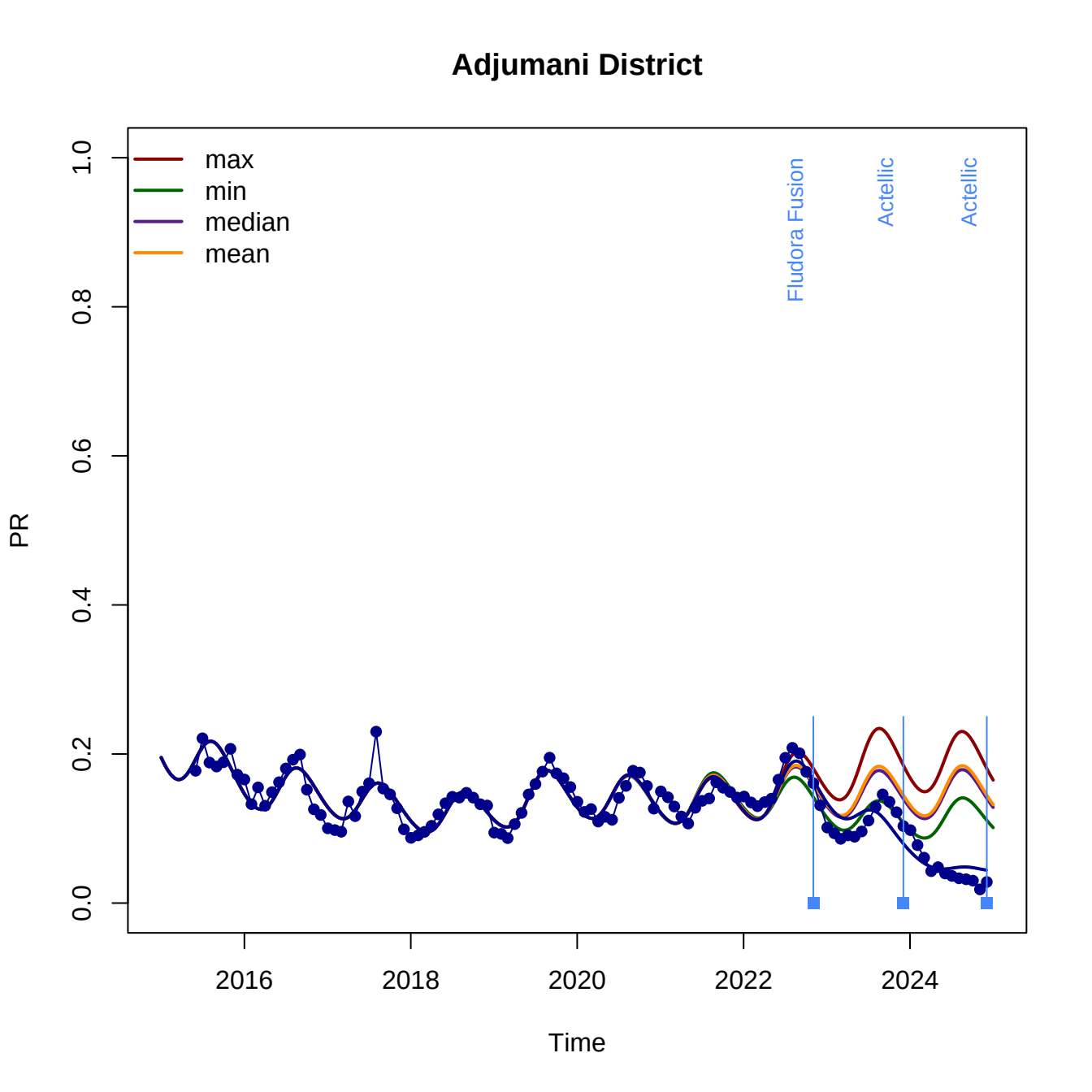
Adjumani District
max
min
median
mean
Fludora Fusion
Actellic
Actellic
PR
1.0
0.8
0.6
0.4
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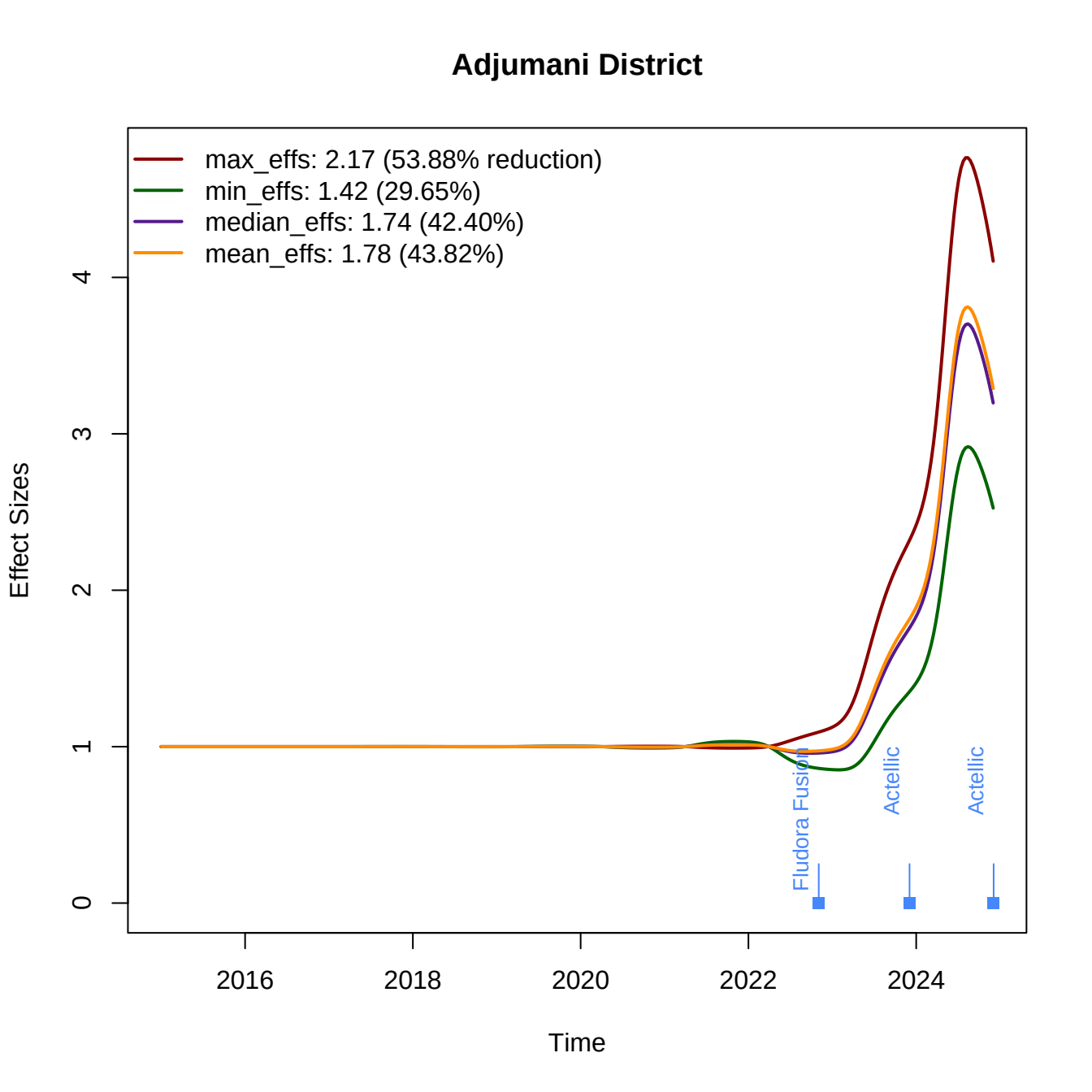
0.0
2016
2018
2020
2022
2024
Time


Adjumani District
max_effs: 2.17 (53.88% reduction)
min_effs: 1.42 (29.65%)
median_effs: 1.74 (42.40%)
mean_effs: 1.78 (43.82%)
Effect Sizes
0
1
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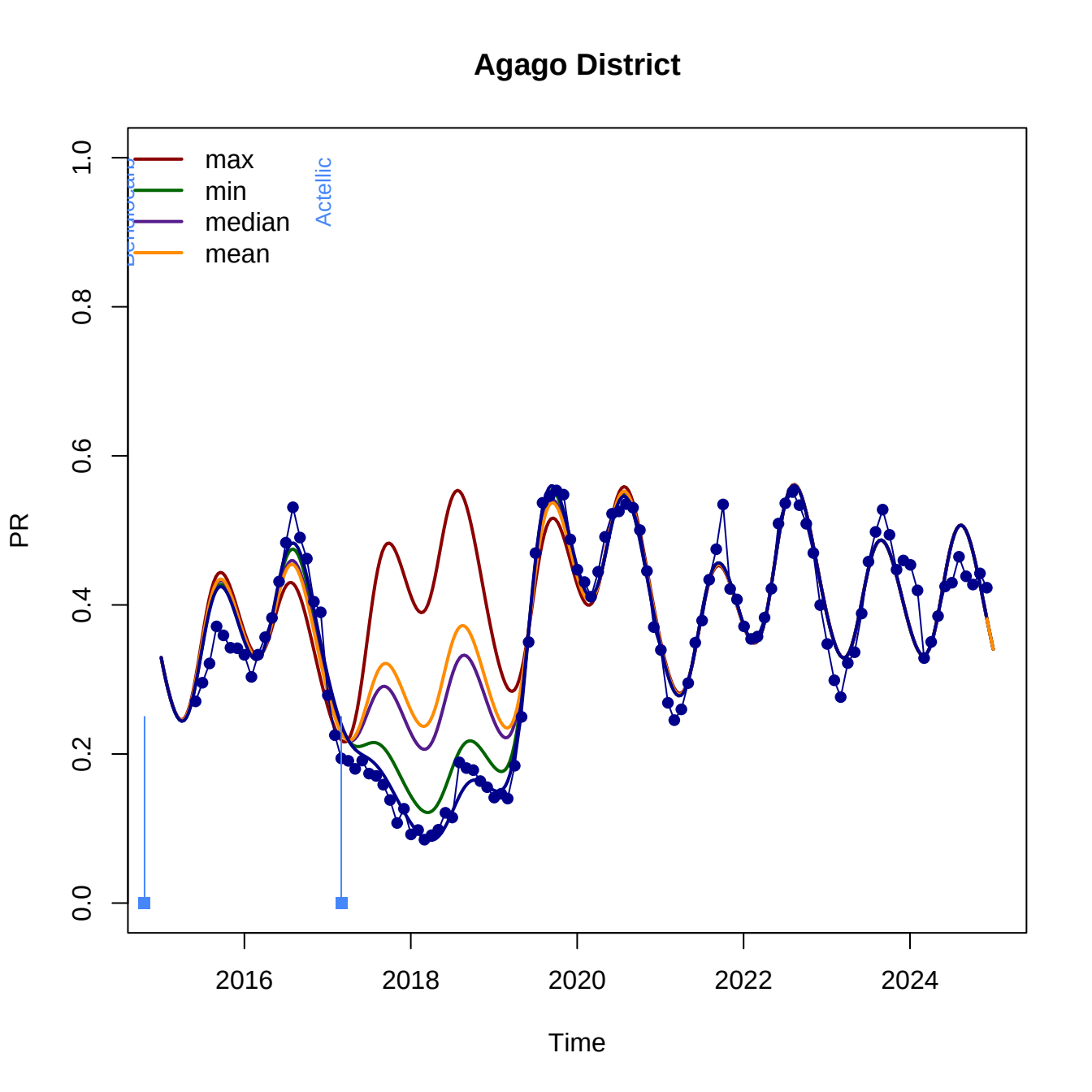
4
2016
2018
2020
2022
2024
Time
Fludora Fusion
Actellic
Actellic


Agago District
max
min
median
mean
Actellic
PR
0.0
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0.4
0.6
0.8
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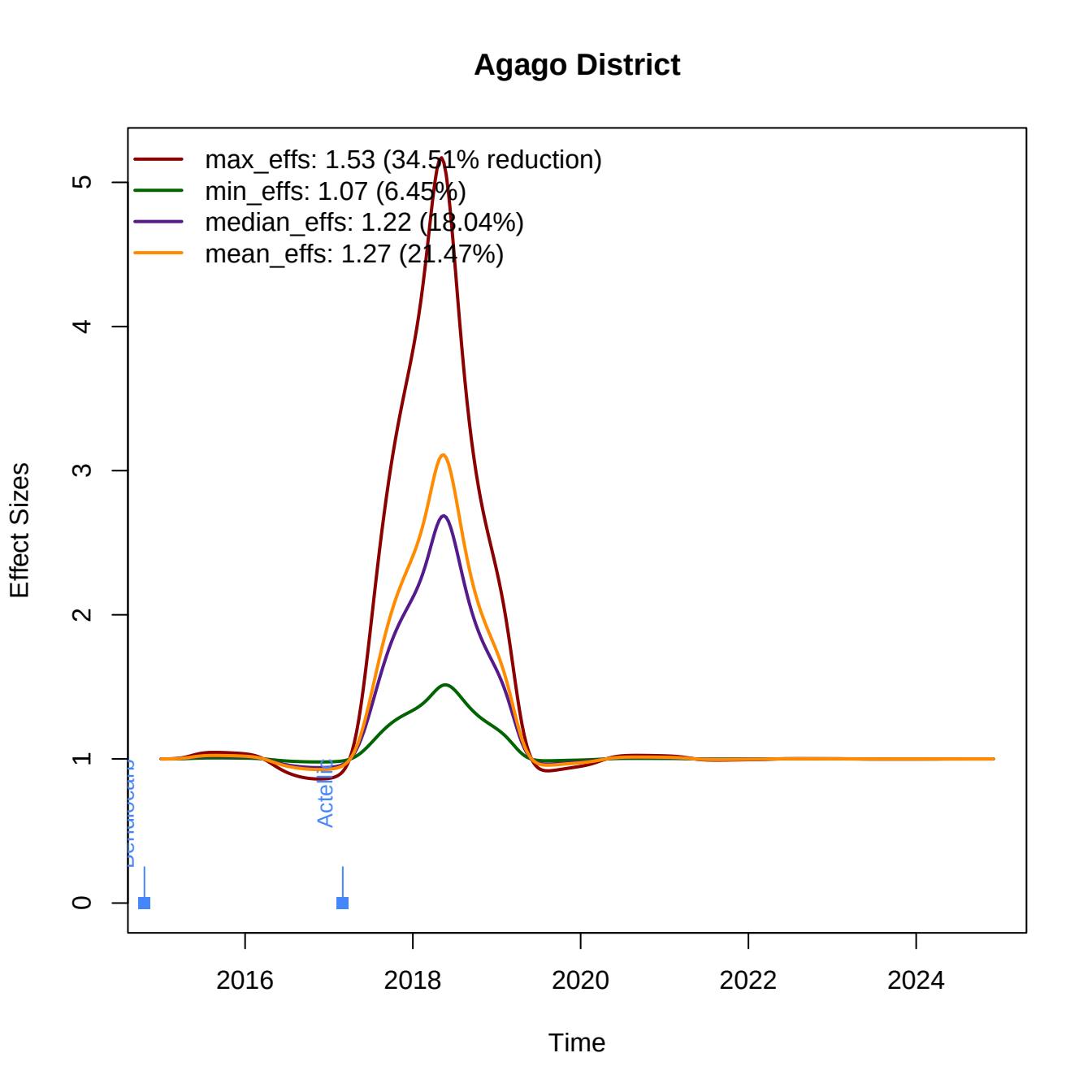
2016
2018
2020
2022
2024
Time


Agago District
max_effs: 1.53 (34.51% reduction)
min_effs: 1.07 (6.45%)
median_effs: 1.22 (18.04%)
mean_effs: 1.27 (21.47%)
Effect Sizes
0
1
2
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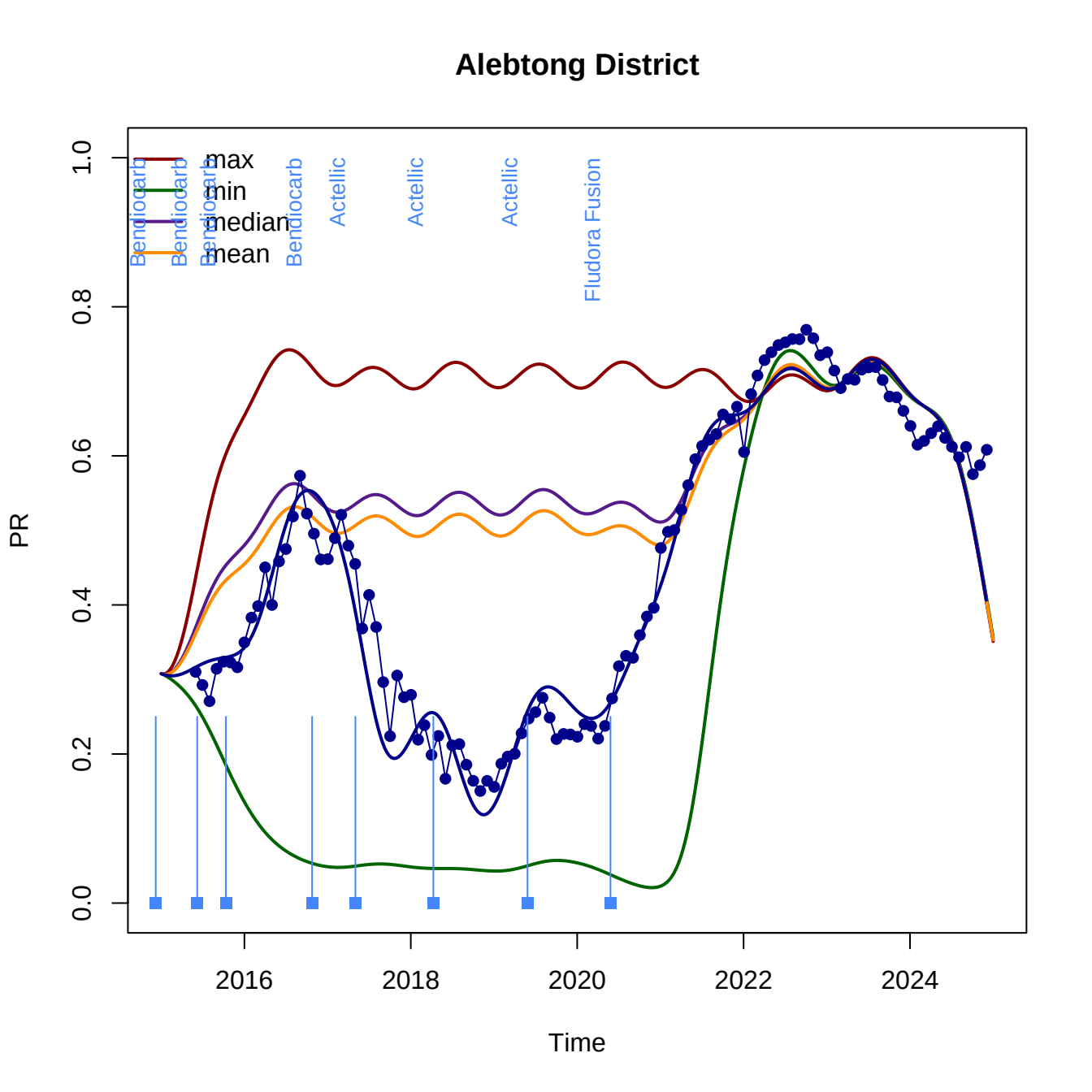
4
5
2016
2018
2020
2022
2024
Time
Actellic


Alebtong District
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Bendiocarb
Bendiocarb
Bendiocarb
Bendiocarb
Actellic
Actellic
Actellic
Fludora Fusion
PR
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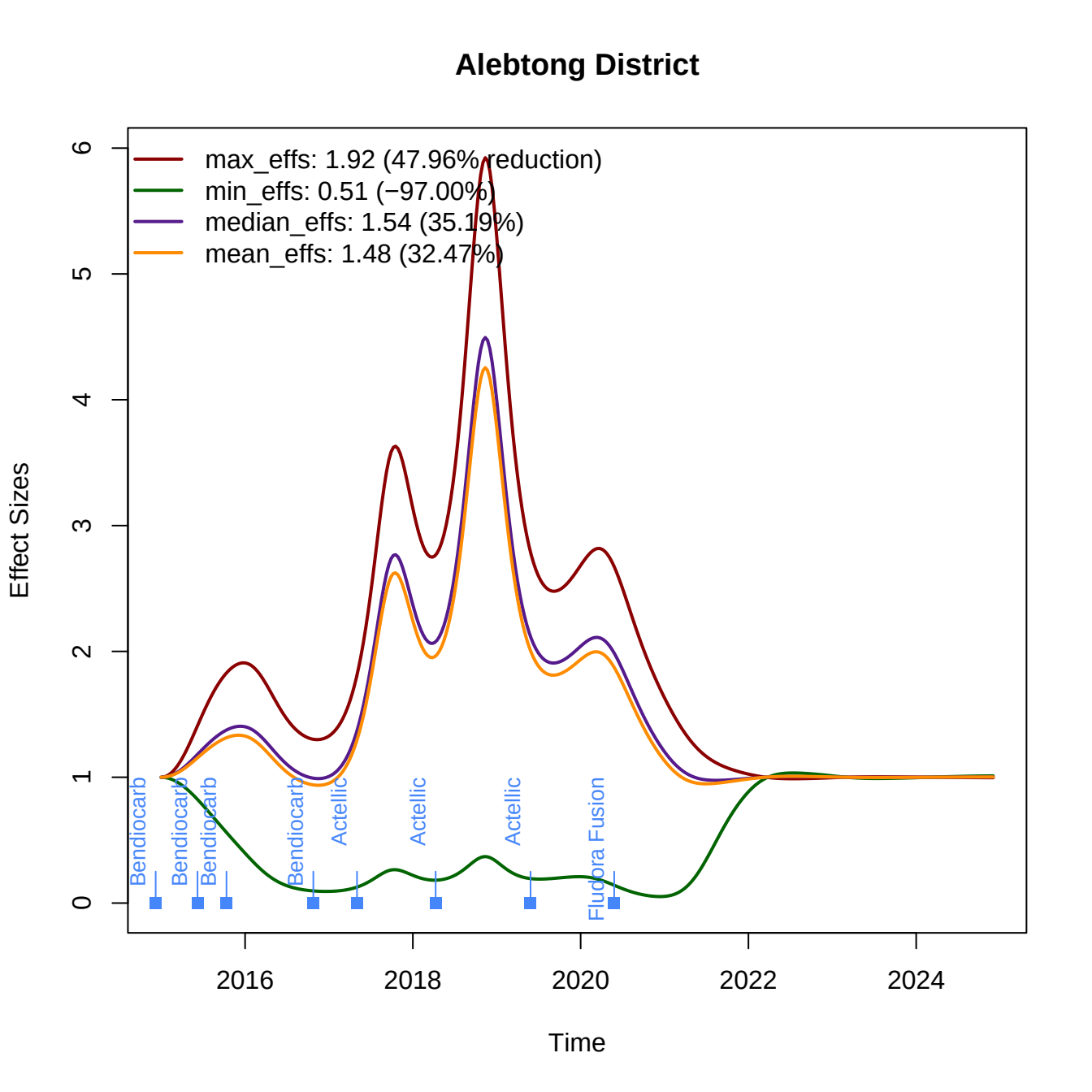
2016
2018
2020
2022
2024
Time


Alebtong District
max_effs: 1.92 (47.96% reduction)
min_effs: 0.51 (−97.00%)
median_effs: 1.54 (35.19%)
mean_effs: 1.48 (32.47%)
Effect Sizes
0
1
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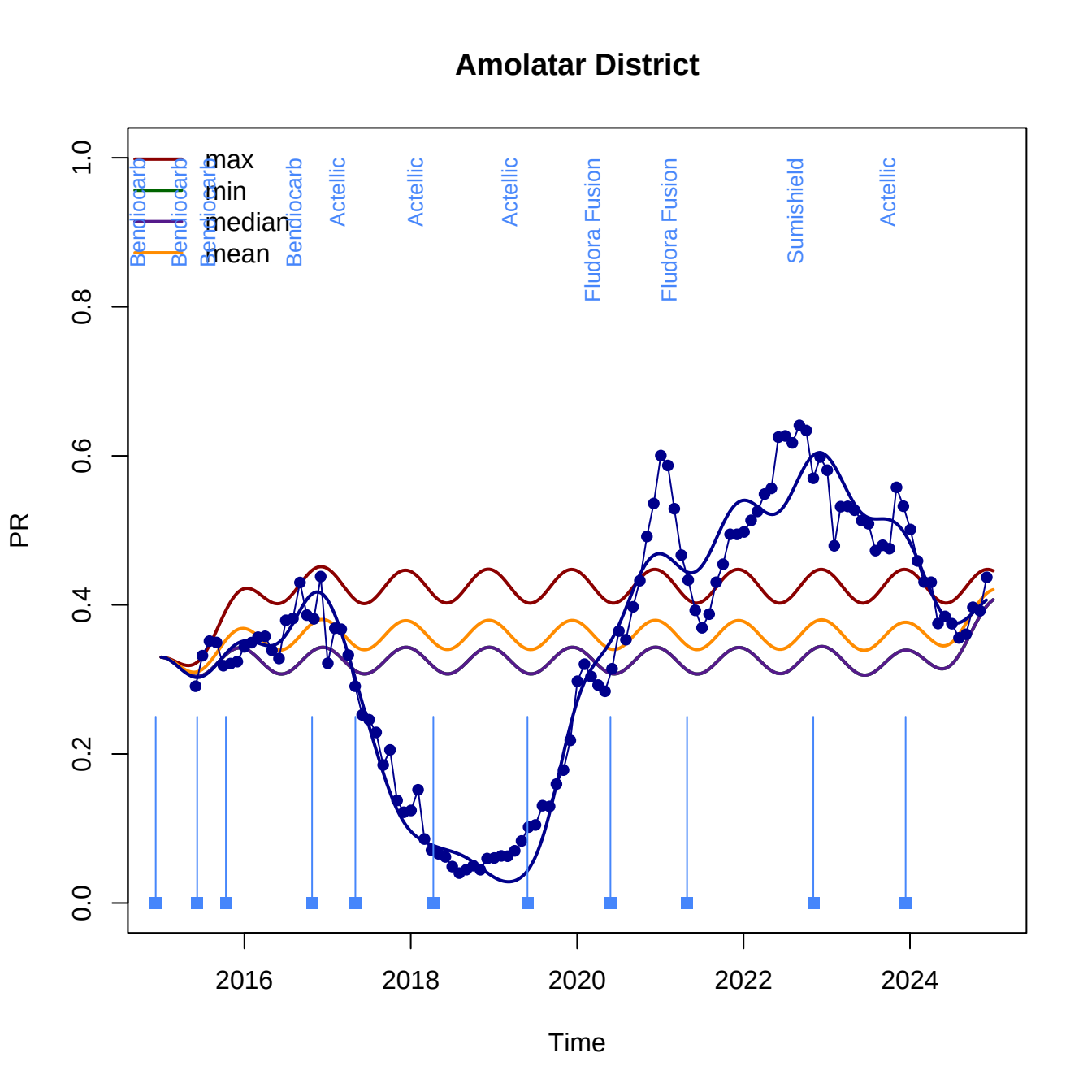
Bendiocarb
Bendiocarb
Bendiocarb
Bendiocarb
Actellic
Actellic
Actellic
Fludora Fusion
2016
2018
2020
2022
2024
Time


Amolatar District
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Bendiocarb
Bendiocarb
Bendiocarb
Bendiocarb
Actellic
Actellic
Actellic
Fludora Fusion
Fludora Fusion
Sumishield
Actellic
PR
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2016
2018
2020
2022
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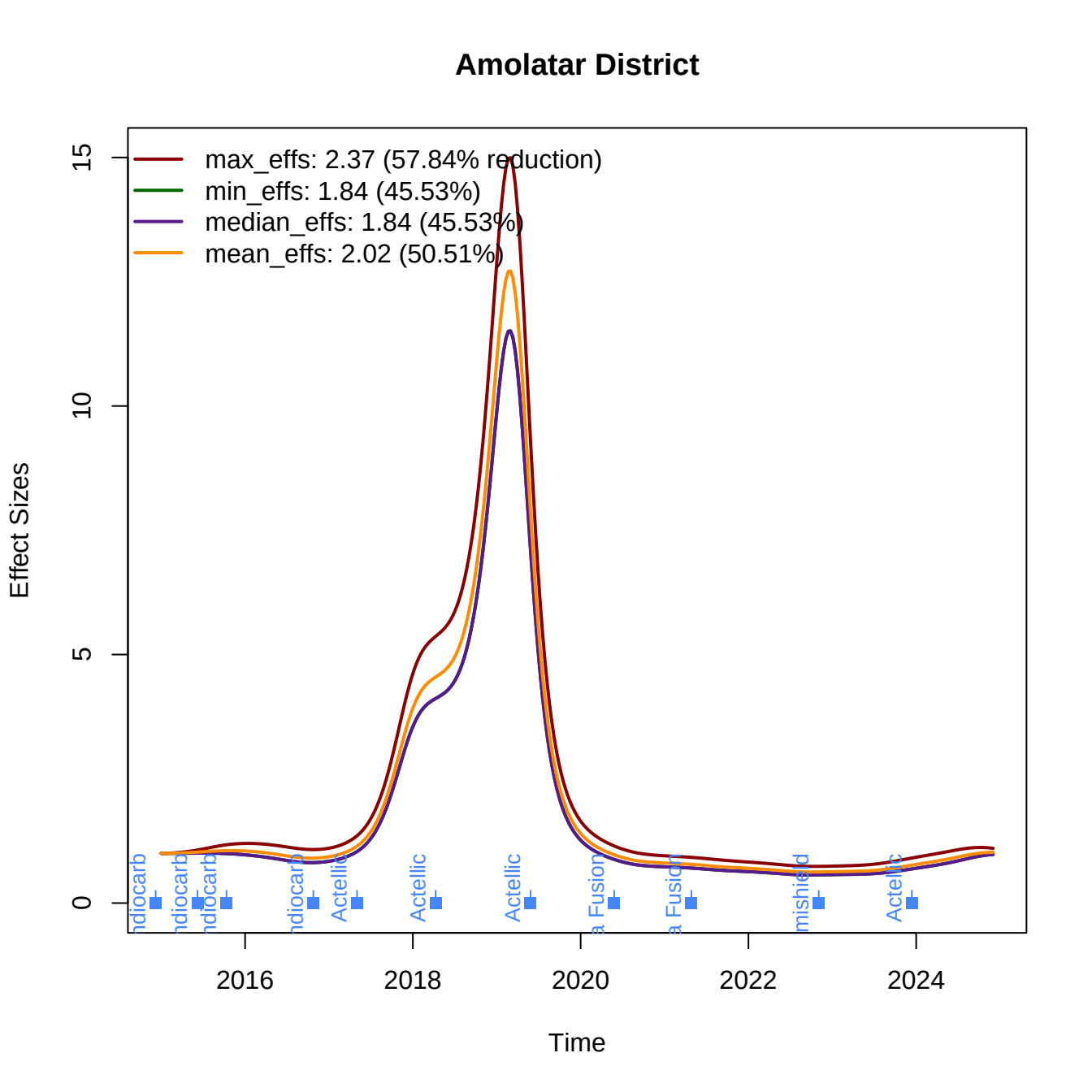
Time


