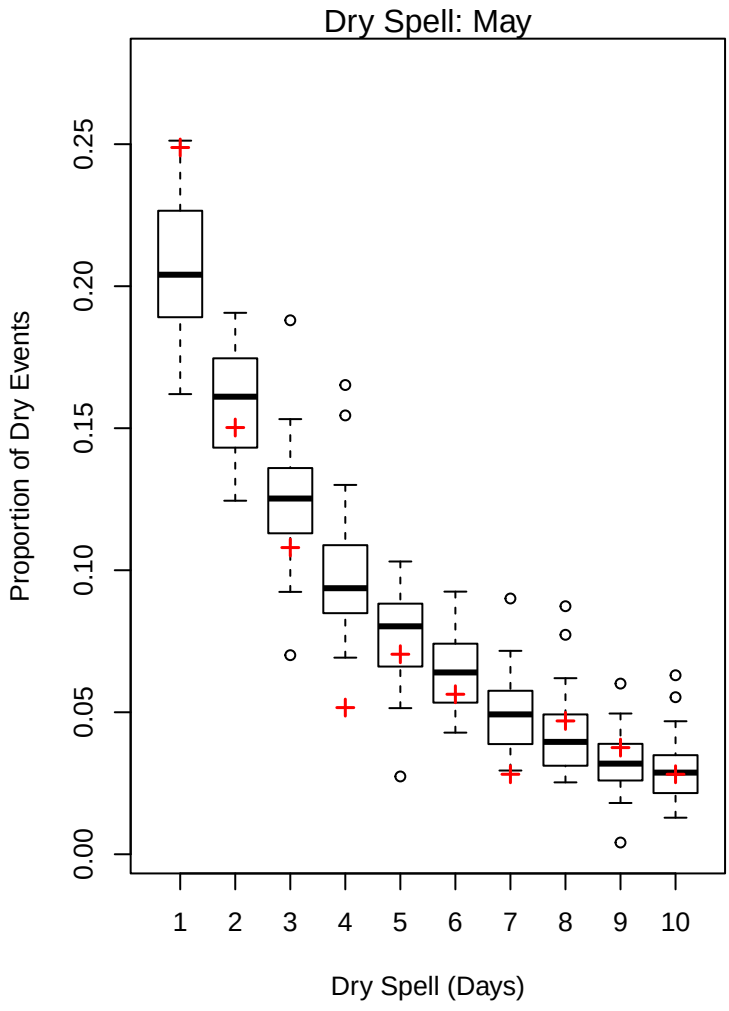

Wet Spell: Feb
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
0.5
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

