freq=1, start=1, circles=10, rep=1

freq=1, start=1, circles=10, rep=2

180 190

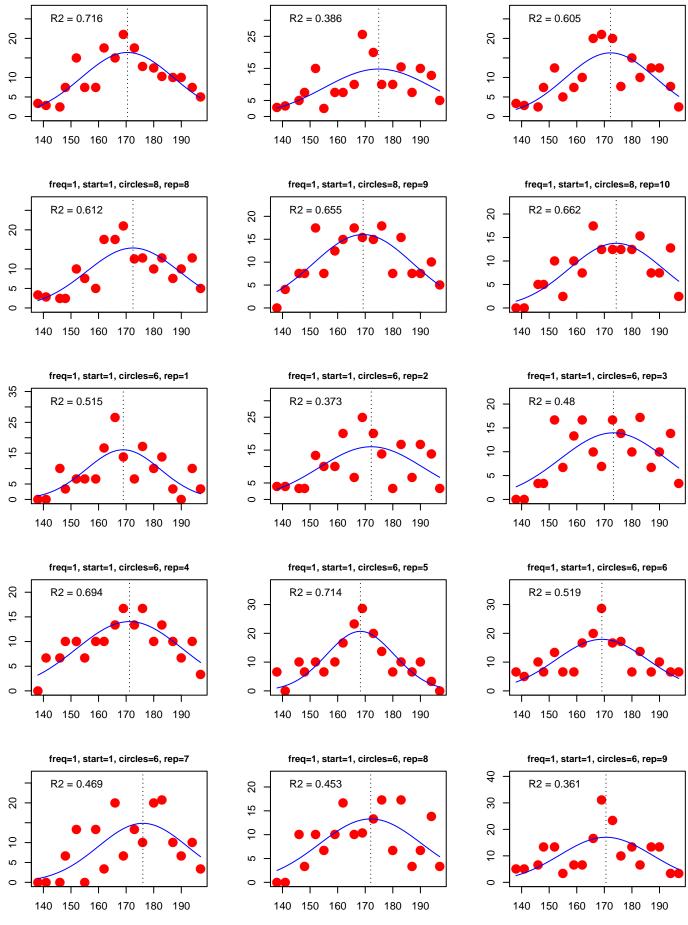
 freq=1, start=1, circles=12, rep=1

150 160 170 180

Julian day

150 160 170 180

freq=1, start=1, circles=8, rep=5



freq=1, start=1, circles=8, rep=6

freq=1, start=1, circles=8, rep=7

Julian day

freq=1, start=1, circles=4, rep=1

freq=1, start=1, circles=4, rep=2

freq=1, start=1, circles=6, rep=10

Julian day

freq=1, start=1, circles=2, rep=6

freq=1, start=1, circles=2, rep=7

freq=1, start=1, circles=2, rep=5

140 150

160 170

180 190

Julian day

140 150

170 180

140 150

freq=2, start=1, circles=10, rep=10

freq=2, start=1, circles=8, rep=1

freq=2, start=1, circles=10, rep=9

Julian day

170 180

140 150

170 180

150 160

150 160 170 180

freq=2, start=1, circles=6, rep=5

freq=2, start=1, circles=6, rep=6

freq=2, start=1, circles=6, rep=4

140 150 160 170

180 190

Julian day

160 170 180

140 150

freq=2, start=1, circles=4, rep=10

freq=2, start=1, circles=2, rep=1

freq=2, start=1, circles=4, rep=9

150 160 170 180

Julian day

150 160 170 180

140 150 160

170 180

freq=2, start=2, circles=10, rep=4

freq=2, start=2, circles=10, rep=5

freq=2, start=2, circles=10, rep=3

150 160 170 180 190

Julian day

140 150 160 170 180