Amolatar District
max_effs: 2.37 (57.84% reduction)
min_effs: 1.84 (45.53%)
median_effs: 1.84 (45.53%)
mean_effs: 2.02 (50.51%)
Effect Sizes
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5
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2022
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Time
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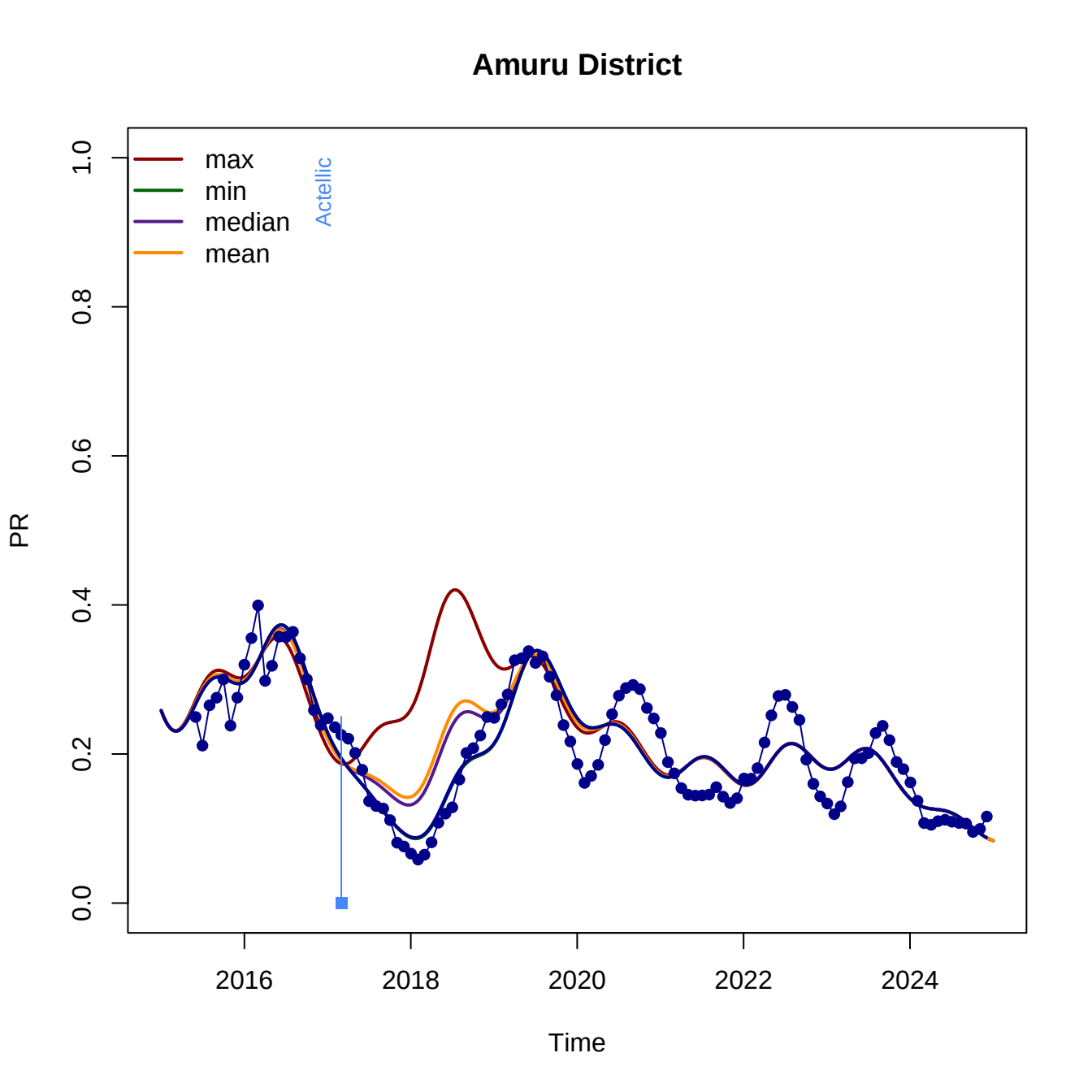
Amuru District
max
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Actellic
PR
0.0
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0.6
0.8
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2016
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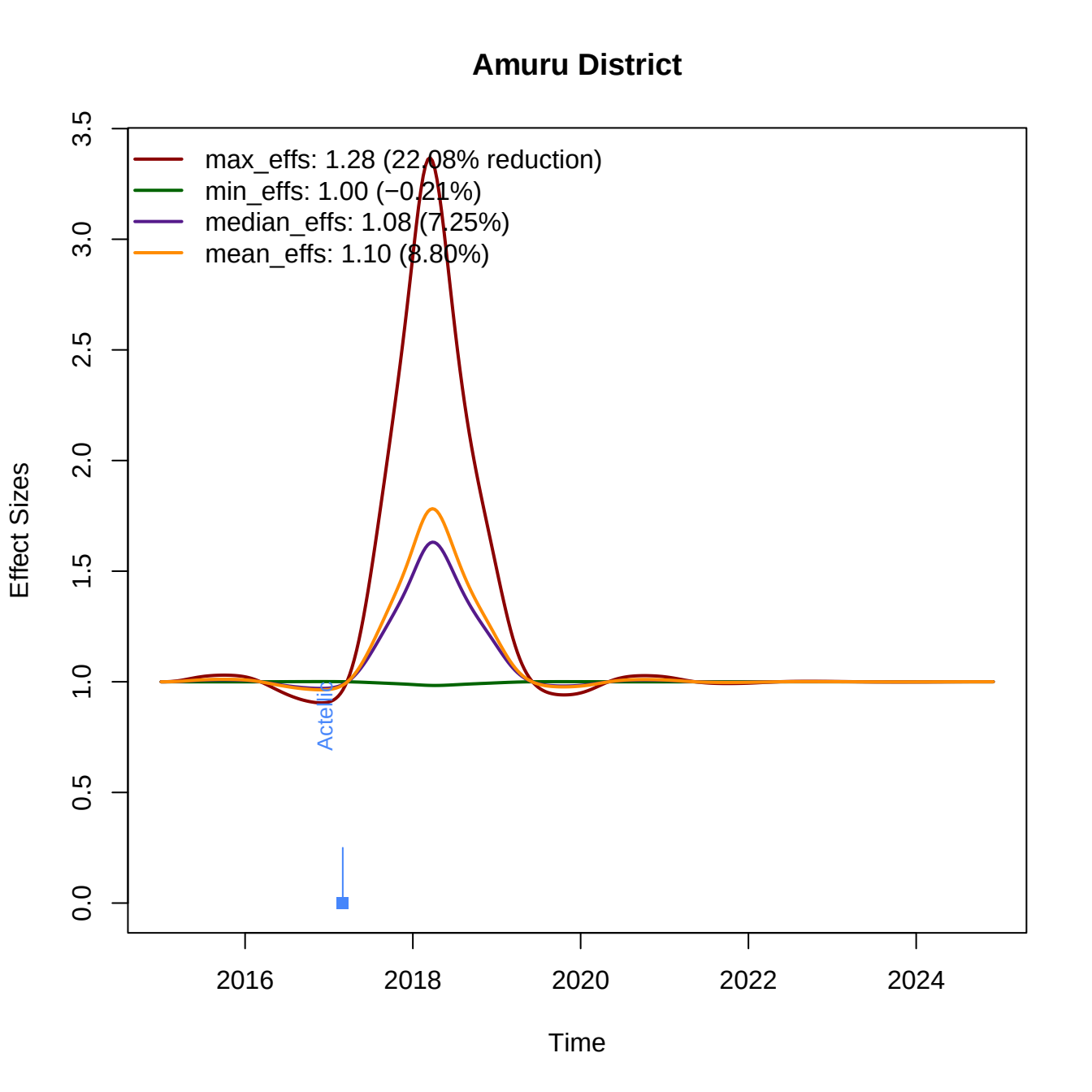
2022
2024
Time


Amuru District
max_effs: 1.28 (22.08% reduction)
min_effs: 1.00 (−0.21%)
median_effs: 1.08 (7.25%)
mean_effs: 1.10 (8.80%)
Effect Sizes
0.0
0.5
1.0
1.5
2.0
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3.0
3.5
Actelic
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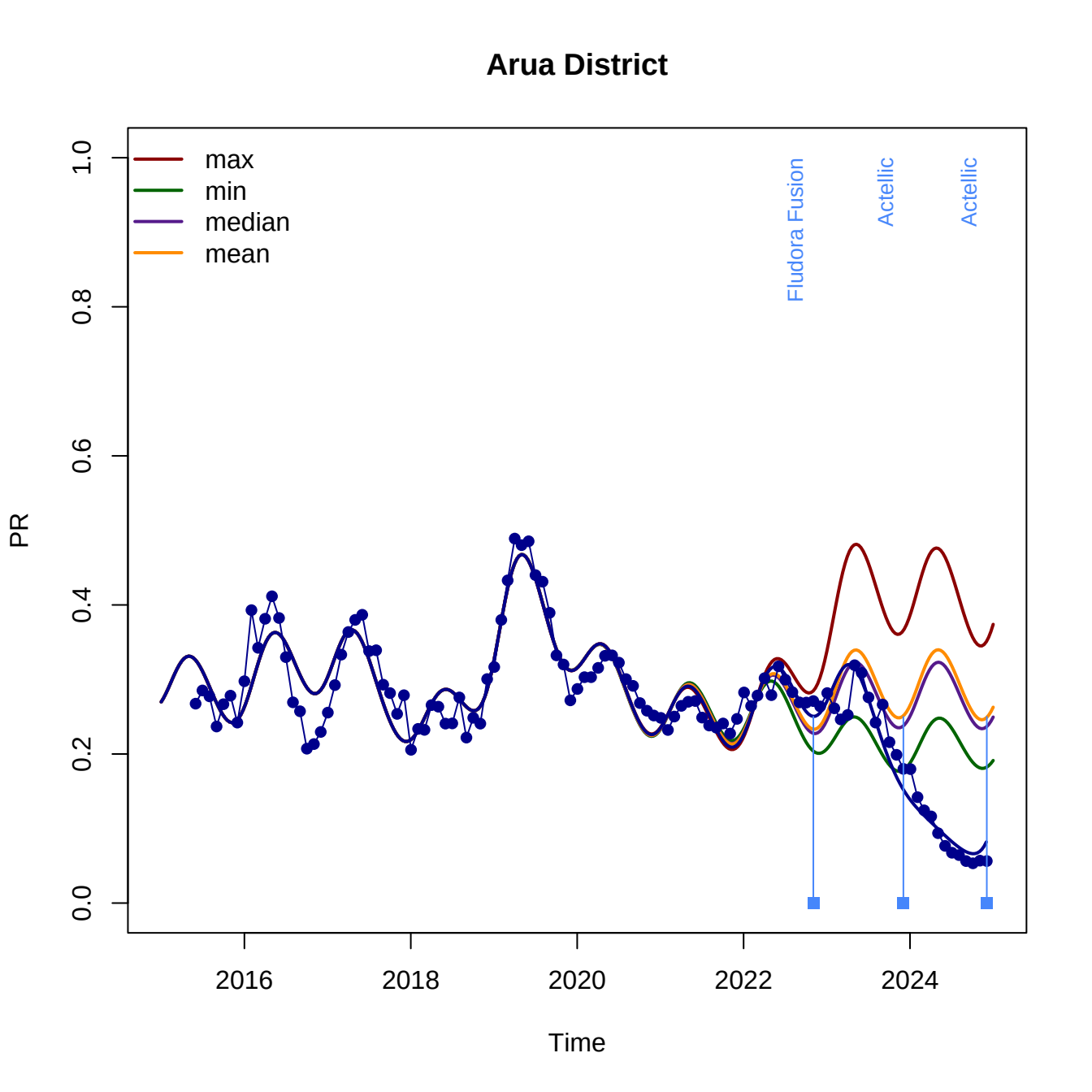
2022
2024
Time


Arua District
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Fludora Fusion
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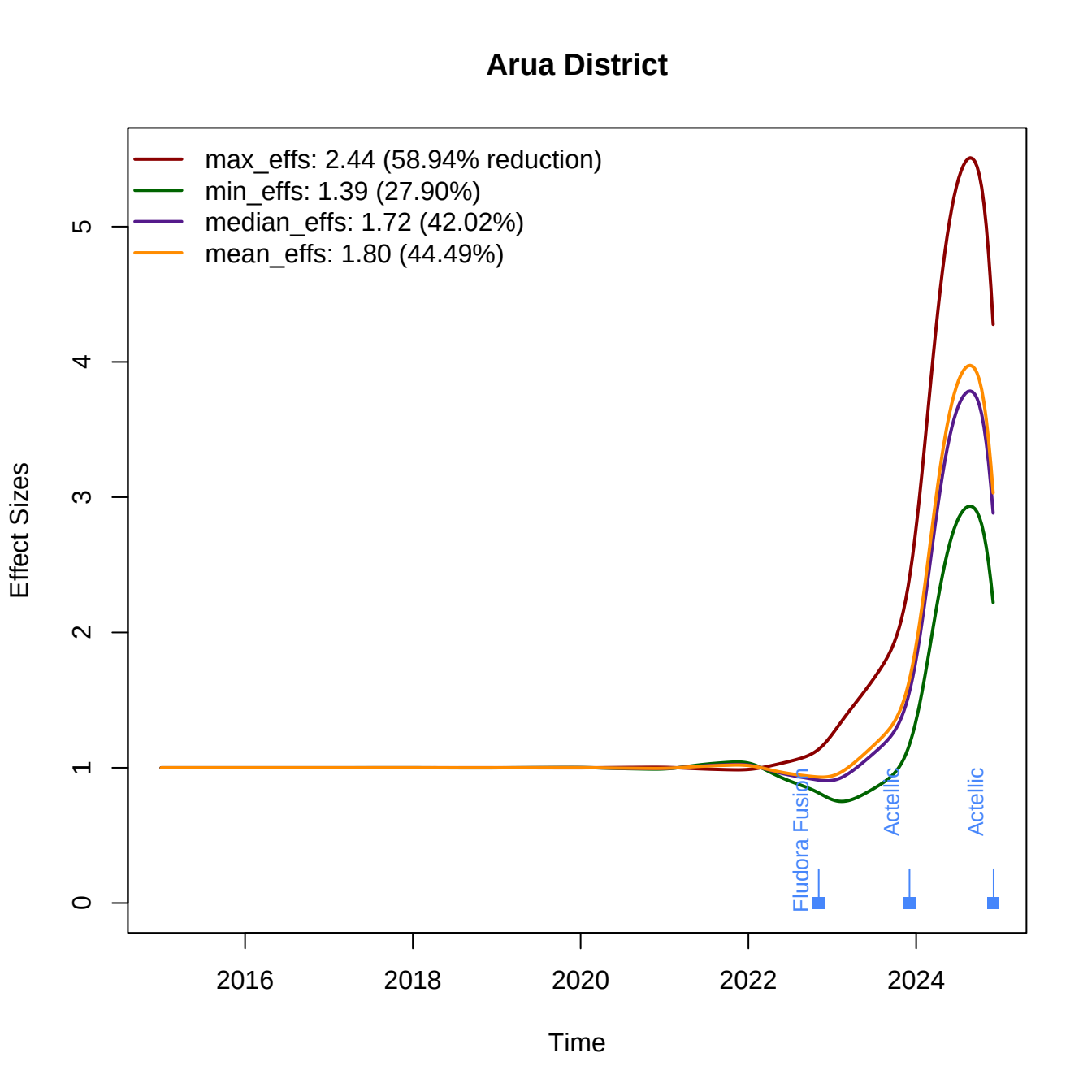
2024
Time


Arua District
max_effs: 2.44 (58.94% reduction)
min_effs: 1.39 (27.90%)
median_effs: 1.72 (42.02%)
mean_effs: 1.80 (44.49%)
Effect Sizes
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2016
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Time
Fludora Fusion
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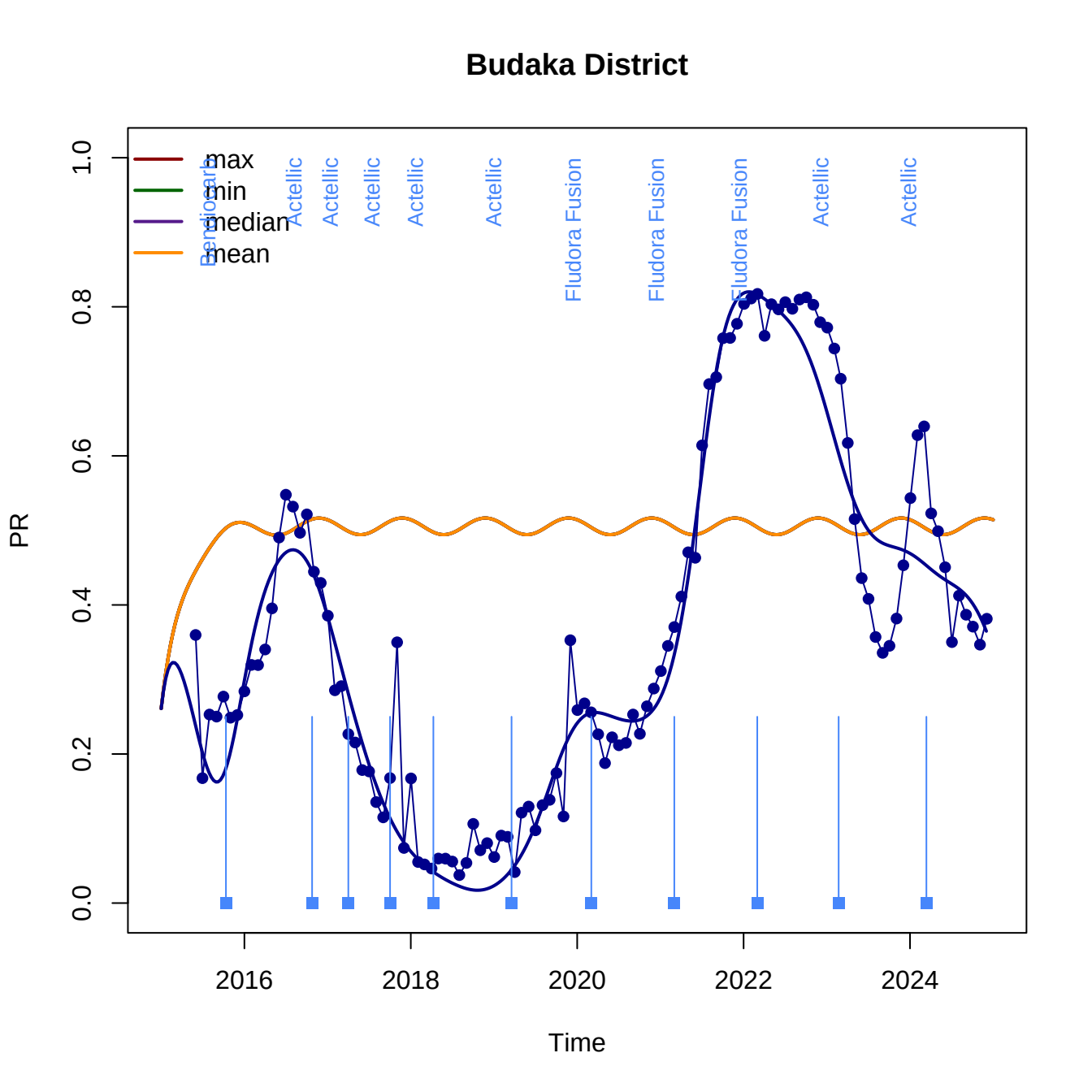
Budaka District
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Bendiocarb
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Actellic
Actellic
Fludora Fusion
Fludora Fusion
Fludora Fusion
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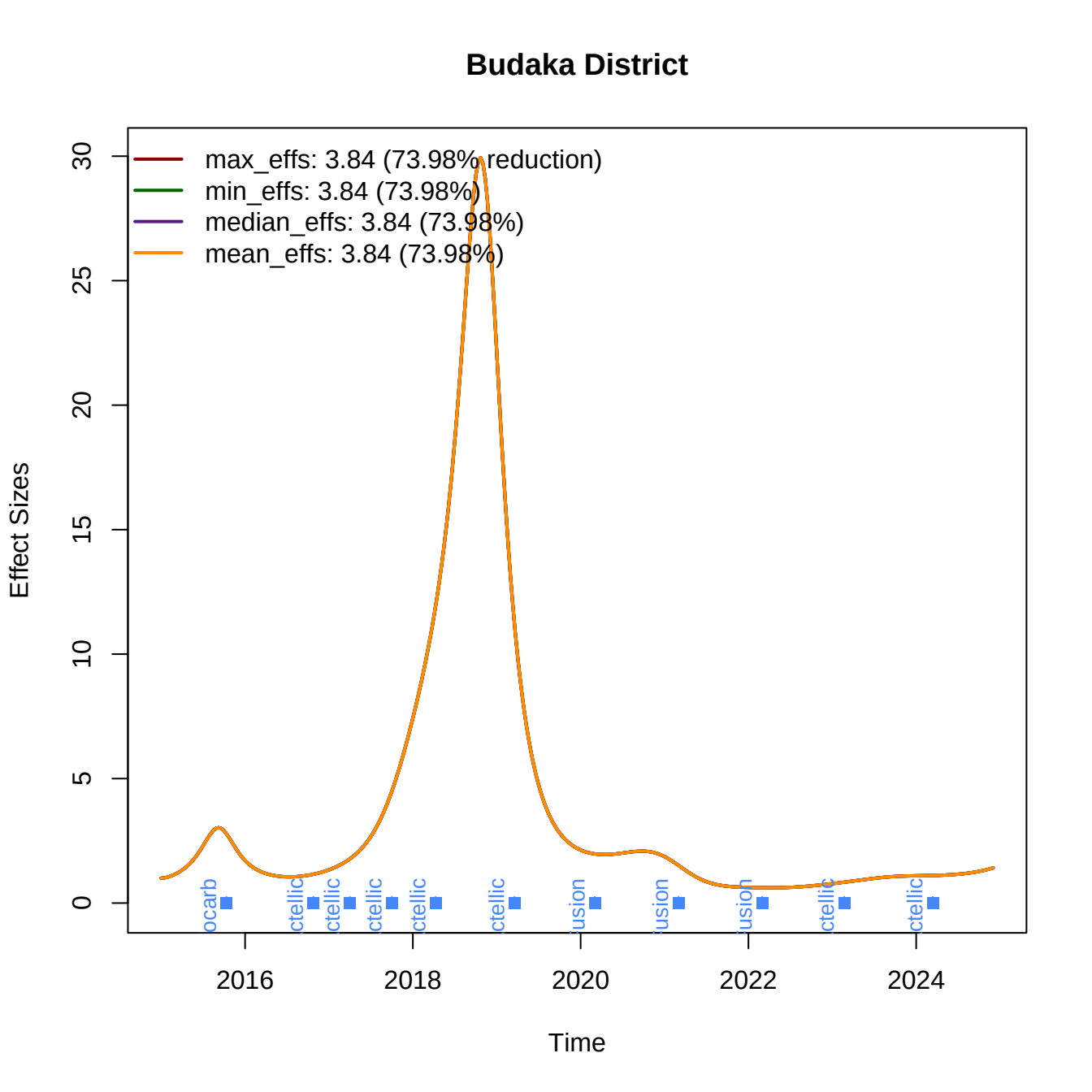
2022
2024
Time


Budaka District
max_effs: 3.84 (73.98% reduction)
min_effs: 3.84 (73.98%)
median_effs: 3.84 (73.98%)
mean_effs: 3.84 (73.98%)
Effect Sizes
0
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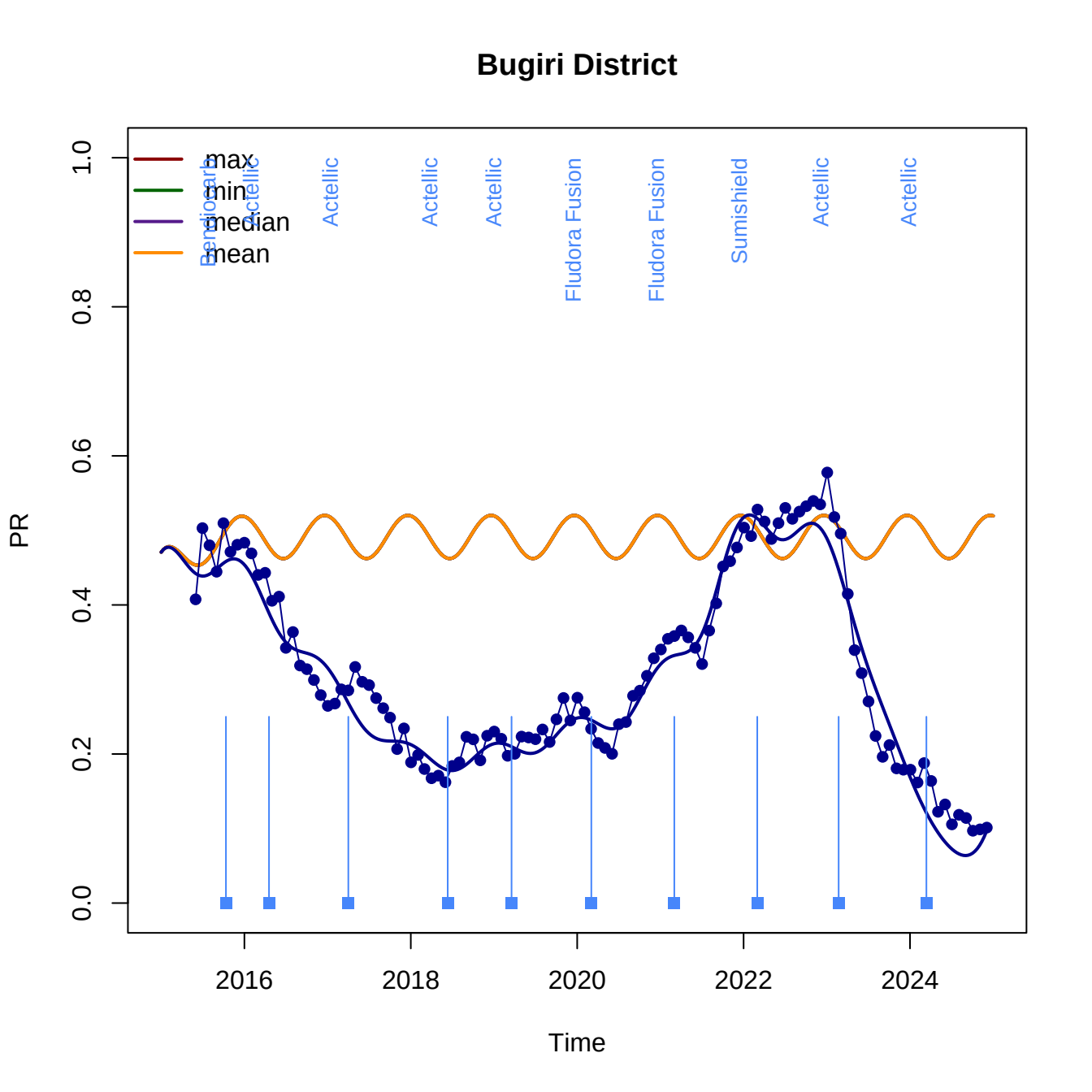
Bugiri District
max
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median
mean
Bendiocarb
Actellic
Actellic
Actellic
Actellic
Fludora Fusion
Fludora Fusion
Sumishield
Actellic
Actellic
PR
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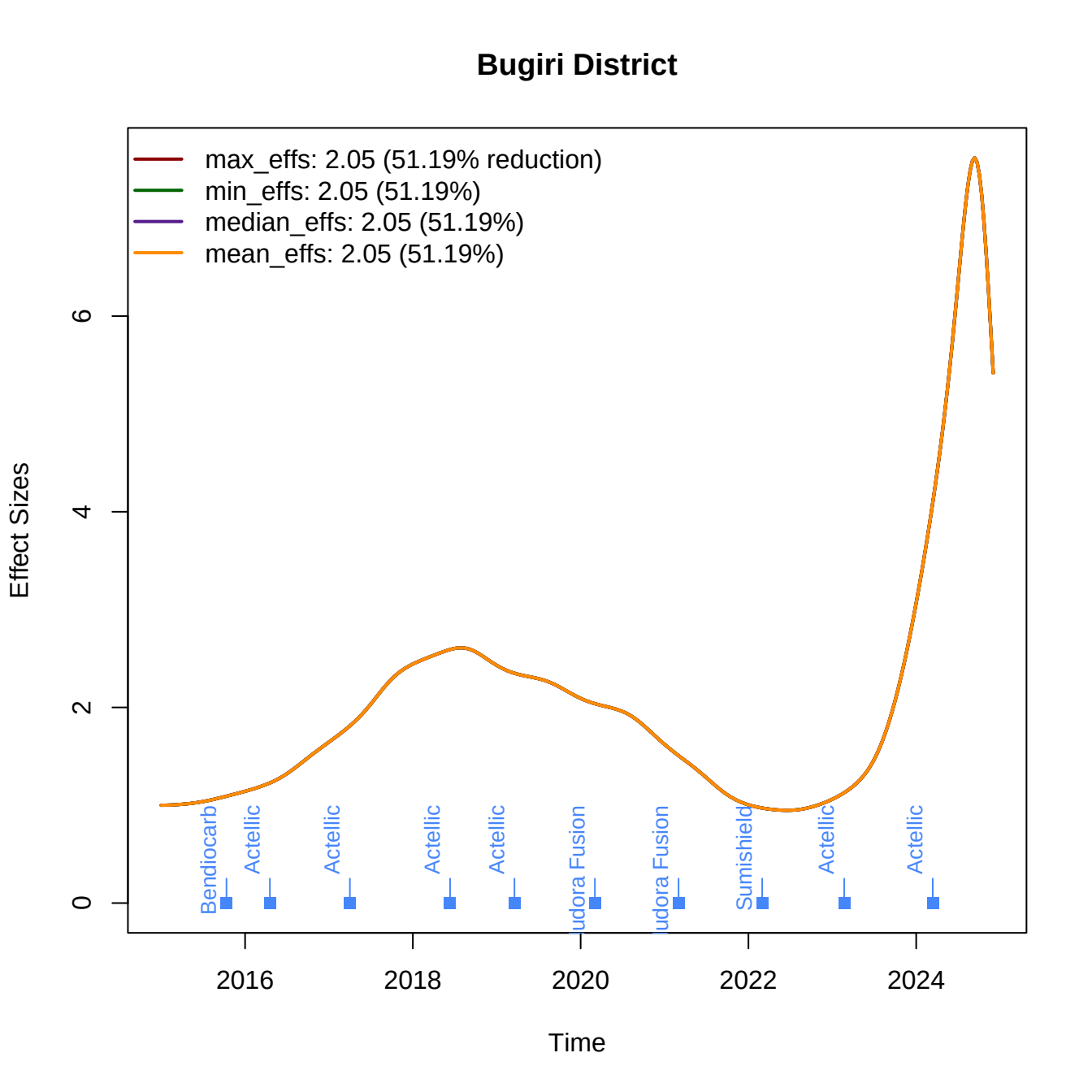
0.8
1.0
2016
2018
2020
2022
2024
Time


Bugiri District
max_effs: 2.05 (51.19% reduction)
min_effs: 2.05 (51.19%)
median_effs: 2.05 (51.19%)
mean_effs: 2.05 (51.19%)
Effect Sizes
0
2
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Bendiocarb
Actellic
Actellic
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udora Fusion
udora Fusion
Sumishield
Actellic
Actellic
2016
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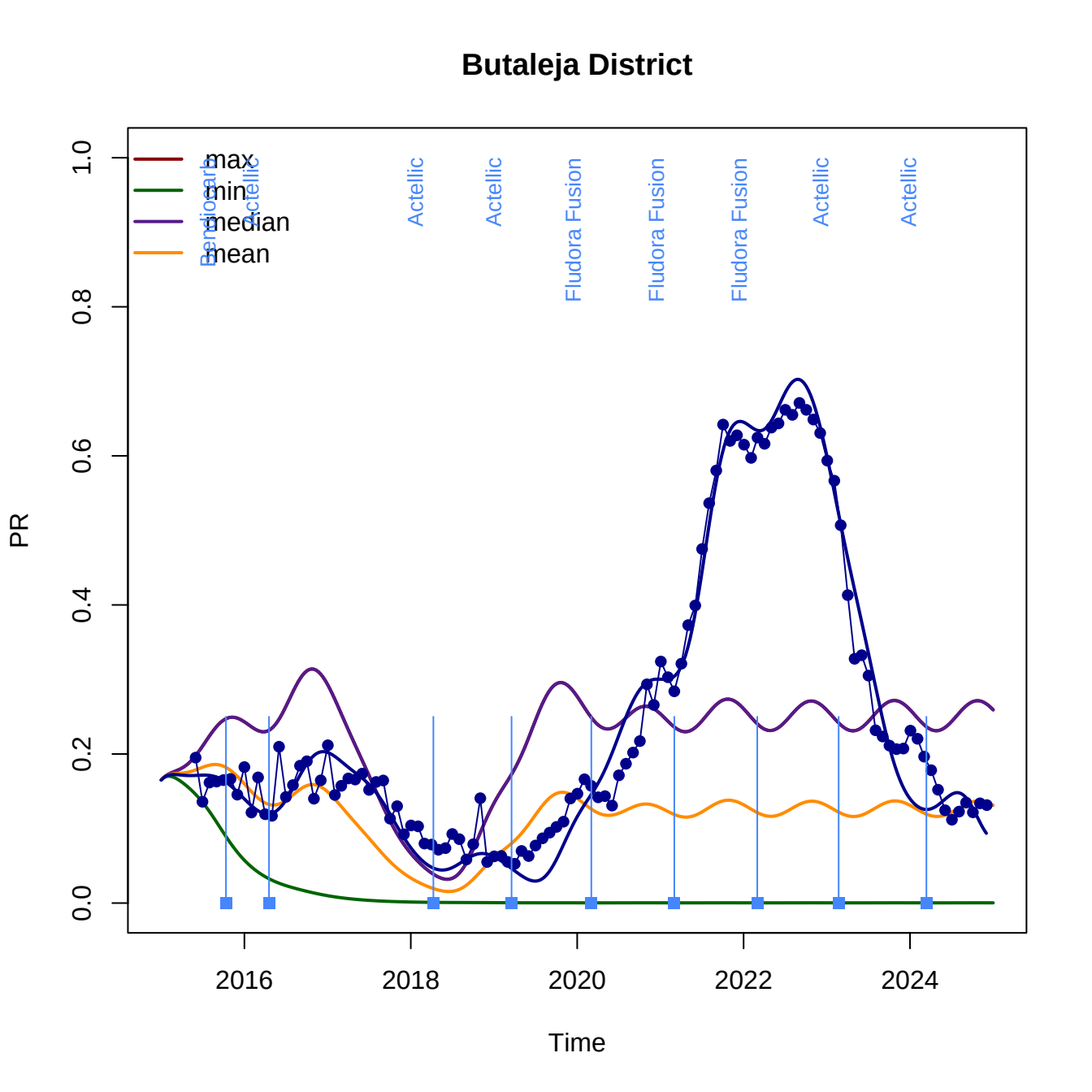
2022
2024
Time