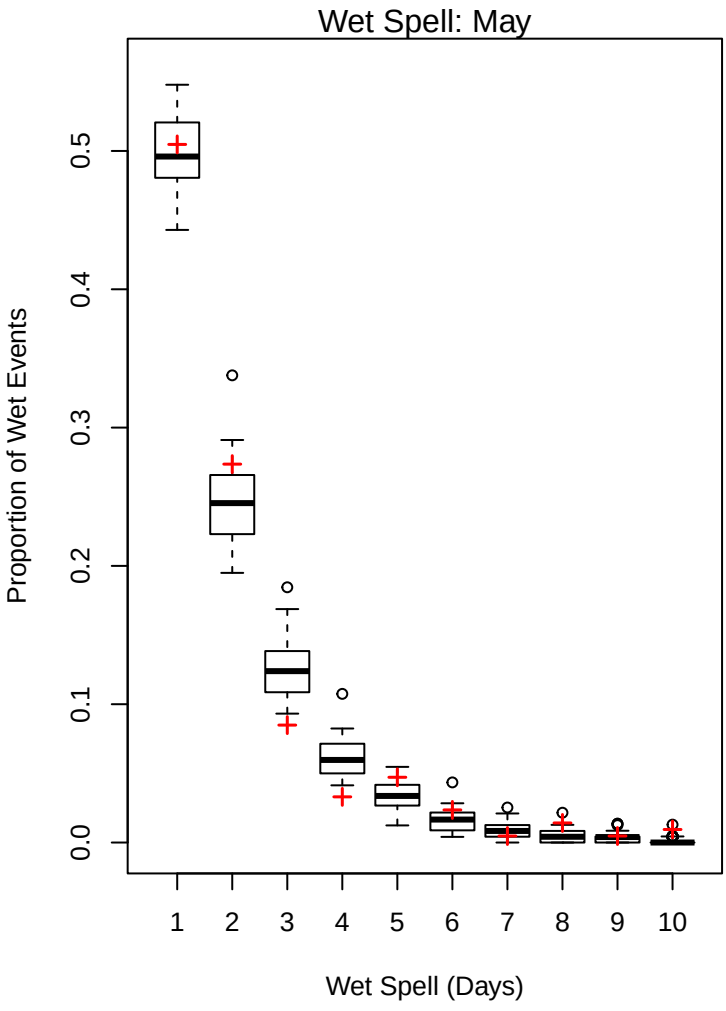

Dry Spell: Mar
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

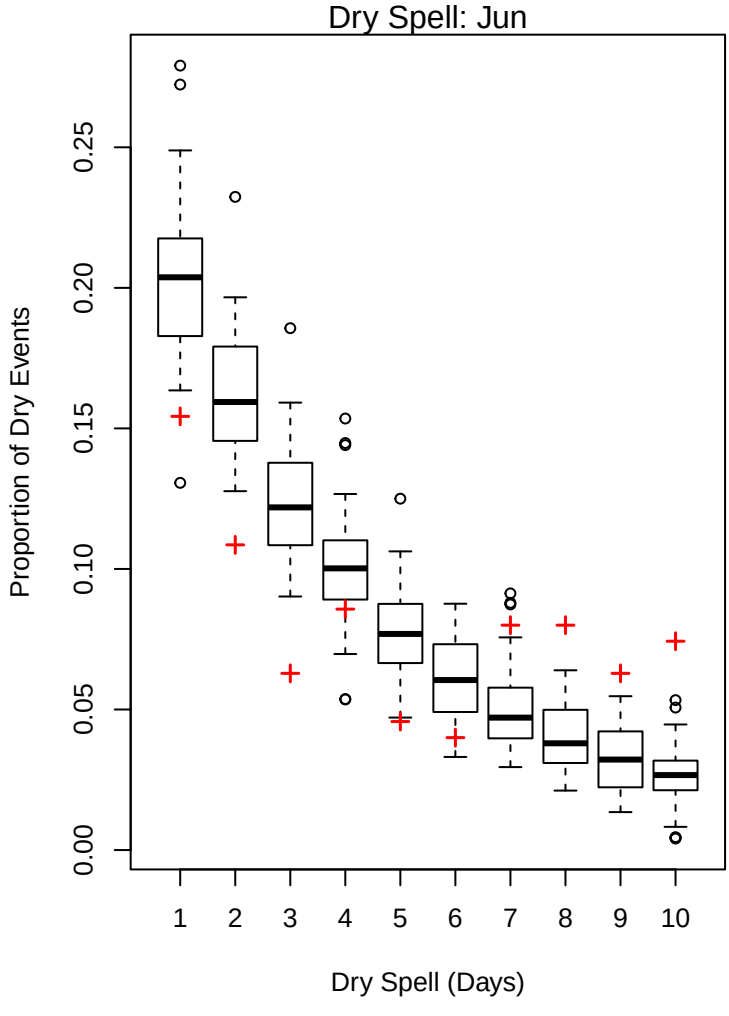

Wet Spell: Mar
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
0.5
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