150 160

freq=2, start=2, circles=8, rep=9

freq=2, start=2, circles=8, rep=10

freq=2, start=2, circles=8, rep=8

Julian day

150 160 170 180

140 150

150 160 170

150 160 170

freq=2, start=2, circles=4, rep=4

freq=2, start=2, circles=4, rep=5

180 190

180 190

160 170

freq=2, start=2, circles=4, rep=3

Julian day

170 180

150 160

freq=2, start=2, circles=2, rep=9

freq=2, start=2, circles=2, rep=10

freq=2, start=2, circles=2, rep=8

140 150

160 170 180

Julian day

170 180

140 150

150 160

freq=3, start=1, circles=8, rep=3

freq=3, start=1, circles=8, rep=4

freq=3, start=1, circles=8, rep=2

Julian day

150 160 170 180

140 150

160 170

140 150

freq=3, start=1, circles=6, rep=8

freq=3, start=1, circles=6, rep=9

freq=3, start=1, circles=6, rep=7

150 160 170

170 180 Julian day

freq=3, start=1, circles=2, rep=3

freq=3, start=1, circles=2, rep=4

freq=3, start=1, circles=2, rep=2

Julian day

freq=3, start=2, circles=10, rep=7

freq=3, start=2, circles=10, rep=8

freq=3, start=2, circles=10, rep=6

Julian day

170 180

140 150

150 160

140 150

freq=3, start=2, circles=6, rep=2

freq=3, start=2, circles=6, rep=3

 freq=3, start=2, circles=6, rep=1

160 170

170 180 Julian day

freq=3, start=2, circles=4, rep=7

freq=3, start=2, circles=4, rep=8