Butaleja District
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median
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Bendiocarb
Actellic
Actellic
Actellic
Fludora Fusion
Fludora Fusion
Fludora Fusion
Actellic
Actellic
PR
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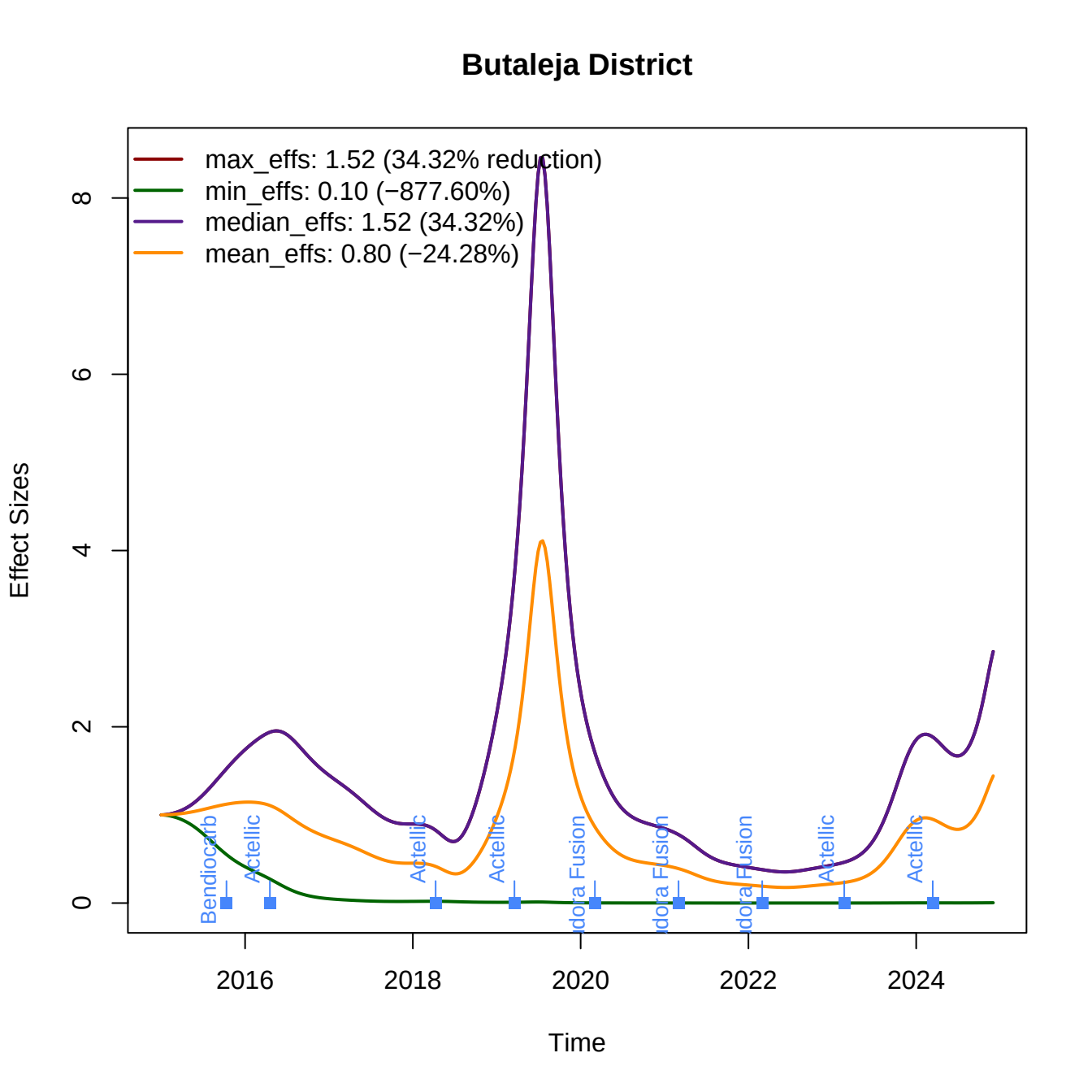
0.6
0.8
1.0
2016
2018
2020
2022
2024
Time


Butaleja District
max_effs: 1.52 (34.32% reduction)
min_effs: 0.10 (−877.60%)
median_effs: 1.52 (34.32%)
mean_effs: 0.80 (−24.28%)
Effect Sizes
0
2
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8
Bendiocarb
Actellic
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dora Fusion
dora Fusion
dora Fusion
Actellic
Actellic
2016
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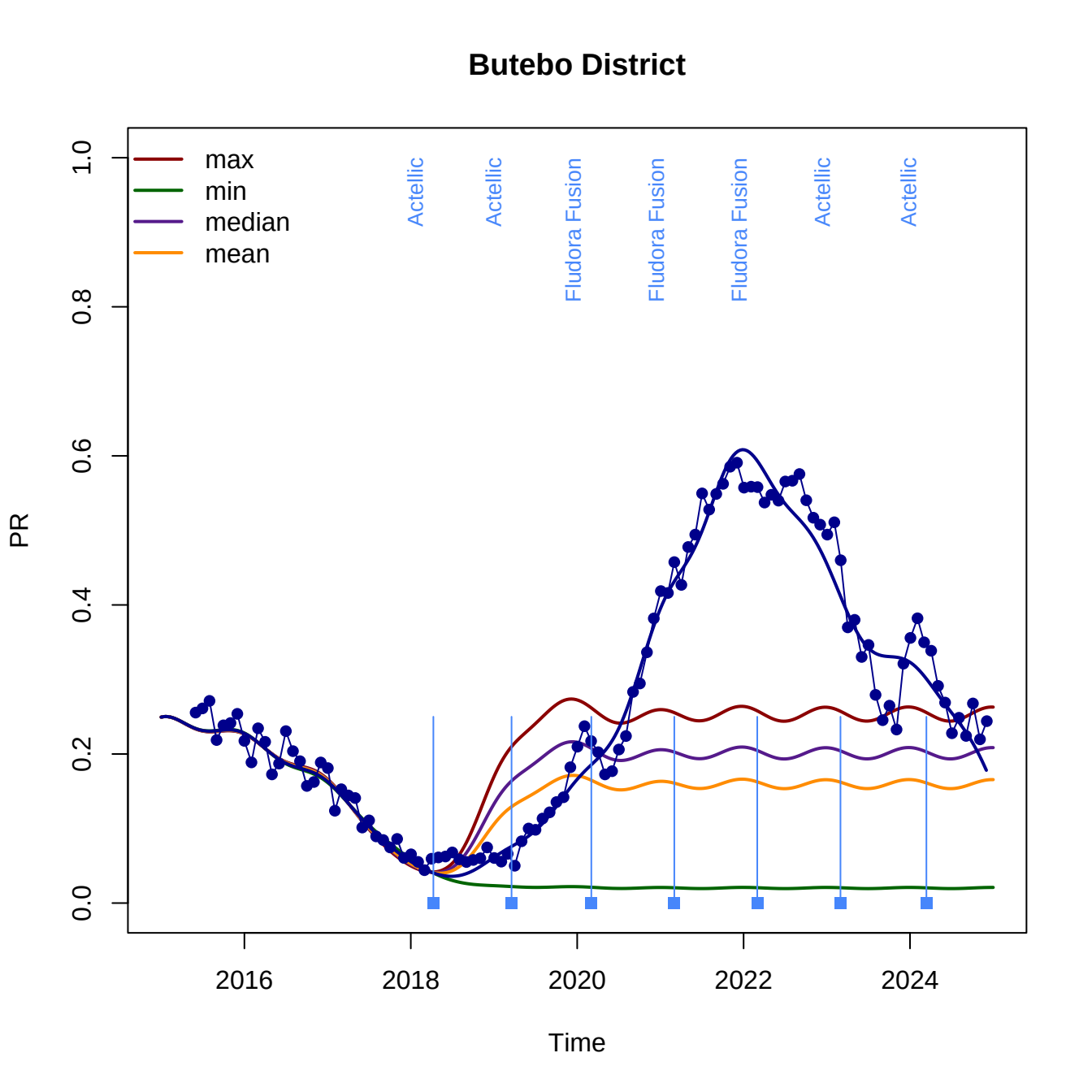
2020
2022
2024
Time


Butebo District
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median
mean
Actellic
Actellic
Fludora Fusion
Fludora Fusion
Fludora Fusion
Actellic
Actellic
PR
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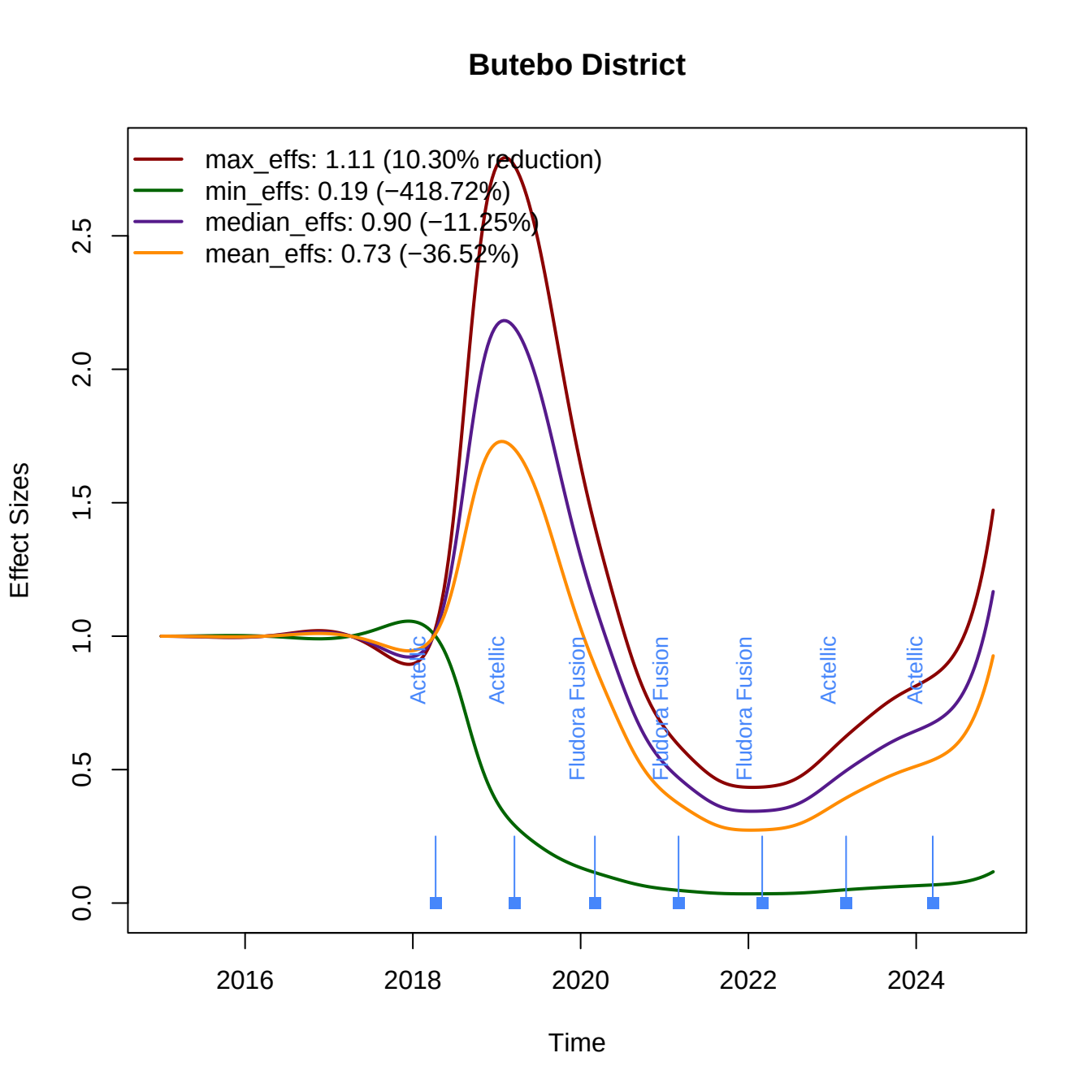
0.6
0.8
1.0
2016
2018
2020
2022
2024
Time


Butebo District
max_effs: 1.11 (10.30% reduction)
min_effs: 0.19 (−418.72%)
median_effs: 0.90 (−11.25%)
mean_effs: 0.73 (−36.52%)
Effect Sizes
0.0
0.5
1.0
1.5
2.0
2.5
Actellic
Actellic
Fludora Fusion
Fludora Fusion
Fludora Fusion
Actellic
Actellic
2016
2018
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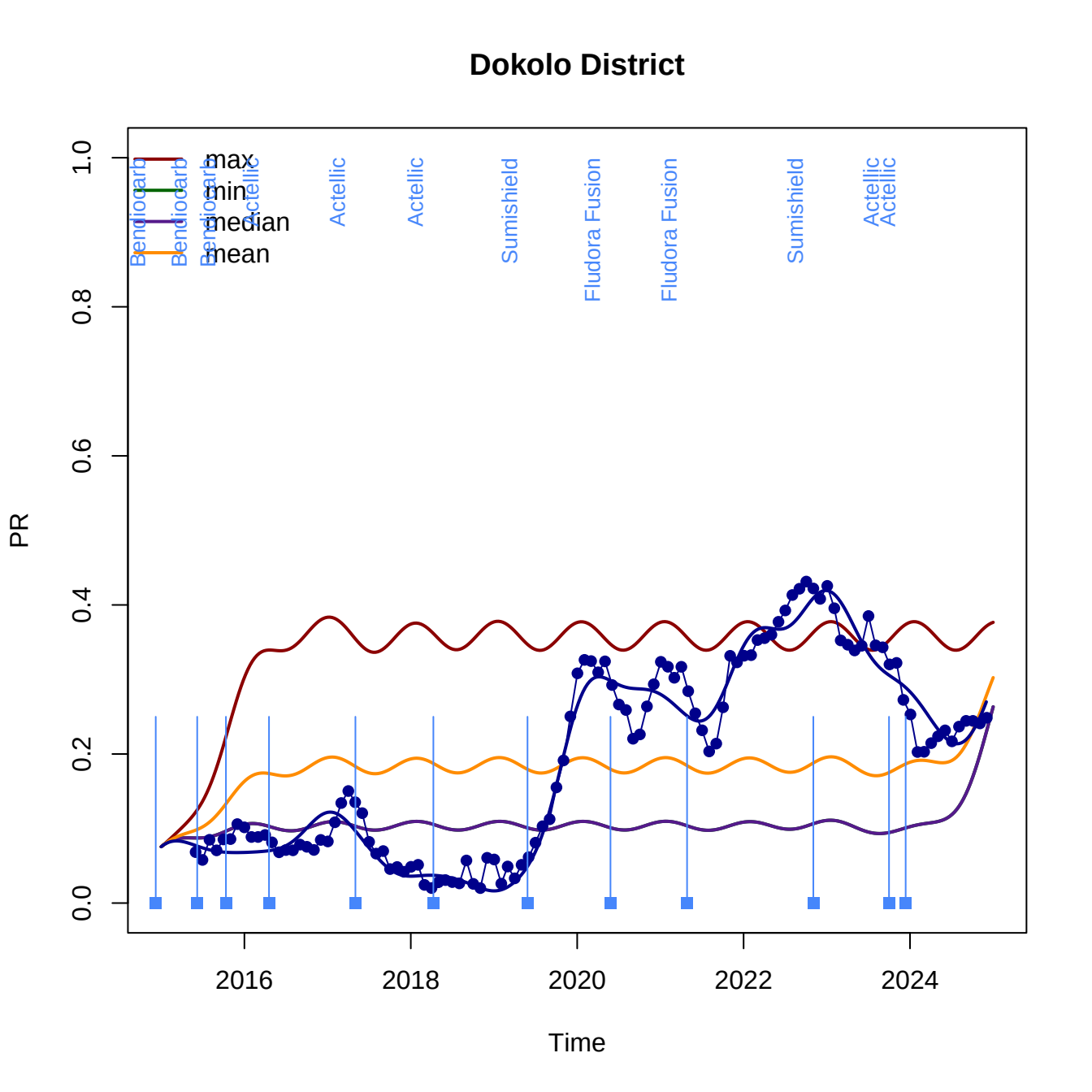
2022
2024
Time


Dokolo District
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Bendiocarb
Bendiocarb
Actellic
Actellic
Actellic
Sumishield
Fludora Fusion
Fludora Fusion
Sumishield
Actellic
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PR
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0.6
0.8
1.0
2016
2018
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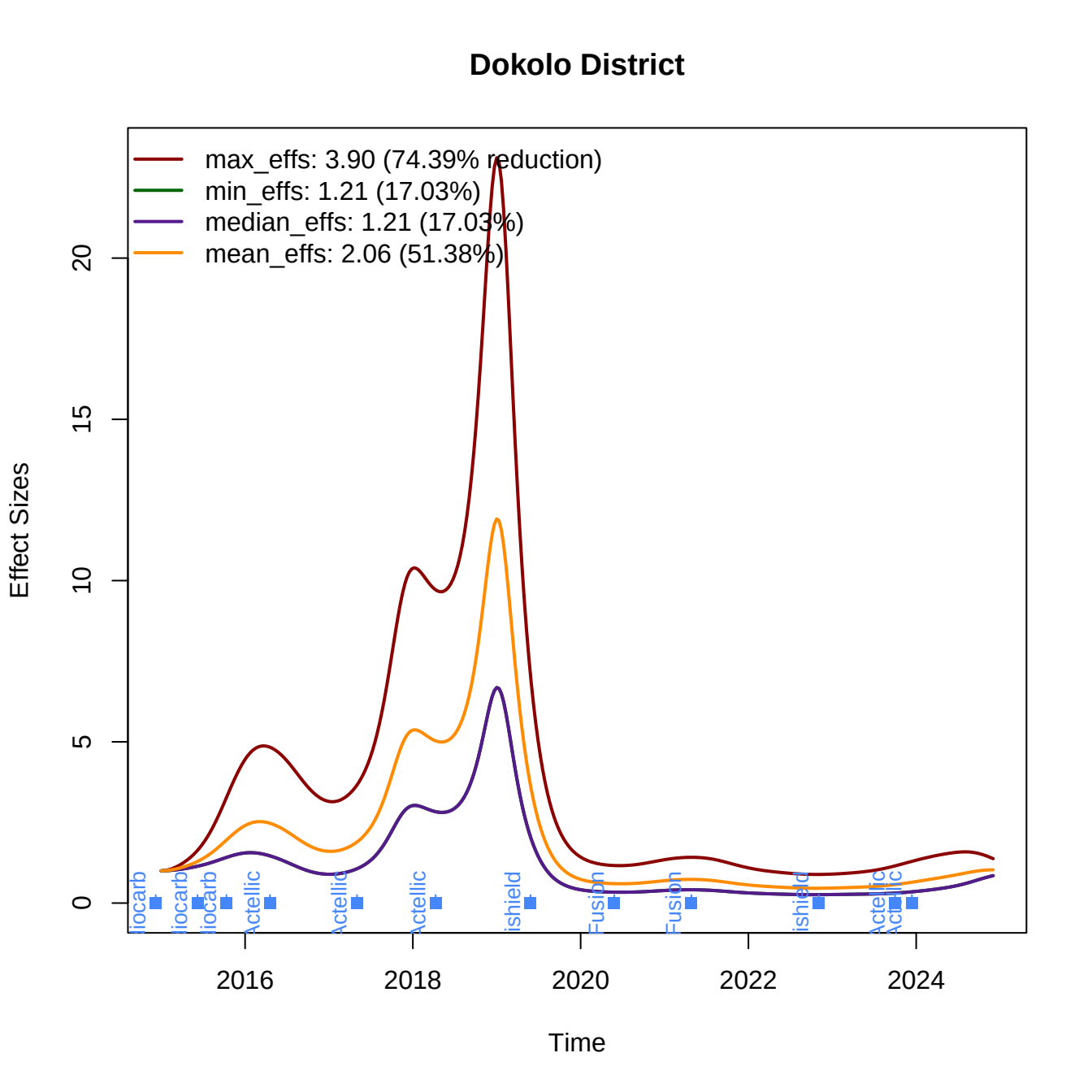
2022
2024
Time


Dokolo District
max_effs: 3.90 (74.39% reduction)
min_effs: 1.21 (17.03%)
median_effs: 1.21 (17.03%)
mean_effs: 2.06 (51.38%)
Effect Sizes
0
5
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2016
2018
2020
2022
2024
Time
iocarb
iocarb
iocarb
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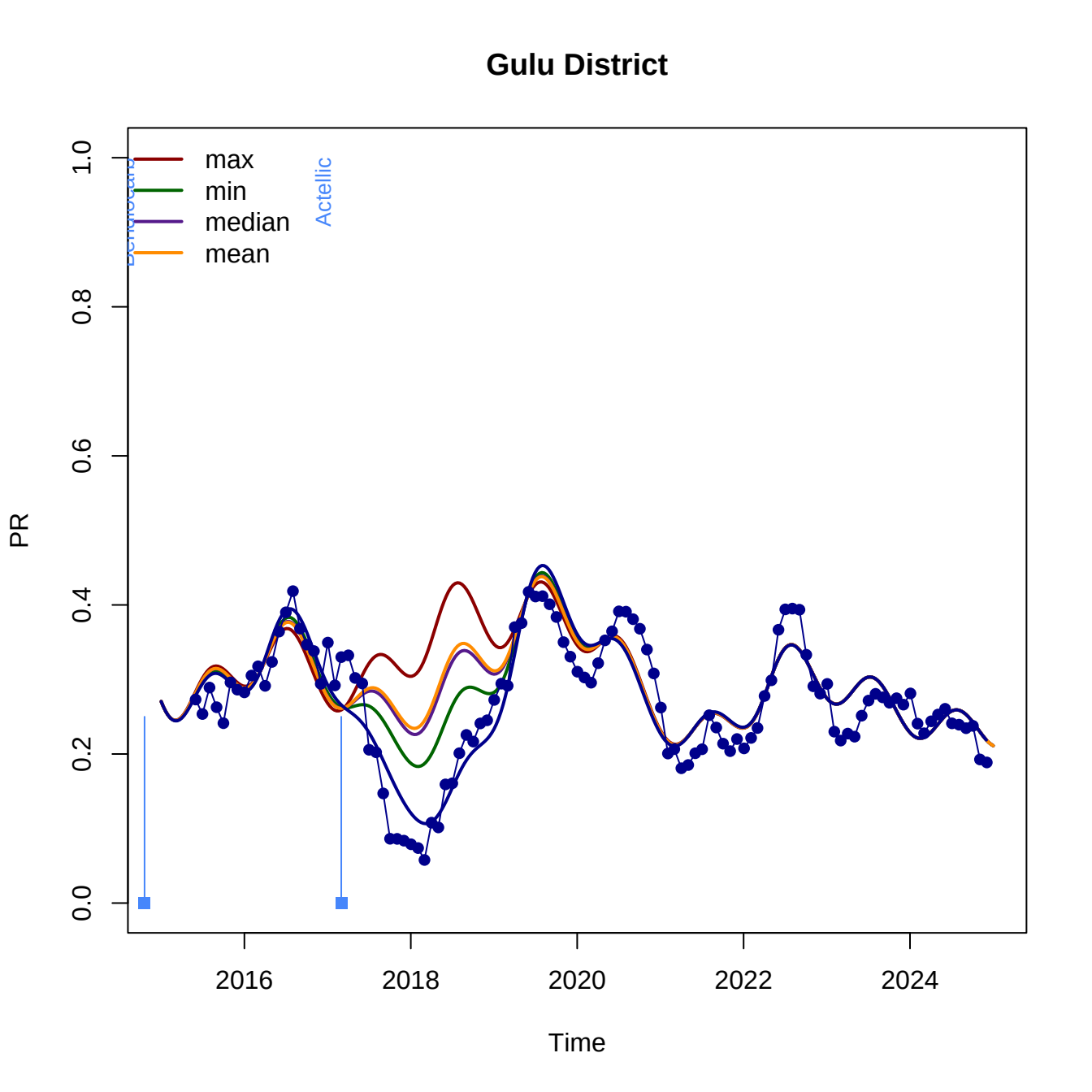
Gulu District
max
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median
mean
Actellic
PR
0.0
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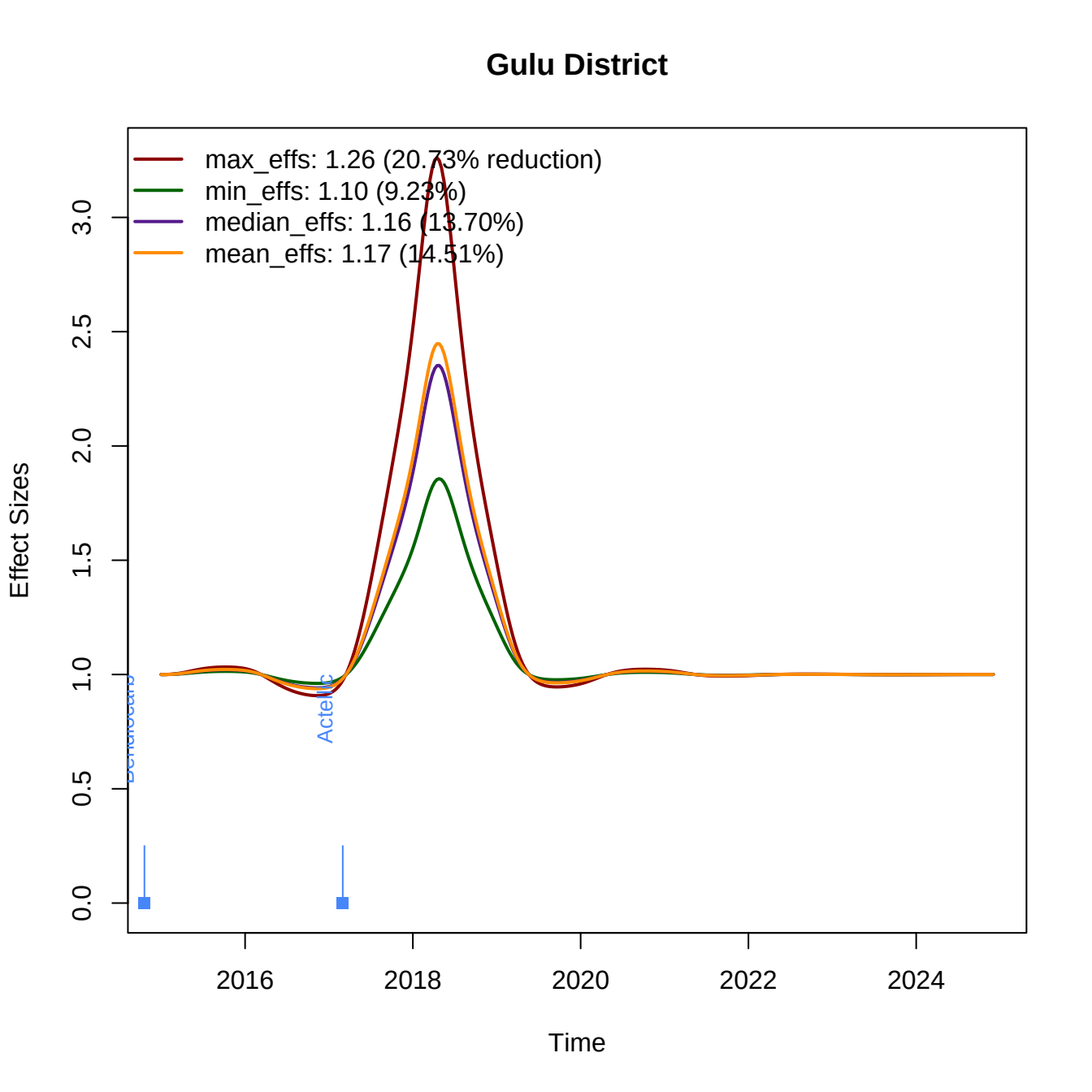
0.4
0.6
0.8
1.0
2016
2018
2020
2022
2024
Time


Gulu District
max_effs: 1.26 (20.73% reduction)
min_effs: 1.10 (9.23%)
median_effs: 1.16 (13.70%)
mean_effs: 1.17 (14.51%)
Effect Sizes
0.0
0.5
1.0
1.5
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2.5
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Acteric
2016
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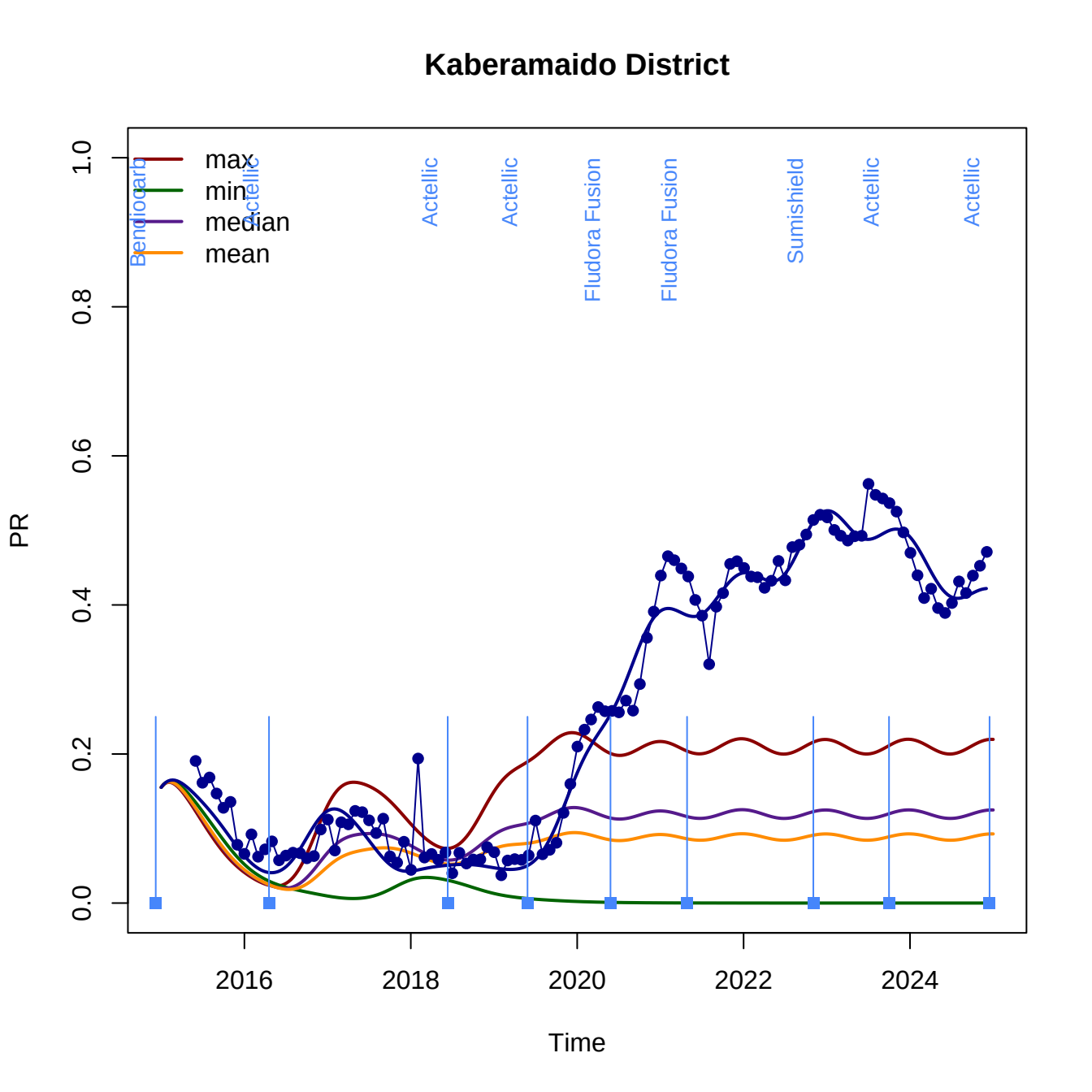
2024
Time


Kaberamaido District
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Bendiocarb
Actellic
Actellic
Actellic
Actellic
Fludora Fusion
Fludora Fusion
Sumishield
Actellic
Actellic
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0.8
1.0
2016
2018
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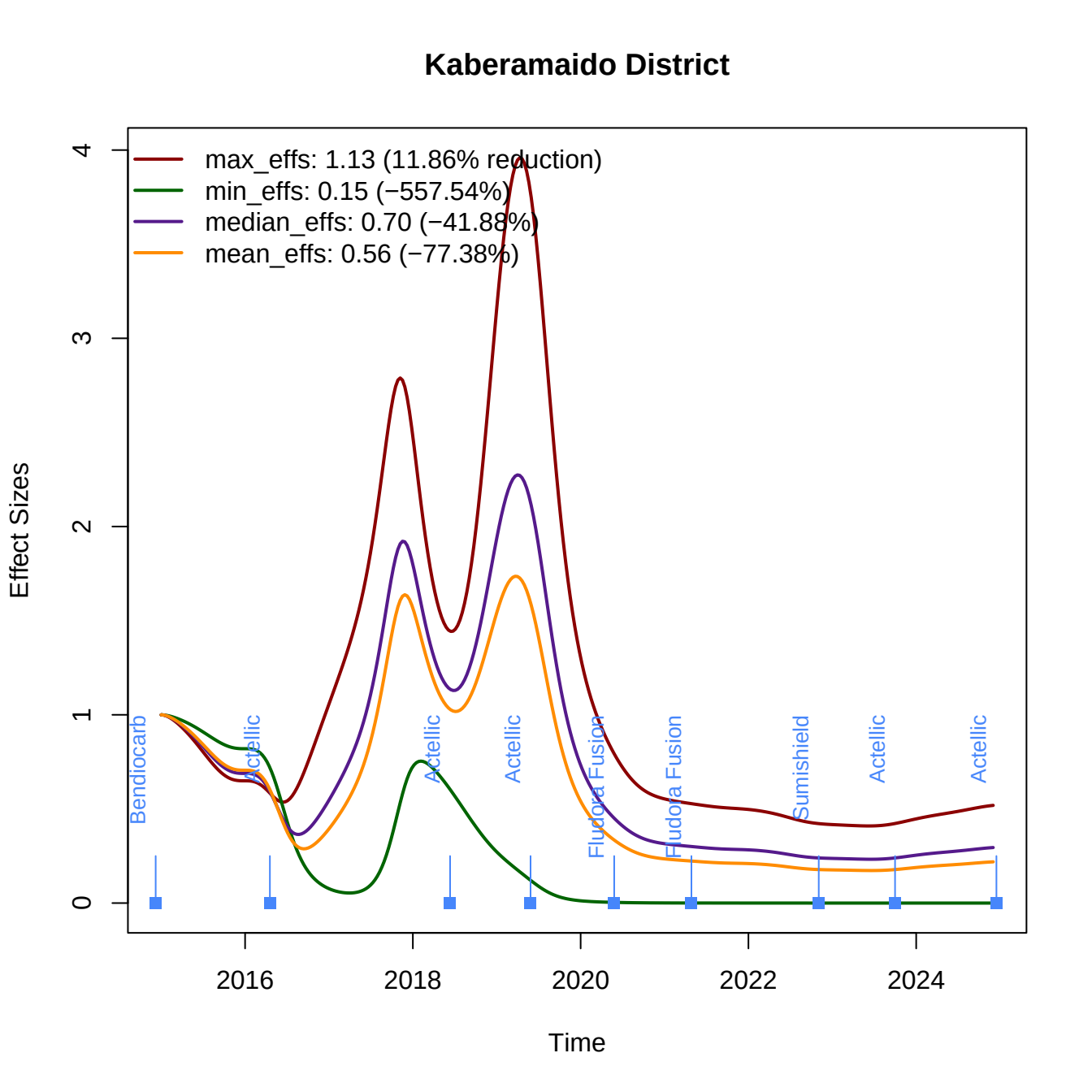
2022
2024
Time