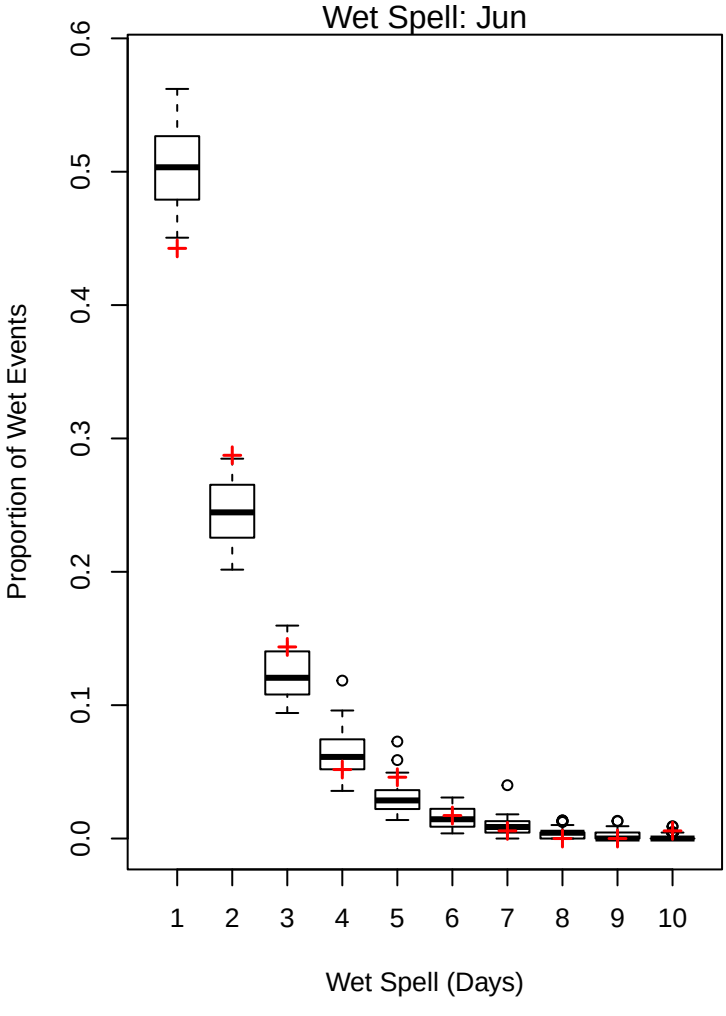

Dry Spell: Apr
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

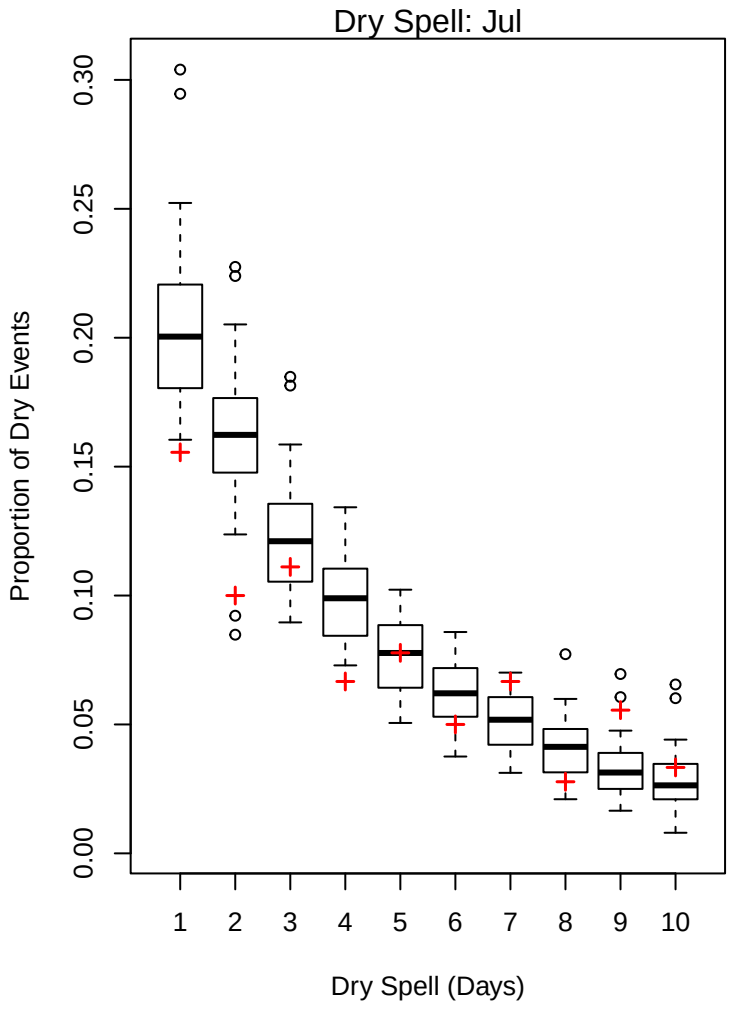

Wet Spell: Apr
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
0.5
0.6
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

