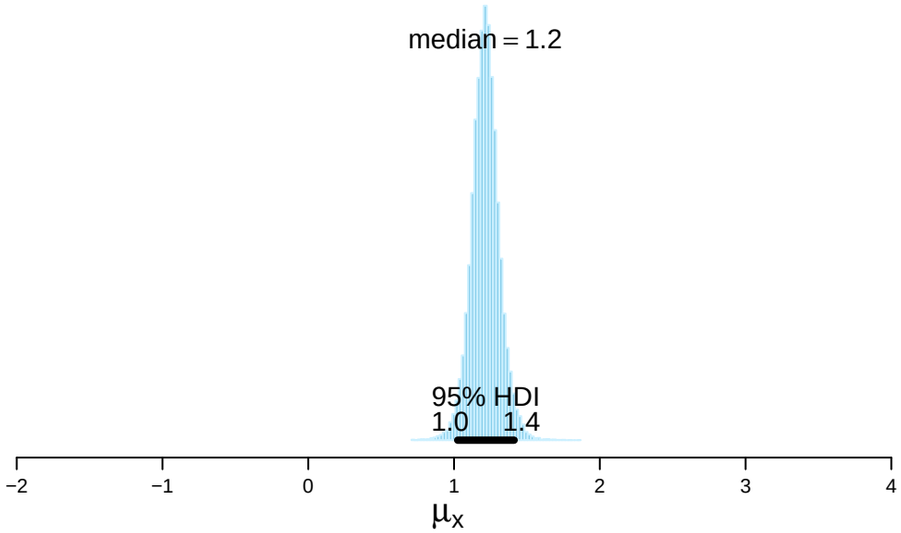
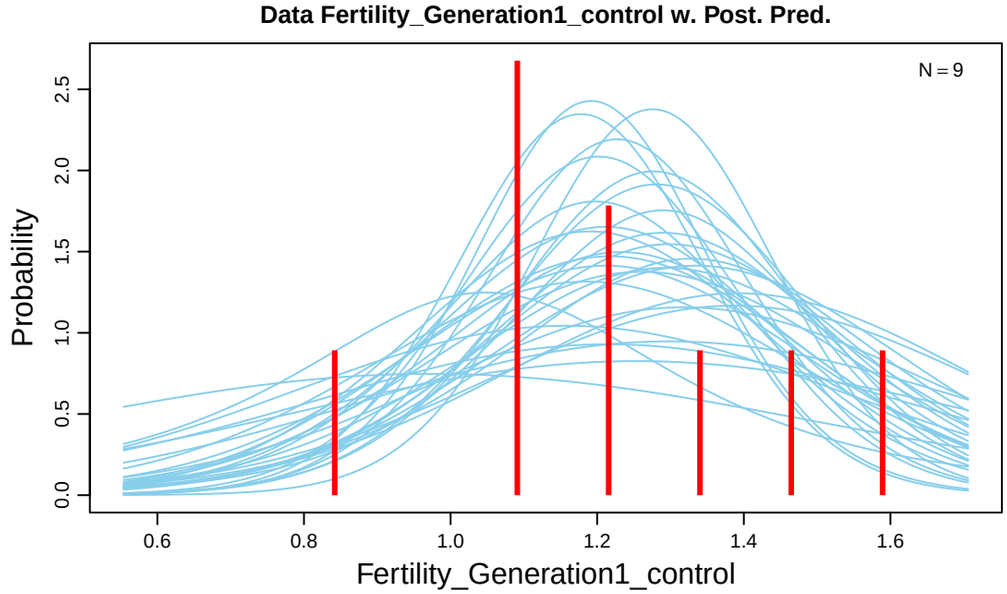
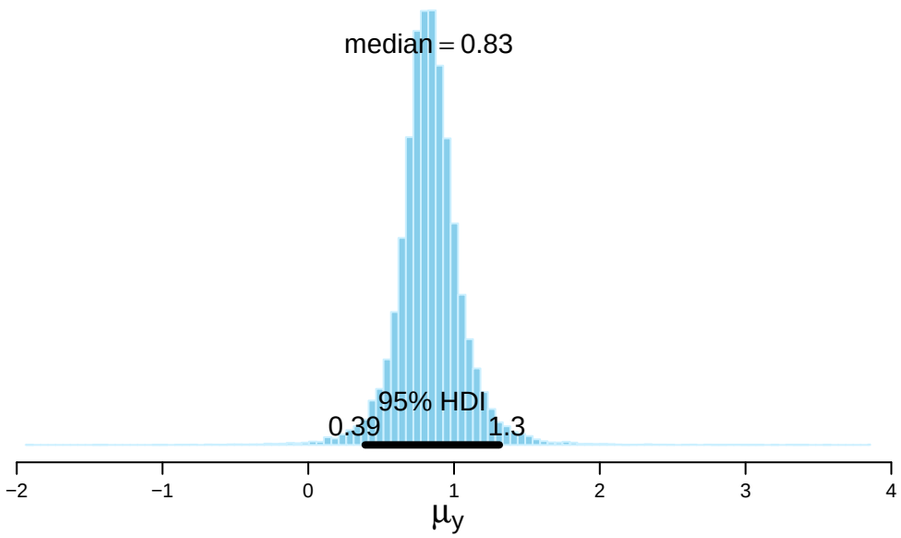
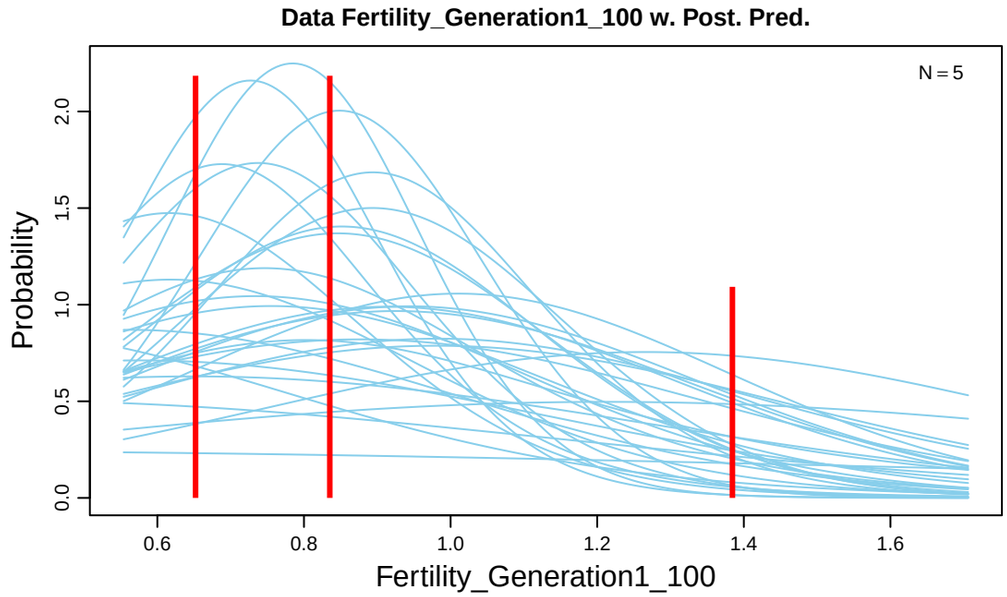
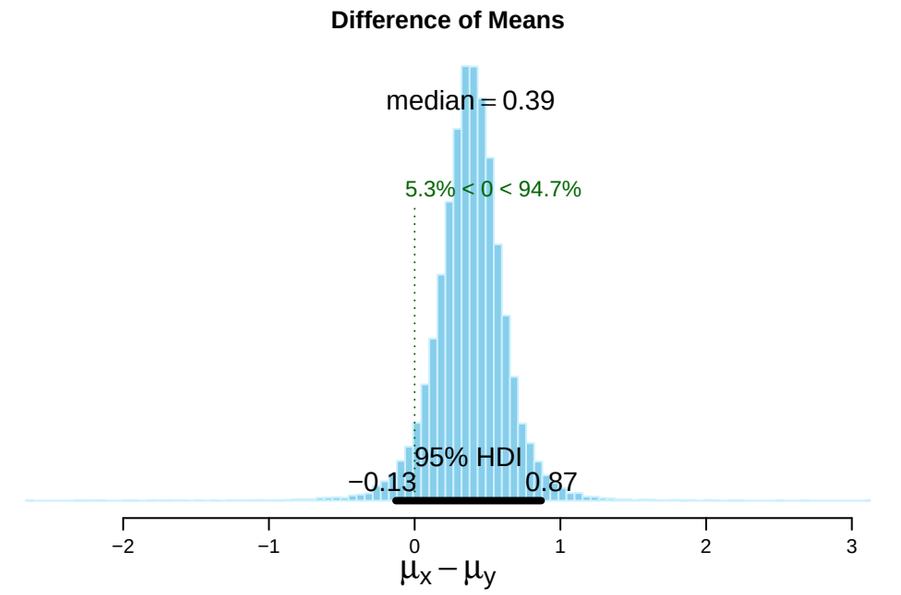
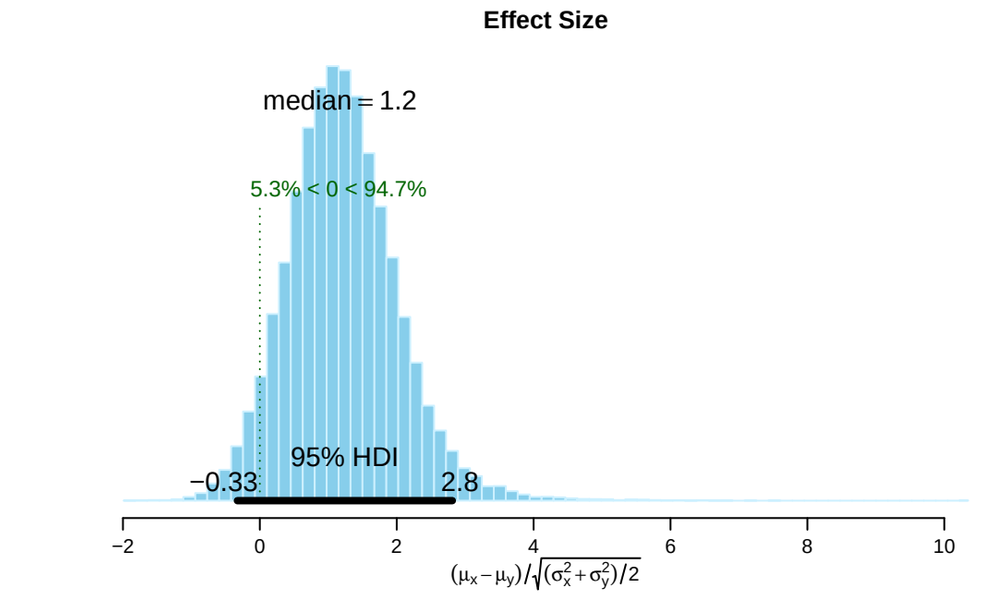

Fertility_Generation1_control Mean
median = 1.2
95% HDI
1.0
1.4
−2
−1
0
1
2
3
4
μx

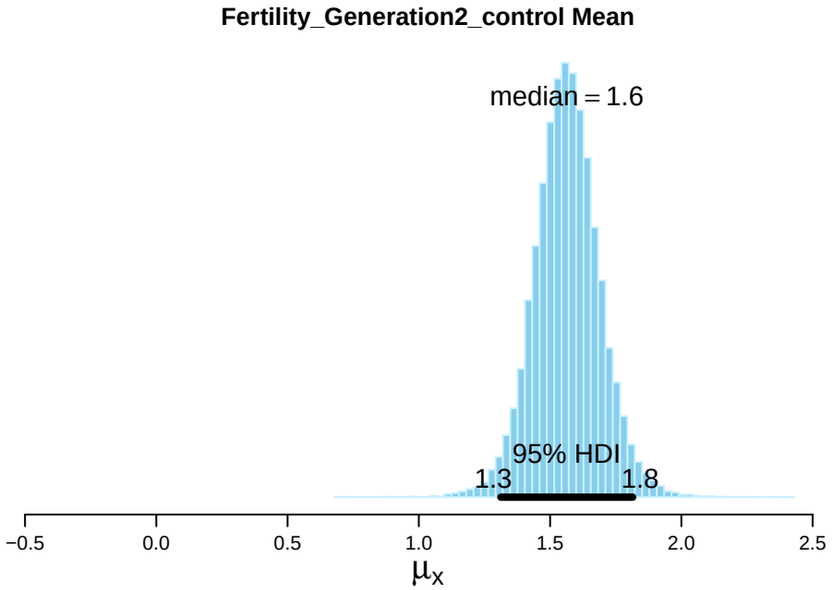

Data Fertility_Generation1_control w. Post. Pred.
N = 9
Probability
0.0
0.5
1.0
1.5
2.0
2.5
0.6
0.8
1.0
1.2
1.4
1.6
Fertility_Generation1_control