freq=3, start=2, circles=4, rep=6

140 150

160 170 180 190

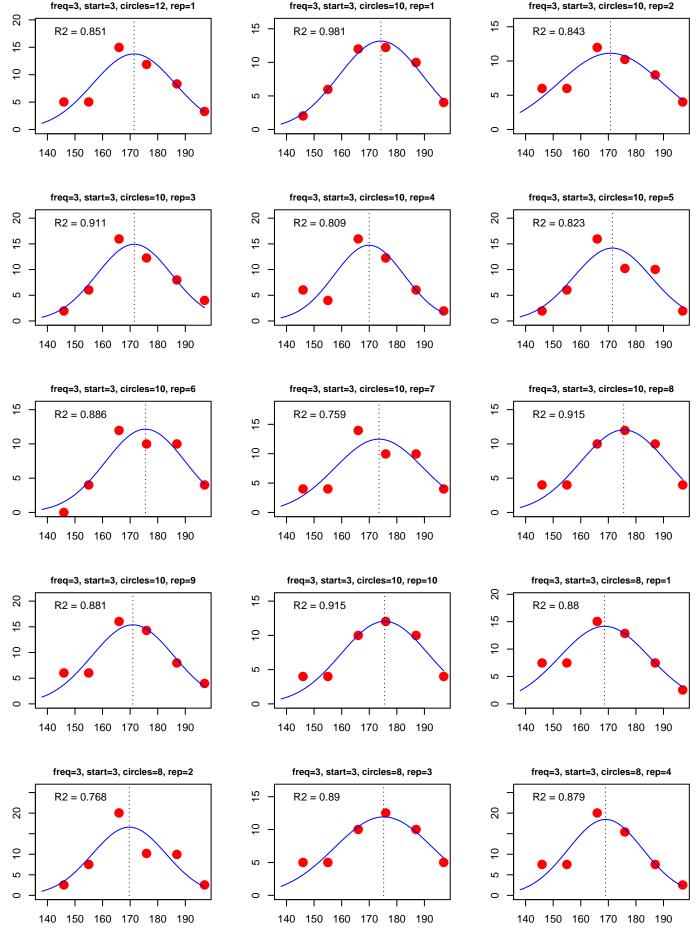
Julian day

140 150 160

140 150

160 170 180

170 180



Julian day

freq=3, start=3, circles=8, rep=6

freq=3, start=3, circles=8, rep=7

freq=3, start=3, circles=8, rep=5

140 150

Julian day

170 180

140 150

160 170

140 150 160

freq=3, start=3, circles=4, rep=1

freq=3, start=3, circles=4, rep=2

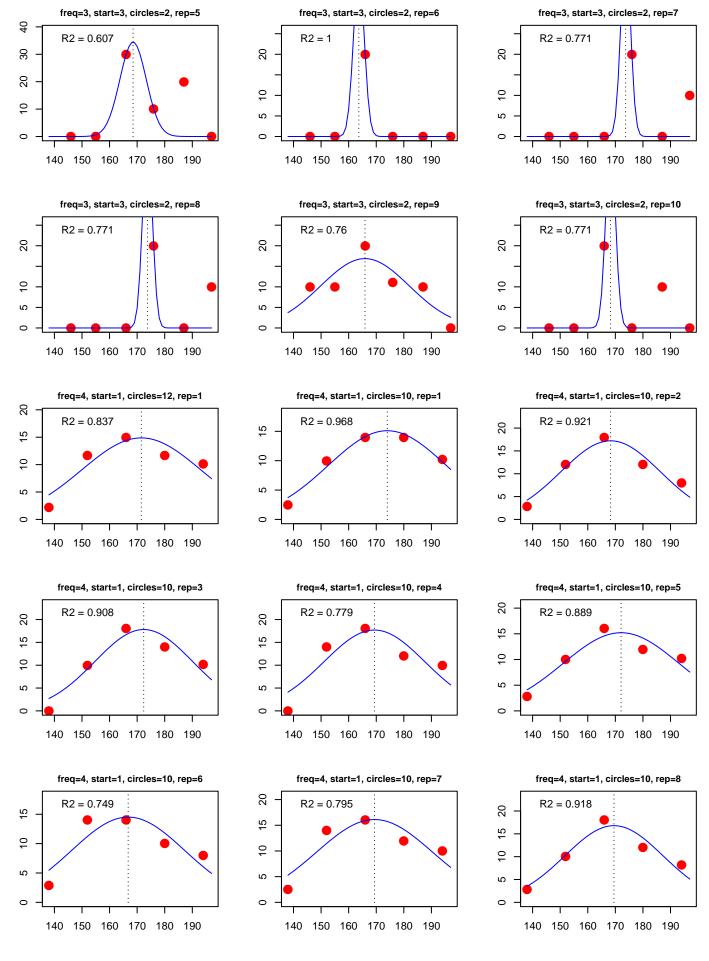
180 190

freq=3, start=3, circles=6, rep=10

160 170

Julian day

170 180



Julian day

freq=4, start=1, circles=10, rep=10

freq=4, start=1, circles=8, rep=1

freq=4, start=1, circles=10, rep=9

140 150

160 170

180 190

Julian day

170 180

140 150

160 170

freq=4, start=1, circles=6, rep=5

freq=4, start=1, circles=6, rep=6

140 150

freq=4, start=1, circles=6, rep=4

Julian day

160 170 180

140 150

180 190

160 170

freq=4, start=1, circles=4, rep=10

freq=4, start=1, circles=2, rep=1

180 190

 freq=4, start=1, circles=4, rep=9

150 160 170 180

Julian day

170 180

150 160

freq=4, start=2, circles=10, rep=4

freq=4, start=2, circles=10, rep=5

freq=4, start=2, circles=10, rep=3

140 150

160 170 180

Julian day

170 180

140 150 160

170 180

150 160

freq=4, start=2, circles=8, rep=9