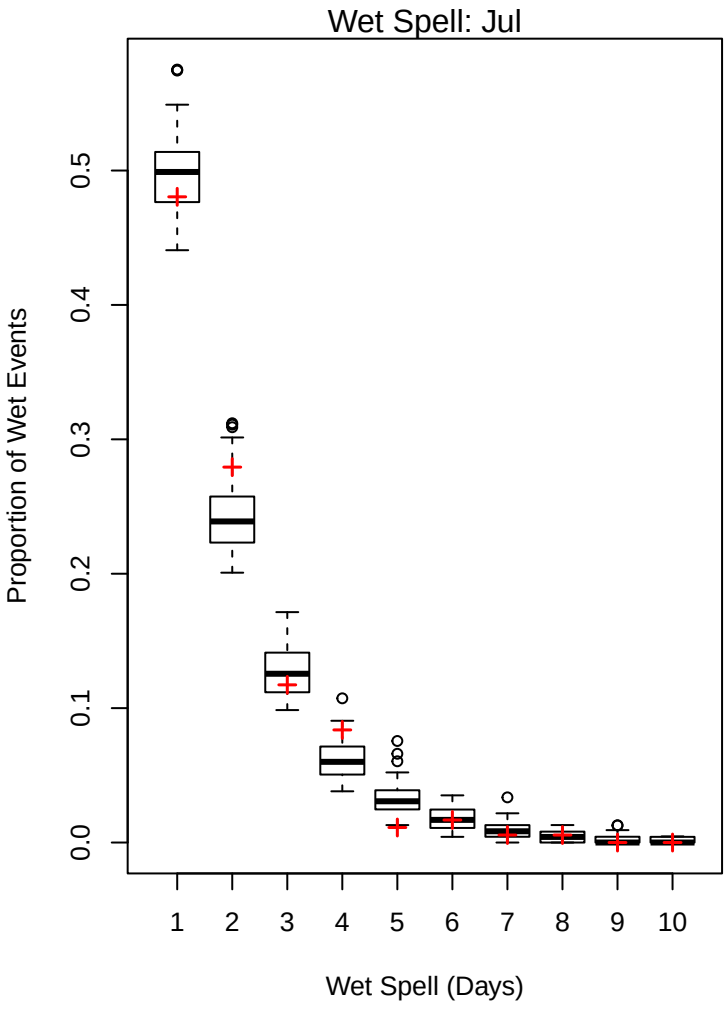

Dry Spell: May
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

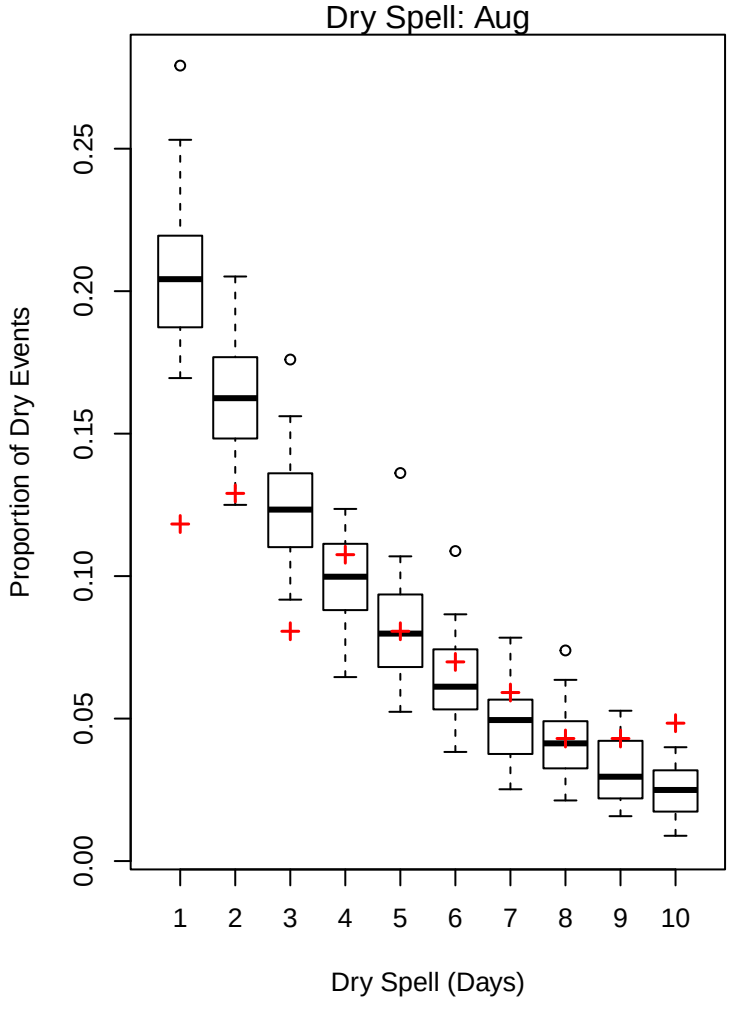

Wet Spell: May
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
0.5
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