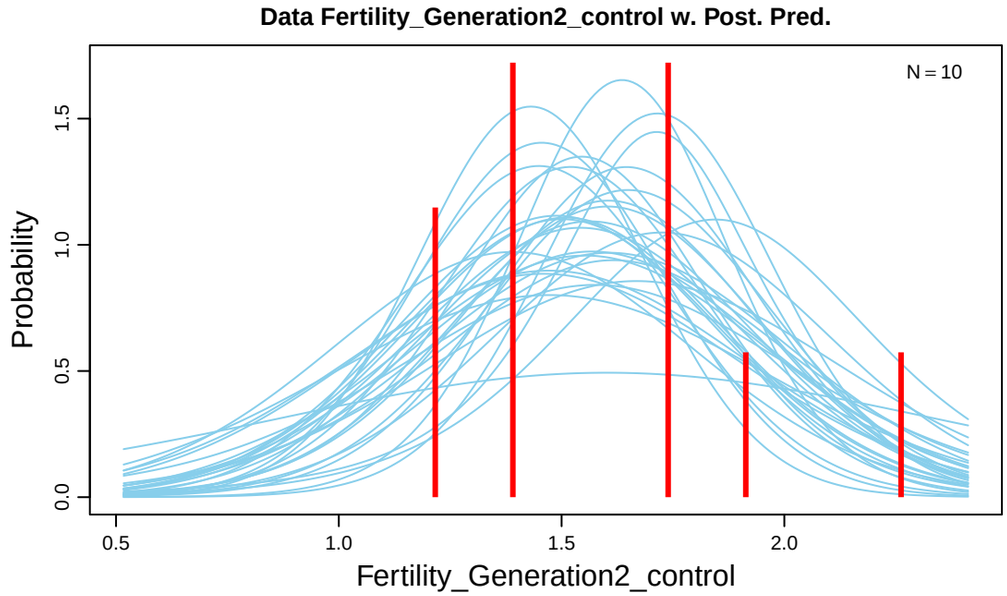

Fertility_Generation1_100 Mean
median = 0.83
95% HDI
0.39
1.3
−2
−1
0
1
2
3
4
μy

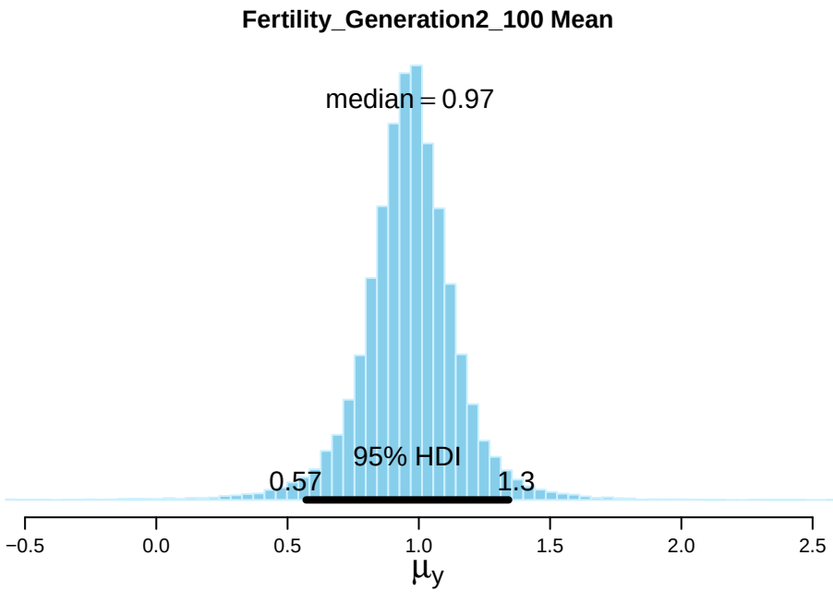

Data Fertility_Generation1_100 w. Post. Pred.
N = 5
Probability
0.0
0.5
1.0
1.5
2.0
0.6
0.8
1.0
1.2
1.4
1.6
Fertility_Generation1_100

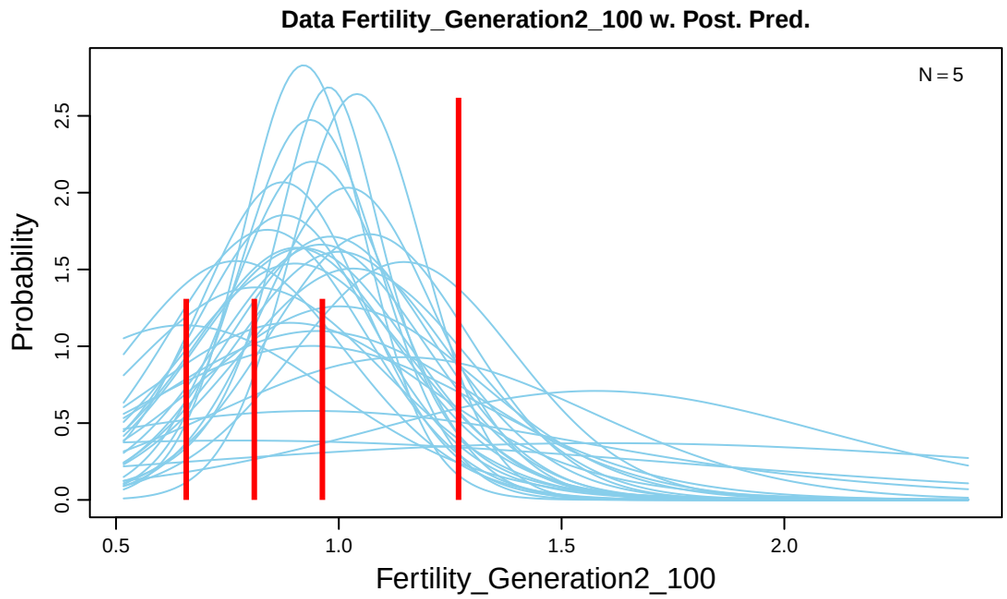

Difference of Means
median = 0.39
5.3% < 0 < 94.7%
95% HDI
−0.13
0.87
−2
−1
0
1
2
3
μx − μy

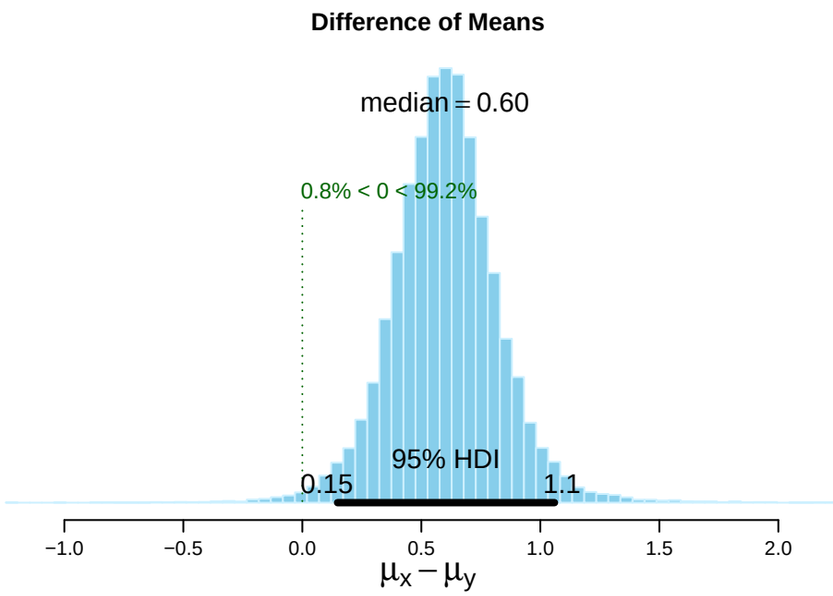

Effect Size
median = 1.2
5.3% < 0 < 94.7%
95% HDI
−0.33
2.8
−2
0
2
4
6
8
10
(μx − μy)/√((σx² + σy²)/2

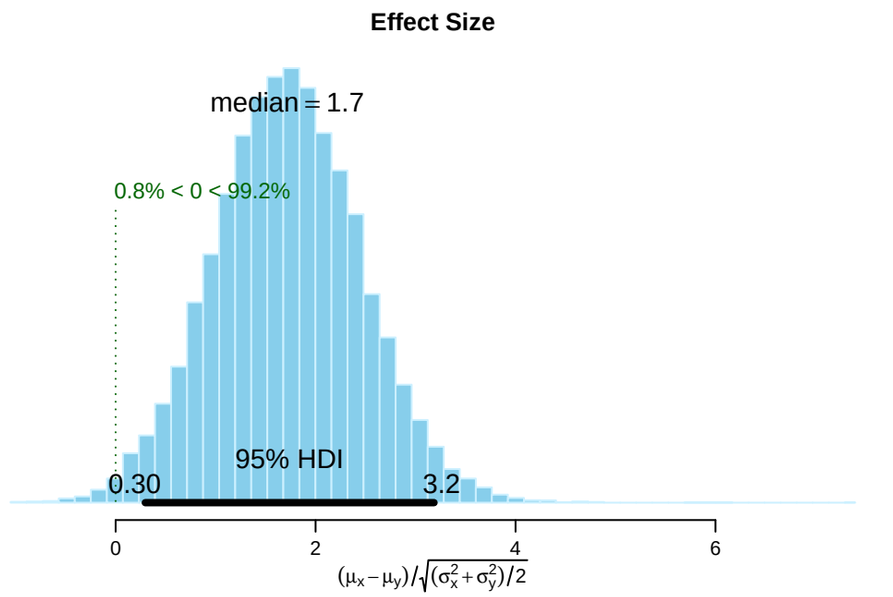

Fertility_Generation2_control Mean
median = 1.6
95% HDI
1.3
1.8
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
μx

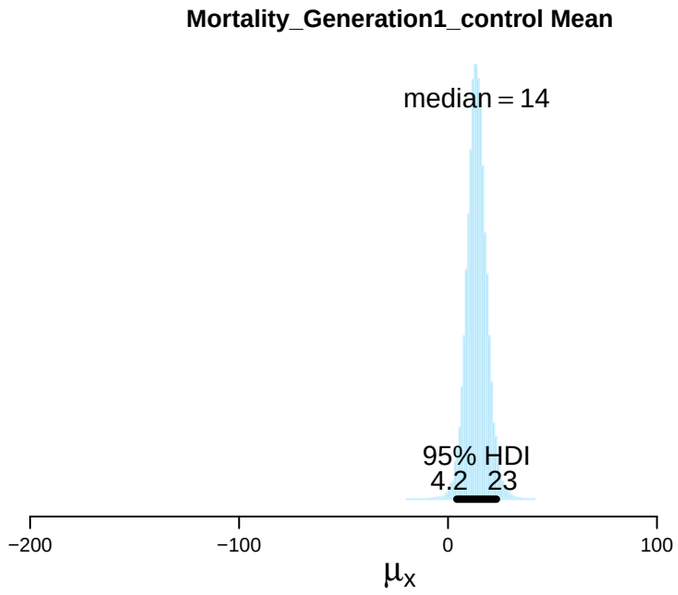

Data Fertility_Generation2_control w. Post. Pred.
N = 10
Probability
0.0
0.5
1.0
1.5
0.5
1.0
1.5
2.0
Fertility_Generation2_control

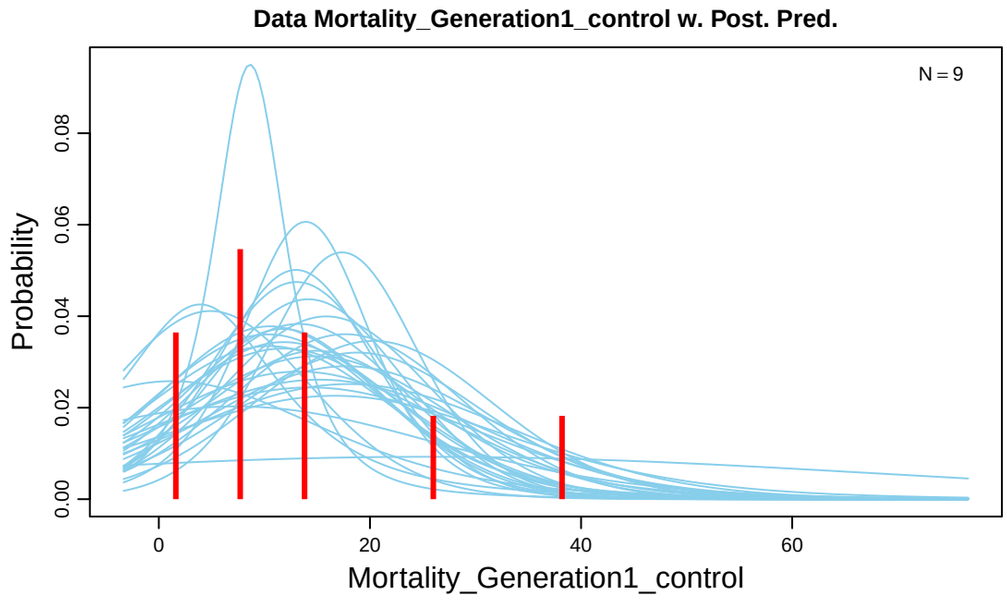

Fertility_Generation2_100 Mean
median = 0.97
95% HDI
0.57
1.3
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
μy

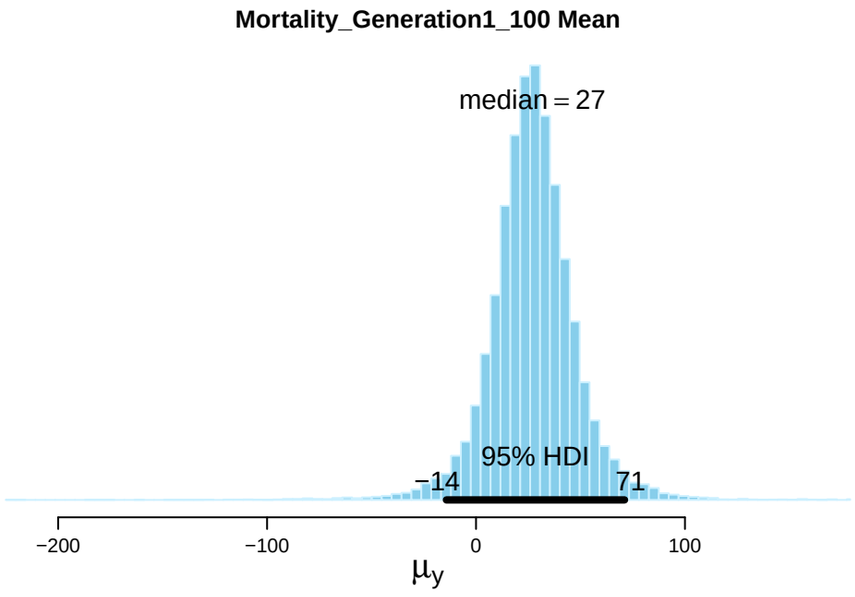

Data Fertility_Generation2_100 w. Post. Pred.
N = 5
Probability
0.0
0.5
1.0
1.5
2.0
2.5
0.5
1.0
1.5
2.0
Fertility_Generation2_100