Kaberamaido District
max_effs: 1.13 (11.86% reduction)
min_effs: 0.15 (−557.54%)
median_effs: 0.70 (−41.88%)
mean_effs: 0.56 (−77.38%)
Effect Sizes
0
1
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4
Bendiocarb
Actellic
Actellic
Actellic
Fludora Fusion
Fludora Fusion
Sumishield
Actellic
Actellic
2016
2018
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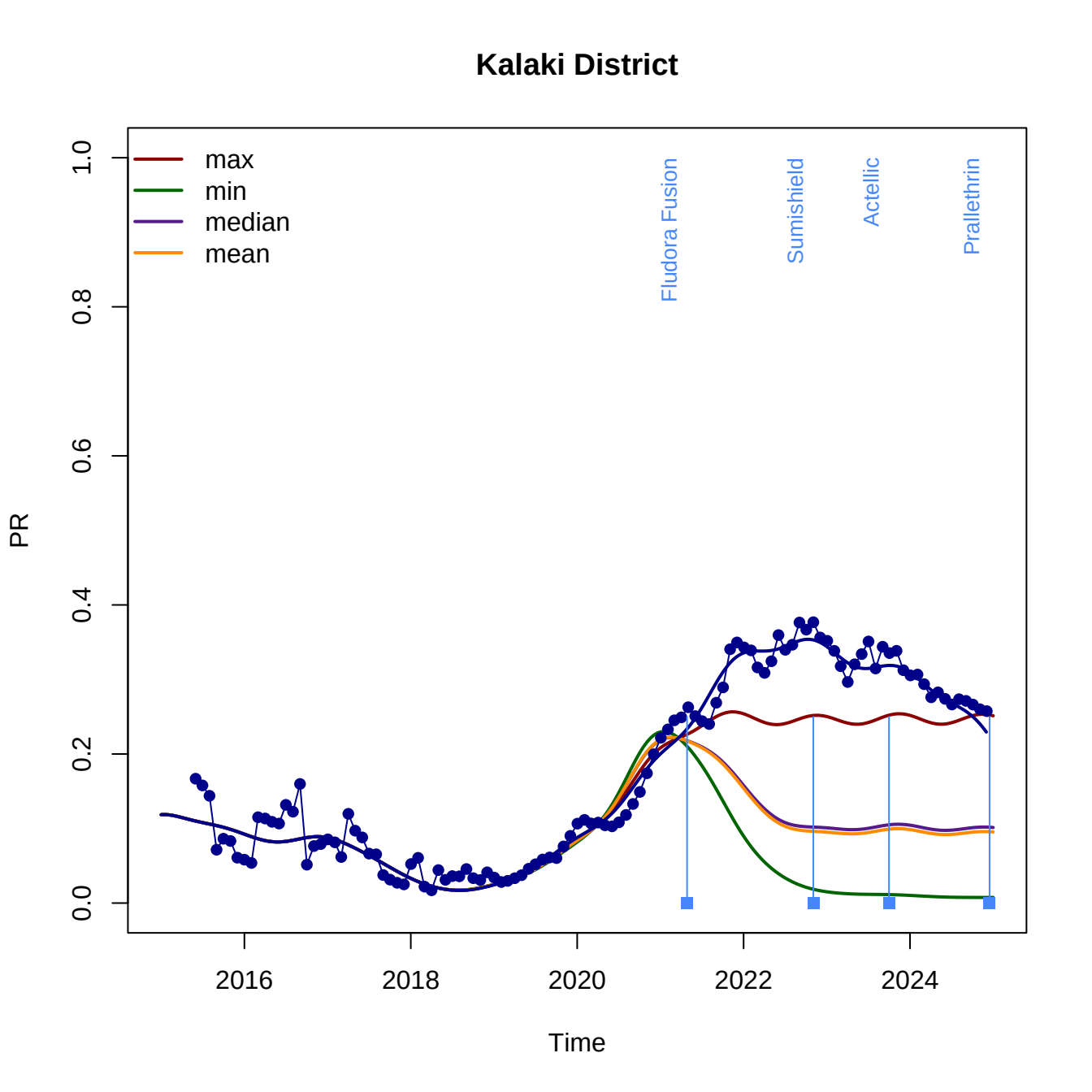
2022
2024
Time


Kalaki District
max
min
median
mean
Fludora Fusion
Sumishield
Actellic
Prallethrin
PR
0.0
0.2
0.4
0.6
0.8
1.0
2016
2018
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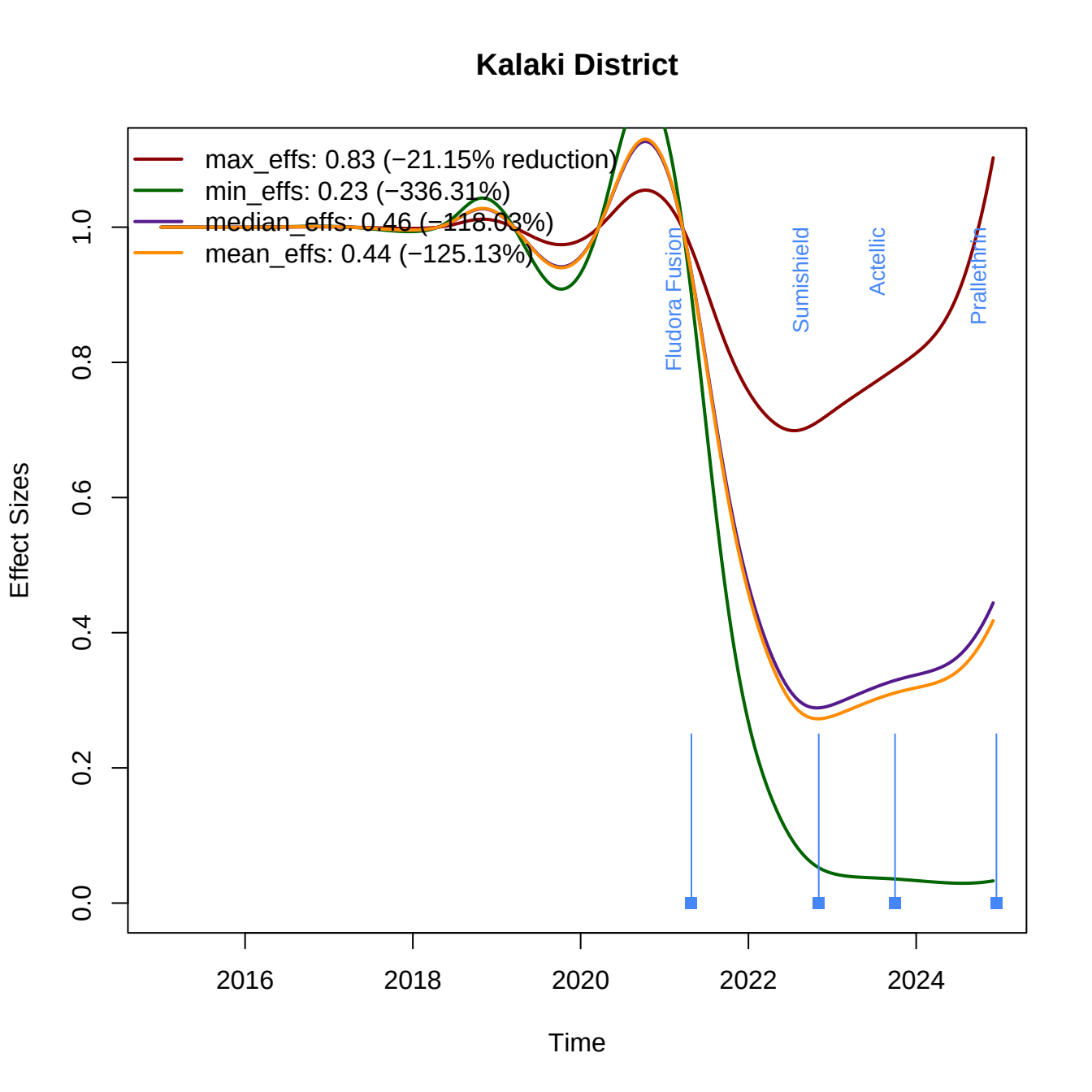
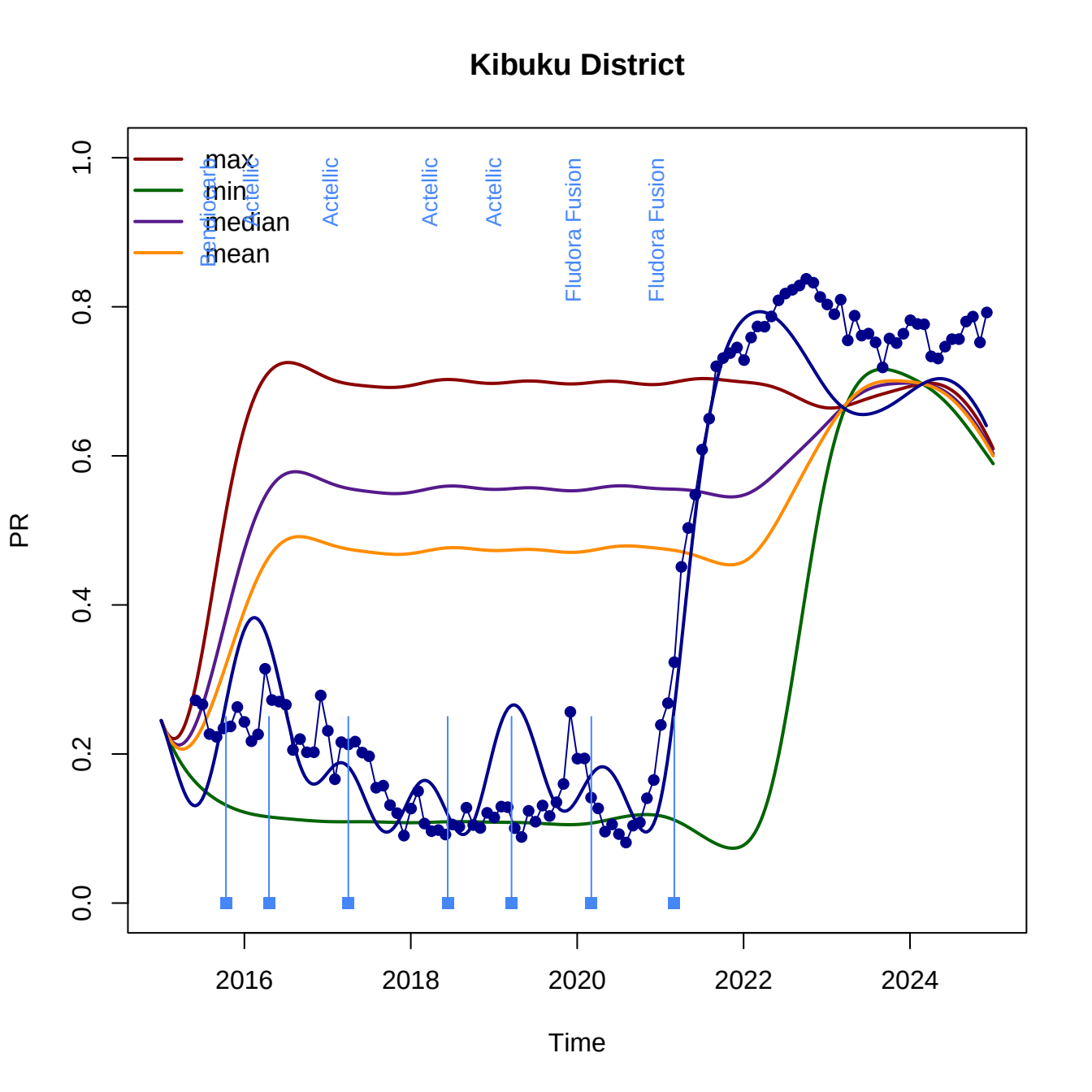
2022
2024
Time


Kalaki District
max_effs: 0.83 (−21.15% reduction)
min_effs: 0.23 (−336.31%)
median_effs: 0.46 (−118.03%)
mean_effs: 0.44 (−125.13%)
Fludora Fusion
Sumishield
Actellic
Prallethrin
Effect Sizes
0.0
0.2
0.4
0.6
0.8
1.0
2016
2018
2020
2022
2024
Time


Kibuku District
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median
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Bendiocarb
Actellic
Actellic
Actellic
Actellic
Fludora Fusion
Fludora Fusion
PR
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2016
2018
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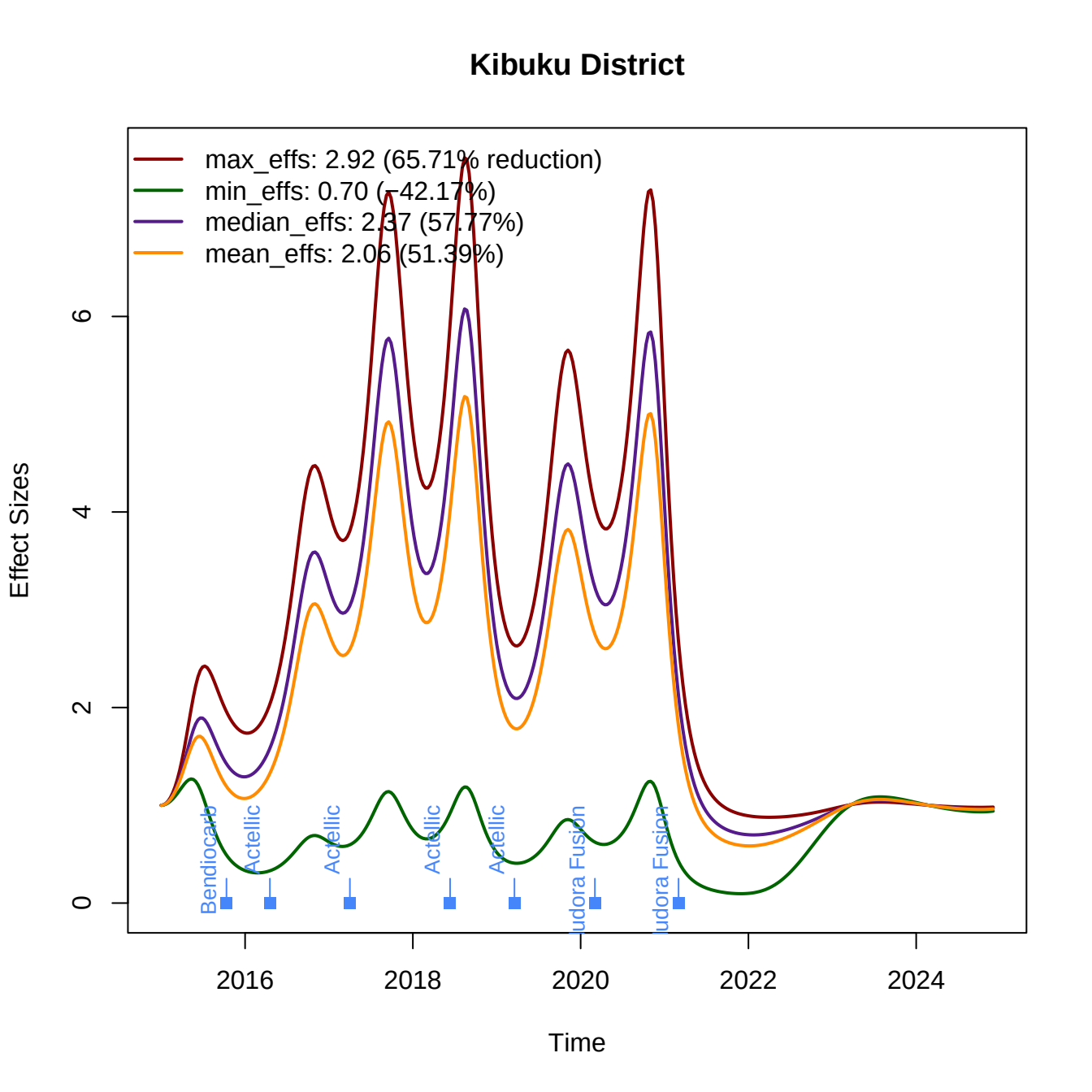
2024
Time


Kibuku District
max_effs: 2.92 (65.71% reduction)
min_effs: 0.70 (−42.17%)
median_effs: 2.37 (57.77%)
mean_effs: 2.06 (51.39%)
Effect Sizes
0
2
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Bendiocarb
Actellic
Actellic
Actellic
Actellic
udora Fusion
udora Fusion
2016
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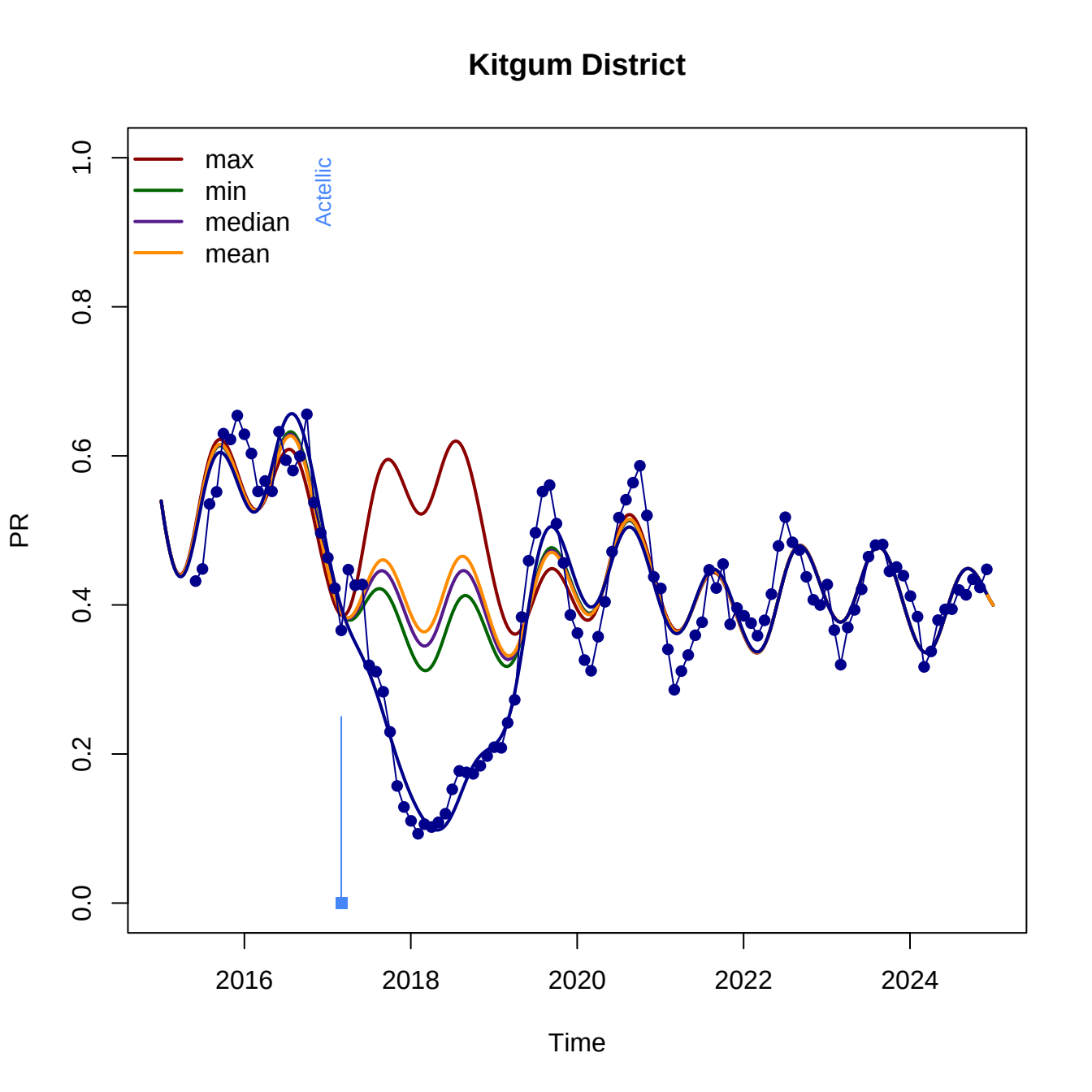
2022
2024
Time


Kitgum District
max
min
median
mean
Actellic
PR
0.0
0.2
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2016
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2020
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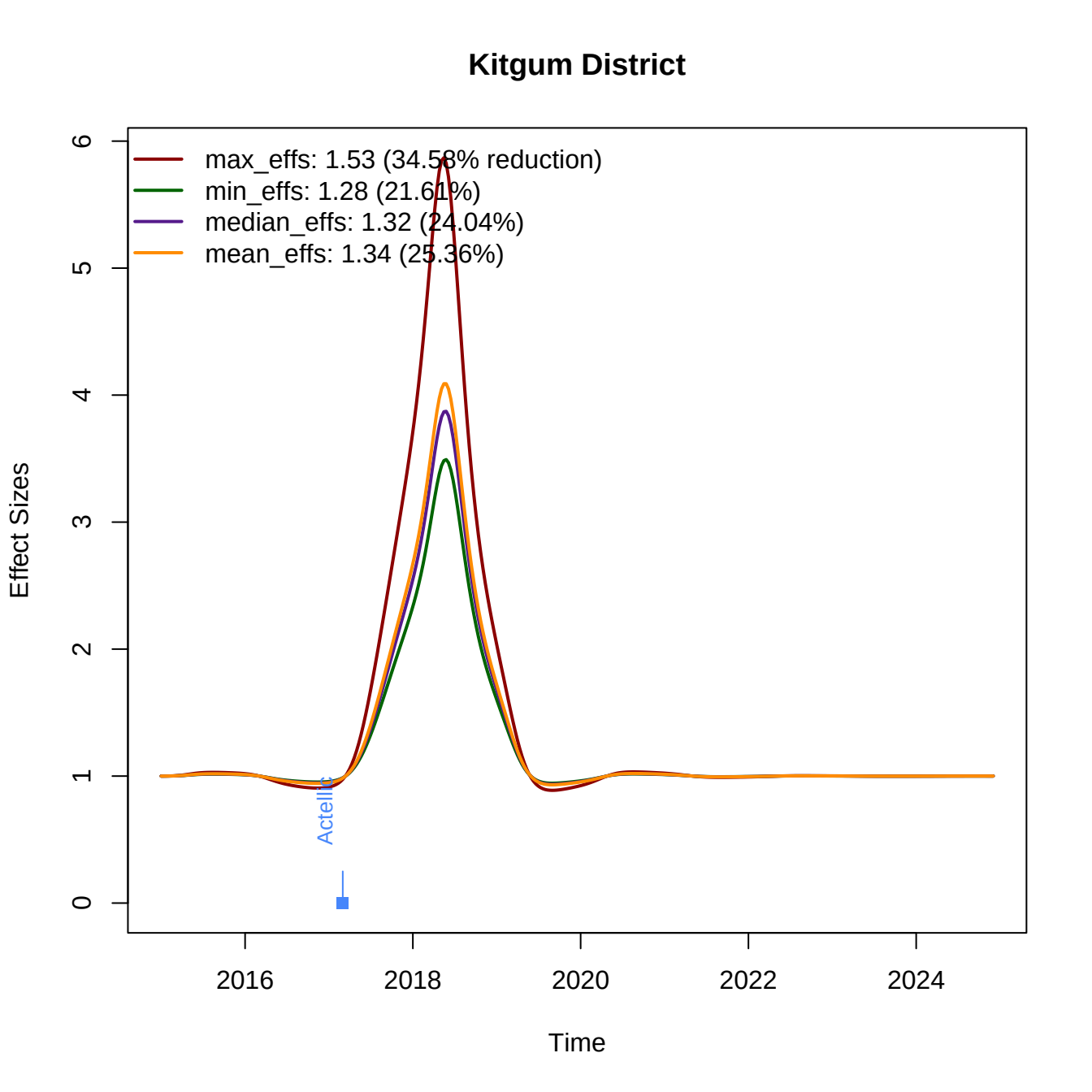
Time


Kitgum District
max_effs: 1.53 (34.58% reduction)
min_effs: 1.28 (21.61%)
median_effs: 1.32 (24.04%)
mean_effs: 1.34 (25.36%)
Actellic
Effect Sizes
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2016
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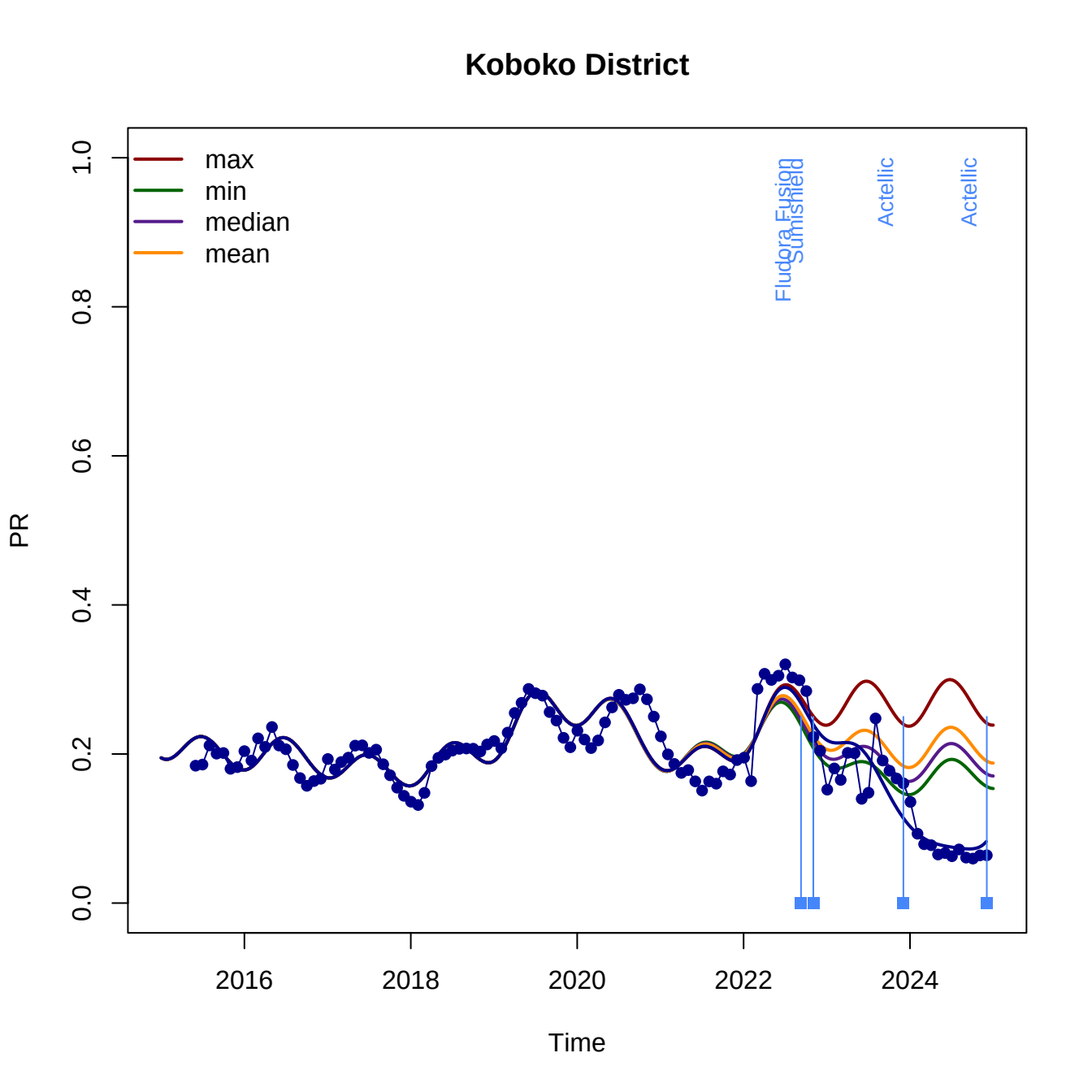
Time


Koboko District
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Fludora Fusion
Sumishield
Actellic
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2016
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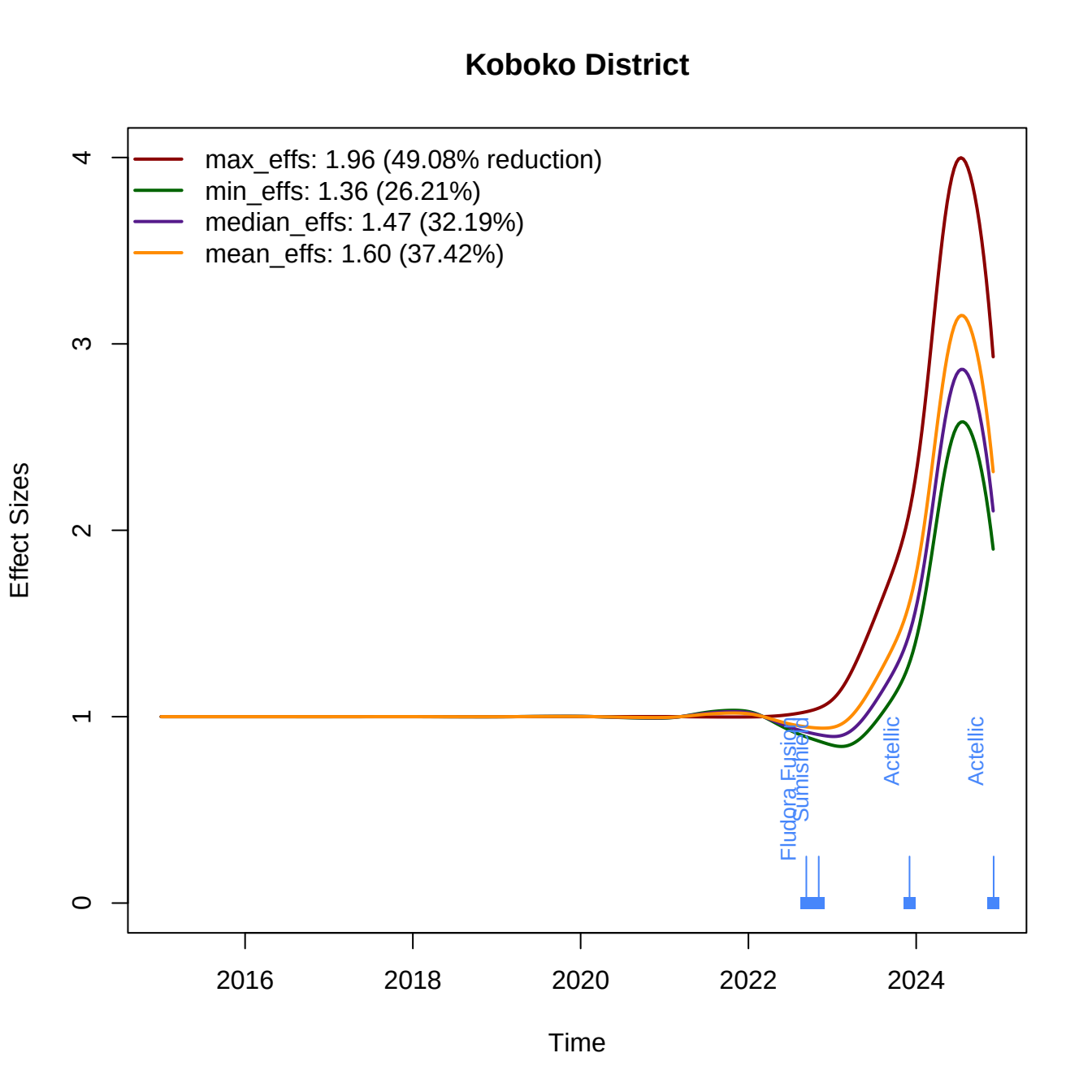
Time