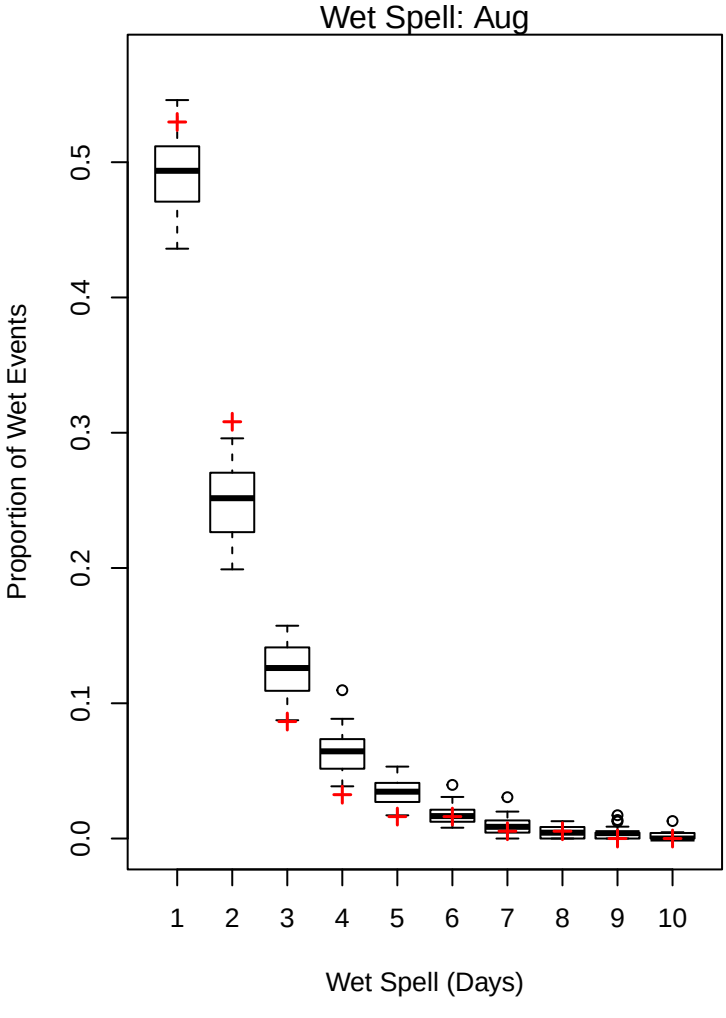

Dry Spell: Jun
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

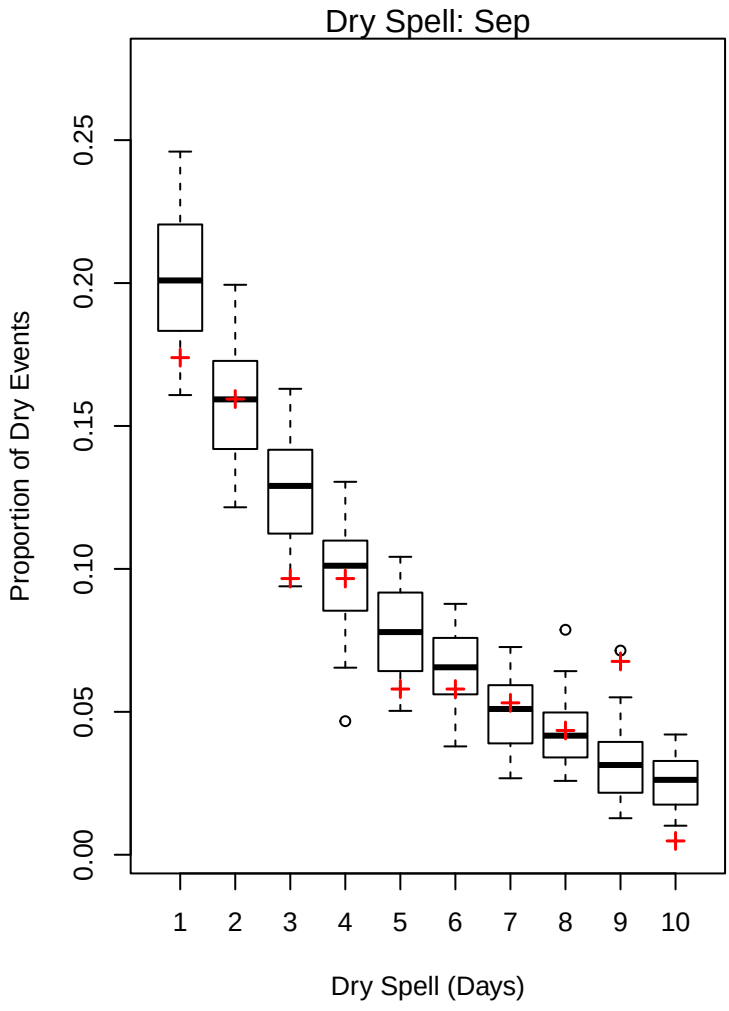

Wet Spell: Jun
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
0.5
0.6
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

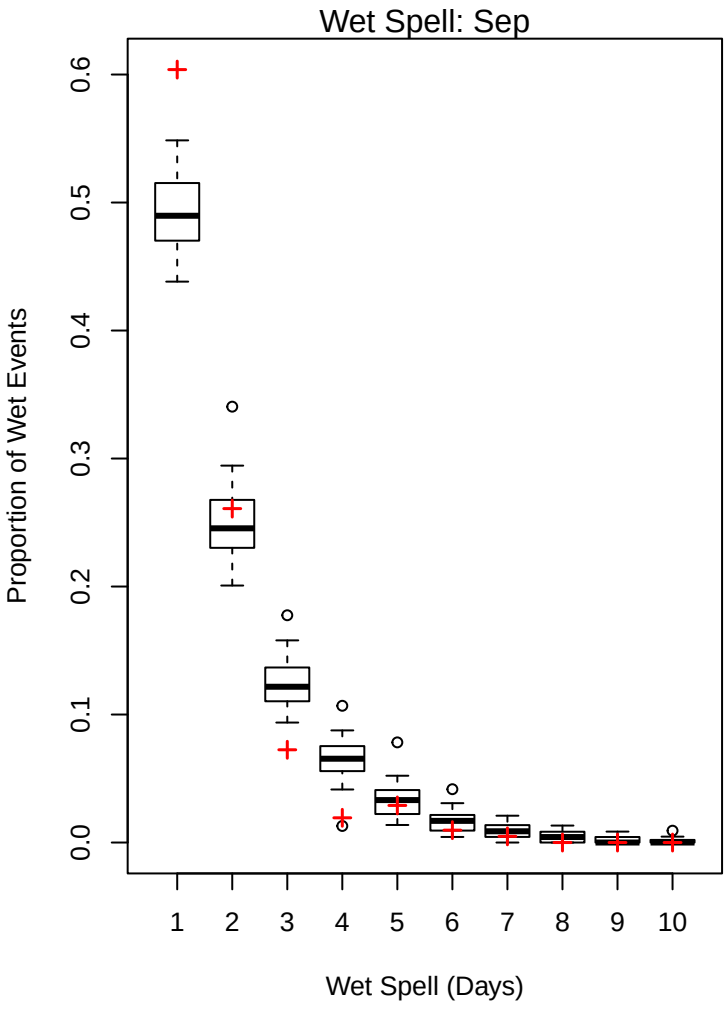

Dry Spell: Jul
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
0.30
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