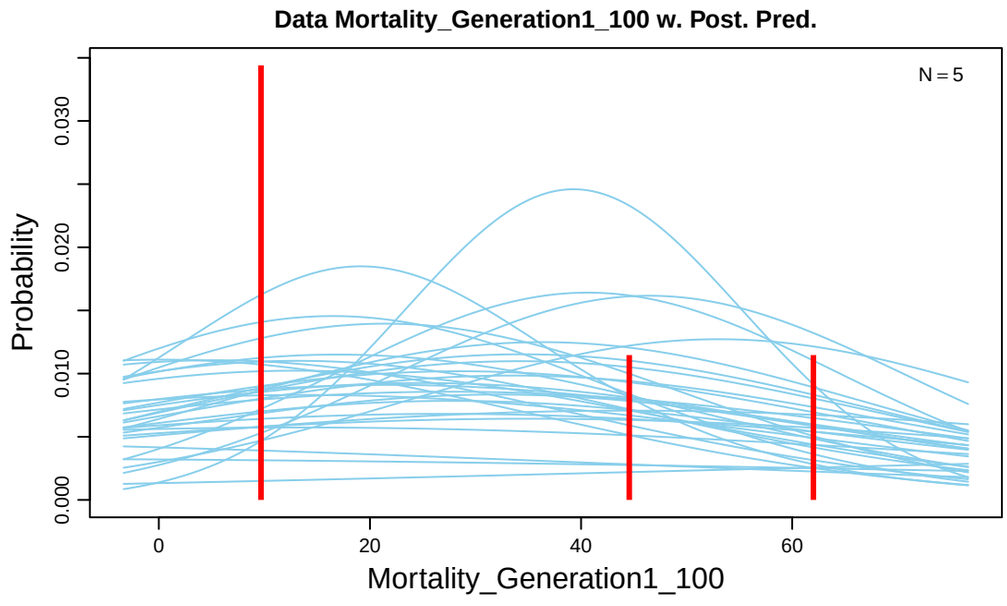

Difference of Means
median = 0.60
0.8% < 0 < 99.2%
95% HDI
0.15
1.1
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
μx − μy

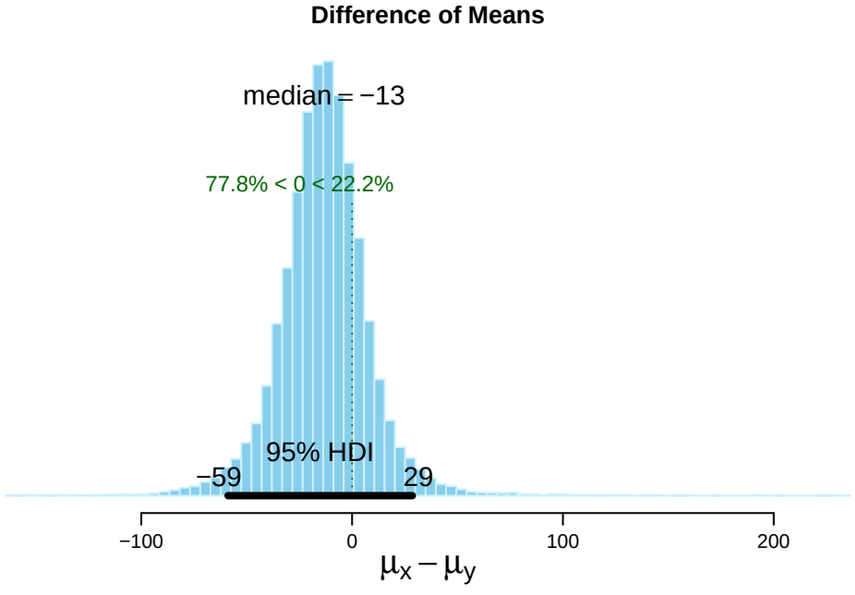

Effect Size
median = 1.7
0.8% < 0 < 99.2%
95% HDI
0.30
3.2
0
2
4
6
(μx − μy)/√((σx² + σy²)/2)

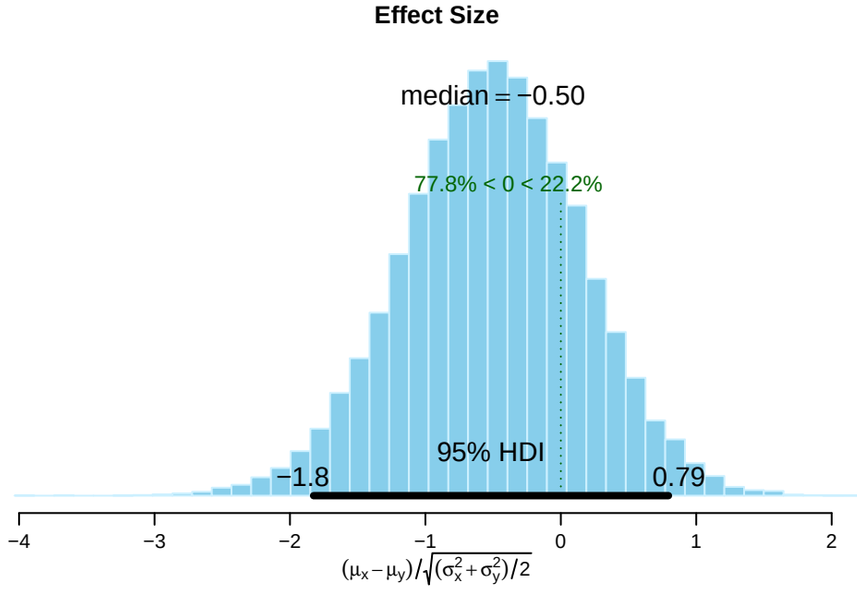

Mortality_Generation1_control Mean
median = 14
95% HDI
4.2 23
−200
−100
0
100
μx

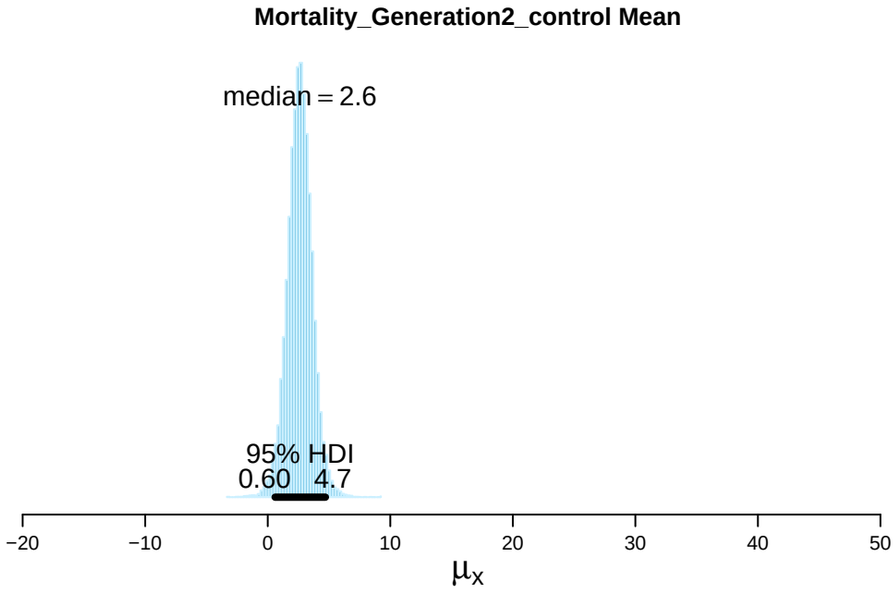

Data Mortality_Generation1_control w. Post. Pred.
N = 9
Probability
0.00
0.02
0.04
0.06
0.08
0
20
40
60
Mortality_Generation1_control

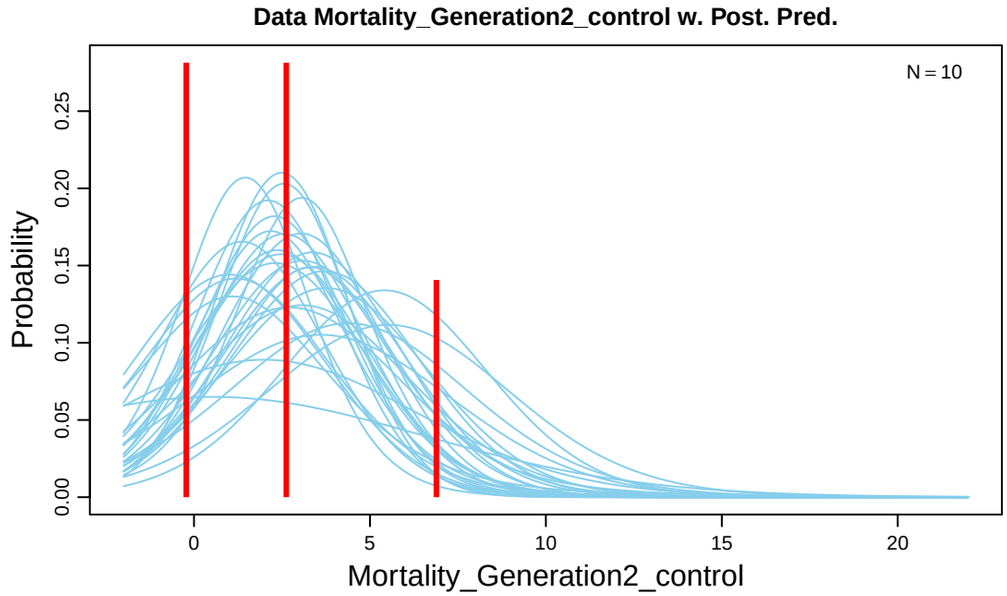

Mortality_Generation1_100 Mean
median = 27
95% HDI
−14
71
−200
−100
0
100
μy

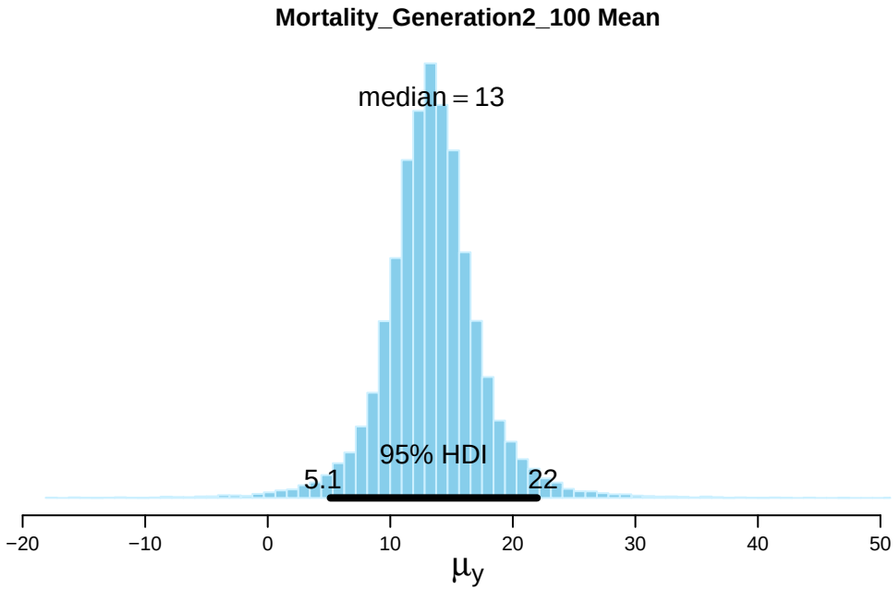

Data Mortality_Generation1_100 w. Post. Pred.
N = 5
Probability
0.000
0.010
0.020
0.030
0
20
40
60
Mortality_Generation1_100