freq=4, start=2, circles=8, rep=10

freq=4, start=2, circles=8, rep=8

140 150

Julian day

150 160

140 150

170 180

freq=4, start=2, circles=4, rep=4

freq=4, start=2, circles=4, rep=5

140 150

freq=4, start=2, circles=4, rep=3

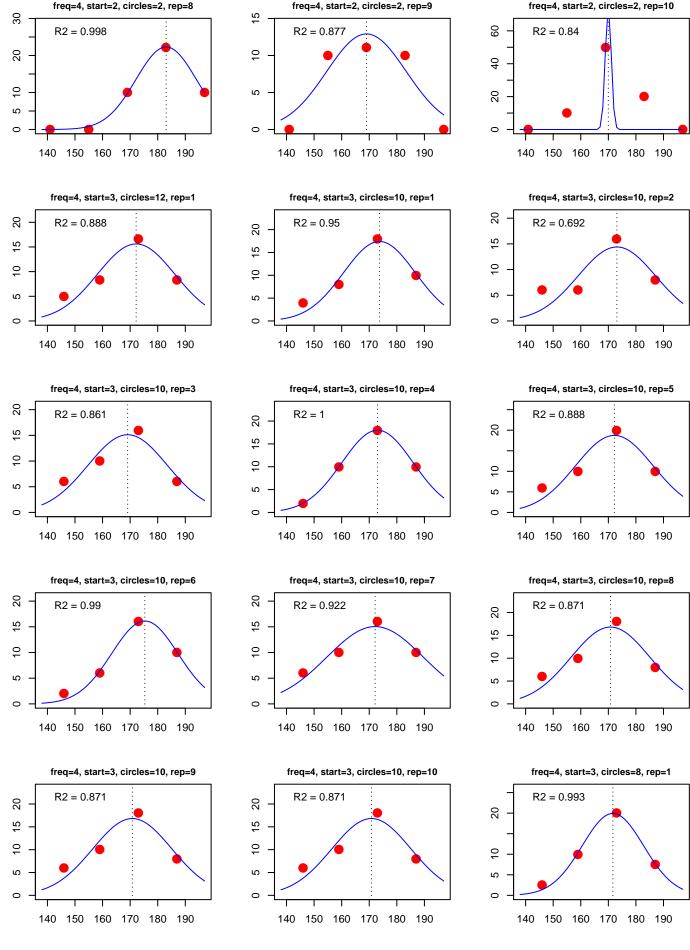
180 190

140 150

Julian day

140 150 160

170 180



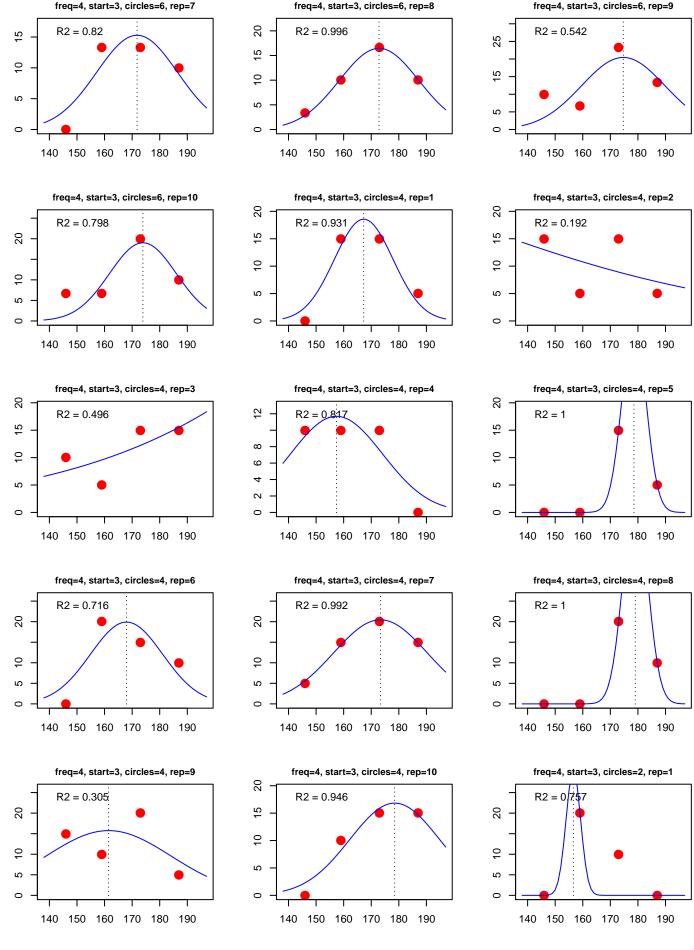
Julian day

freq=4, start=3, circles=8, rep=3

freq=4, start=3, circles=8, rep=4

freq=4, start=3, circles=8, rep=2

Julian day



Julian day

freq=4, start=3, circles=2, rep=3

freq=4, start=3, circles=2, rep=4

freq=4, start=3, circles=2, rep=2

140 150

160 170

Julian day

170 180

140 150

freq=4, start=4, circles=10, rep=7

freq=4, start=4, circles=10, rep=8

freq=4, start=4, circles=10, rep=6

160 170

Julian day

170 180

 freq=4, start=4, circles=6, rep=2

freq=4, start=4, circles=6, rep=3

freq=4, start=4, circles=6, rep=1

140 150 160

180 190

Julian day

160 170 180

140 150

160 170

freq=4, start=4, circles=4, rep=7

freq=4, start=4, circles=4, rep=8

freq=4, start=4, circles=4, rep=6

140 150 160

Julian day

150 160 170 180

140 150

freq=5, start=1, circles=10, rep=1

freq=5, start=1, circles=10, rep=2

freq=5, start=1, circles=12, rep=1

160 170

170 180 Julian day

freq=5, start=1, circles=8, rep=6