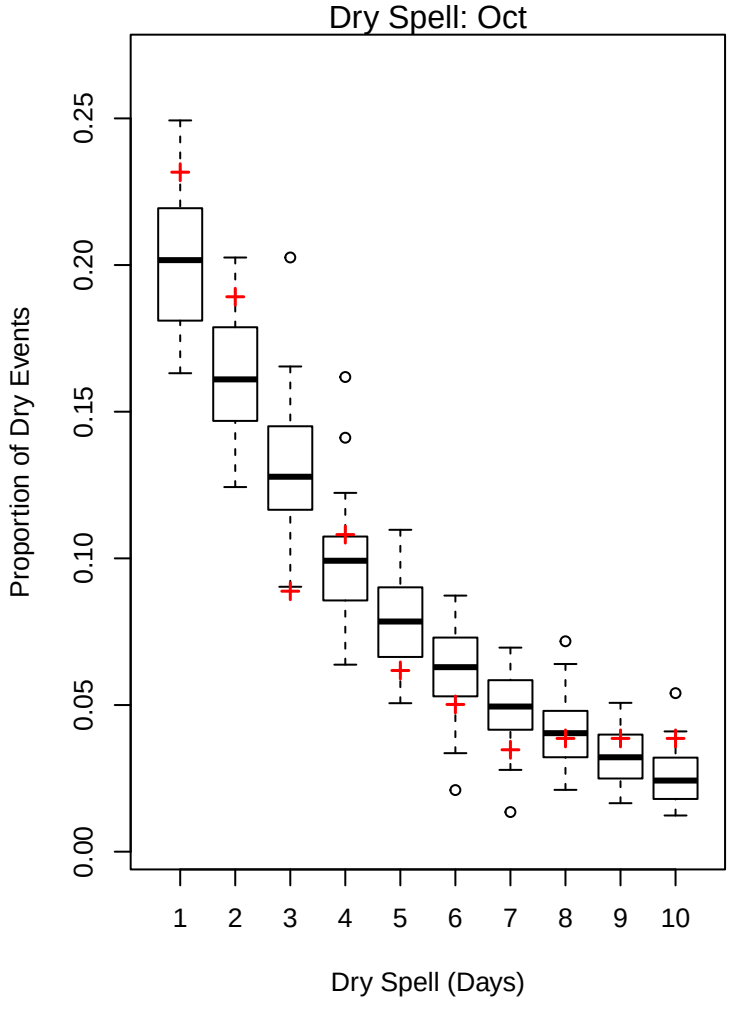

Wet Spell: Jul
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
0.5
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