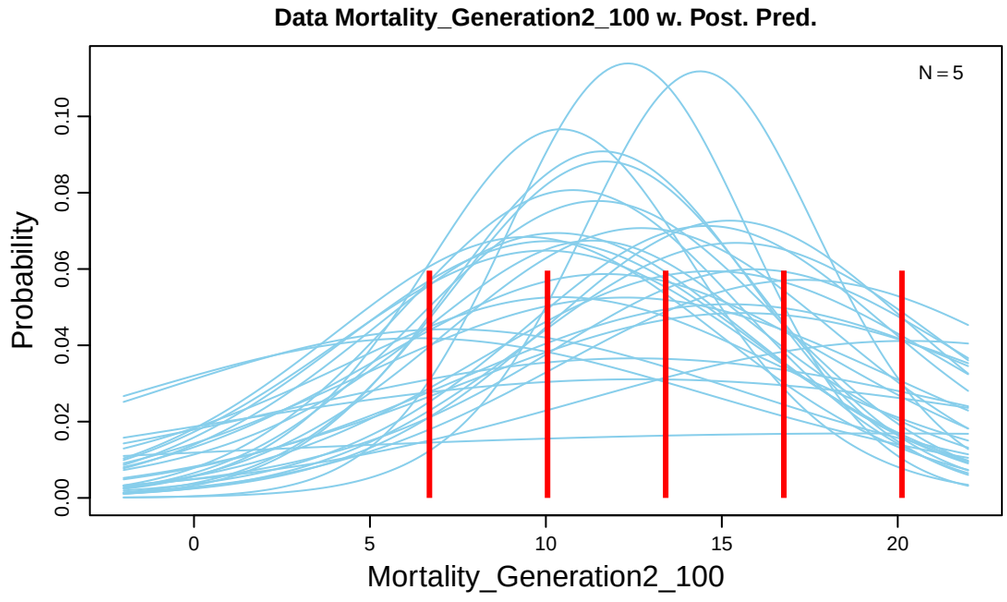

Difference of Means
median = −13
77.8% < 0 < 22.2%
95% HDI
−59
29
−100
0
100
200
μx − μy

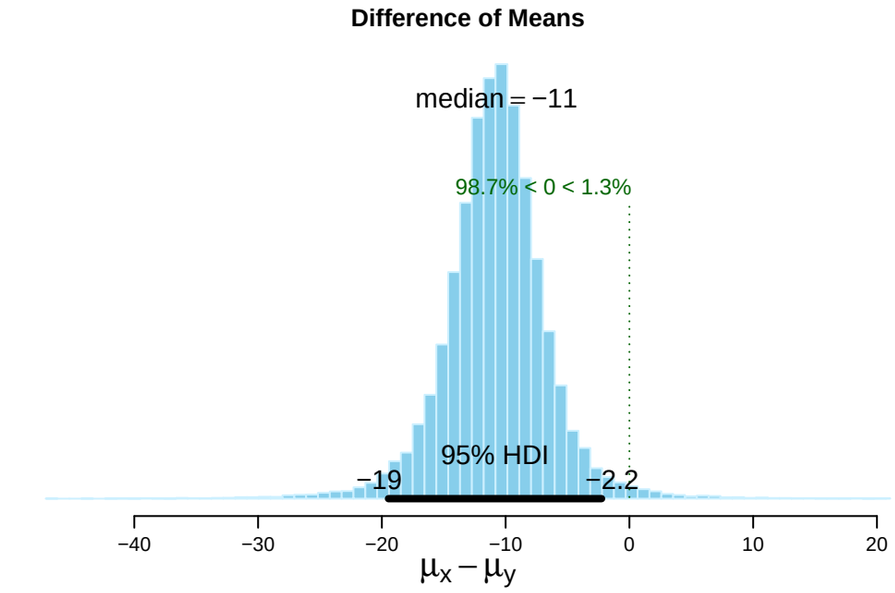

Effect Size
median = −0.50
77.8% < 0 < 22.2%
95% HDI
−1.8
0.79
−4
−3
−2
−1
0
1
2
(μx − μy)/√((σx² + σy²)/2)

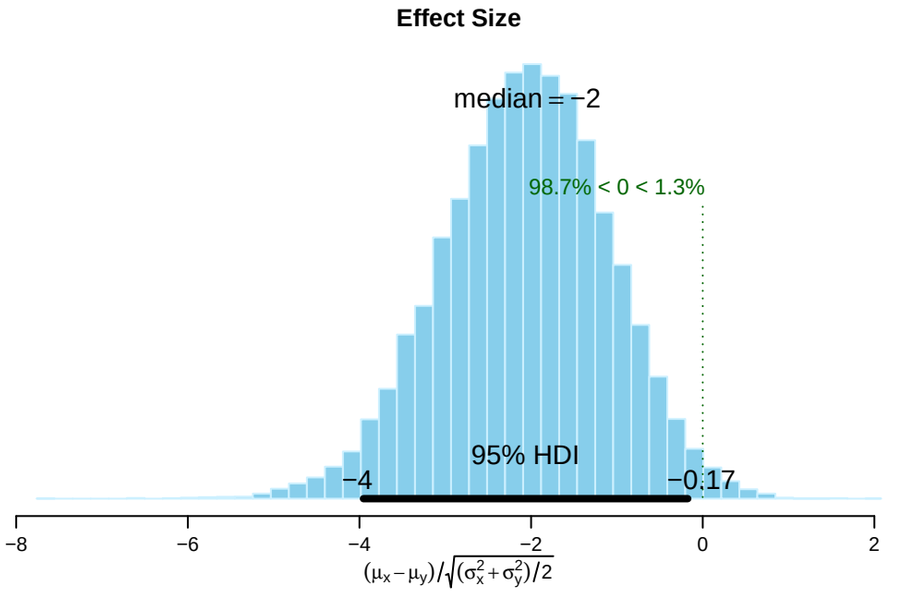

Mortality_Generation2_control Mean
median = 2.6
95% HDI
0.60 4.7
−20 −10 0 10 20 30 40 50
μ_x

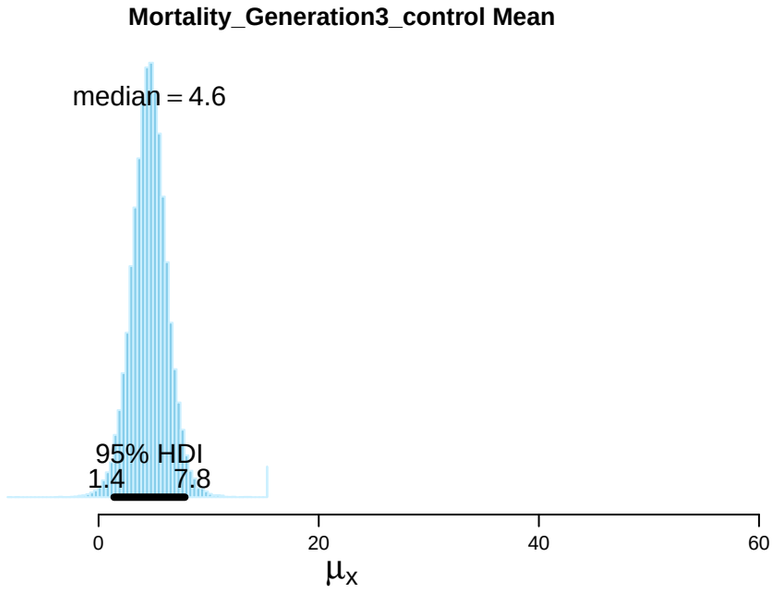

Data Mortality_Generation2_control w. Post. Pred.
N = 10
Probability
0.00 0.05 0.10 0.15 0.20 0.25
0 5 10 15 20
Mortality_Generation2_control

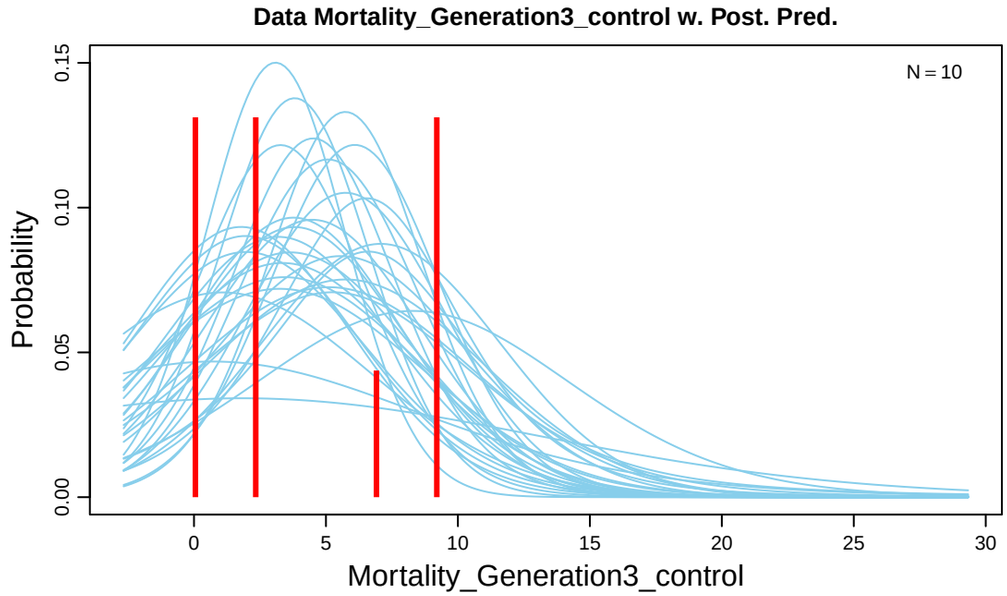

Mortality_Generation2_100 Mean
median = 13
95% HDI
5.1 22
−20 −10 0 10 20 30 40 50
μ_y

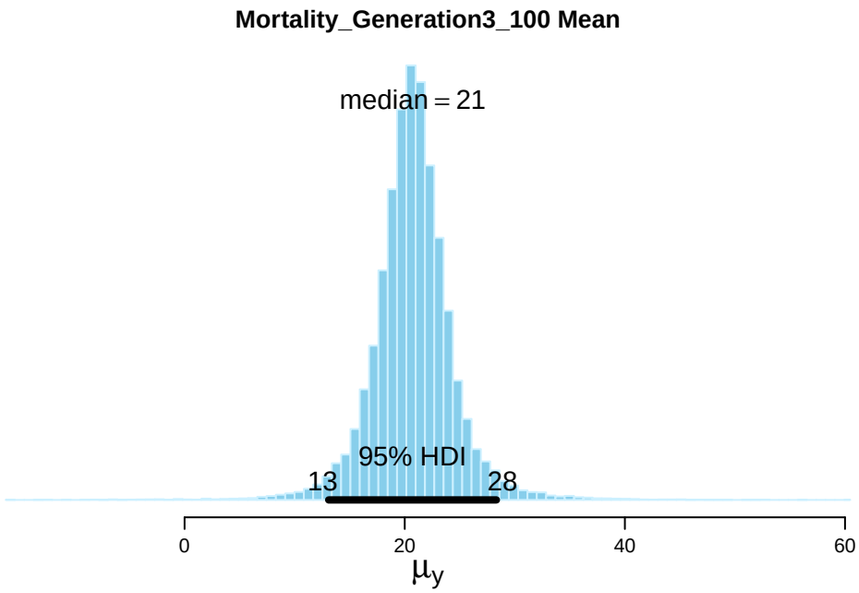

Data Mortality_Generation2_100 w. Post. Pred.
N = 5
Probability
0.00 0.02 0.04 0.06 0.08 0.10
0 5 10 15 20
Mortality_Generation2_100

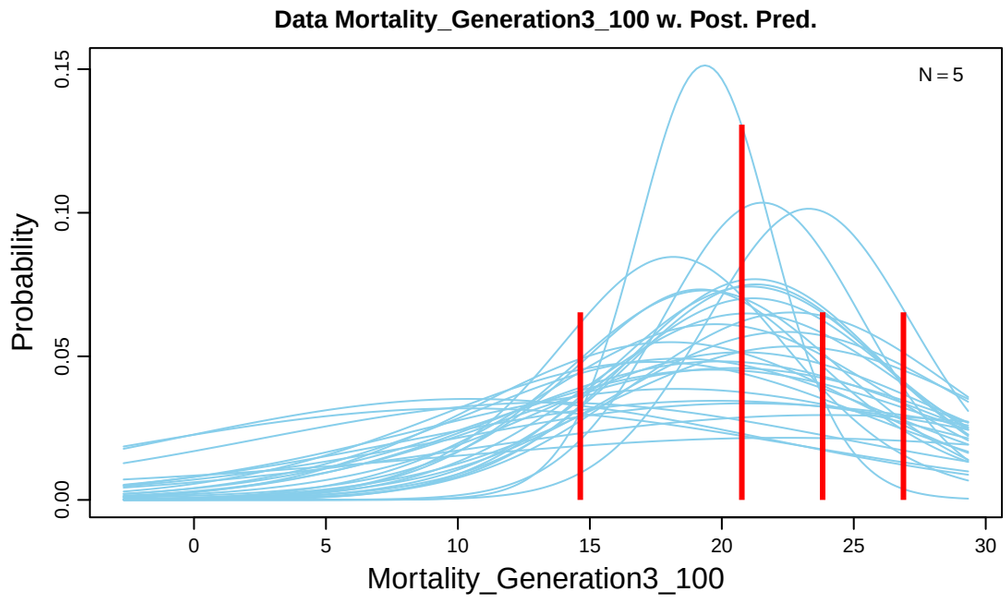

Difference of Means
median = −11
98.7% < 0 < 1.3%
95% HDI
−19 −2.2
−40 −30 −20 −10 0 10 20
$\mu_x - \mu_y$