freq=5, start=1, circles=8, rep=7

freq=5, start=1, circles=8, rep=5

150 160

170 180

Julian day

160 170

170 180

150 160

freq=5, start=1, circles=4, rep=1

freq=5, start=1, circles=4, rep=2

freq=5, start=1, circles=6, rep=10

170 180

Julian day

170 180

 170 180

freq=5, start=1, circles=2, rep=6

freq=5, start=1, circles=2, rep=7

 freq=5, start=1, circles=2, rep=5

160 170

180 190

150 160 170 180 Julian day

freq=5, start=2, circles=10, rep=10

freq=5, start=2, circles=8, rep=1

freq=5, start=2, circles=10, rep=9

160 170

Julian day

170 180

 freq=5, start=2, circles=6, rep=5

freq=5, start=2, circles=6, rep=6

freq=5, start=2, circles=6, rep=4

140 150

180 190

Julian day

140 150

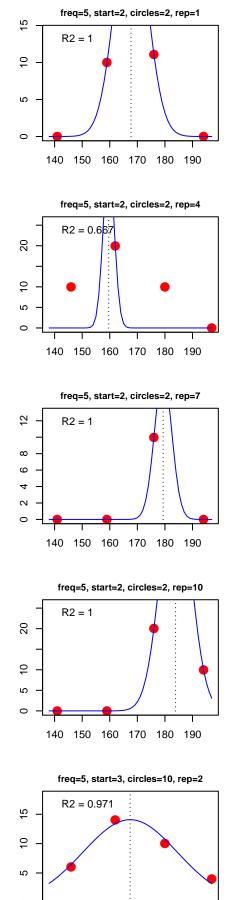
170 180

140 150

freq=5, start=2, circles=4, rep=9

150 160 170

180 190

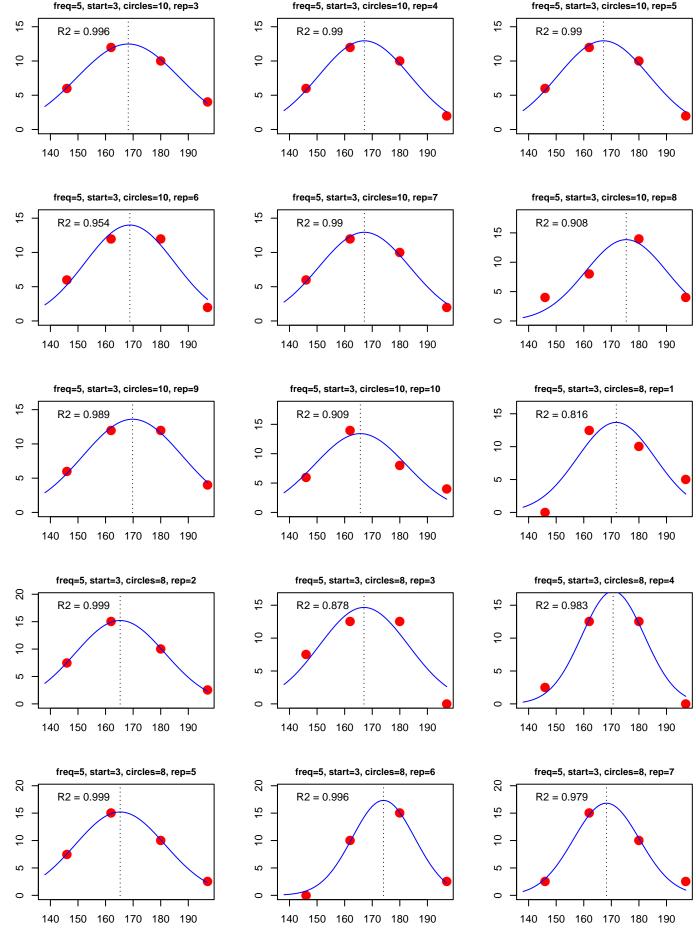


140 150

Julian day

150 160 170 180

freq=5, start=2, circles=4, rep=10



Julian day

freq=5, start=3, circles=8, rep=8

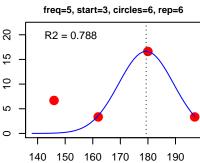
 Julian day

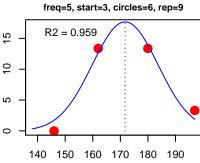
R2 = 0.915

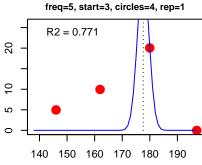
freq=5, start=3, circles=8, rep=10

180 190

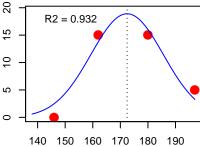
freq=5, start=3, circles=6, rep=3 R2 = 0.991