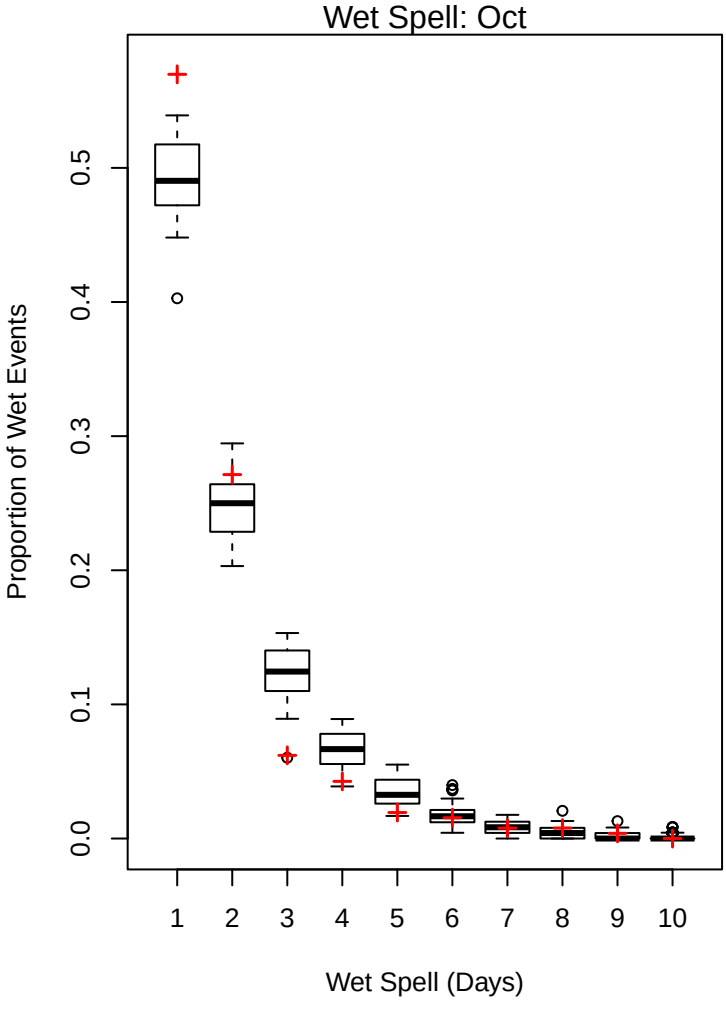

Dry Spell: Aug
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

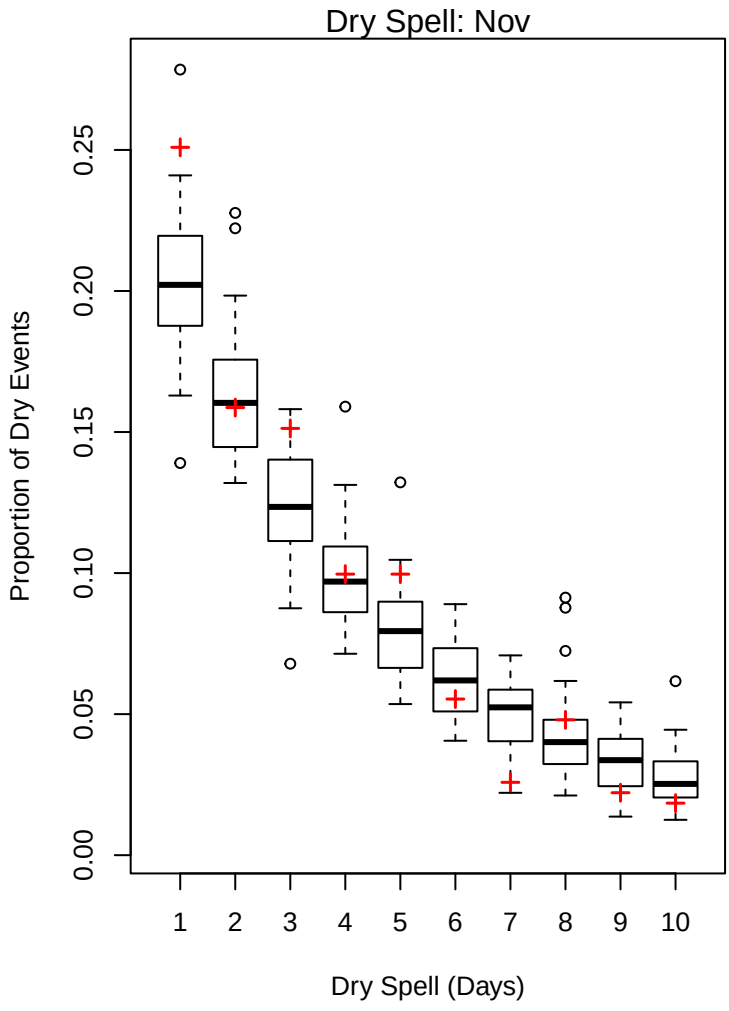

Wet Spell: Aug
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
0.5
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

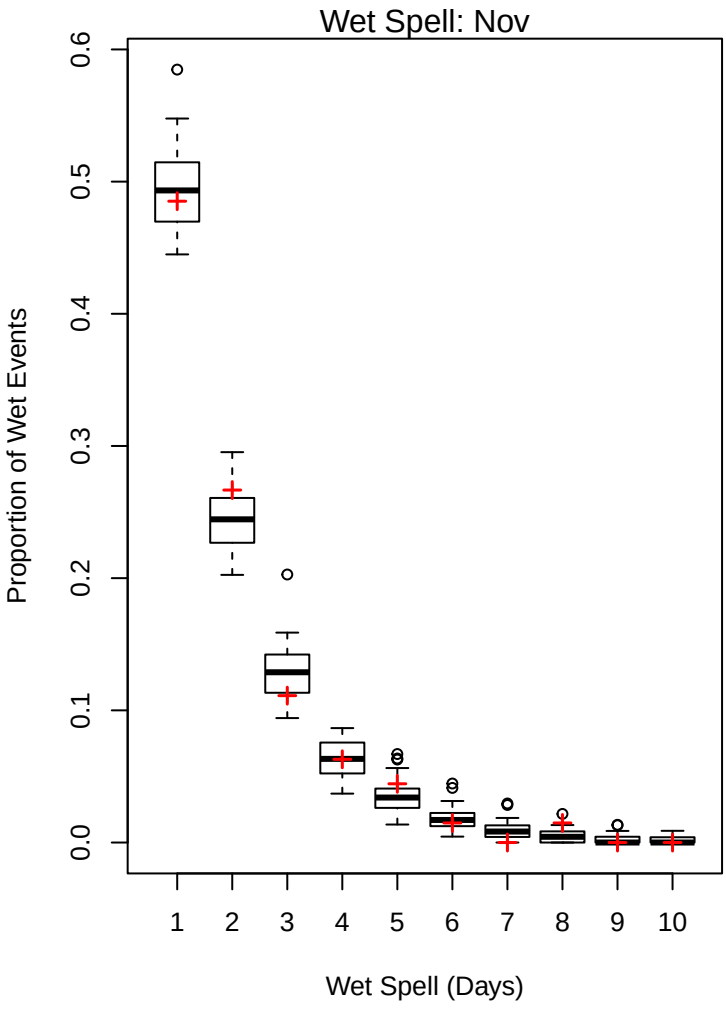

Dry Spell: Sep
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)