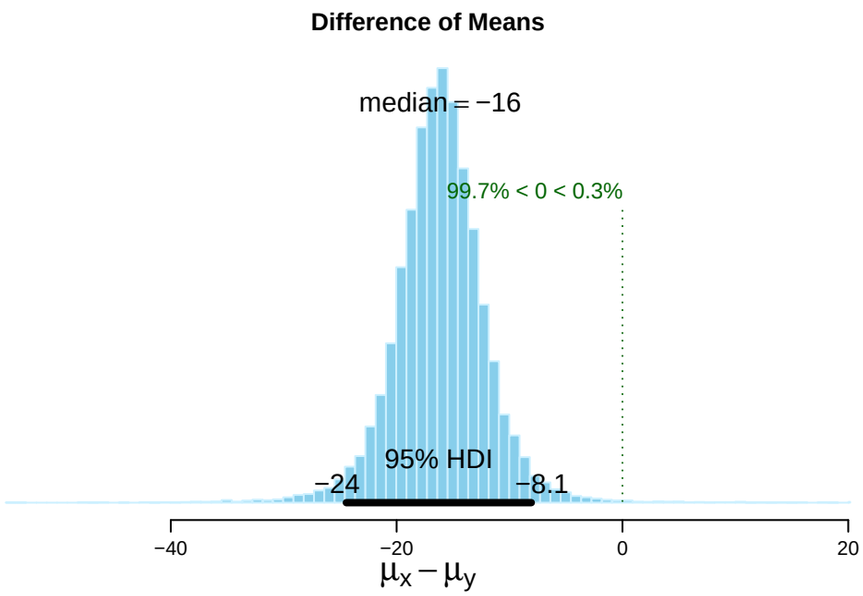

Effect Size
median = −2
98.7% < 0 < 1.3%
95% HDI
−4 −0.17
−8 −6 −4 −2 0 2
$(\mu_x - \mu_y)/\sqrt{(\sigma_x^2 + \sigma_y^2)/2}$

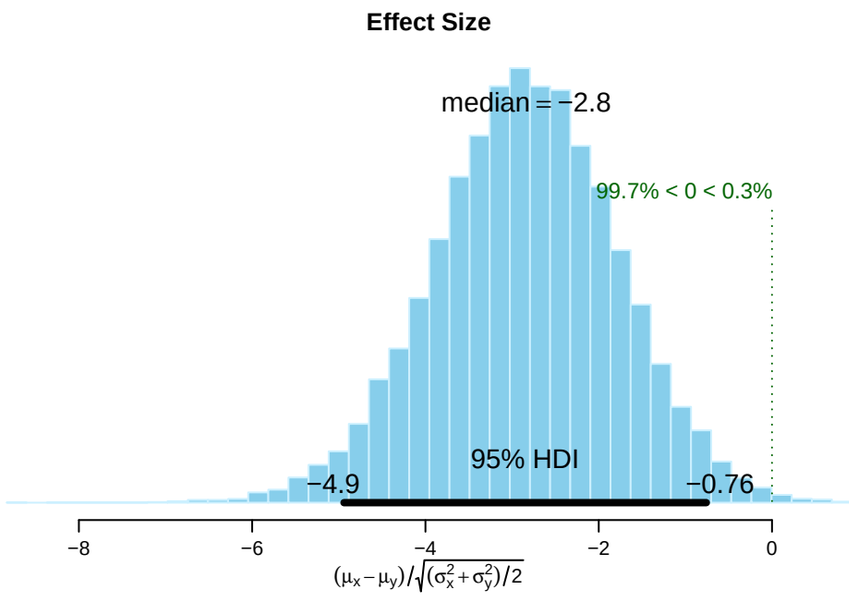

Mortality_Generation3_control Mean
median = 4.6
95% HDI
1.4
7.8
0
20
40
60
μx

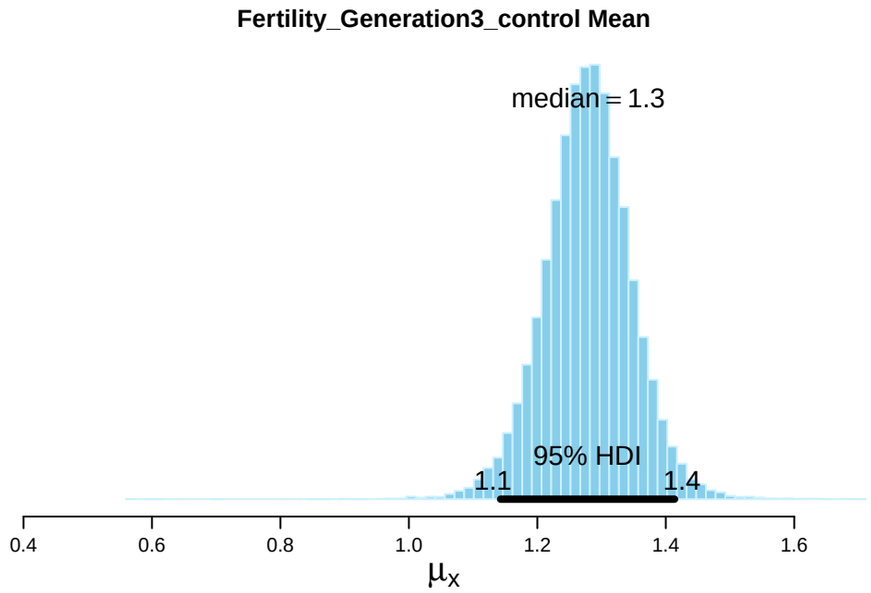

Data Mortality_Generation3_control w. Post. Pred.
N = 10
Probability
0.00
0.05
0.10
0.15
0
5
10
15
20
25
30
Mortality_Generation3_control

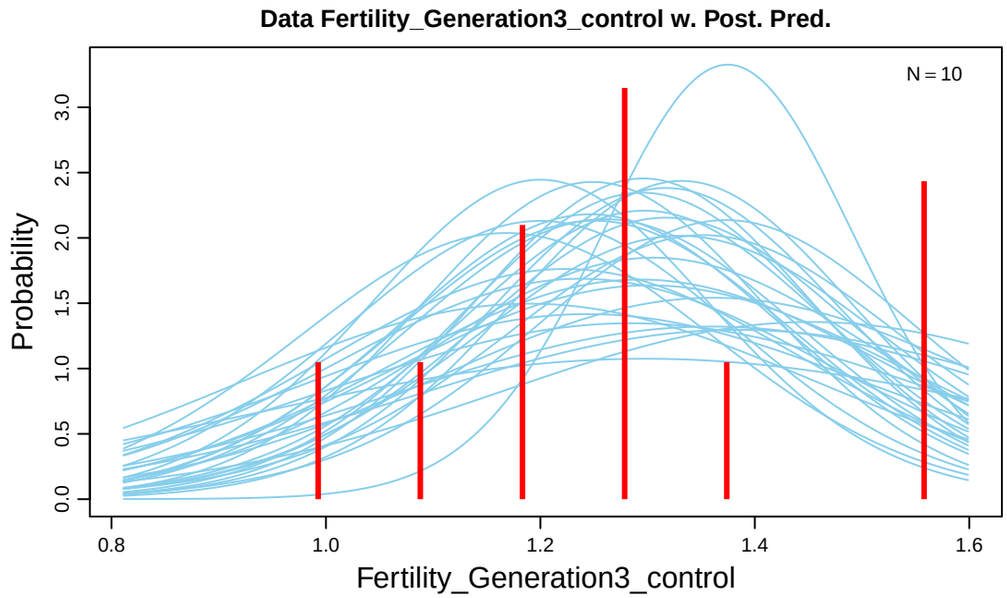

Mortality_Generation3_100 Mean
median = 21
95% HDI
13
28
0
20
40
60
μy

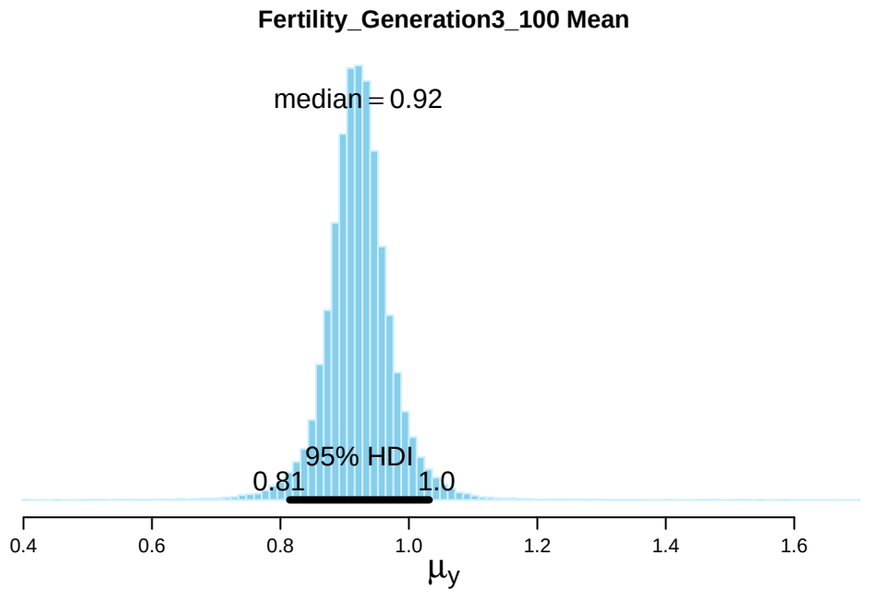

Data Mortality_Generation3_100 w. Post. Pred.
N = 5
Probability
0.00
0.05
0.10
0.15
0
5
10
15
20
25
30
Mortality_Generation3_100

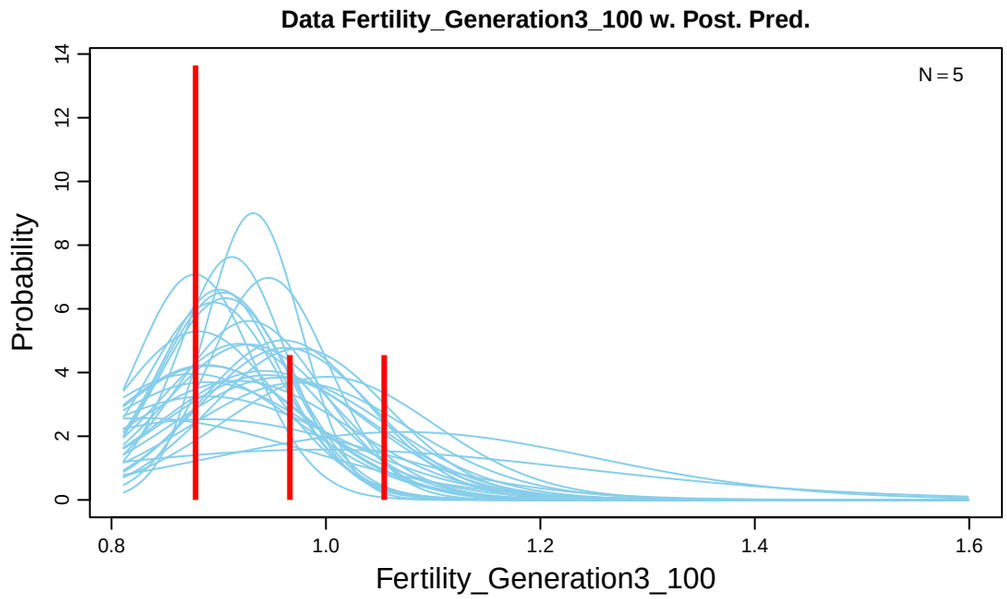

Difference of Means
median = −16
99.7% < 0 < 0.3%
95% HDI
−24
−8.1
−40
−20
0
20
μx − μy

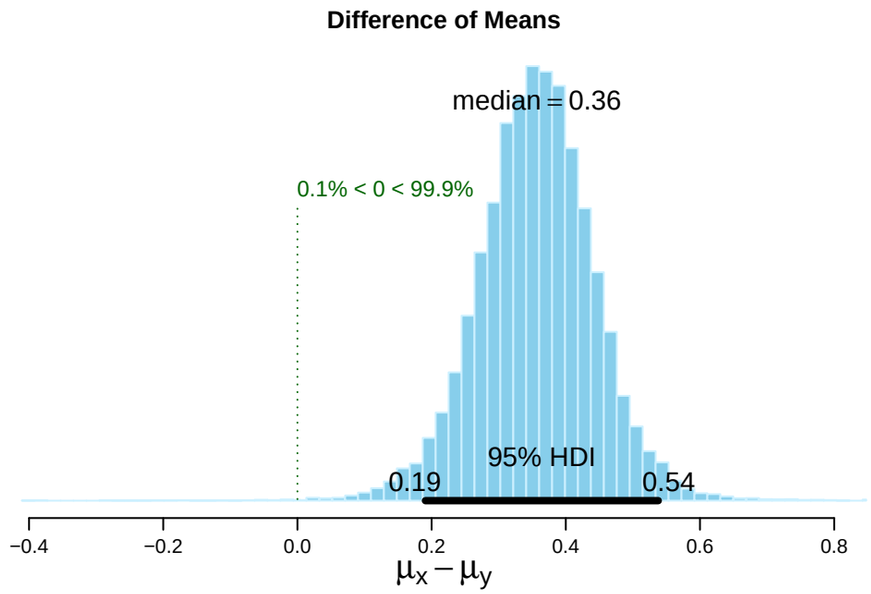

Effect Size
median = −2.8
99.7% < 0 < 0.3%
95% HDI
−4.9
−0.76
−8
−6
−4
−2
0
(μx − μy)/√((σx² + σy²)/2)