Koboko District
max_effs: 1.96 (49.08% reduction)
min_effs: 1.36 (26.21%)
median_effs: 1.47 (32.19%)
mean_effs: 1.60 (37.42%)
Effect Sizes
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2016
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Fludora Fusion
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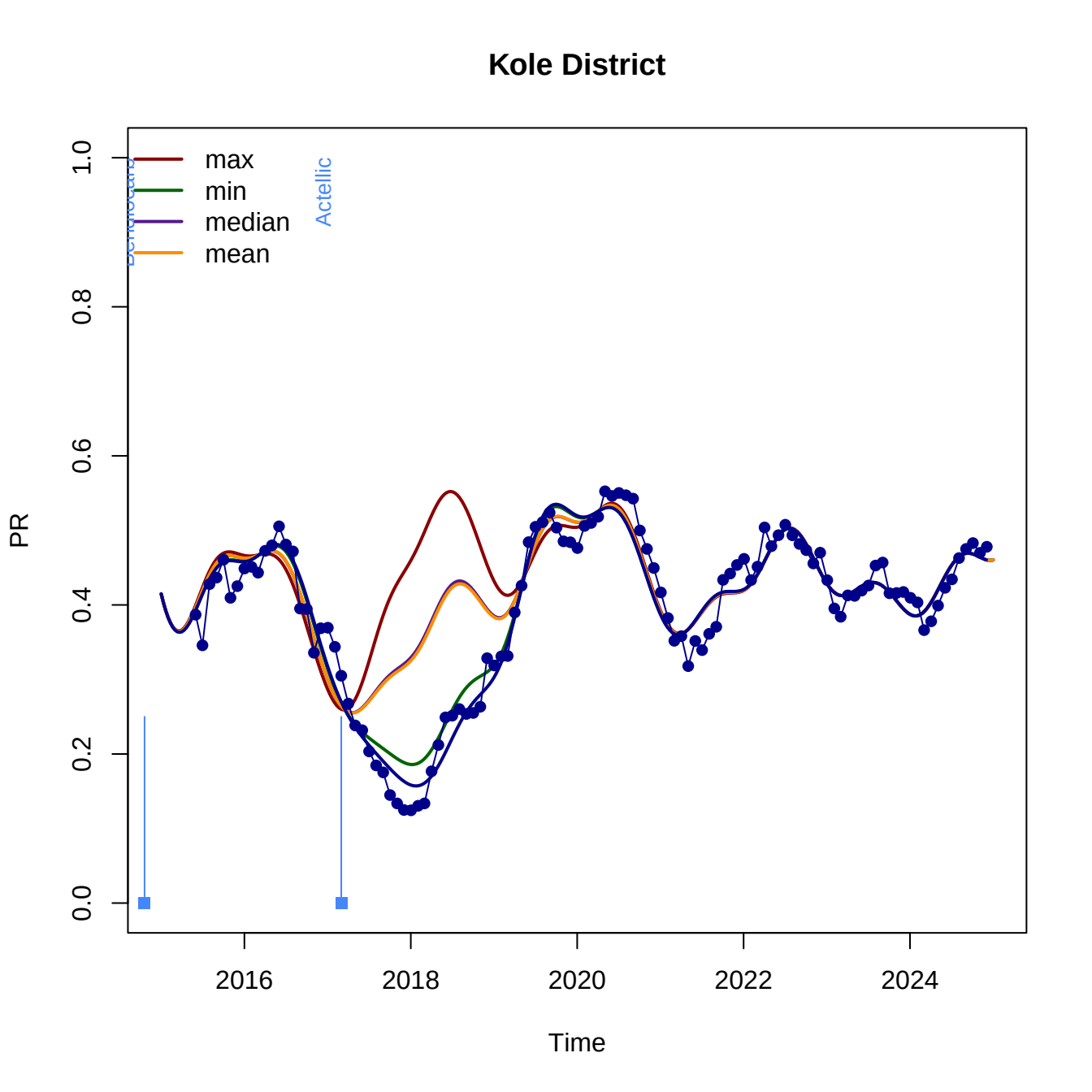
Kole District
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Actellic
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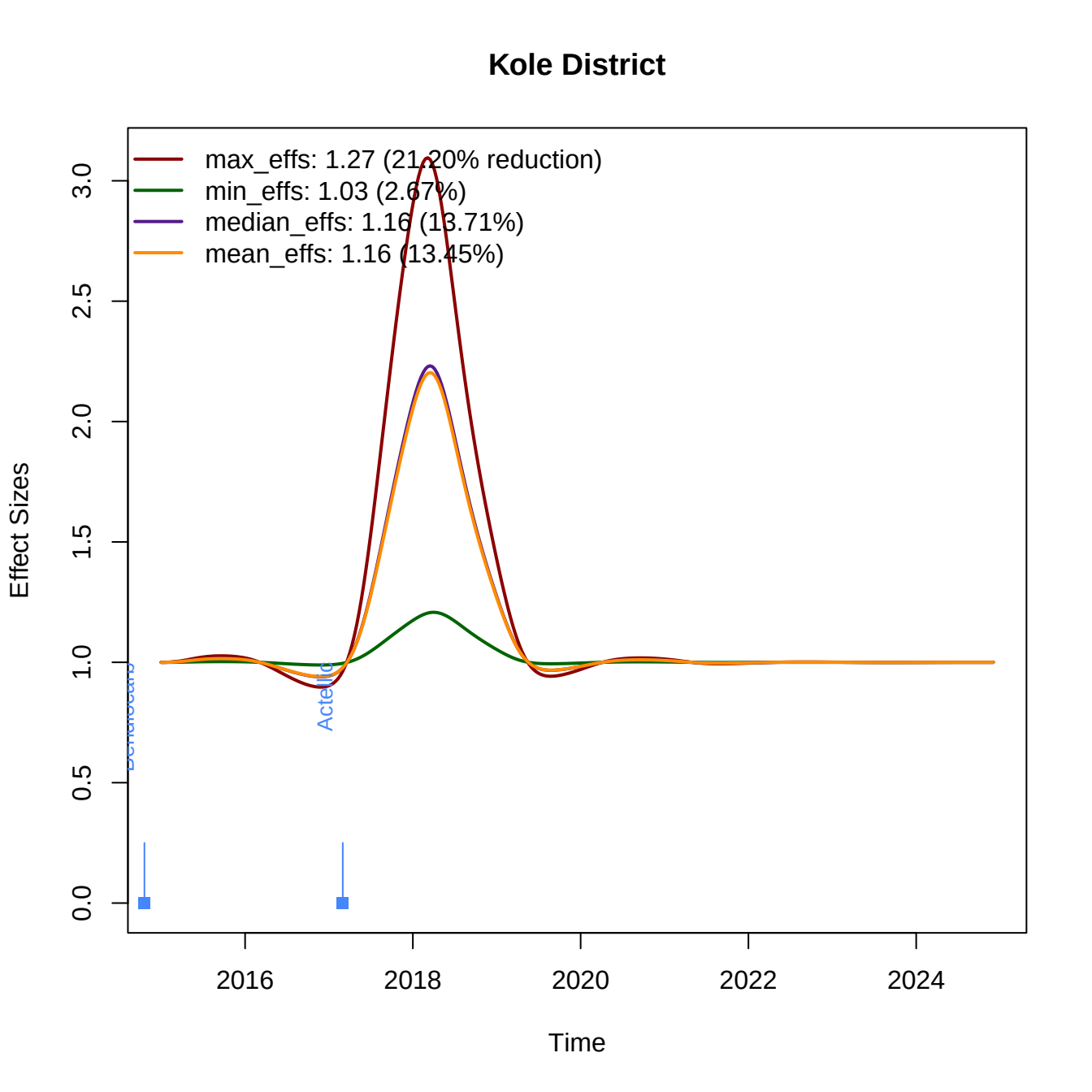
Kole District
max_effs: 1.27 (21.20% reduction)
min_effs: 1.03 (2.67%)
median_effs: 1.16 (13.71%)
mean_effs: 1.16 (13.45%)
Effect Sizes
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2016
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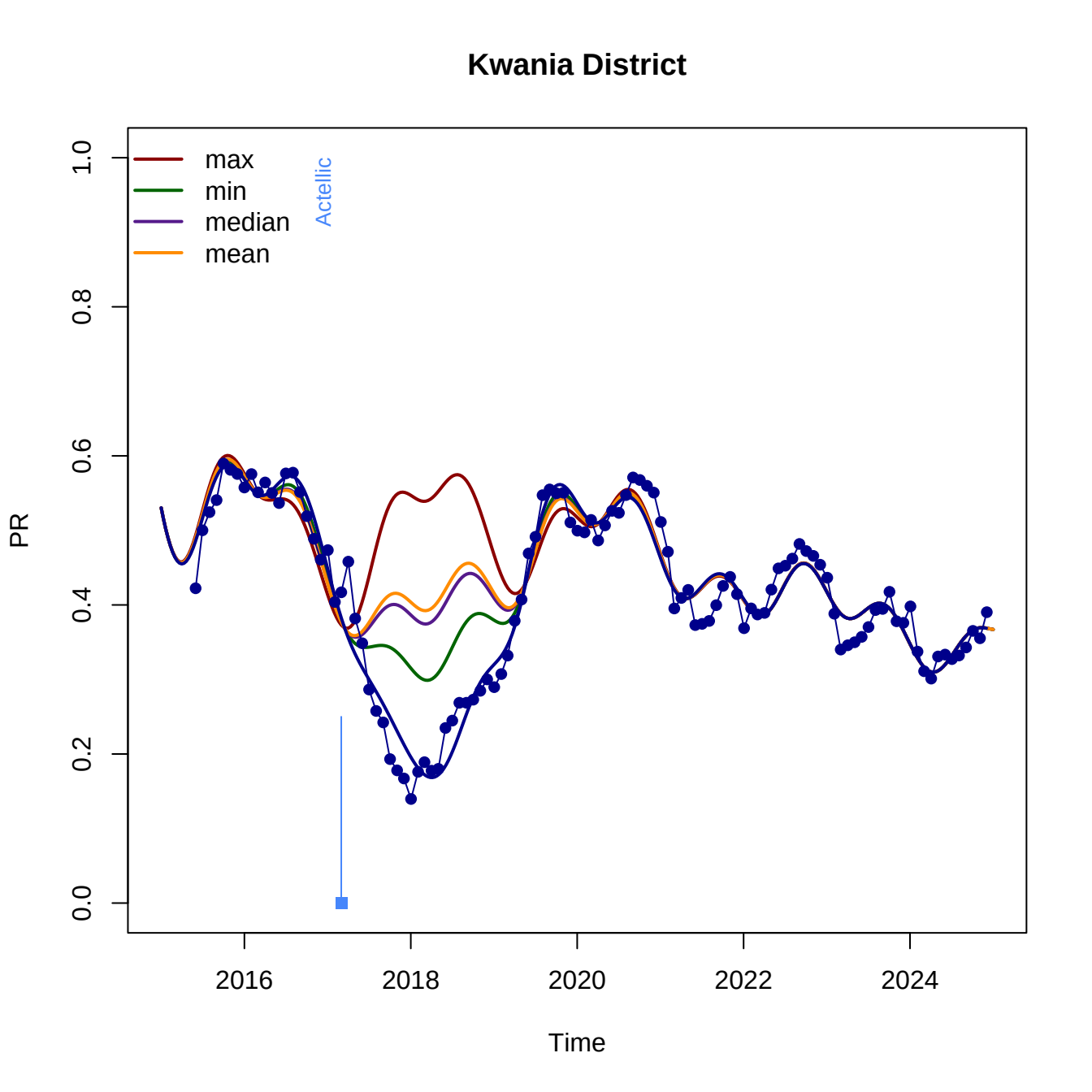
Time