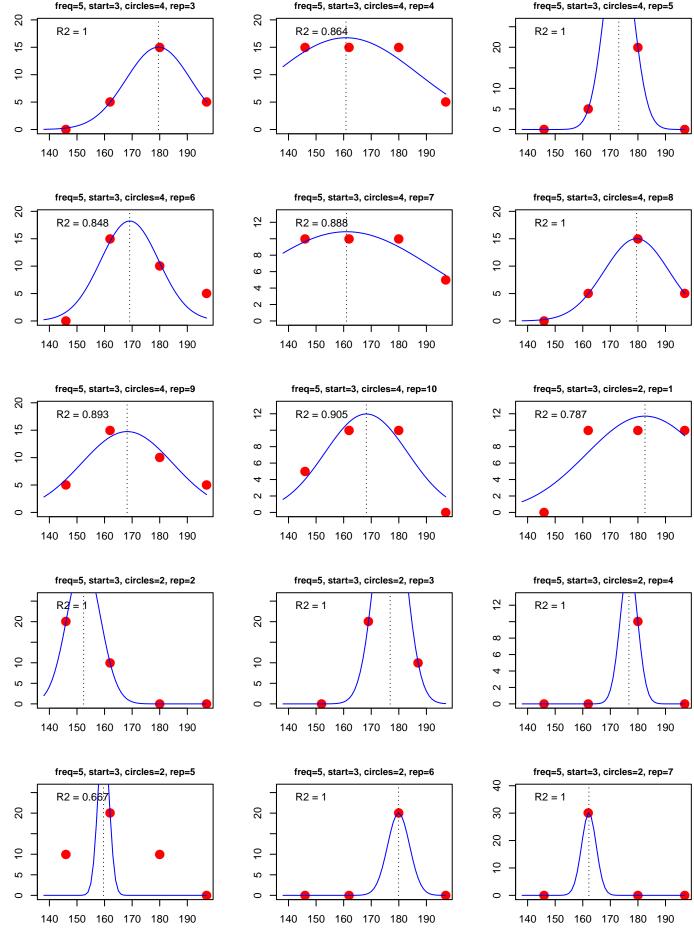






freq=5, start=3, circles=8, rep=9





Julian day

freq=5, start=3, circles=2, rep=9

freq=5, start=3, circles=2, rep=10

freq=5, start=3, circles=2, rep=8

140 150

160 170 180

Julian day

150 160

140 150

170 180

freq=5, start=4, circles=8, rep=3

freq=5, start=4, circles=8, rep=4

freq=5, start=4, circles=8, rep=2

140 150

160 170

180 190

Julian day

140 150

160 170 180

160 170

freq=5, start=4, circles=6, rep=8

freq=5, start=4, circles=6, rep=9

freq=5, start=4, circles=6, rep=7

140 150

160 170

180 190

Julian day

140 150

170 180

freq=5, start=4, circles=2, rep=3

freq=5, start=4, circles=2, rep=4

180 190

180 190

freq=5, start=4, circles=2, rep=2

150 160 170

180 190

150 160 170 180 Julian day

freq=5, start=5, circles=10, rep=7

freq=5, start=5, circles=10, rep=8

freq=5, start=5, circles=10, rep=6

140 150

160 170

180 190

Julian day

170 180

140 150

160 170

freq=5, start=5, circles=6, rep=1

160 170

160 170 180 Julian day

freq=5, start=5, circles=6, rep=2

freq=5, start=5, circles=6, rep=3

180 190

freq=5, start=5, circles=4, rep=7

freq=5, start=5, circles=4, rep=8

170 180

freq=5, start=5, circles=4, rep=6

140 150

160 170

Julian day

150 160

170 180