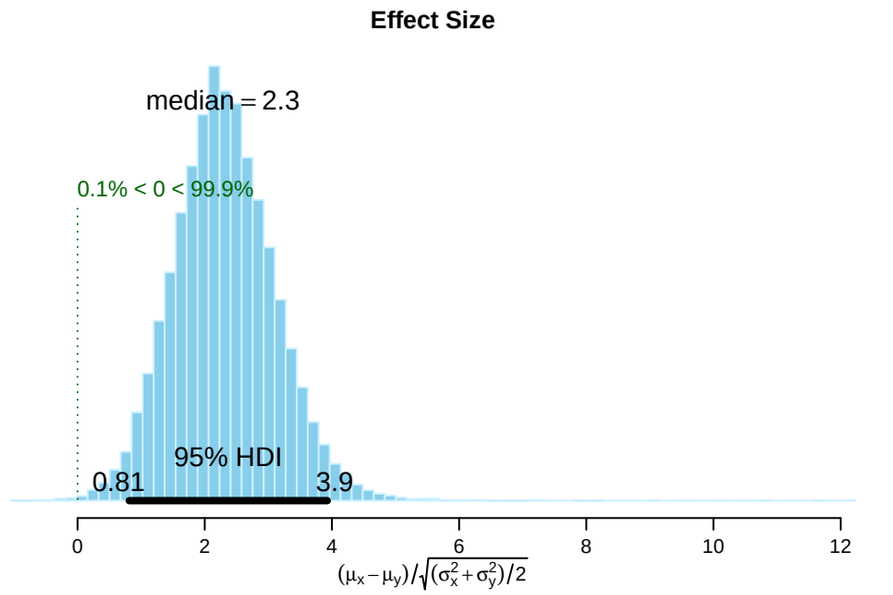

Fertility_Generation3_control Mean
median = 1.3
95% HDI
1.1
1.4
0.4
0.6
0.8
1.0
1.2
1.4
1.6
μx

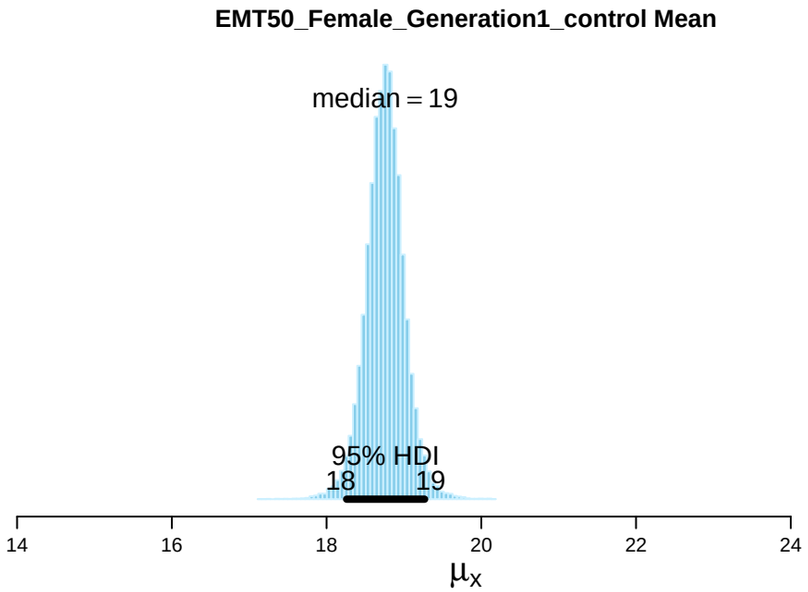

Data Fertility_Generation3_control w. Post. Pred.
N = 10
Probability
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0.8
1.0
1.2
1.4
1.6
Fertility_Generation3_control

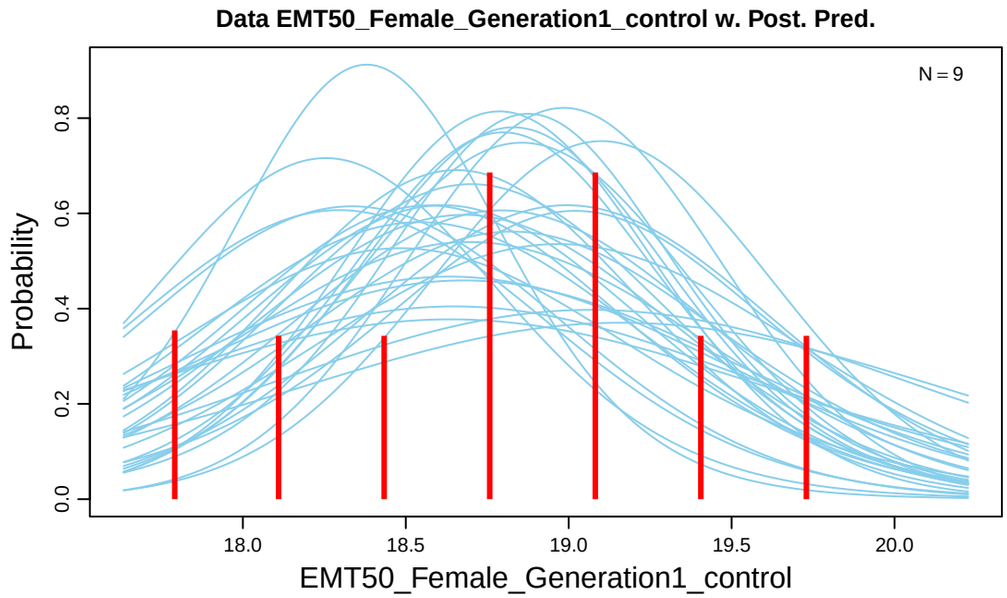

Fertility_Generation3_100 Mean
median = 0.92
95% HDI
0.81
1.0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
μy

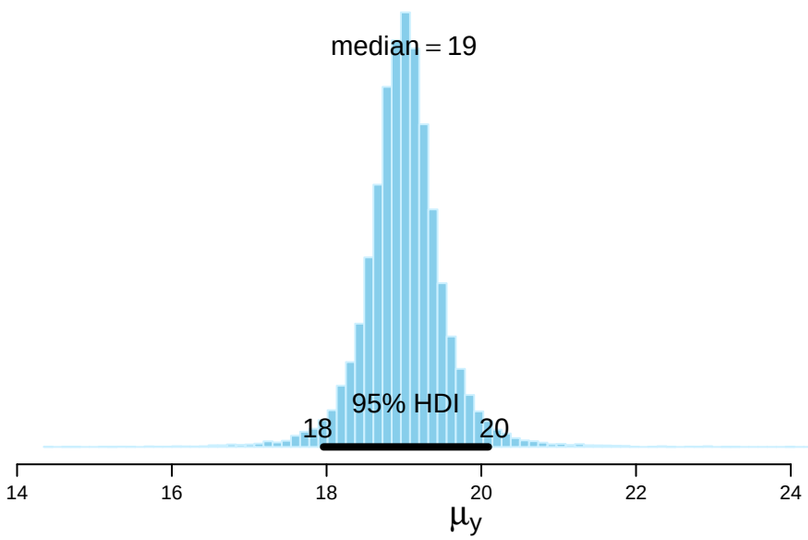

Data Fertility_Generation3_100 w. Post. Pred.
N = 5
Probability
0
2
4
6
8
10
12
14
0.8
1.0
1.2
1.4
1.6
Fertility_Generation3_100

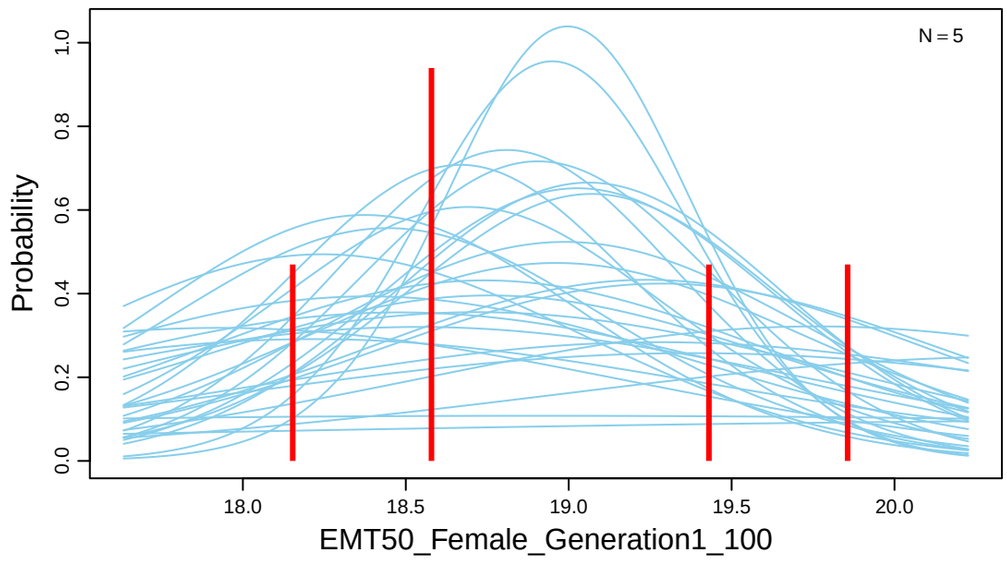

Difference of Means
median = 0.36
0.1% < 0 < 99.9%
95% HDI
0.19
0.54
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
μx − μy

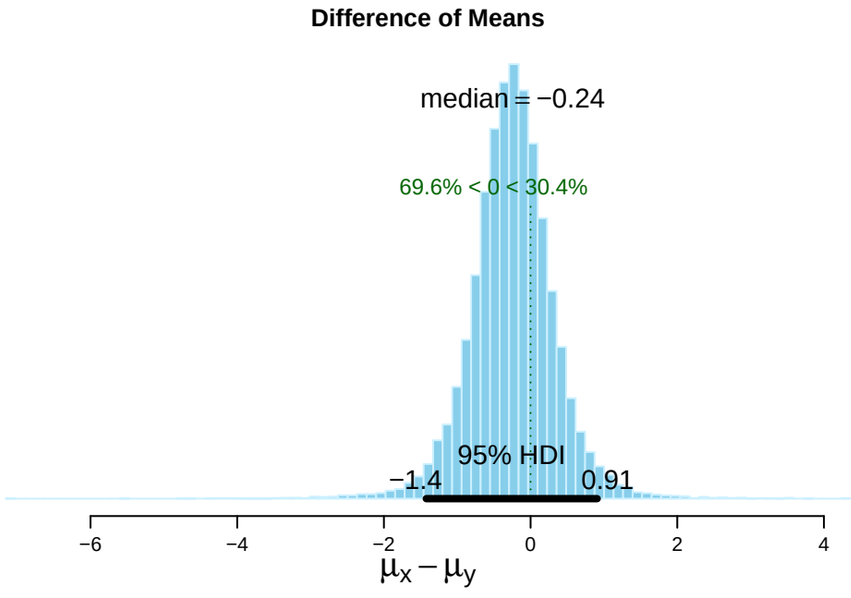

Effect Size
median = 2.3
0.1% < 0 < 99.9%
95% HDI
0.81
3.9
0
2
4
6
8
10
12
(μx − μy)/√((σx² + σy²)/2)

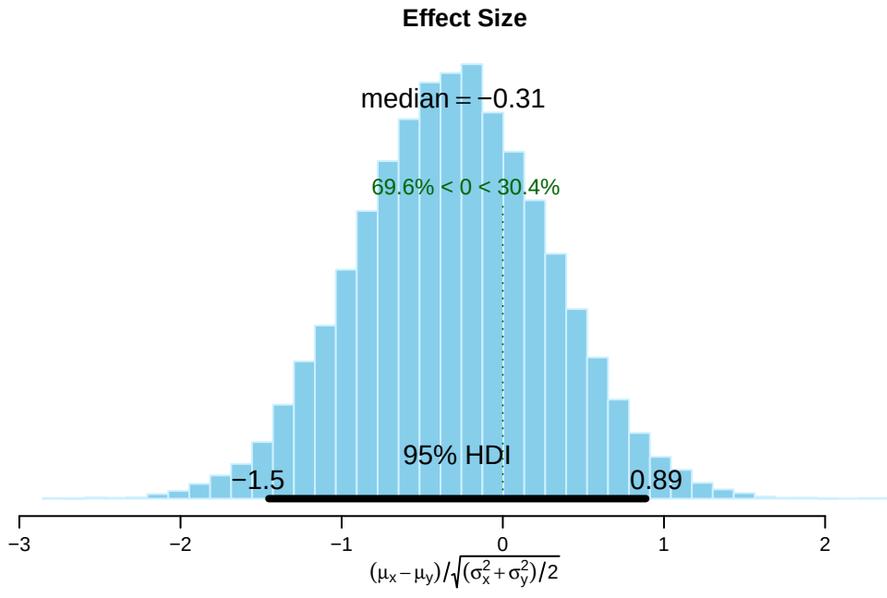

EMT50_Female_Generation1_control Mean
median = 19
95% HDI
18
19
14
16
18
20
22
24
μx

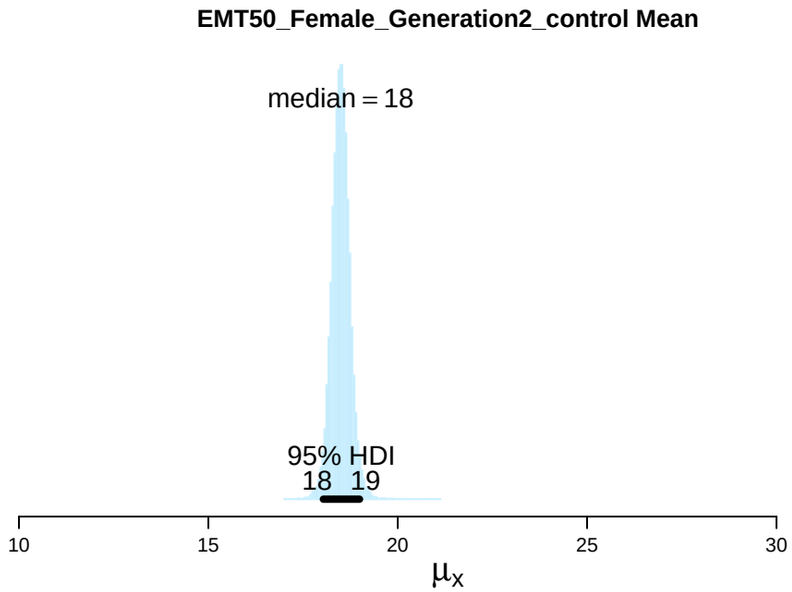

Data EMT50_Female_Generation1_control w. Post. Pred.
N = 9
Probability
0.0
0.2
0.4
0.6
0.8
18.0
18.5
19.0
19.5
20.0
EMT50_Female_Generation1_control