Kwania District
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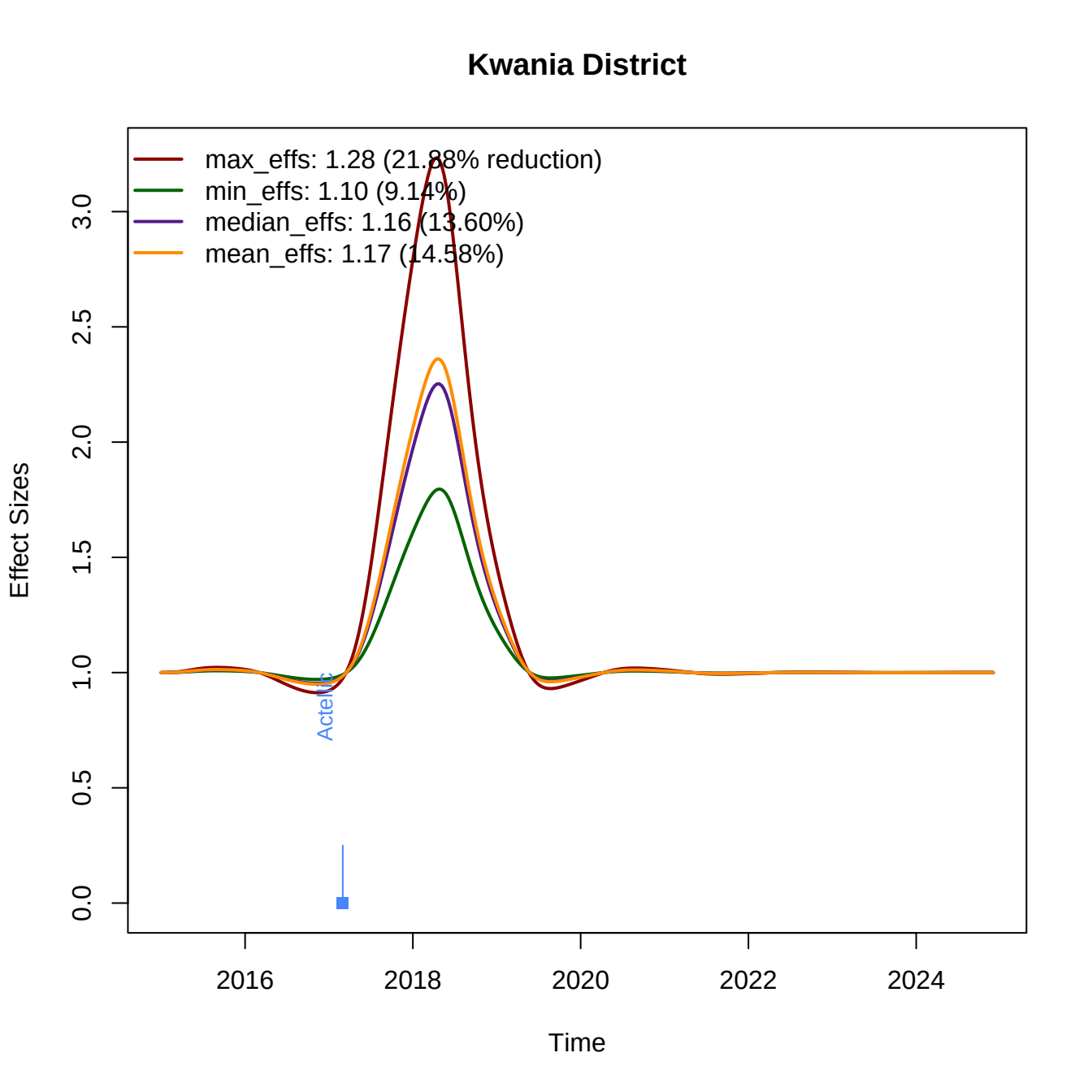
Kwania District
max_effs: 1.28 (21.88% reduction)
min_effs: 1.10 (9.14%)
median_effs: 1.16 (13.60%)
mean_effs: 1.17 (14.58%)
Effect Sizes
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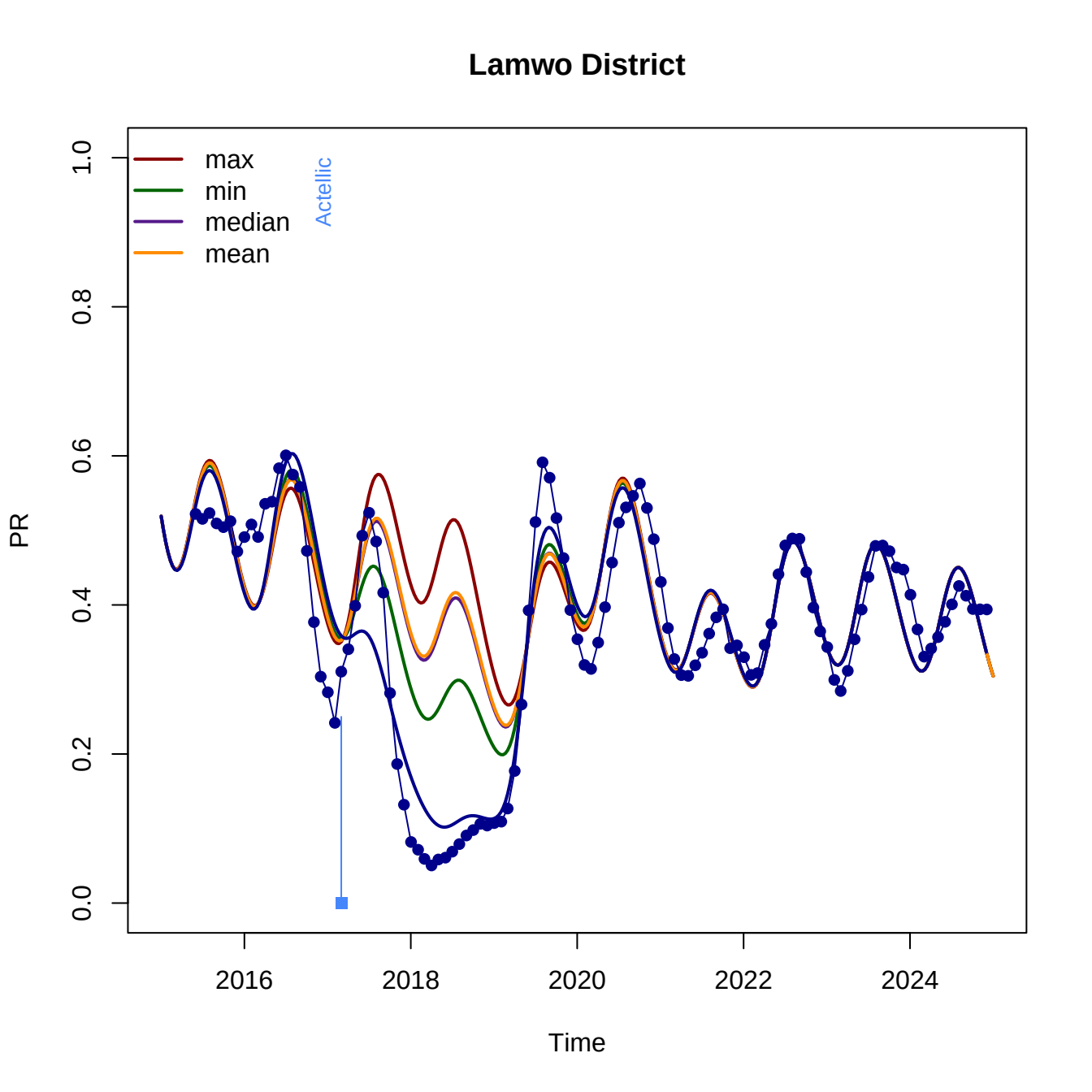
Lamwo District
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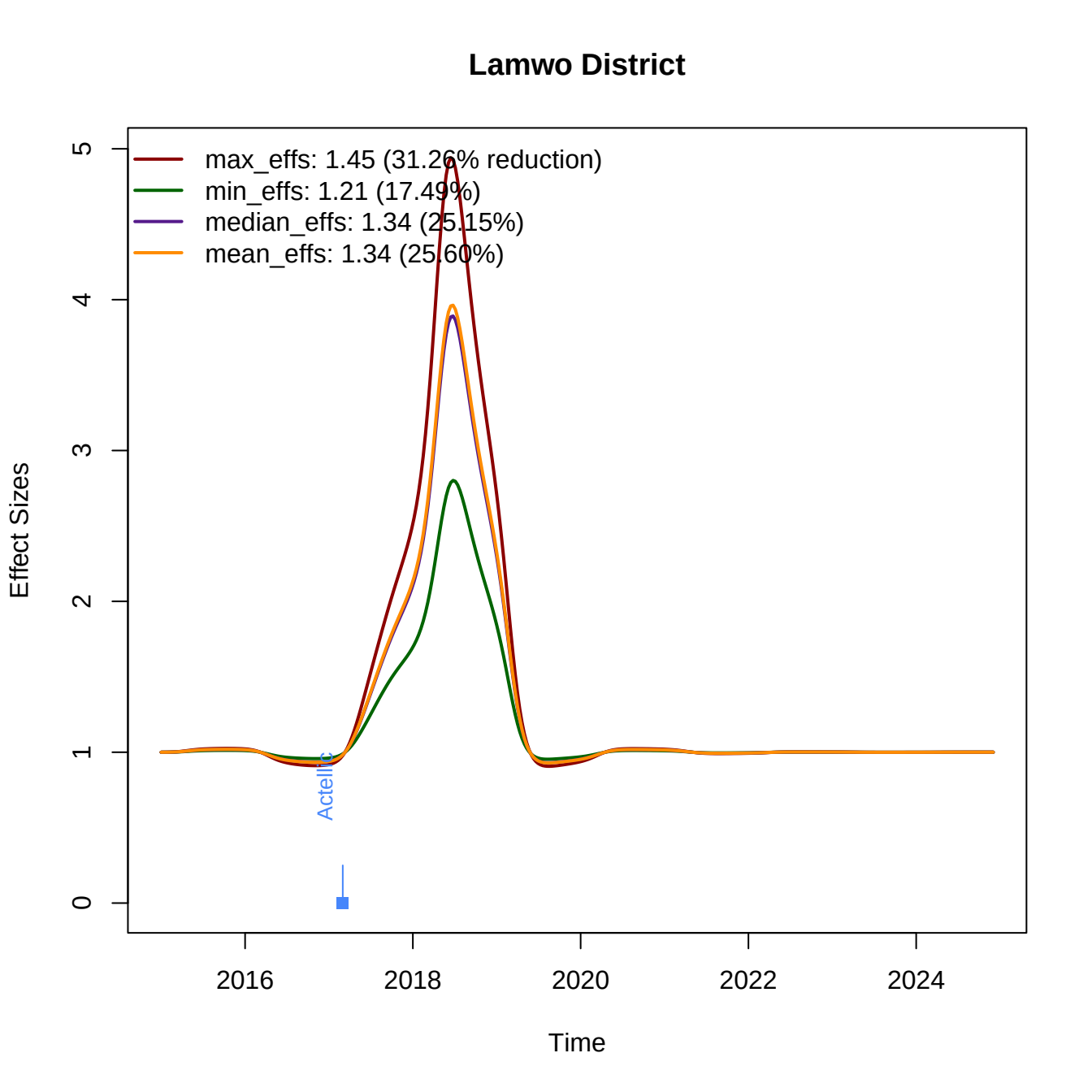
Lamwo District
max_effs: 1.45 (31.26% reduction)
min_effs: 1.21 (17.49%)
median_effs: 1.34 (25.15%)
mean_effs: 1.34 (25.60%)
Effect Sizes
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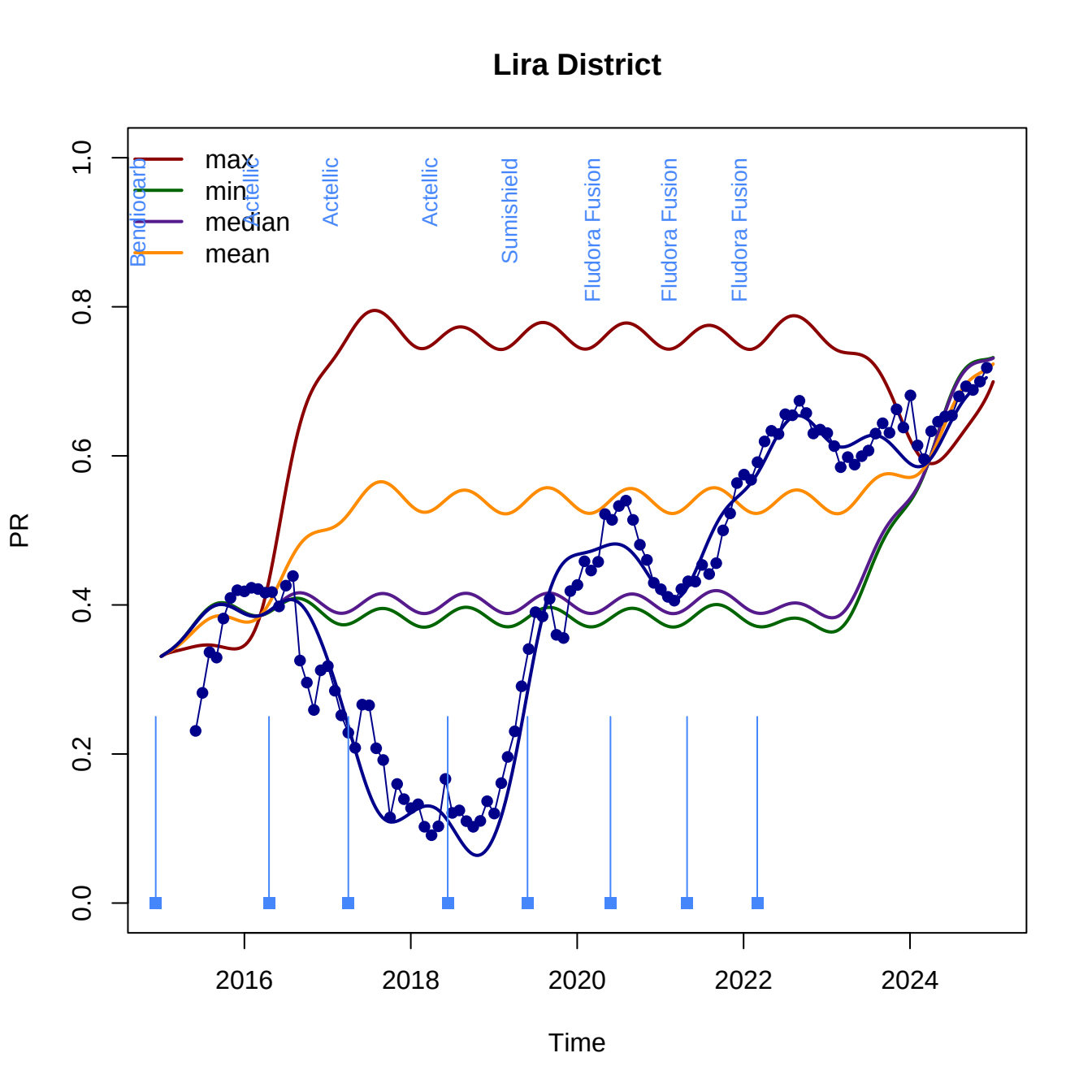
Lira District
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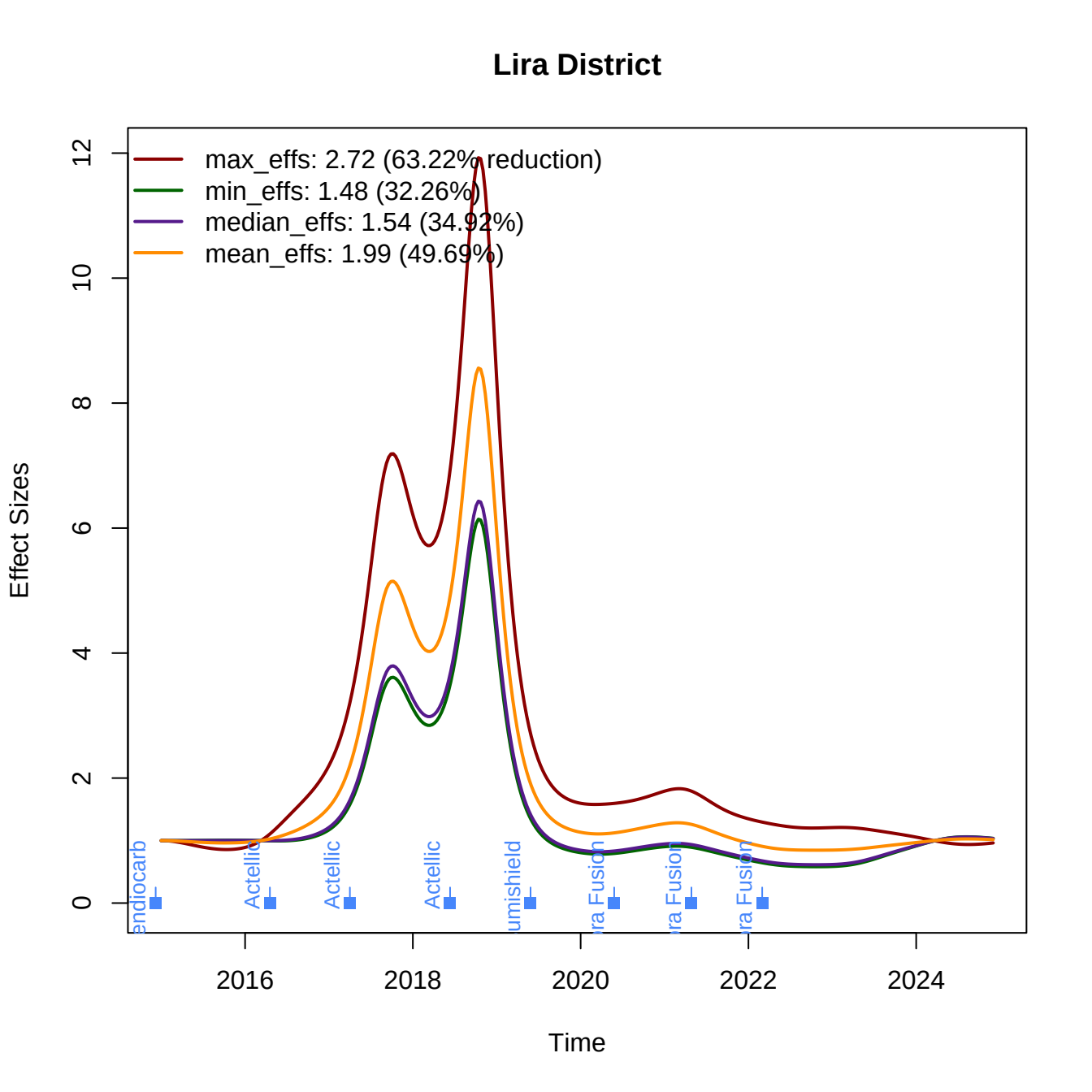
Lira District
max_effs: 2.72 (63.22% reduction)
min_effs: 1.48 (32.26%)
median_effs: 1.54 (34.92%)
mean_effs: 1.99 (49.69%)
Effect Sizes
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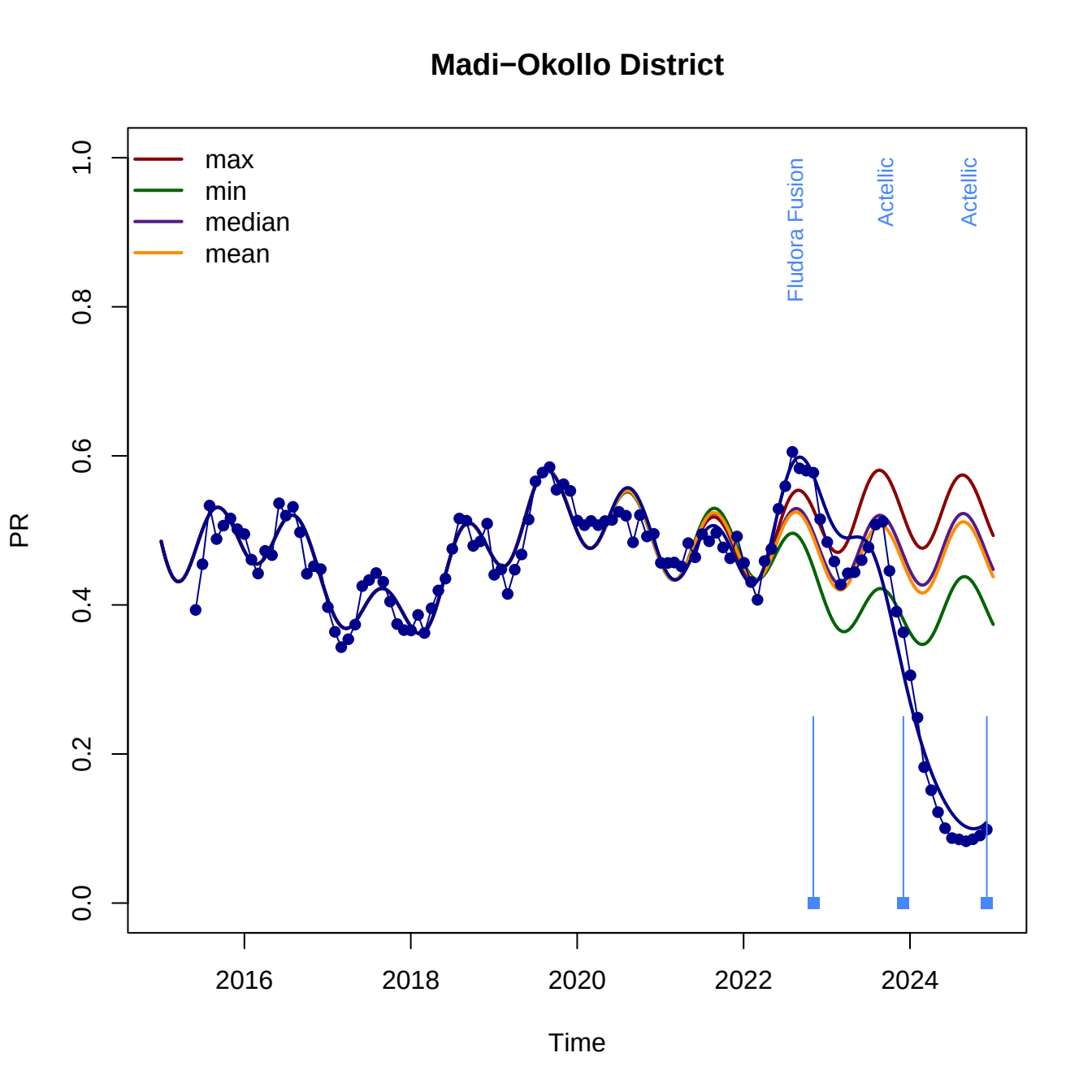
Madi−Okollo District
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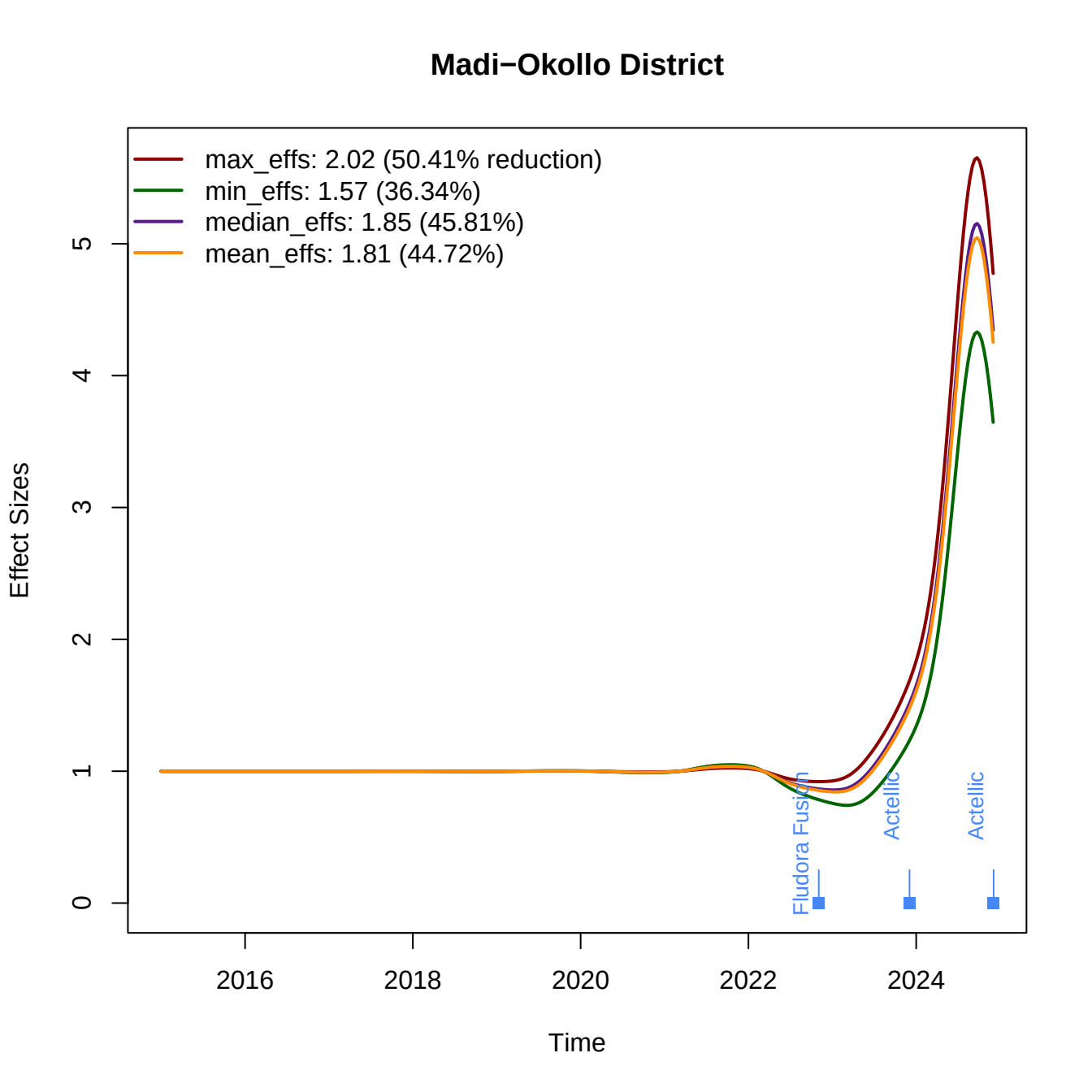
Madi−Okollo District
max_effs: 2.02 (50.41% reduction)
min_effs: 1.57 (36.34%)
median_effs: 1.85 (45.81%)
mean_effs: 1.81 (44.72%)
Effect Sizes
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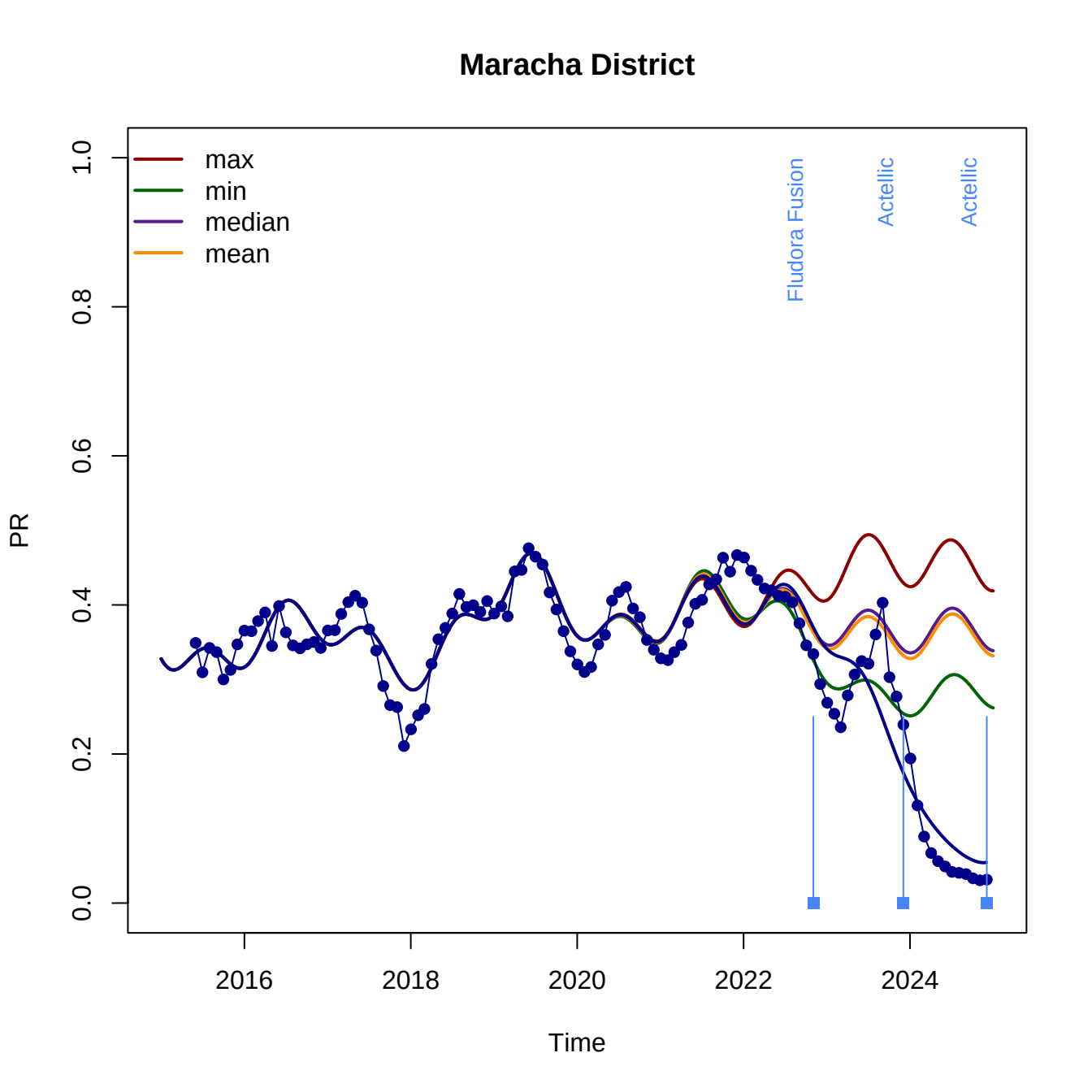
Maracha District
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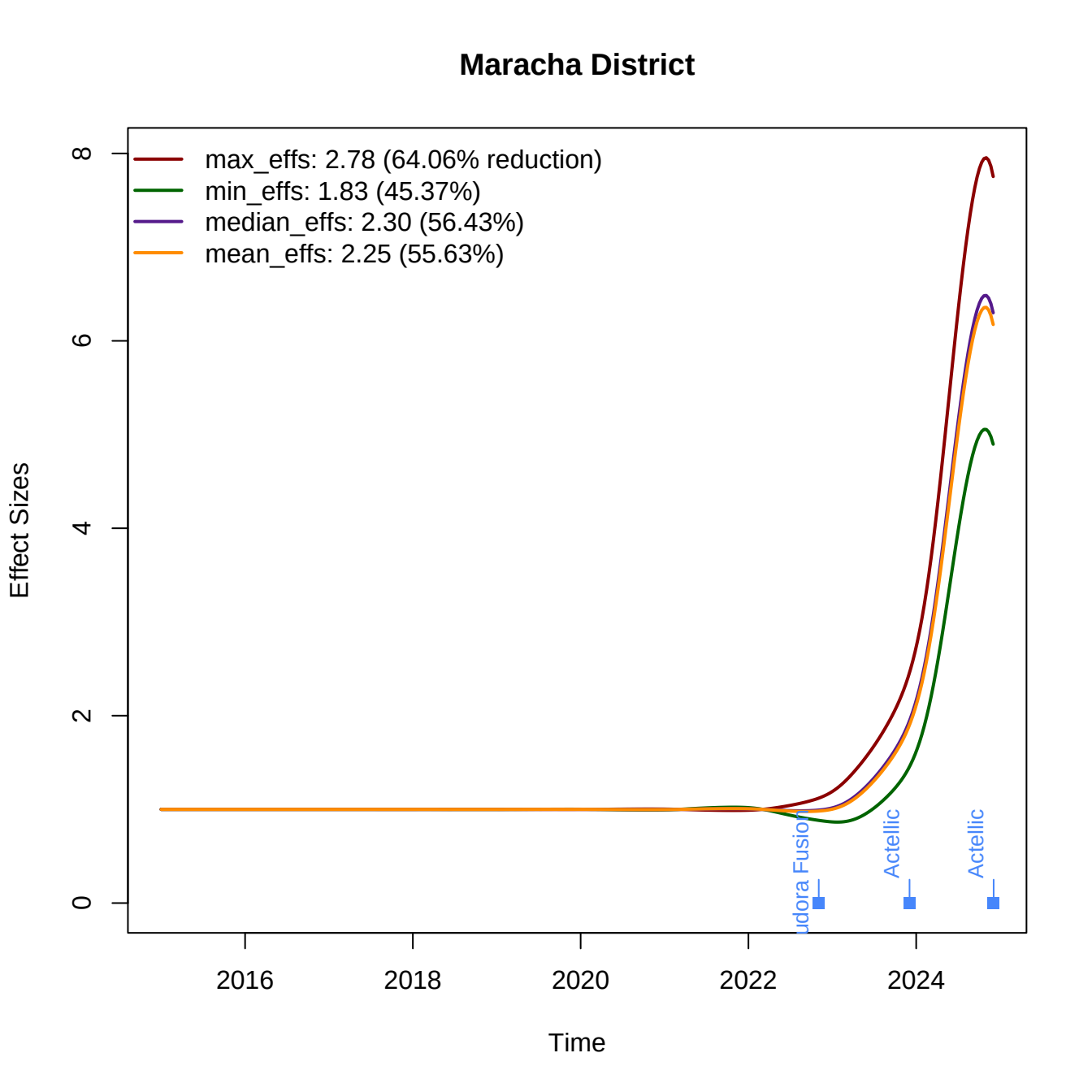
Maracha District
max_effs: 2.78 (64.06% reduction)
min_effs: 1.83 (45.37%)
median_effs: 2.30 (56.43%)
mean_effs: 2.25 (55.63%)
Effect Sizes
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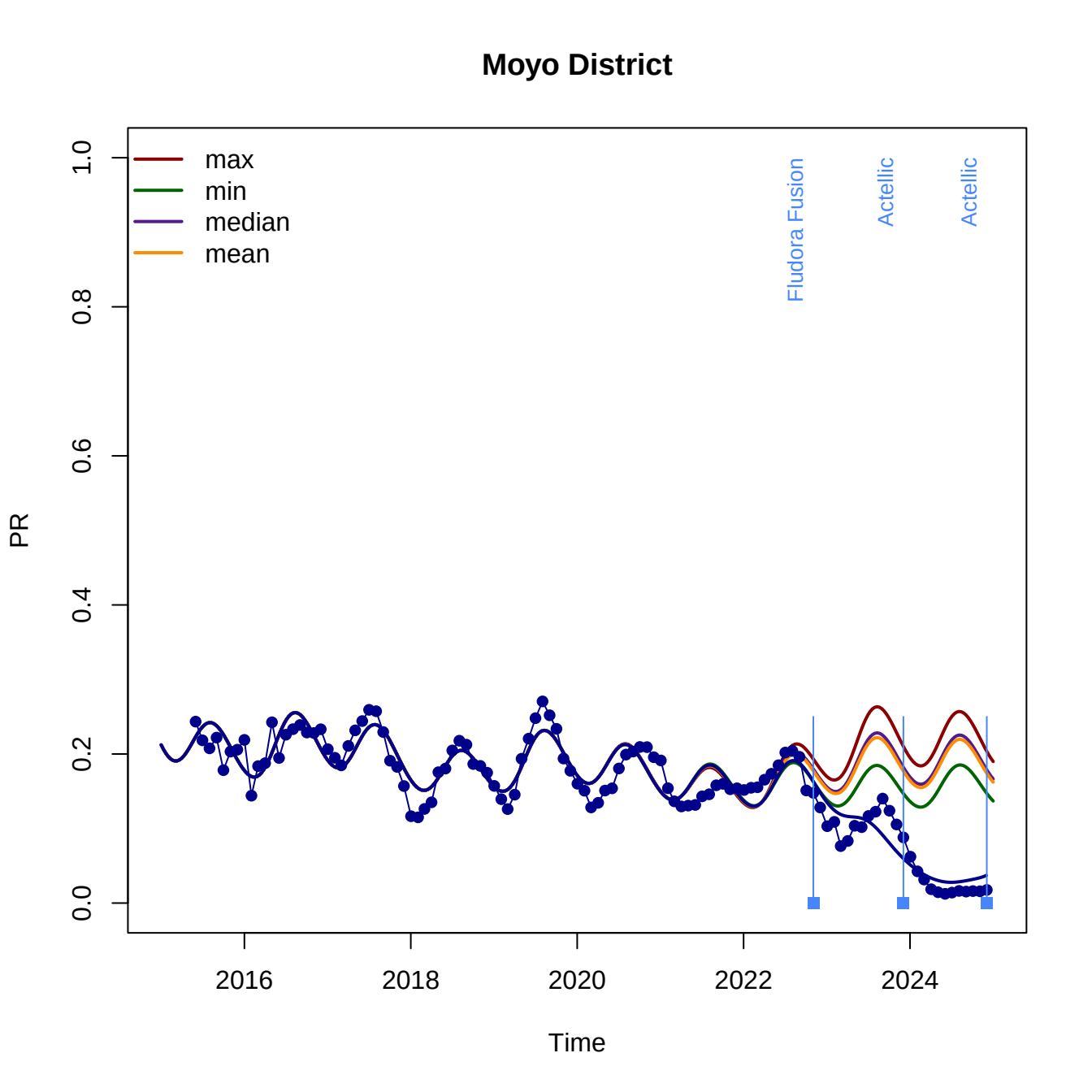
Moyo District
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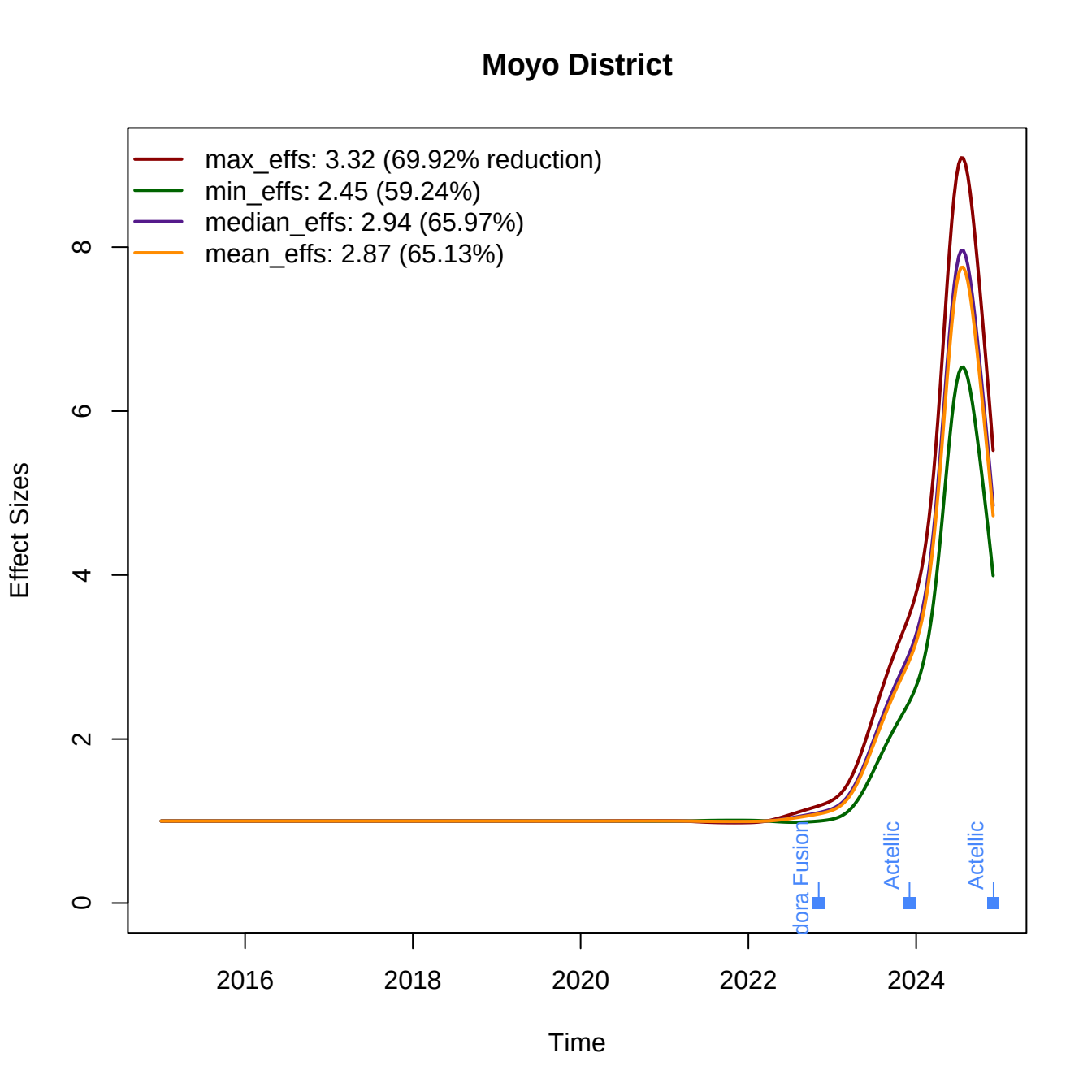
Moyo District
max_effs: 3.32 (69.92% reduction)
min_effs: 2.45 (59.24%)
median_effs: 2.94 (65.97%)
mean_effs: 2.87 (65.13%)
Effect Sizes
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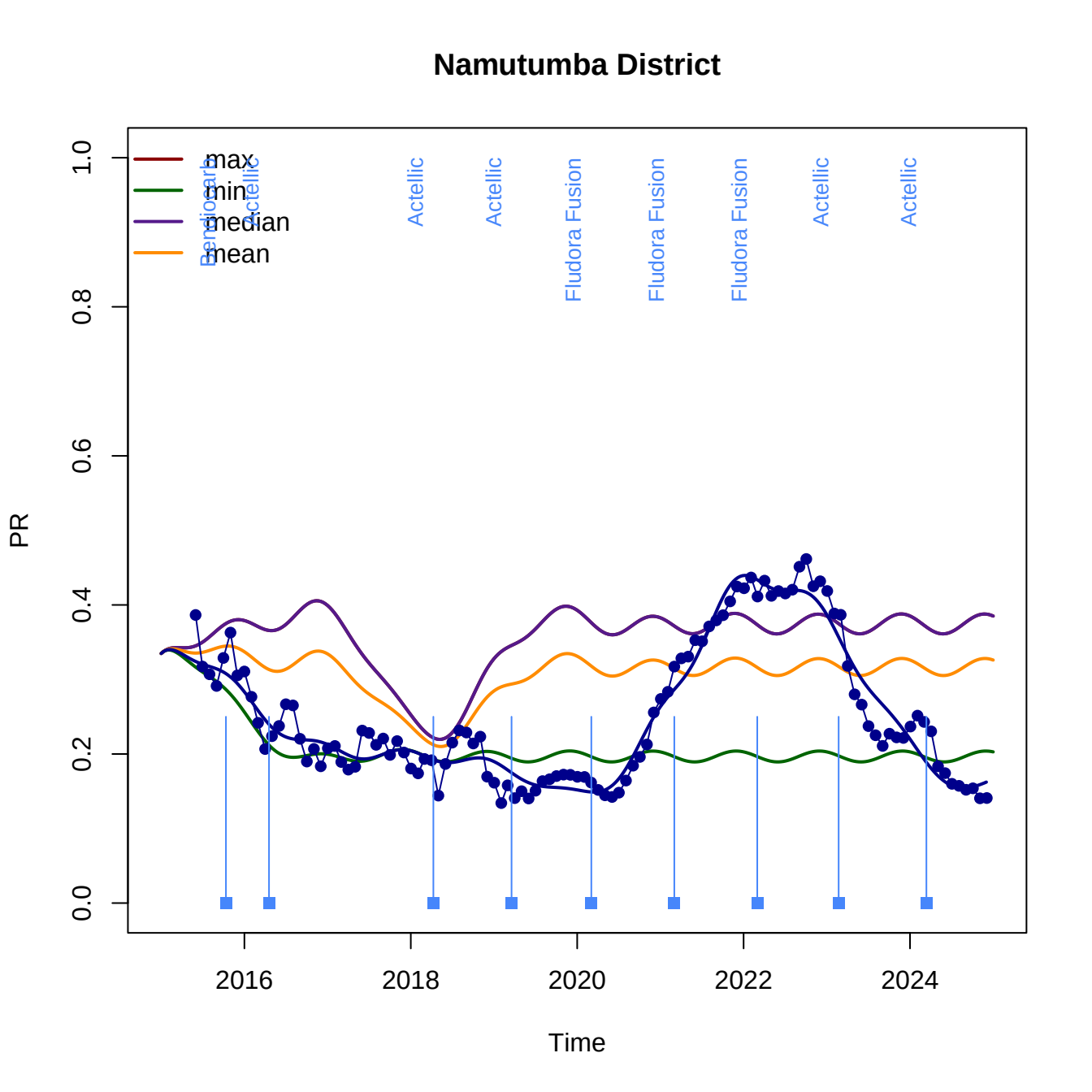
Namutumba District
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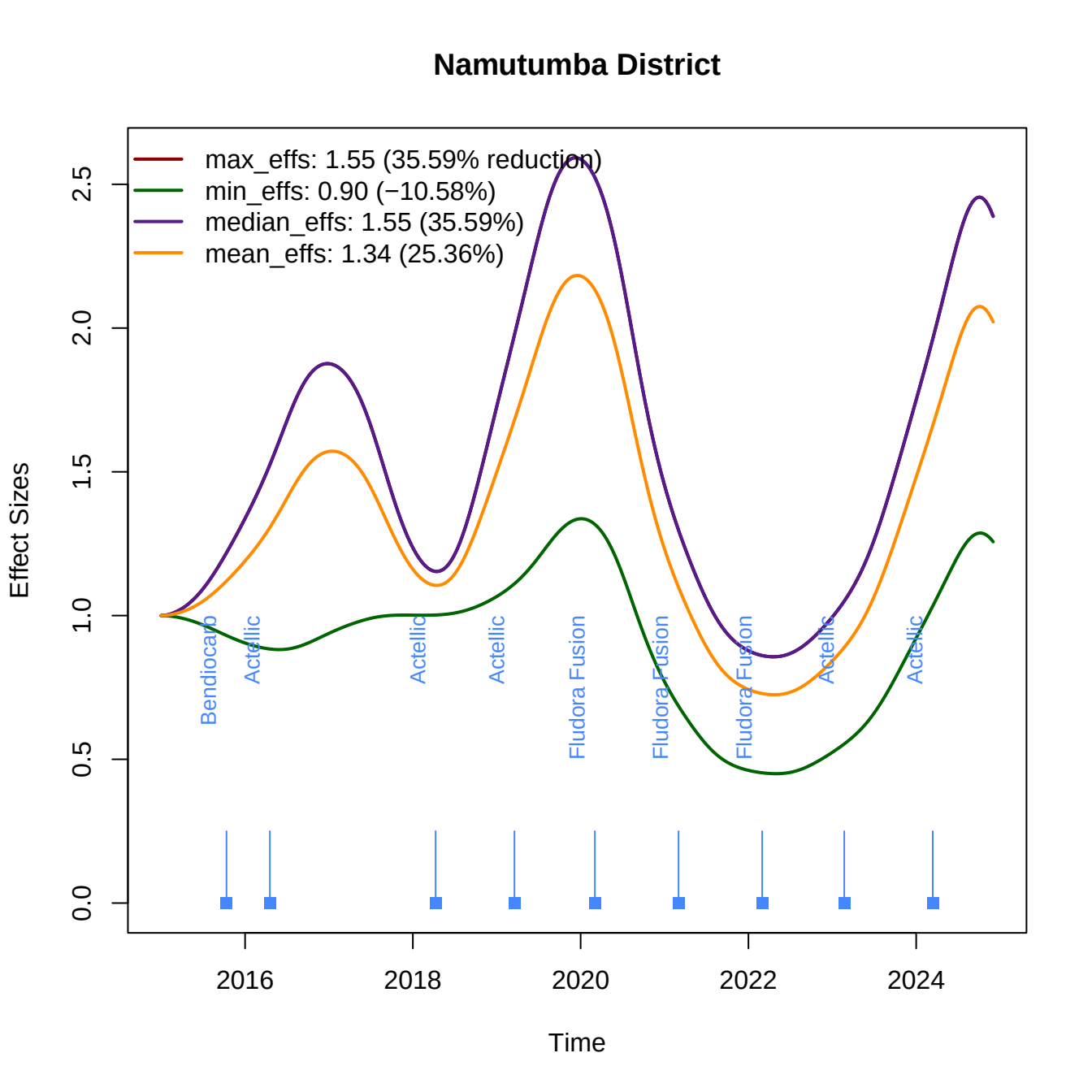
Namutumba District
max_effs: 1.55 (35.59% reduction)
min_effs: 0.90 (−10.58%)
median_effs: 1.55 (35.59%)
mean_effs: 1.34 (25.36%)
Effect Sizes
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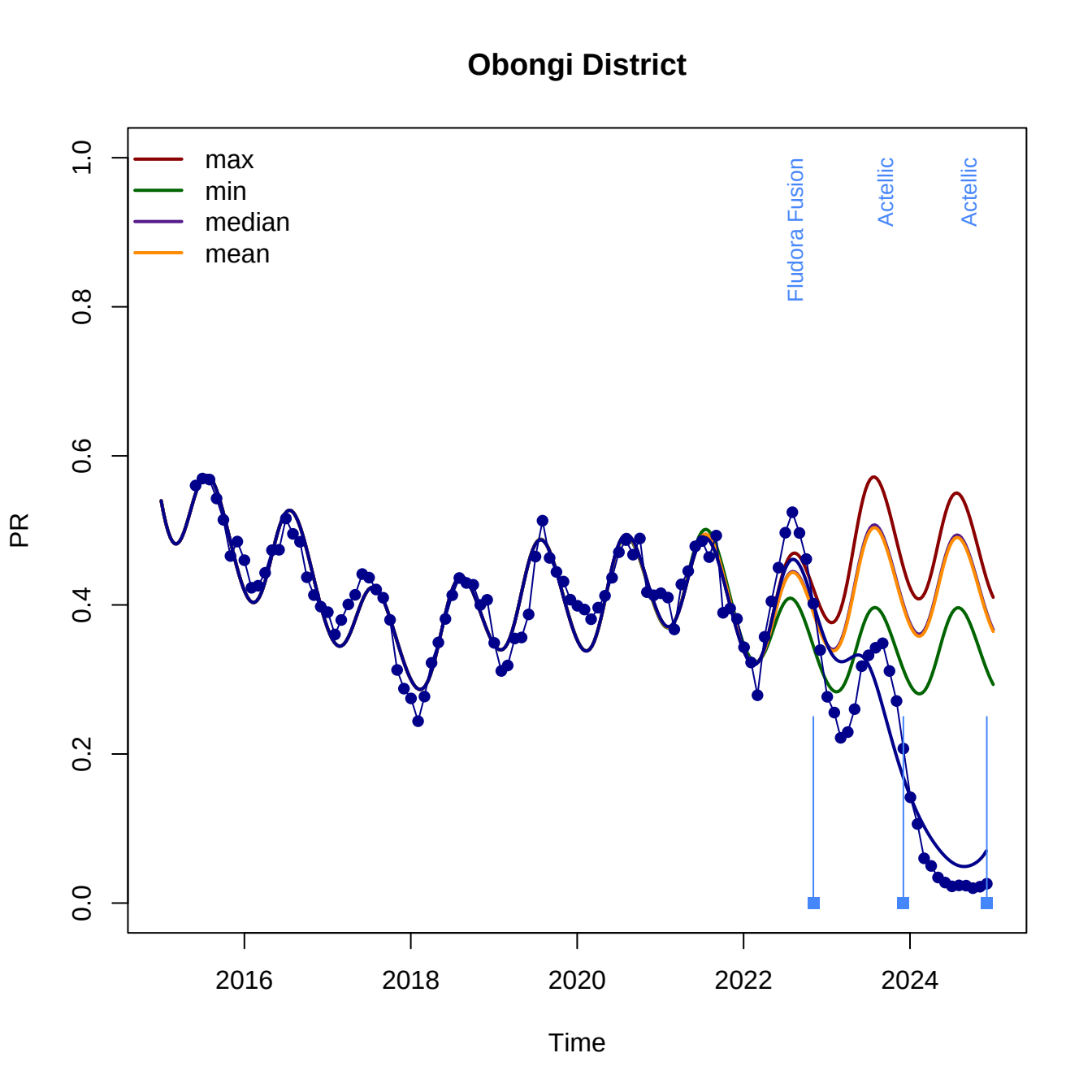
Obongi District
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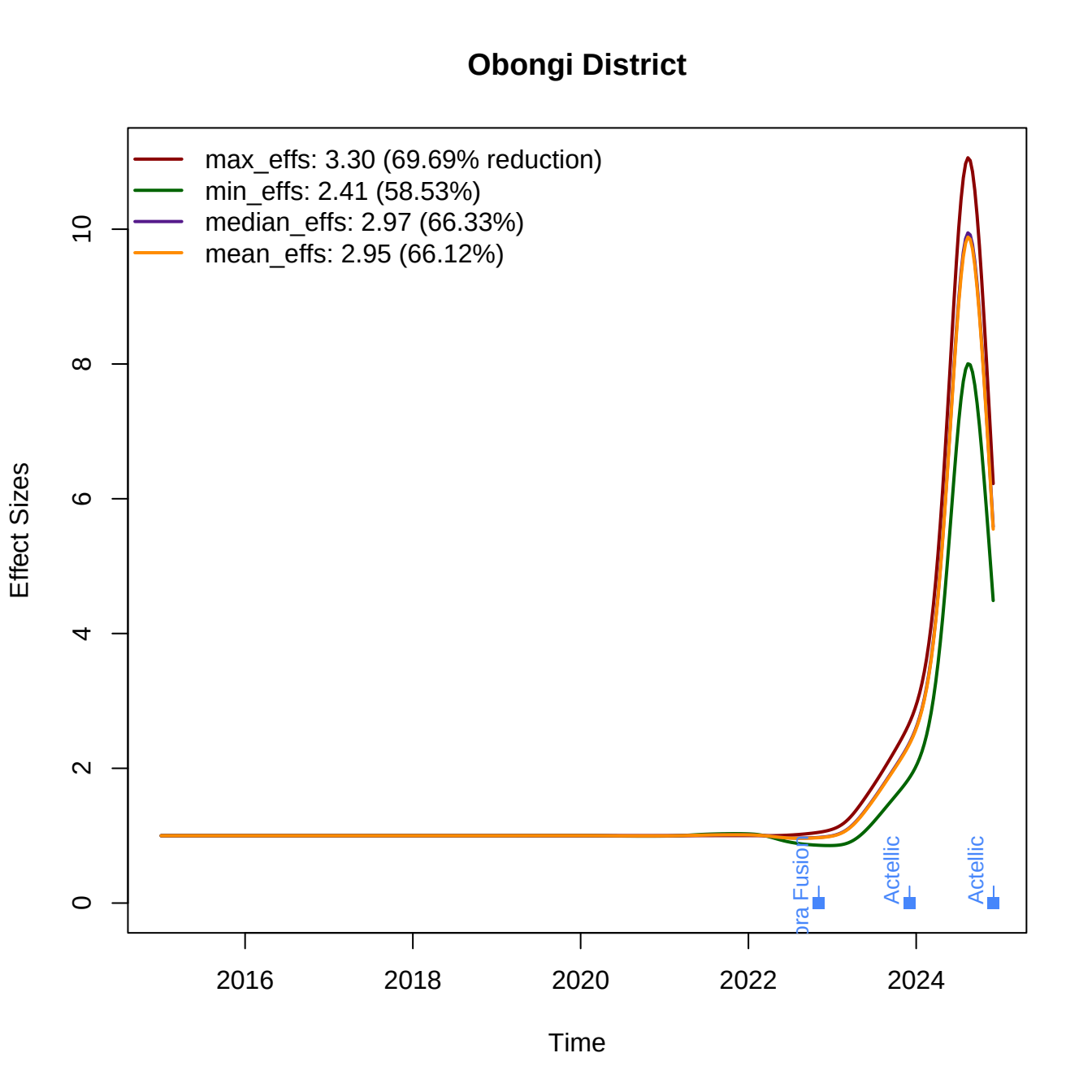
Obongi District
max_effs: 3.30 (69.69% reduction)
min_effs: 2.41 (58.53%)
median_effs: 2.97 (66.33%)
mean_effs: 2.95 (66.12%)
Effect Sizes
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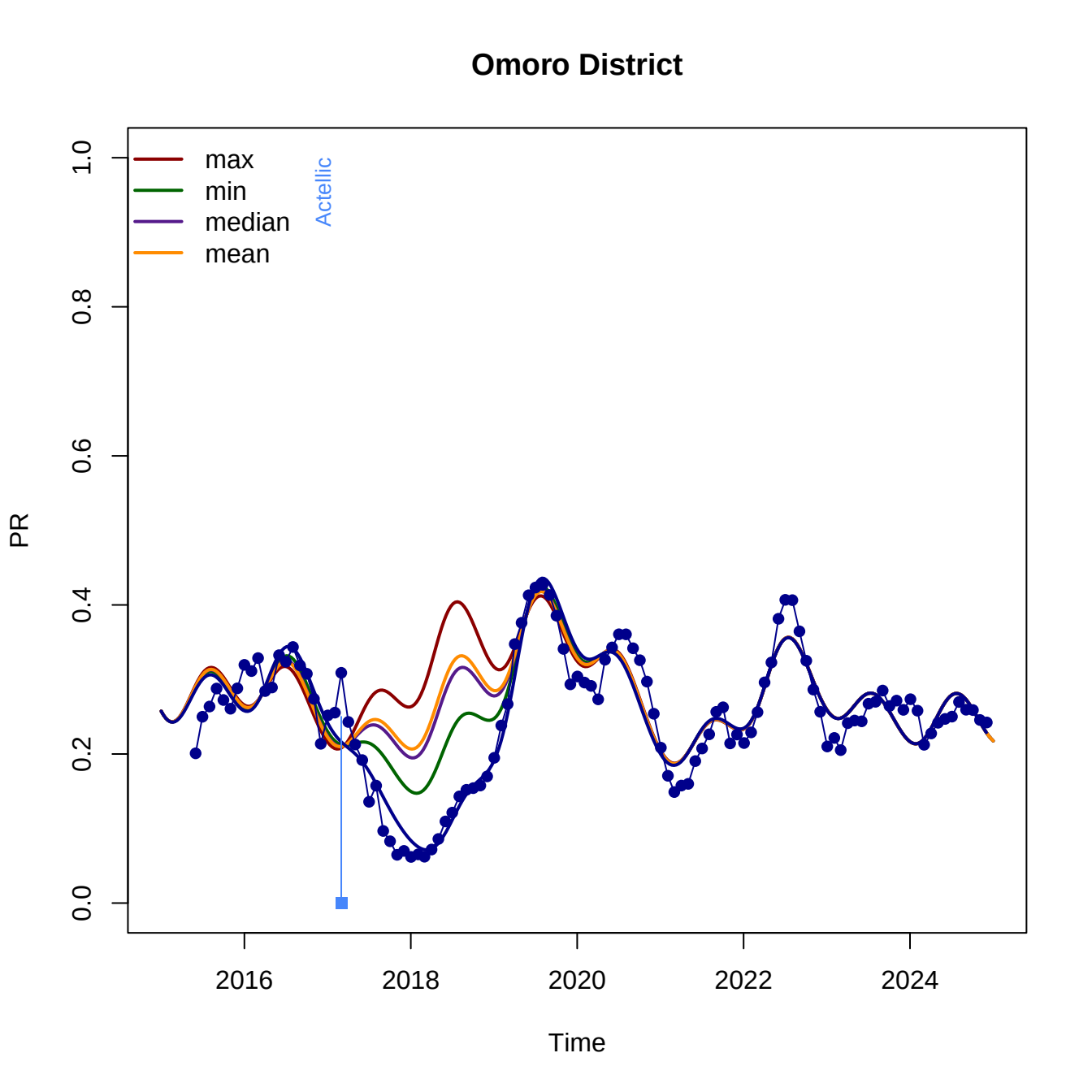
Omoro District
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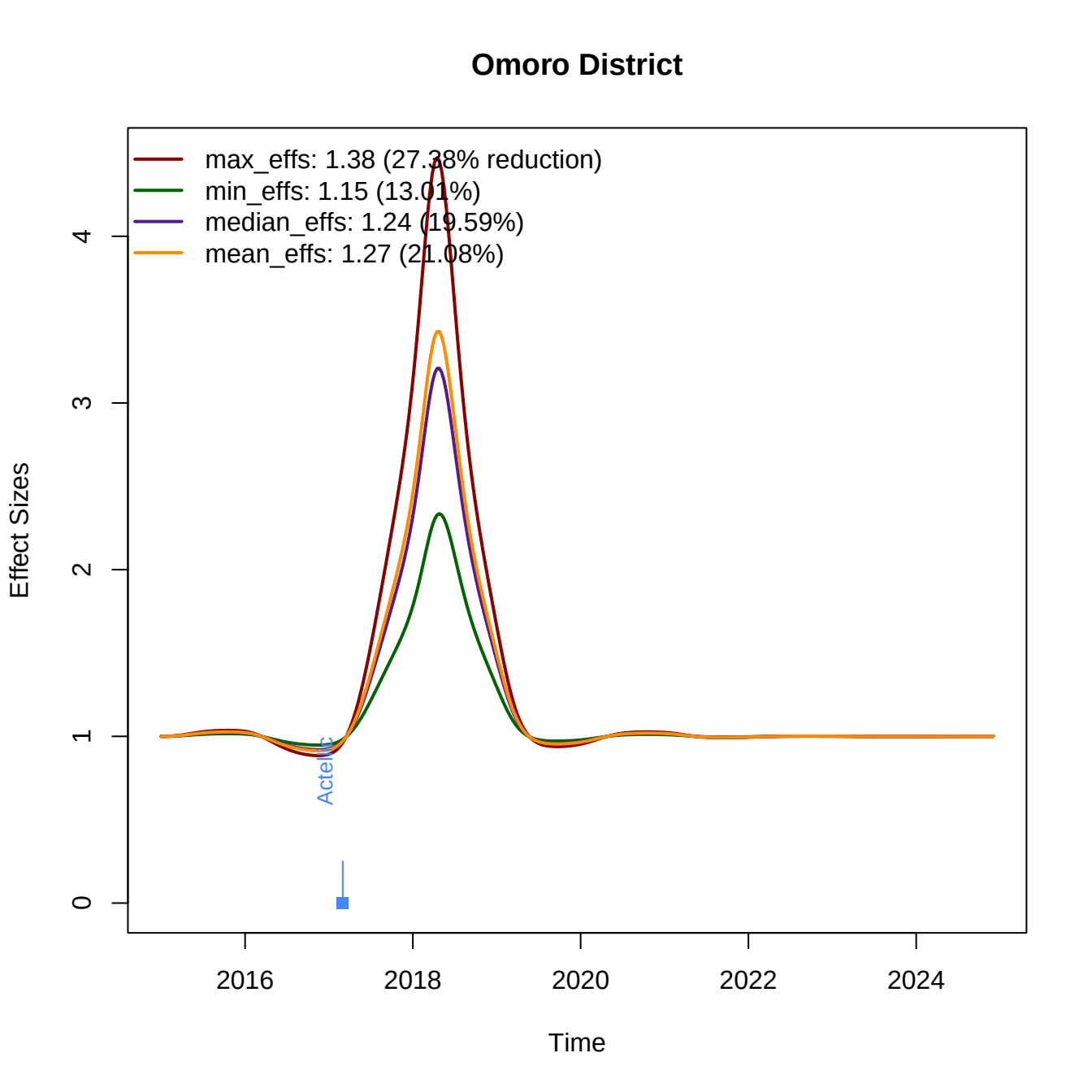
Omoro District
max_effs: 1.38 (27.38% reduction)
min_effs: 1.15 (13.01%)
median_effs: 1.24 (19.59%)
mean_effs: 1.27 (21.08%)
Effect Sizes
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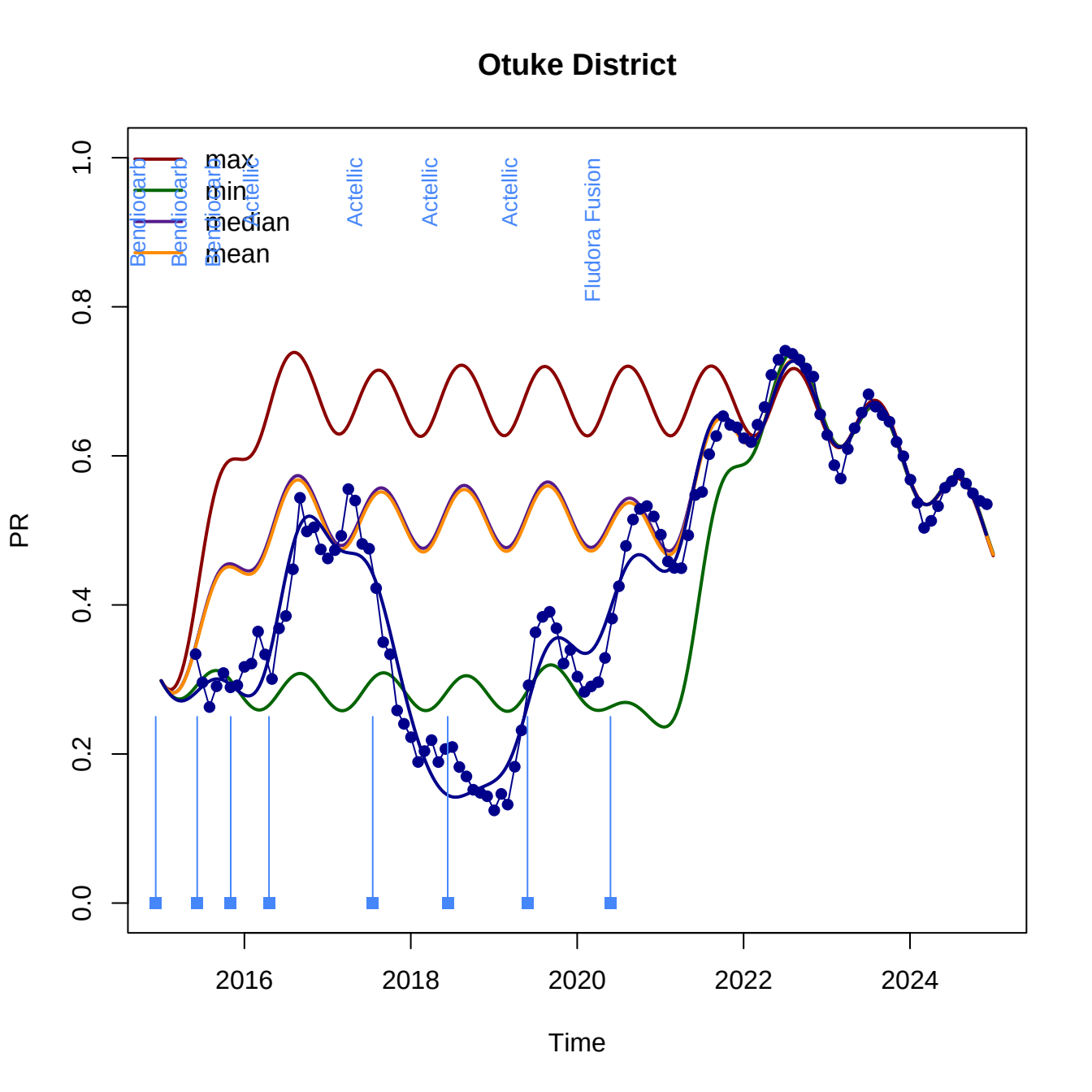
Time