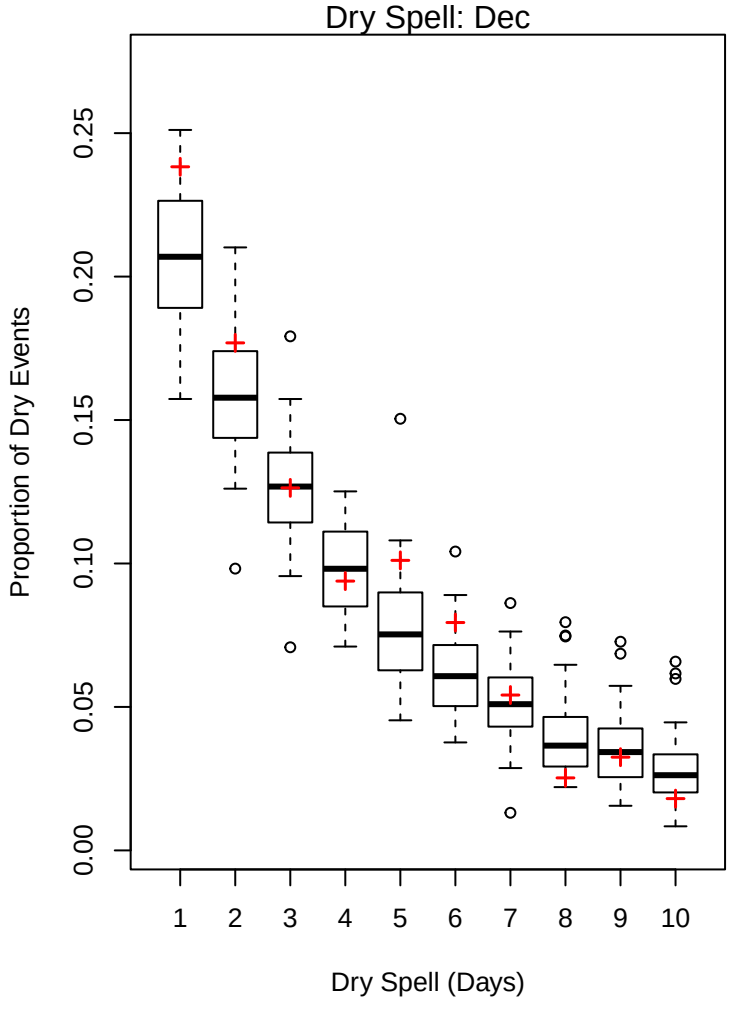

Wet Spell: Sep
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
0.5
0.6
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)

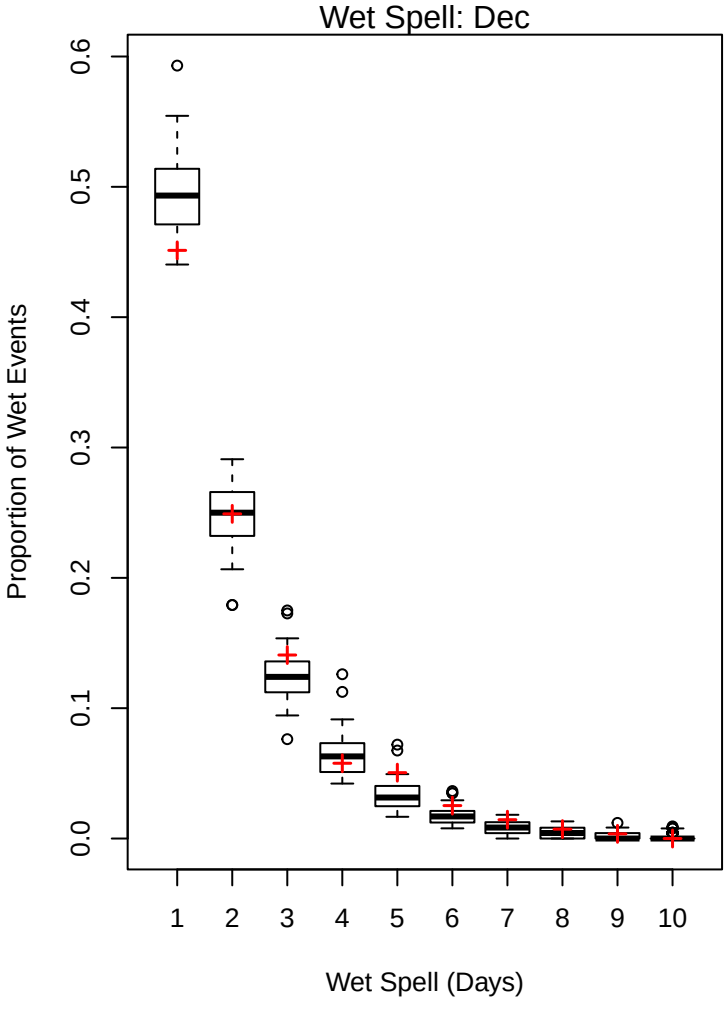

Dry Spell: Oct
Proportion of Dry Events
0.00
0.05
0.10
0.15
0.20
0.25
1
2
3
4
5
6
7
8
9
10
Dry Spell (Days)


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
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
0.5
0.6
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)


Dry Spell: Dec
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: Dec
Proportion of Wet Events
0.0
0.1
0.2
0.3
0.4
0.5
0.6
1
2
3
4
5
6
7
8
9
10
Wet Spell (Days)