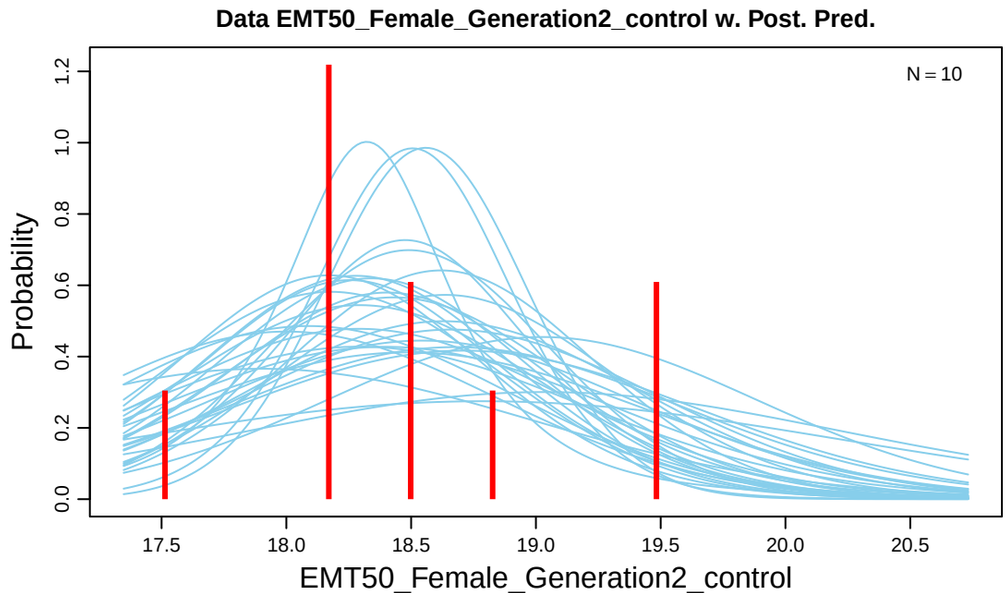

EMT50_Female_Generation1_100 Mean
median = 19
95% HDI
18
20
14
16
18
20
22
24
μy

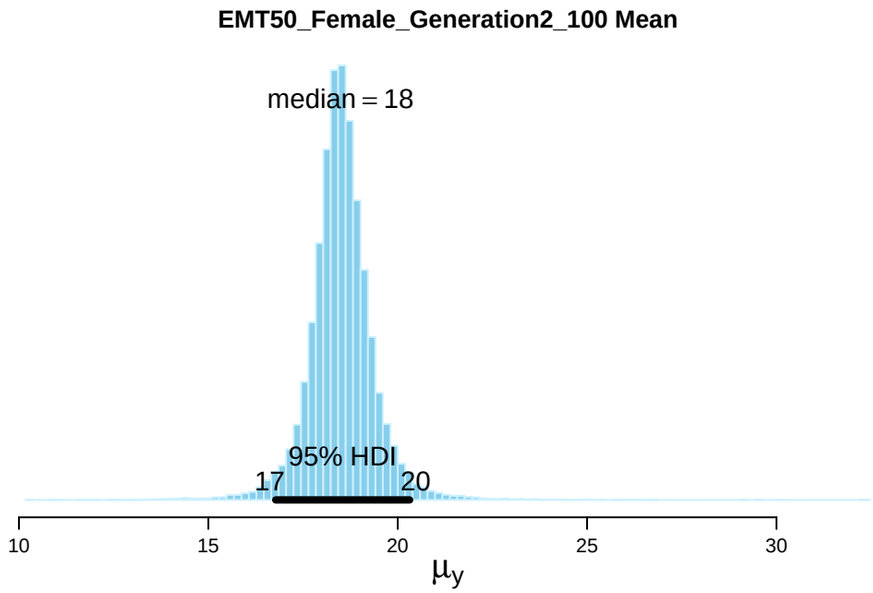

Data EMT50_Female_Generation1_100 w. Post. Pred.
N = 5
Probability
0.0
0.2
0.4
0.6
0.8
1.0
18.0
18.5
19.0
19.5
20.0
EMT50_Female_Generation1_100

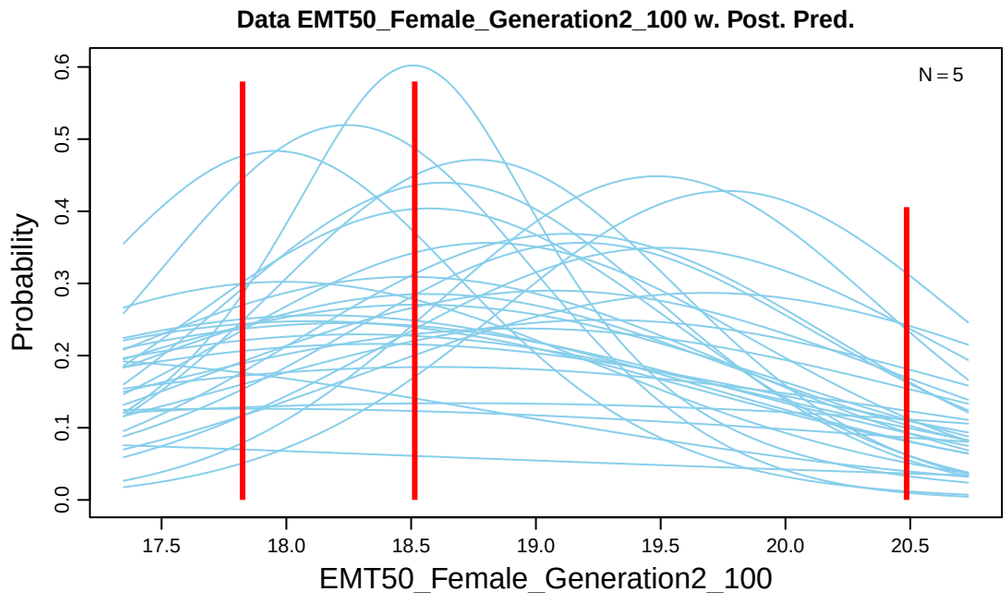

Difference of Means
median = −0.24
69.6% < 0 < 30.4%
95% HDI
−1.4
0.91
−6
−4
−2
0
2
4
μx − μy

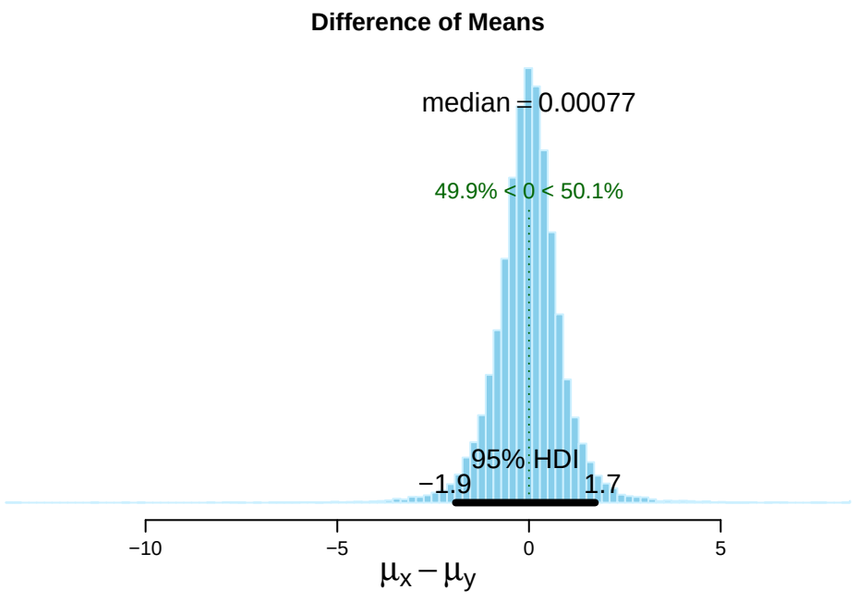

Effect Size
median = −0.31
69.6% < 0 < 30.4%
95% HDI
−1.5
0.89
−3
−2
−1
0
1
2
(μx − μy)/√((σx² + σy²)/2)

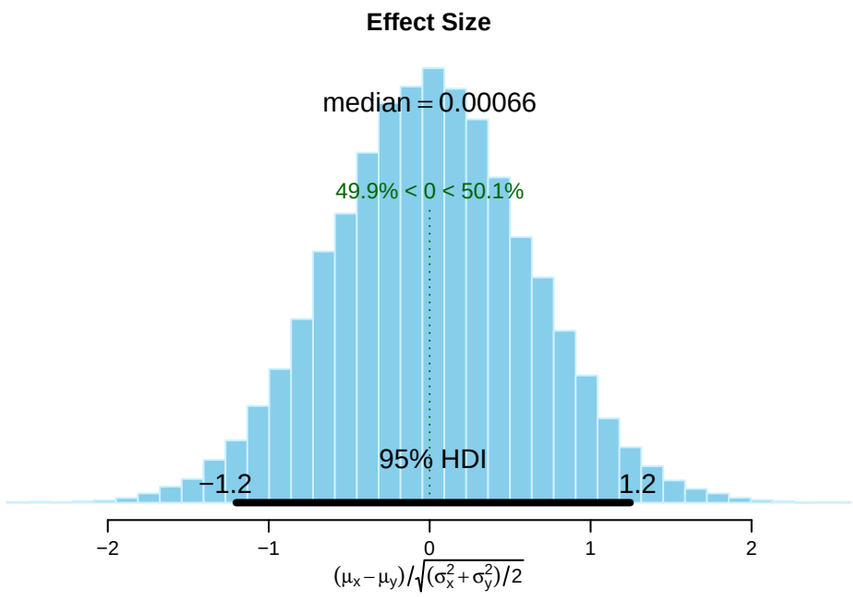

EMT50_Female_Generation2_control Mean
median = 18
95% HDI
18 19
10
15
20
25
30
μx

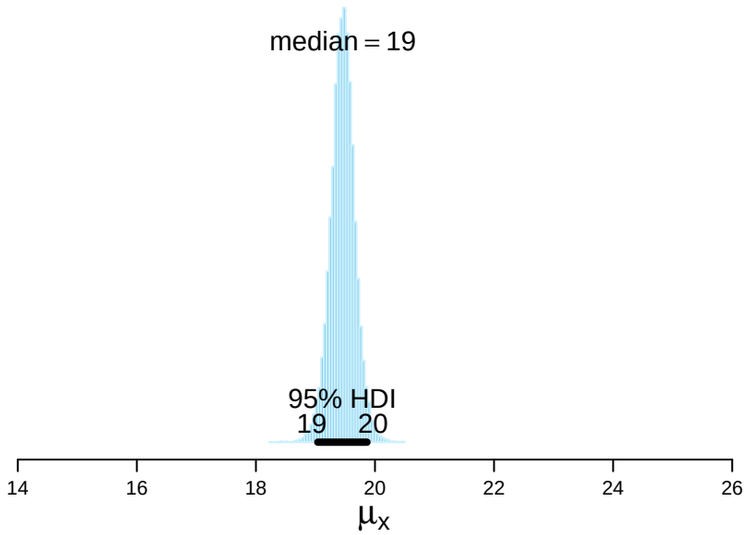

Data EMT50_Female_Generation2_control w. Post. Pred.
N = 10
Probability
0.0
0.2
0.4
0.6
0.8
1.0
1.2
17.5
18.0
18.5
19.0
19.5
20.0
20.5
EMT50_Female_Generation2_control