Otuke District
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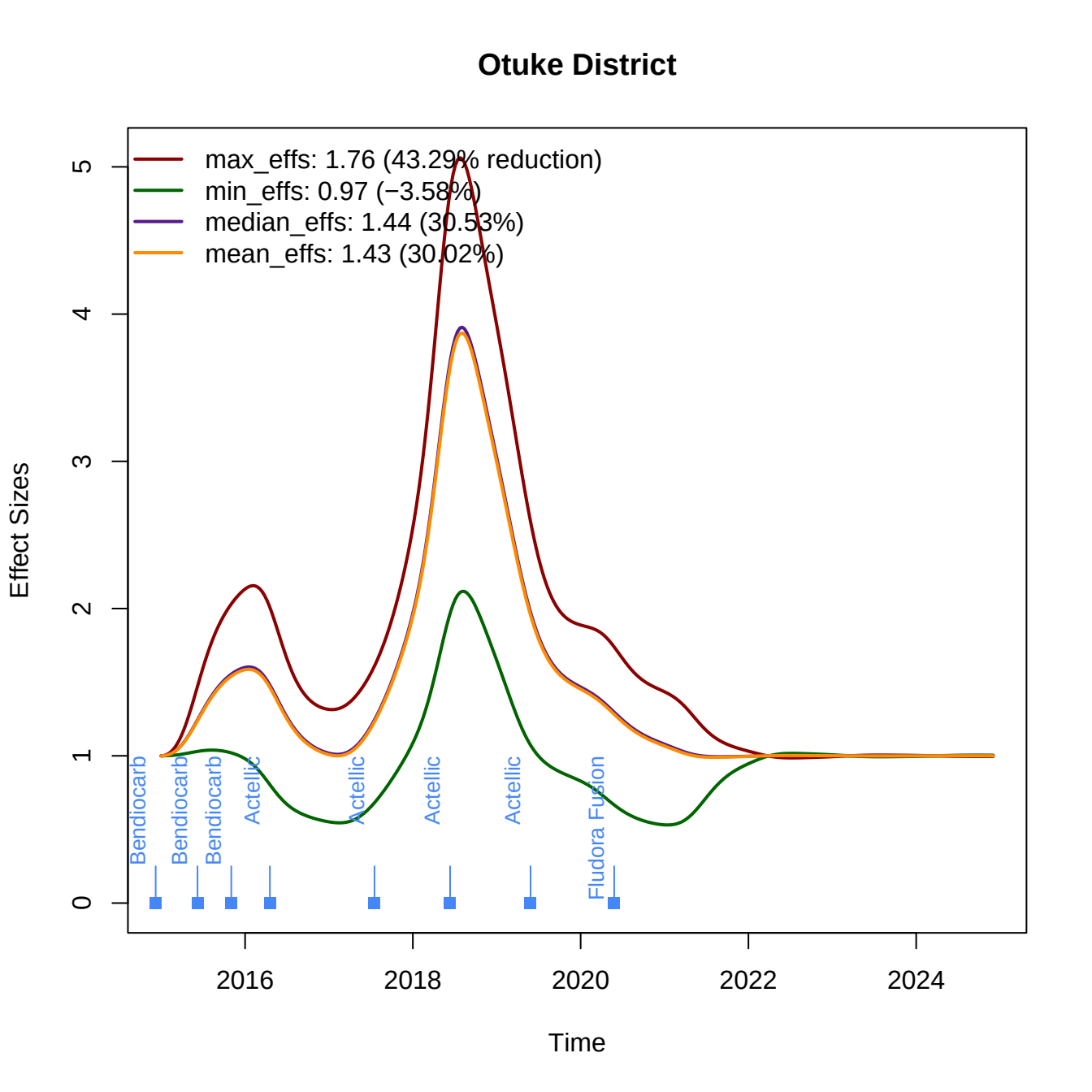
Otuke District
max_effs: 1.76 (43.29% reduction)
min_effs: 0.97 (−3.58%)
median_effs: 1.44 (30.53%)
mean_effs: 1.43 (30.02%)
Effect Sizes
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Fludora Fusion
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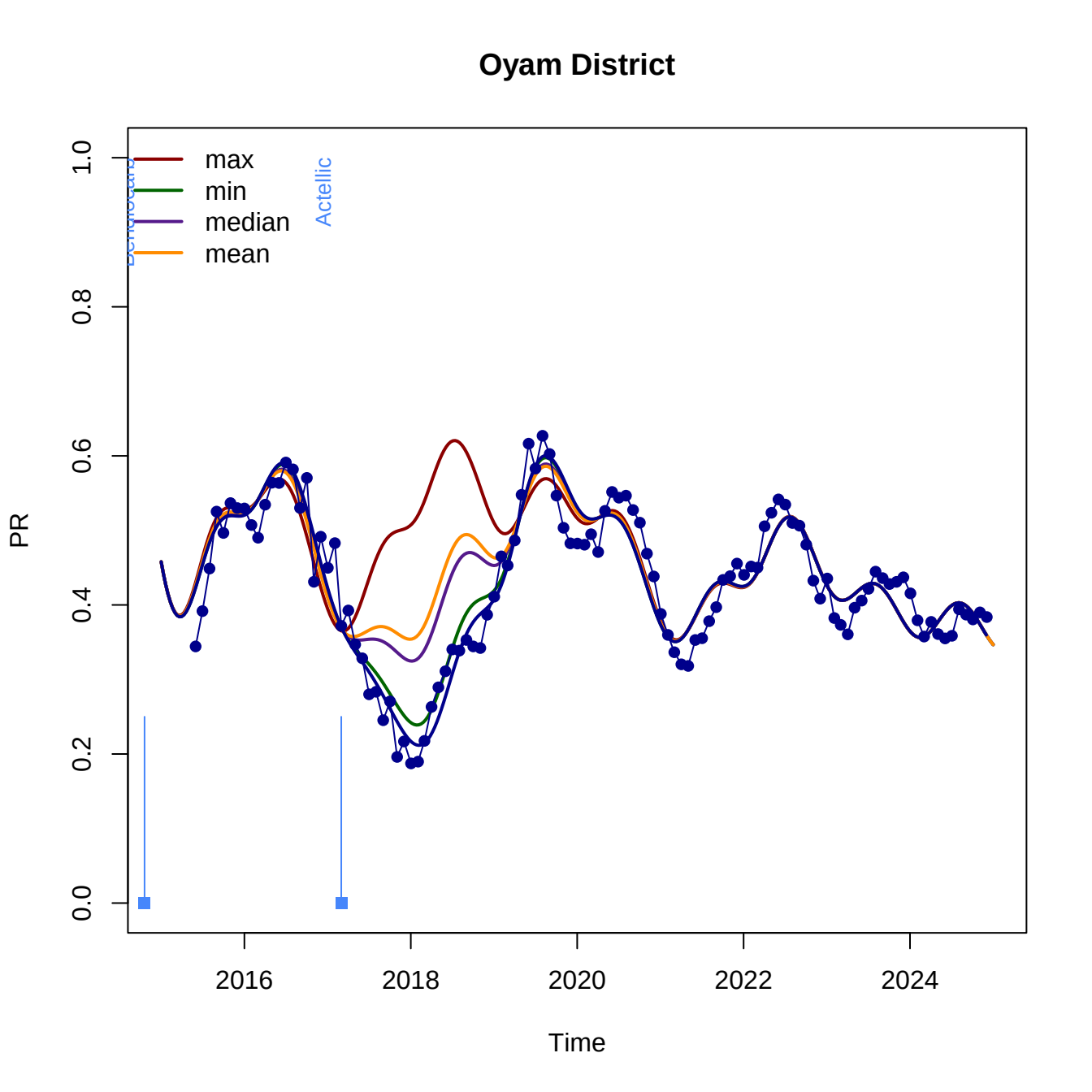
Oyam District
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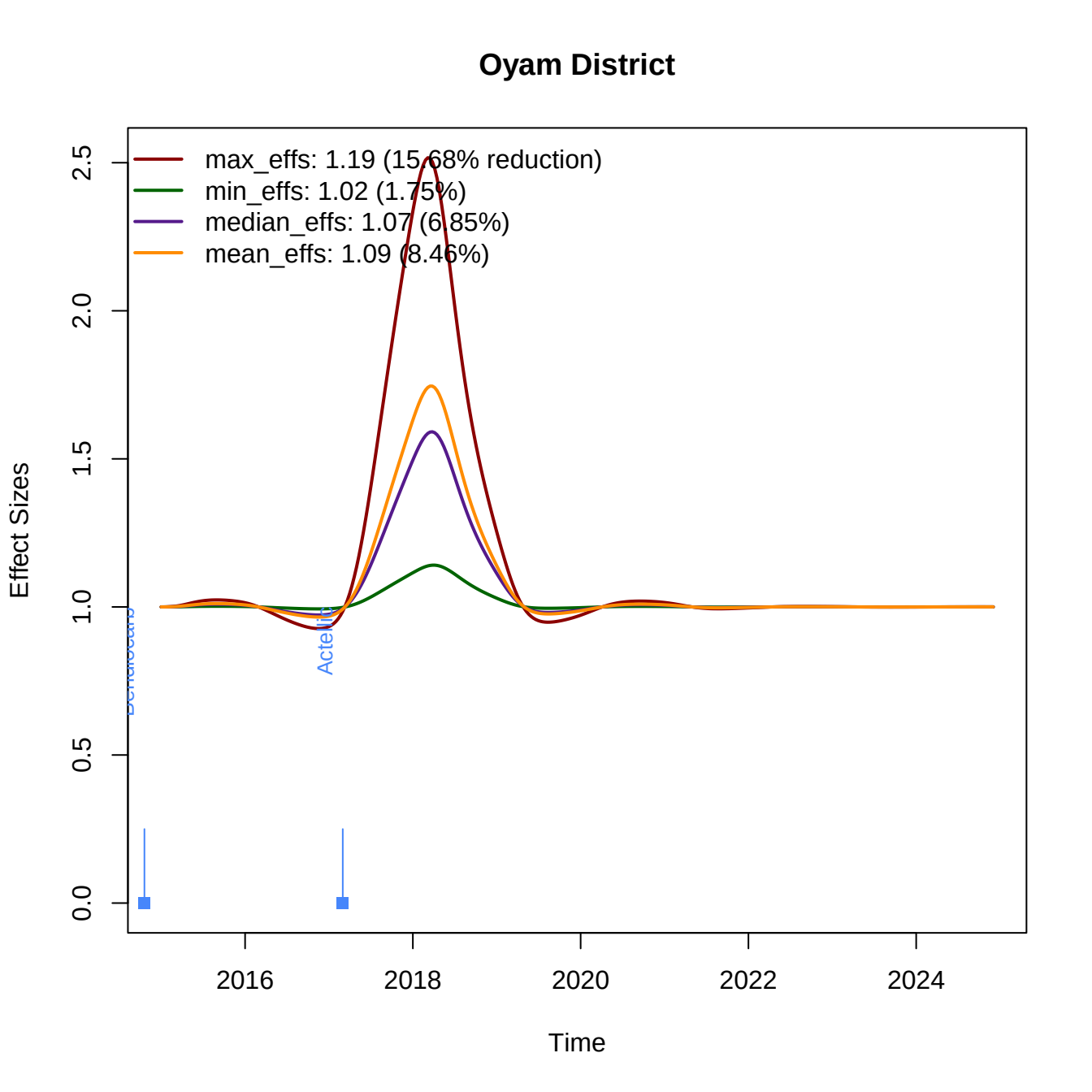
Oyam District
max_effs: 1.19 (15.68% reduction)
min_effs: 1.02 (1.75%)
median_effs: 1.07 (6.85%)
mean_effs: 1.09 (8.46%)
Effect Sizes
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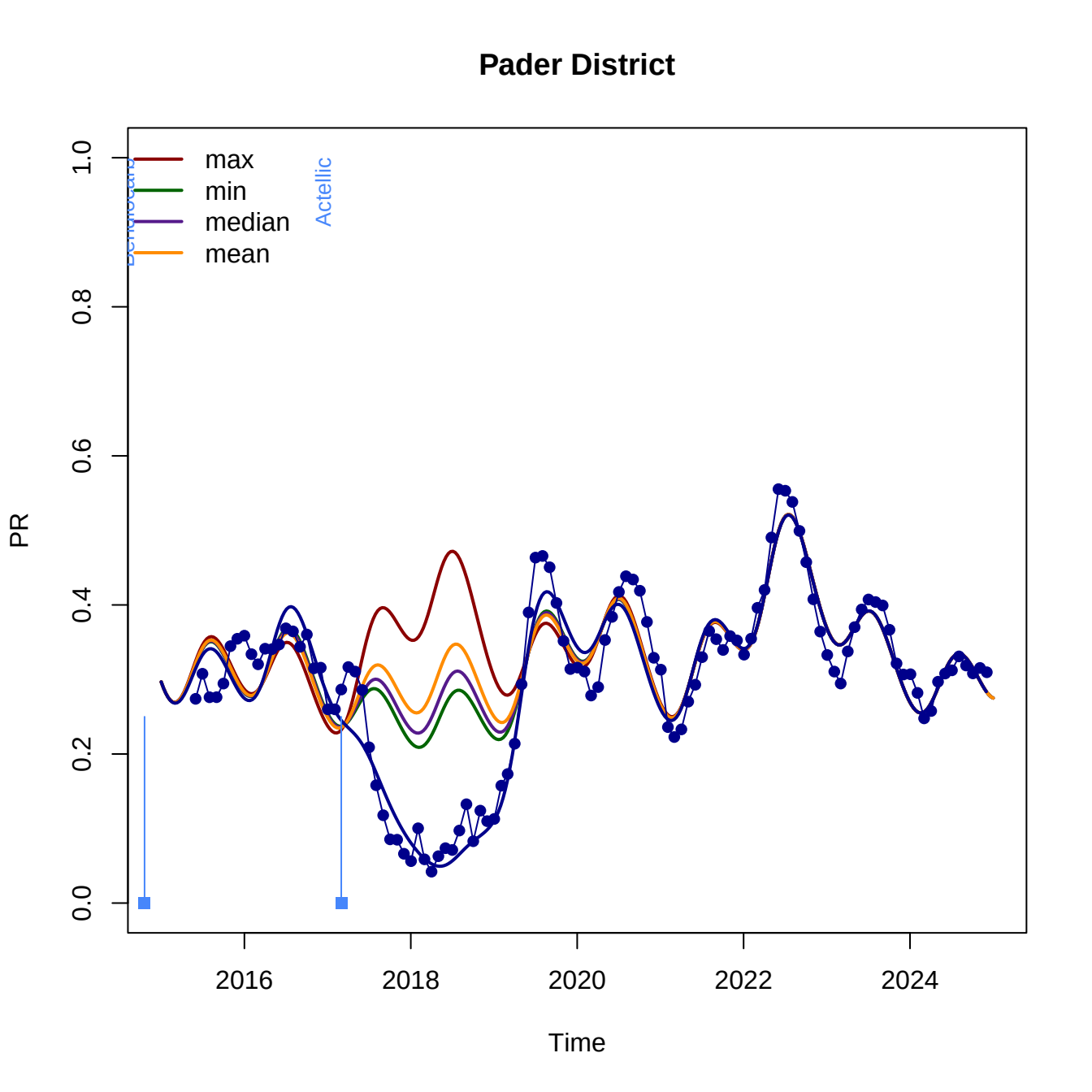
Pader District
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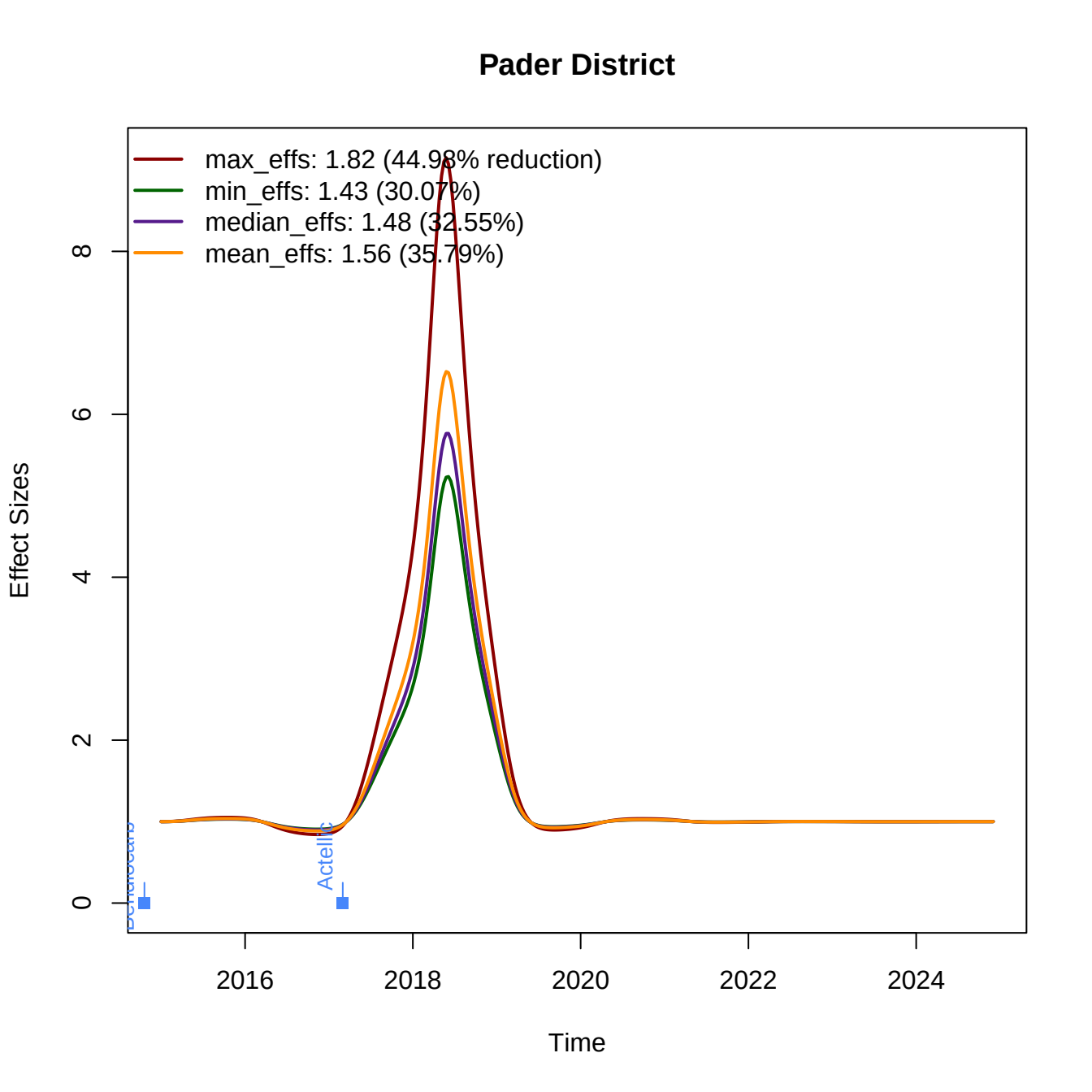
Time


Pader District
max_effs: 1.82 (44.98% reduction)
min_effs: 1.43 (30.07%)
median_effs: 1.48 (32.55%)
mean_effs: 1.56 (35.79%)
Effect Sizes
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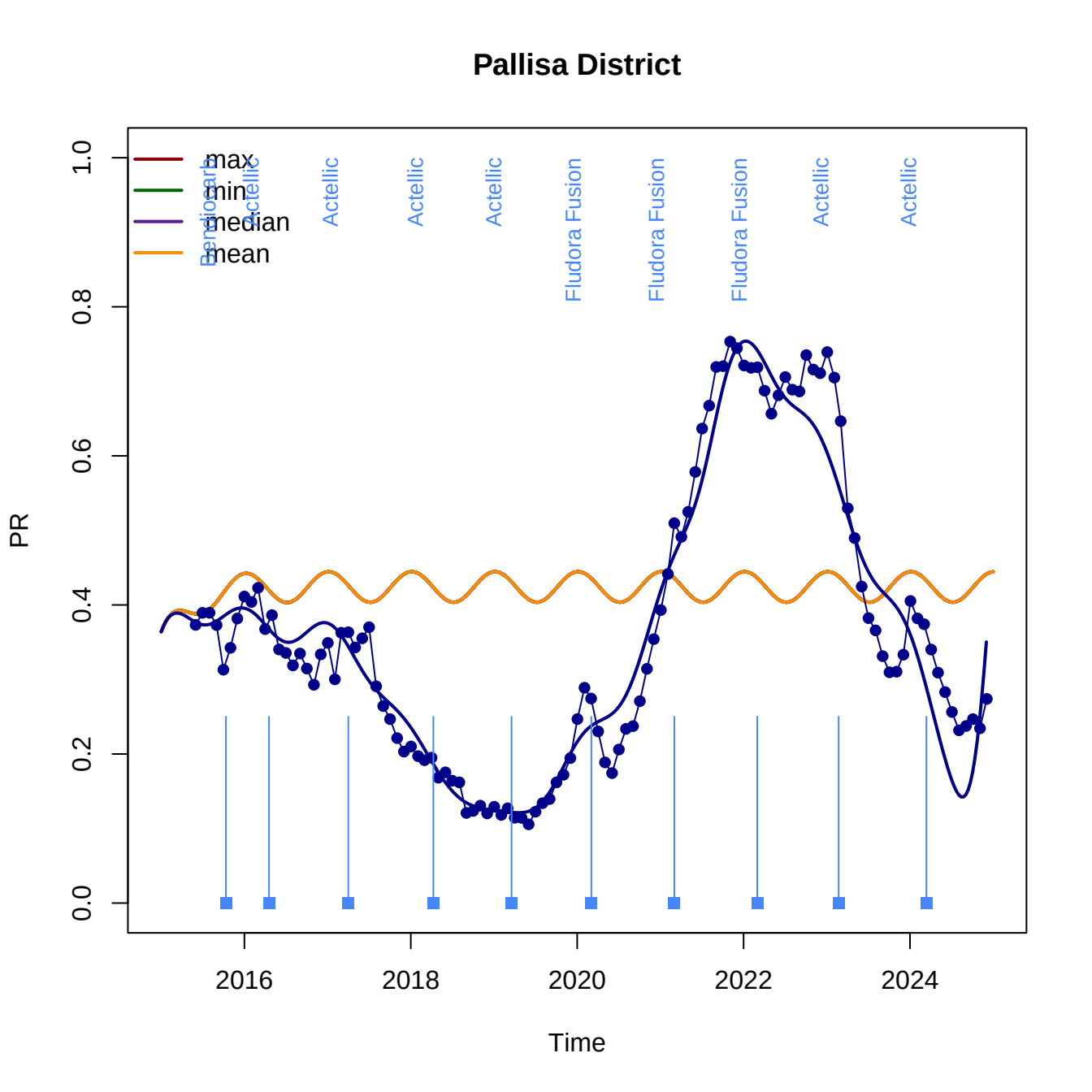
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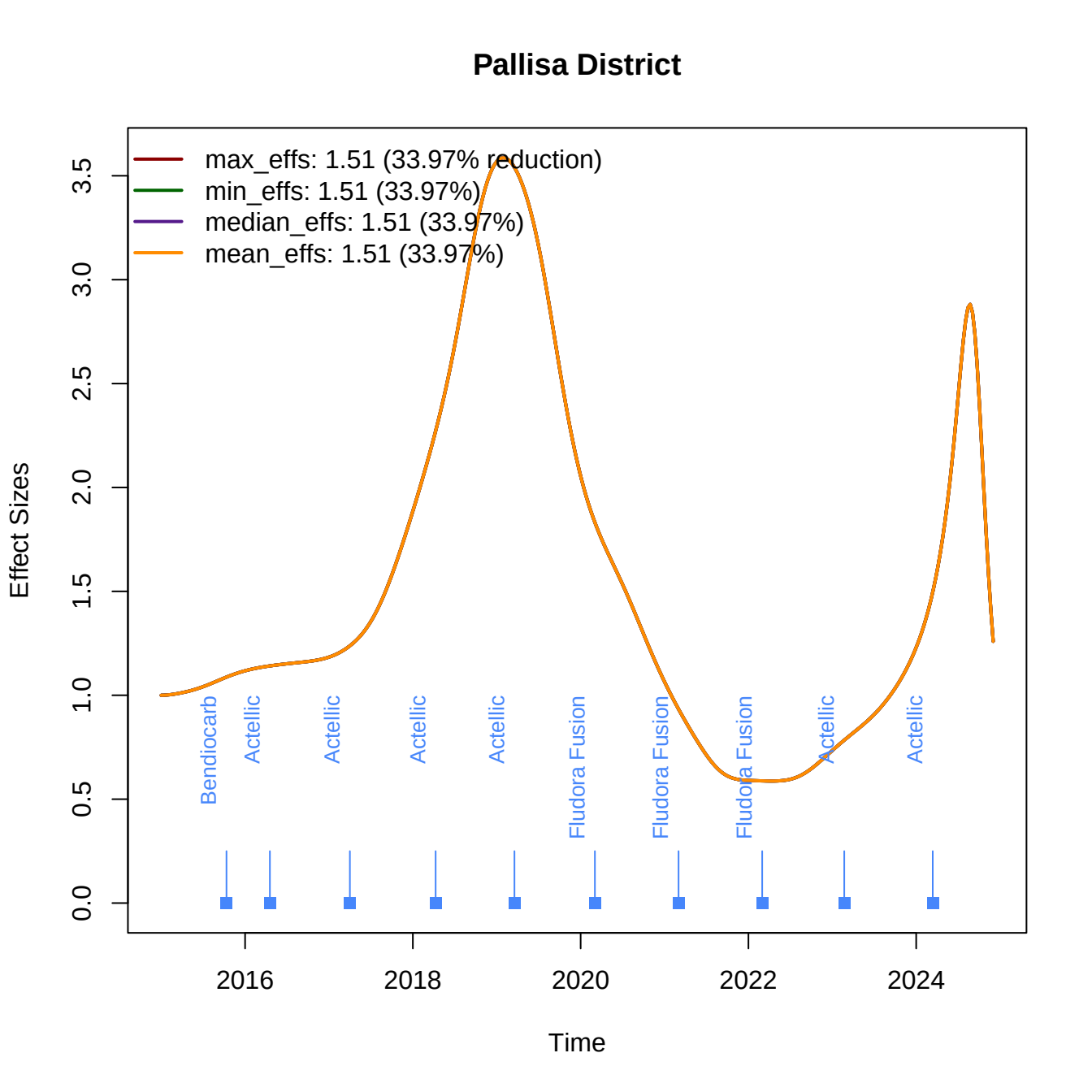
Pallisa District
max_effs: 1.51 (33.97% reduction)
min_effs: 1.51 (33.97%)
median_effs: 1.51 (33.97%)
mean_effs: 1.51 (33.97%)
Effect Sizes
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Bendiocarb
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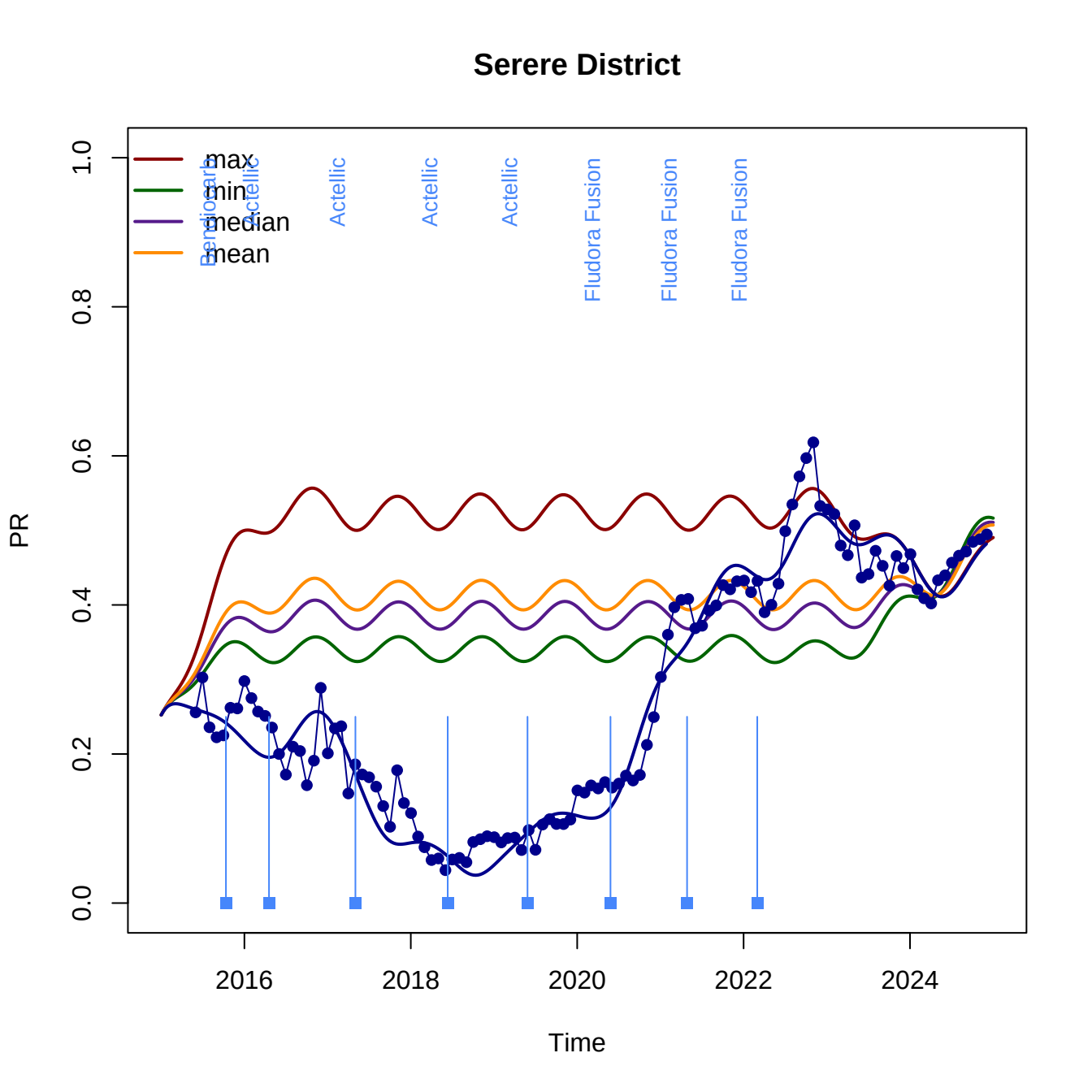
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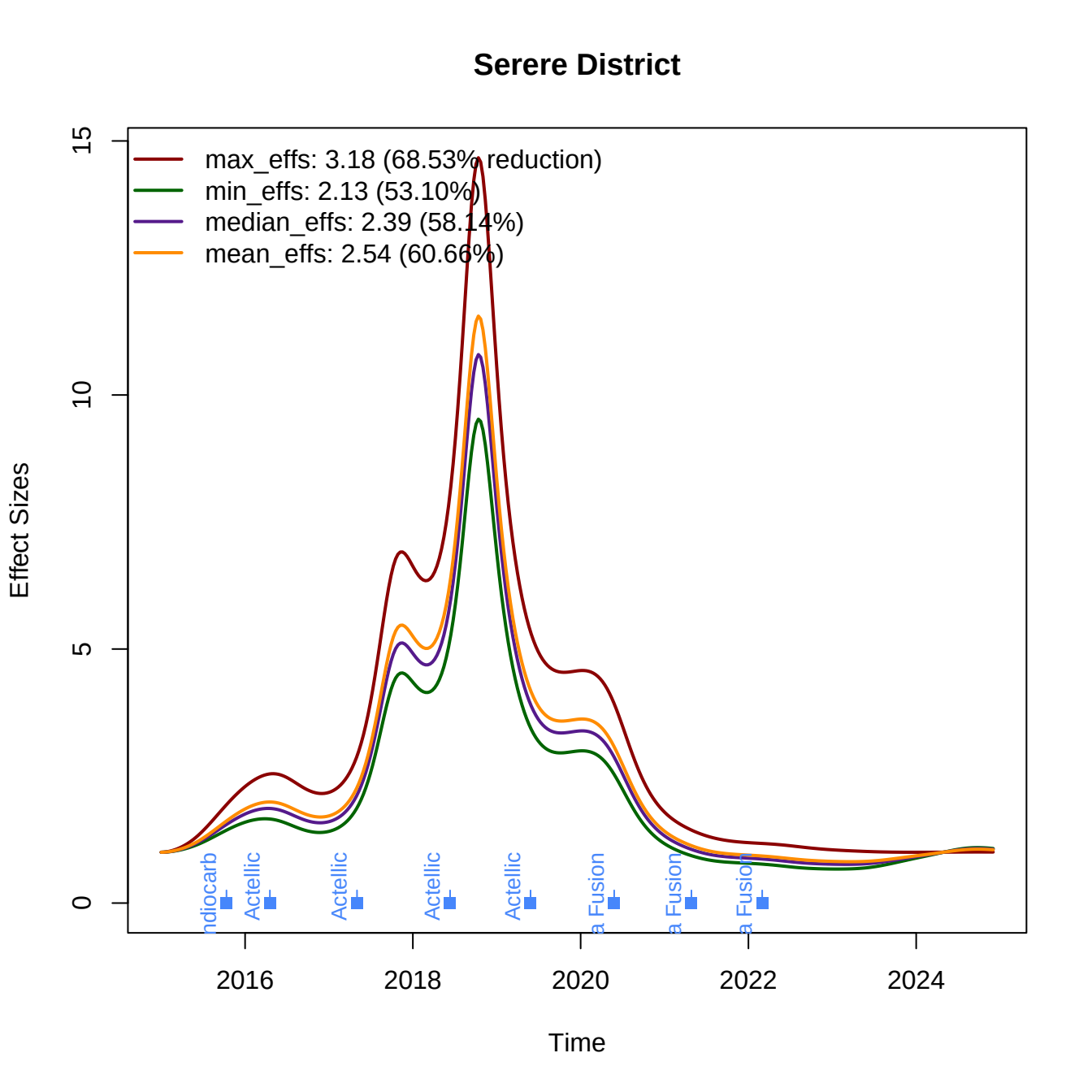
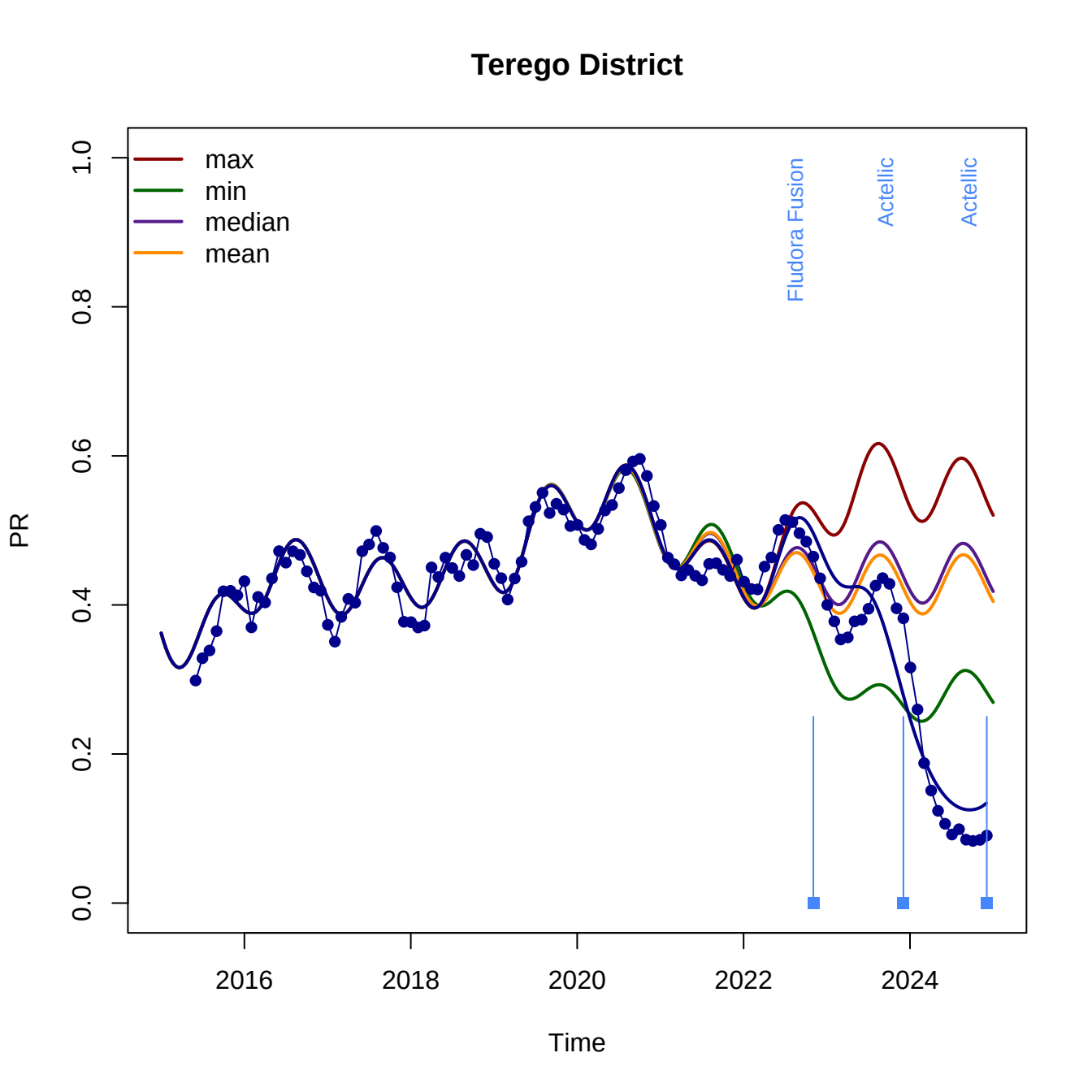
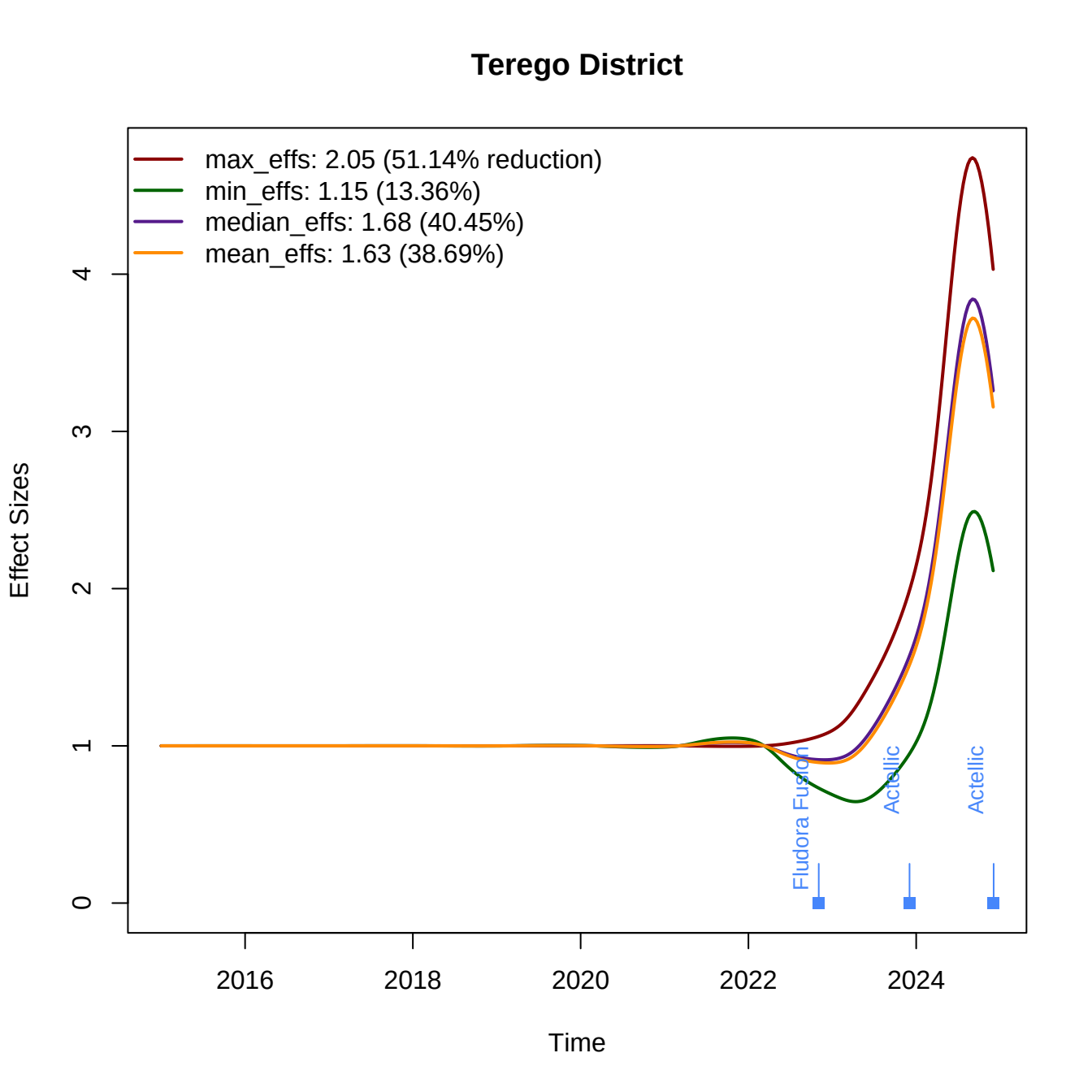
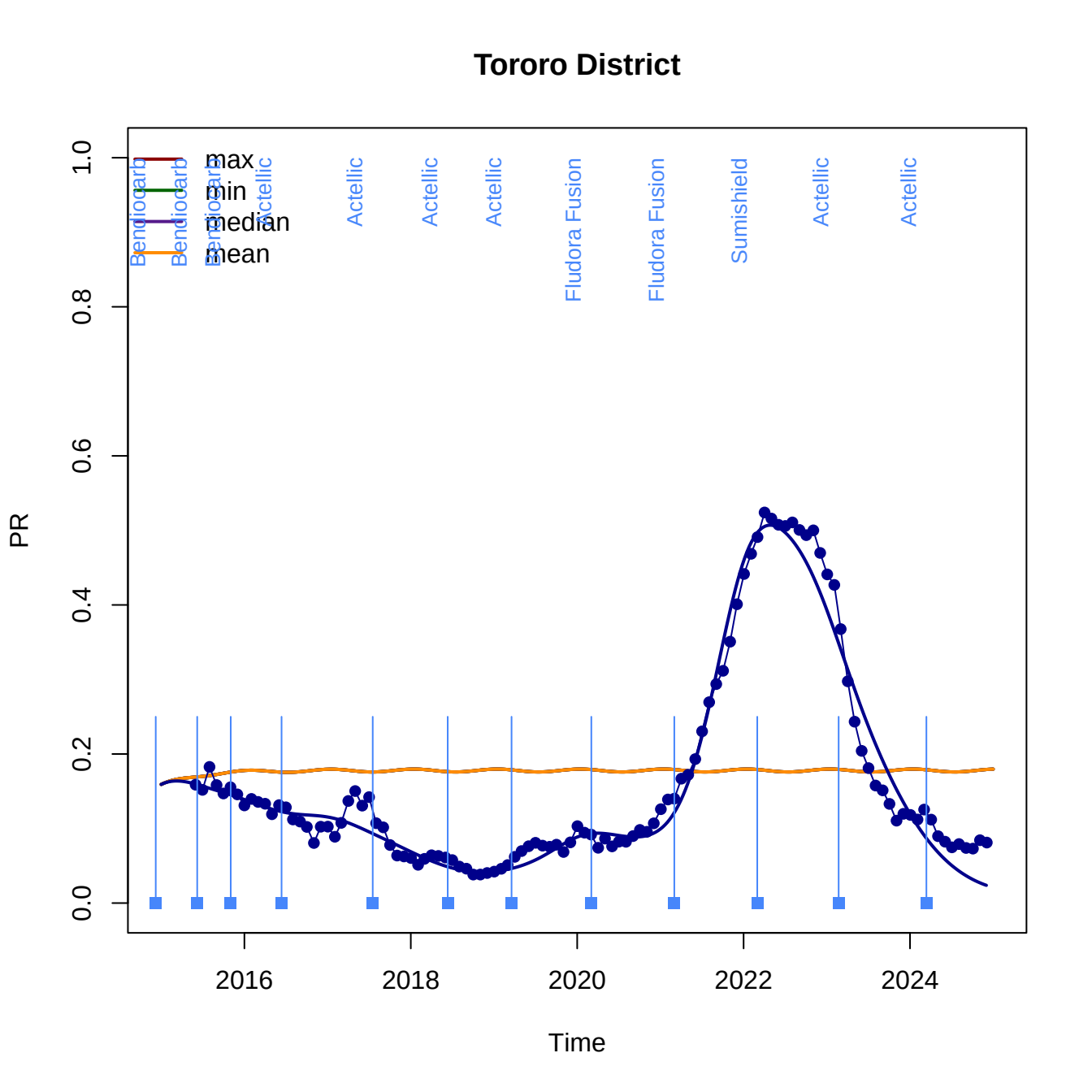
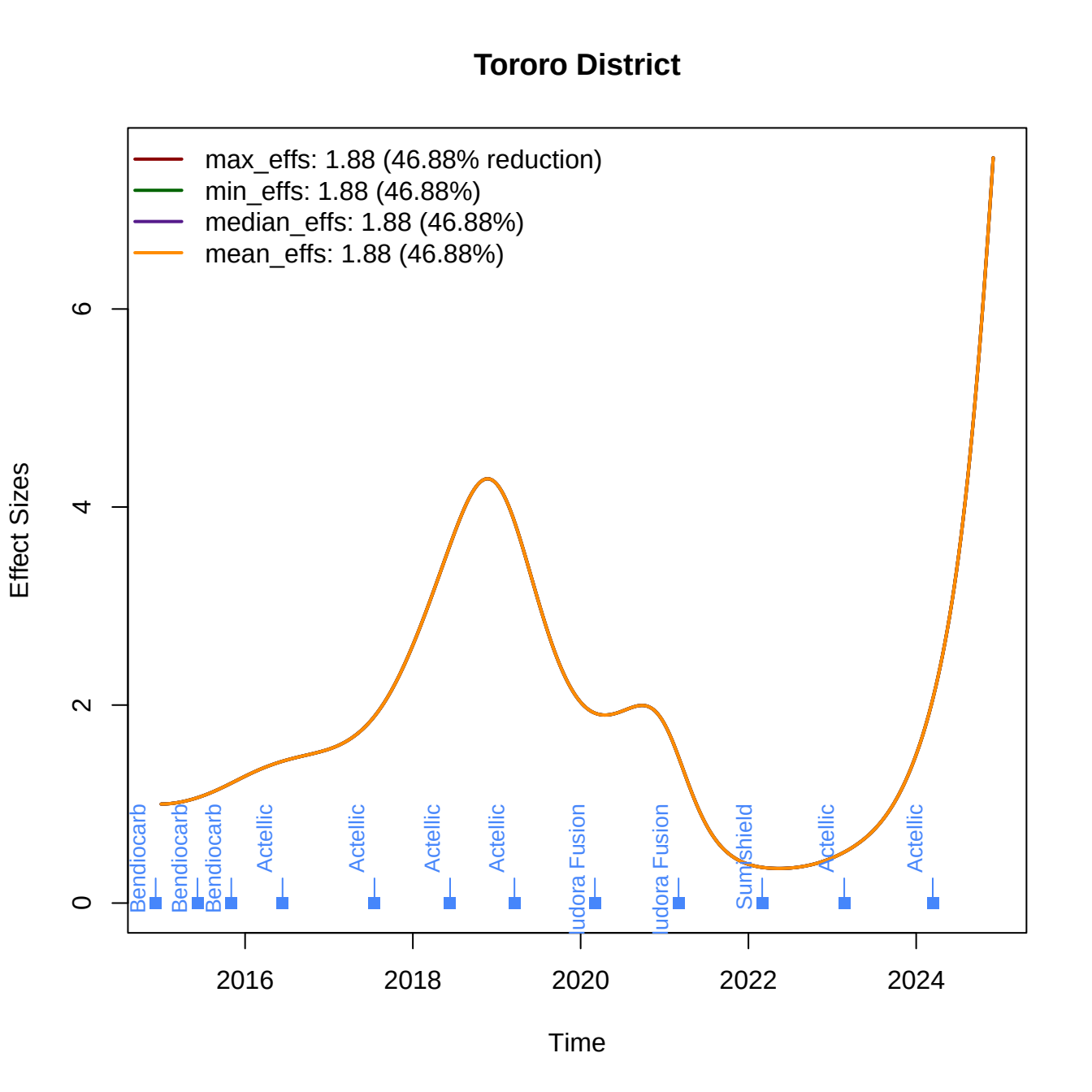
2024
Time

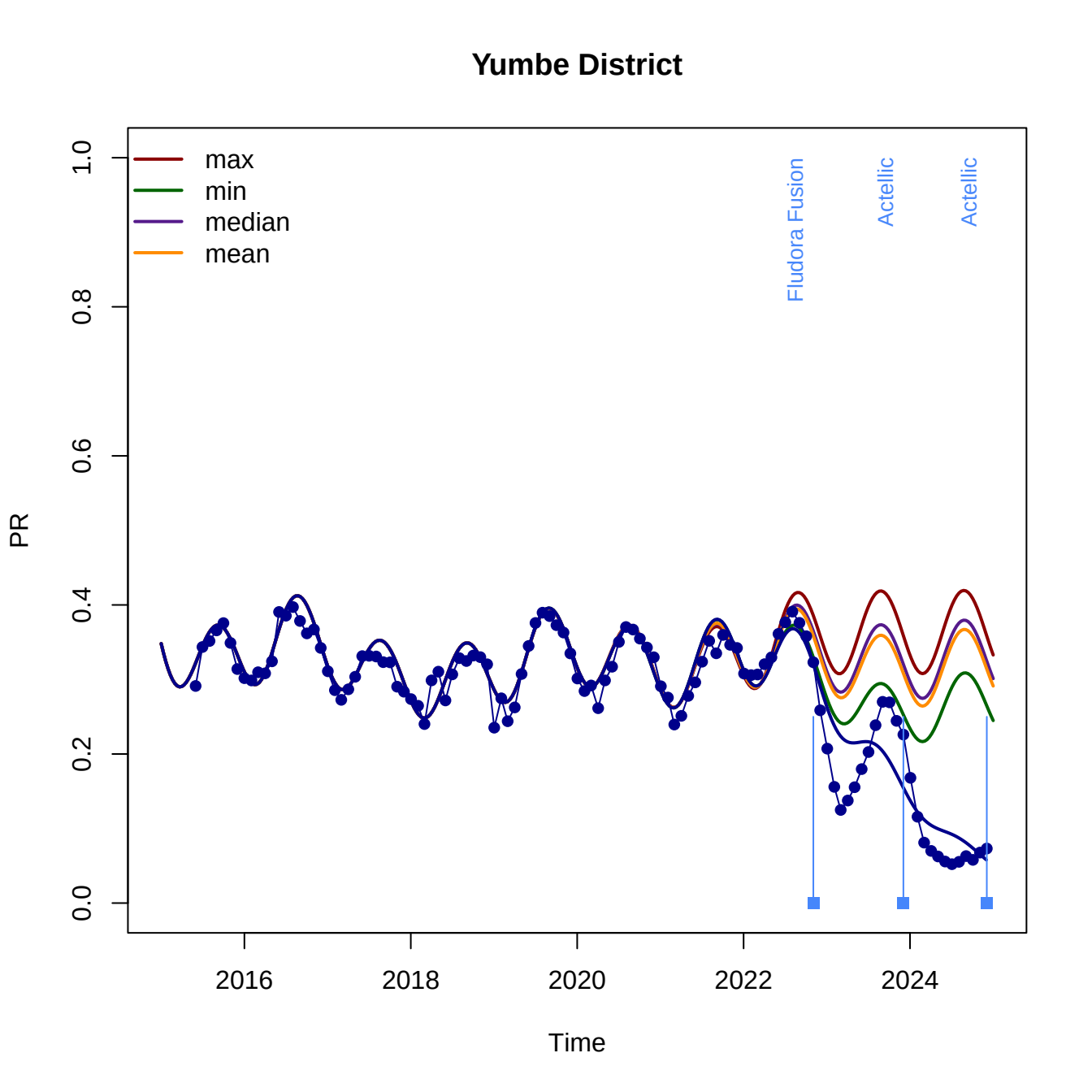

Serere District
max_effs: 3.18 (68.53% reduction)
min_effs: 2.13 (53.10%)
median_effs: 2.39 (58.14%)
mean_effs: 2.54 (60.66%)
Effect Sizes
0
5
10
15
ndiocarb
Actellic
Actellic
Actellic
Actellic
a Fusion
a Fusion
a Fusion
2016
2018
2020
2022
2024
Time

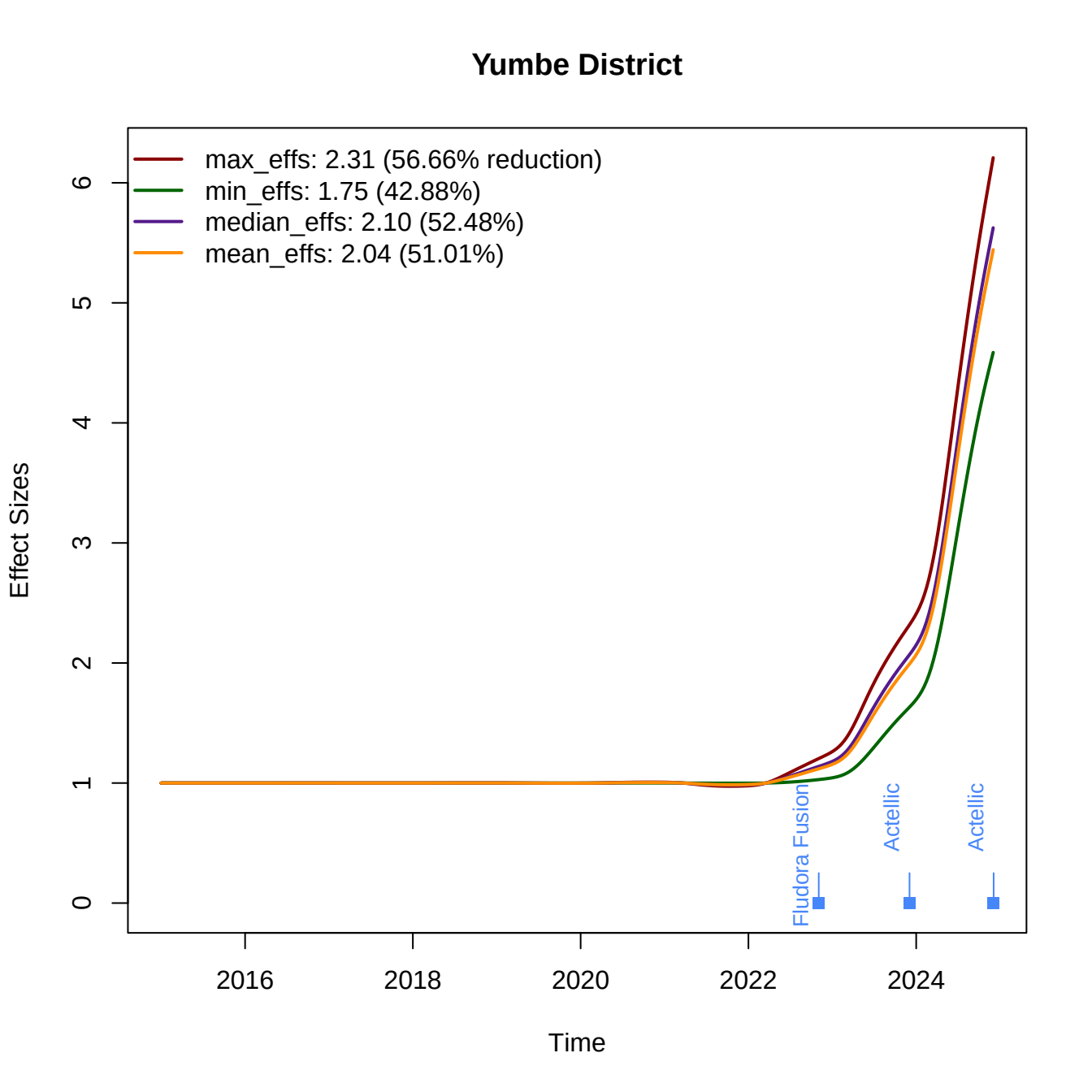

Terego District
max
min
median
mean
Fludora Fusion
Actellic
Actellic
PR
0.0
0.2
0.4
0.6
0.8
1.0
2016
2018
2020
2022
2024
Time


Terego District
max_effs: 2.05 (51.14% reduction)
min_effs: 1.15 (13.36%)
median_effs: 1.68 (40.45%)
mean_effs: 1.63 (38.69%)
Effect Sizes
0
1
2
3
4
2016
2018
2020
2022
2024
Time
Fludora Fusion
Actellic
Actellic


Tororo District
max
min
median
mean
Bendiocarb
Bendiocarb
Bendiocarb
Actellic
Actellic
Actellic
Actellic
Fludora Fusion
Fludora Fusion
Sumishield
Actellic
Actellic
PR
0.0
0.2
0.4
0.6
0.8
1.0
2016
2018
2020
2022
2024
Time


Tororo District
max_effs: 1.88 (46.88% reduction)
min_effs: 1.88 (46.88%)
median_effs: 1.88 (46.88%)
mean_effs: 1.88 (46.88%)
Effect Sizes
0
2
4
6
Bendiocarb
Bendiocarb
Bendiocarb
Actellic
Actellic
Actellic
Actellic
udora Fusion
udora Fusion
Sumishield
Actellic
Actellic
2016
2018
2020
2022
2024
Time


Yumbe District
max
min
median
mean
Fludora Fusion
Actellic
Actellic
PR
0.0
0.2
0.4
0.6
0.8
1.0
2016
2018
2020
2022
2024
Time


Yumbe District
max_effs: 2.31 (56.66% reduction)
min_effs: 1.75 (42.88%)
median_effs: 2.10 (52.48%)
mean_effs: 2.04 (51.01%)
Effect Sizes
0
1
2
3
4
5
6
2016
2018
2020
2022
2024
Time
Fludora Fusion
Actellic
Actellic