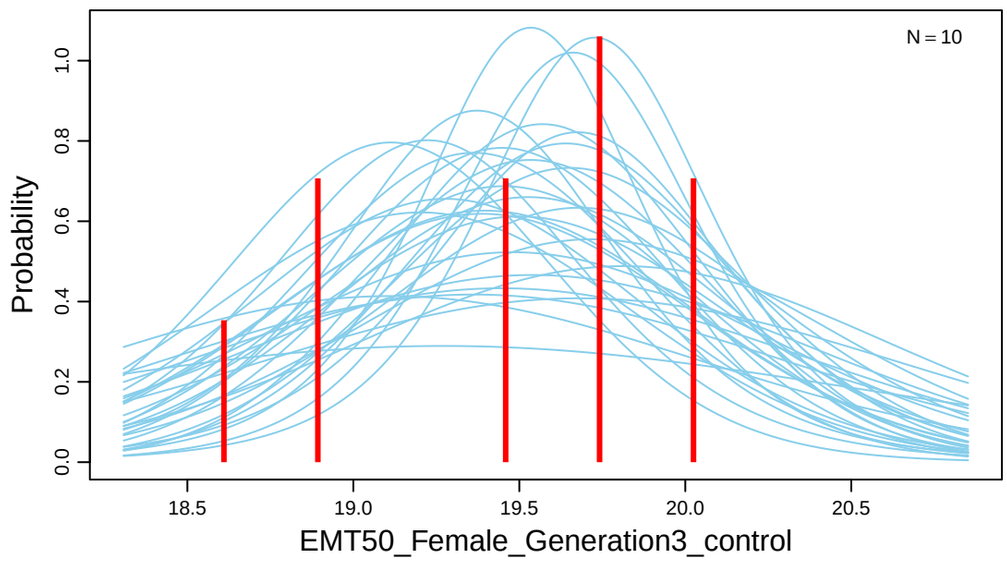

EMT50_Female_Generation2_100 Mean
median = 18
95% HDI
17 20
10
15
20
25
30
μy

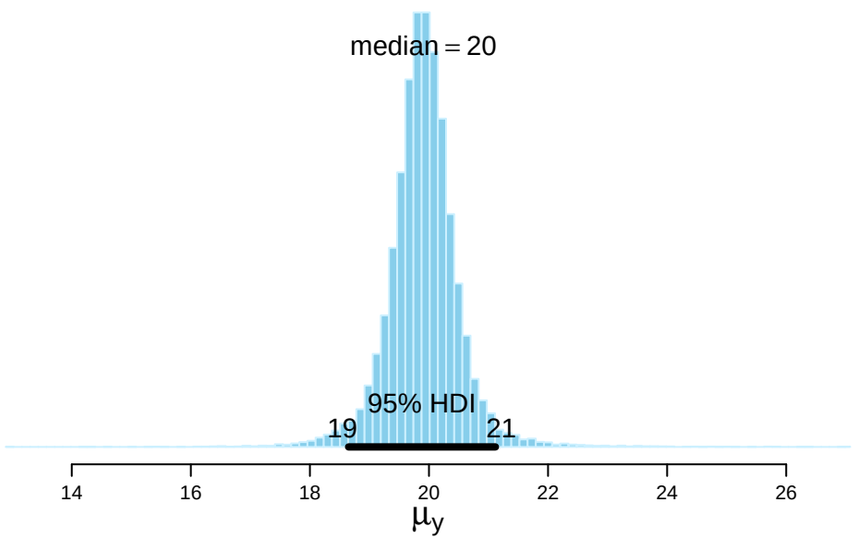

Data EMT50_Female_Generation2_100 w. Post. Pred.
N = 5
Probability
0.0
0.1
0.2
0.3
0.4
0.5
0.6
17.5
18.0
18.5
19.0
19.5
20.0
20.5
EMT50_Female_Generation2_100

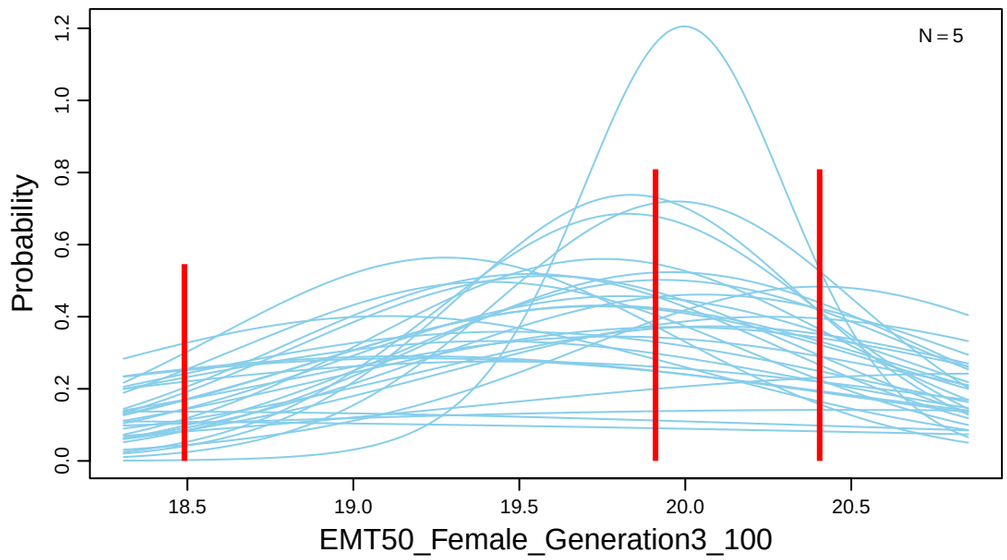

Difference of Means
median = 0.00077
49.9% < 0 < 50.1%
95% HDI
−1.9 1.7
−10
−5
0
5
μx − μy

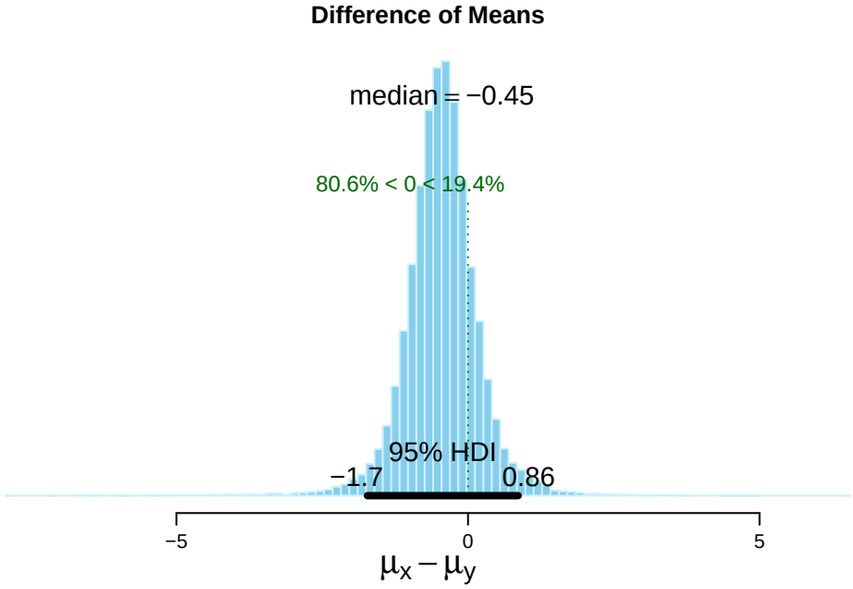

Effect Size
median = 0.00066
49.9% < 0 < 50.1%
95% HDI
−1.2 1.2
−2
−1
0
1
2
(μx − μy)/√((σx² + σy²)/2

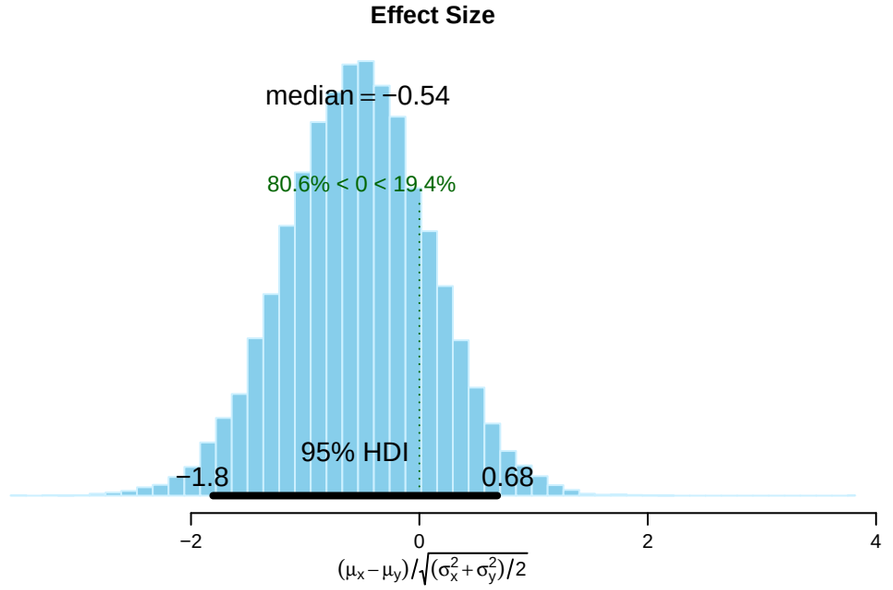

EMT50_Female_Generation3_control Mean
median = 19
95% HDI
19 20
14 16 18 20 22 24 26
μ_x

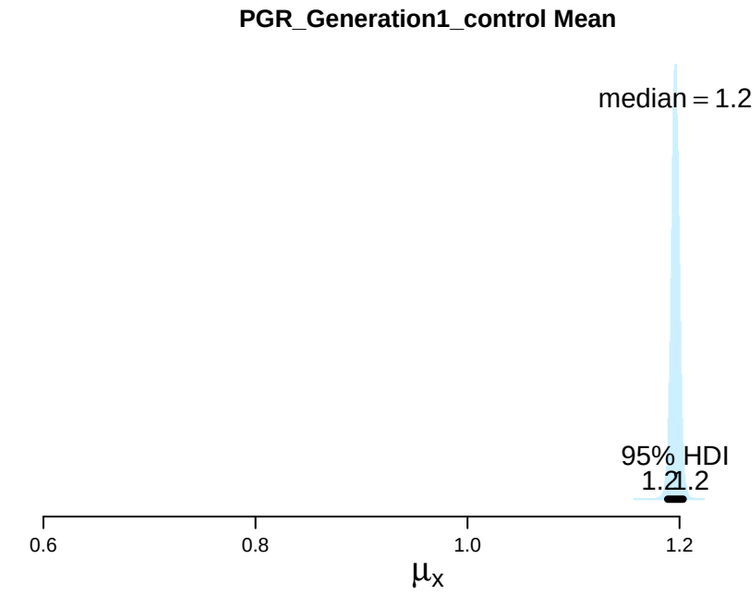

Data EMT50_Female_Generation3_control w. Post. Pred.
N = 10
Probability
0.0 0.2 0.4 0.6 0.8 1.0
18.5 19.0 19.5 20.0 20.5
EMT50_Female_Generation3_control

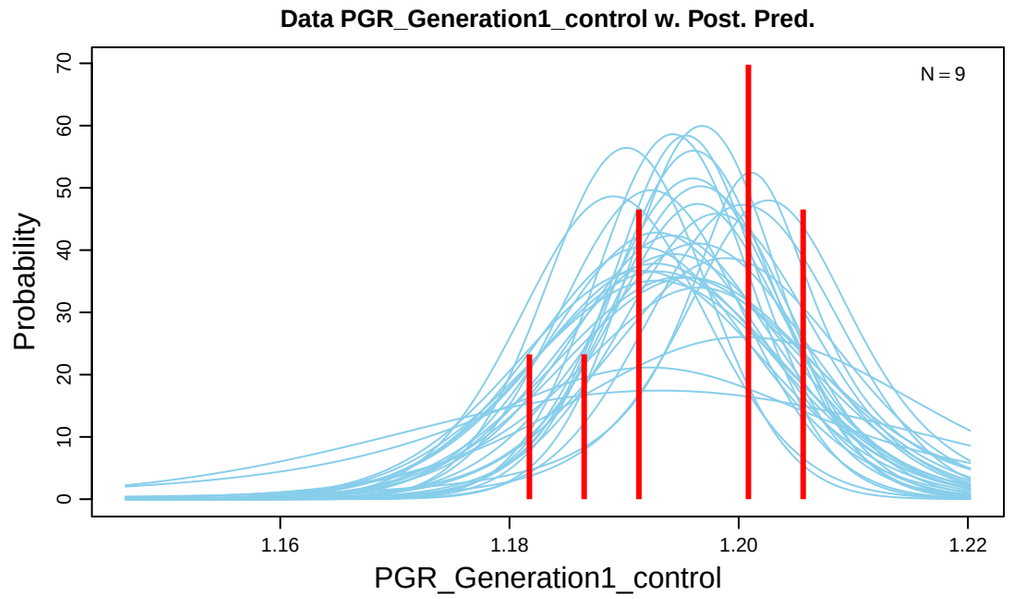

EMT50_Female_Generation3_100 Mean
median = 20
95% HDI
19 21
14 16 18 20 22 24 26
μ_y

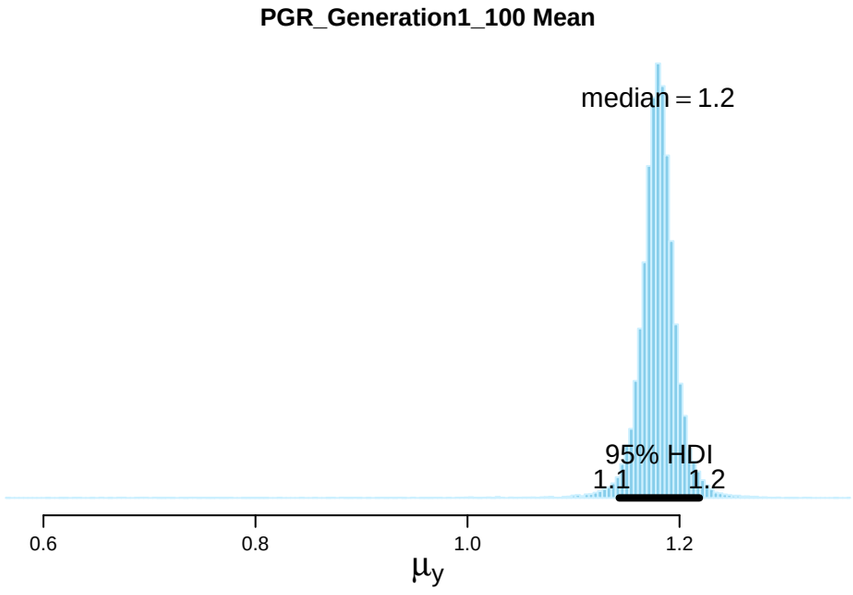

Data EMT50_Female_Generation3_100 w. Post. Pred.
N = 5
Probability
0.0 0.2 0.4 0.6 0.8 1.0 1.2
18.5 19.0 19.5 20.0 20.5
EMT50_Female_Generation3_100

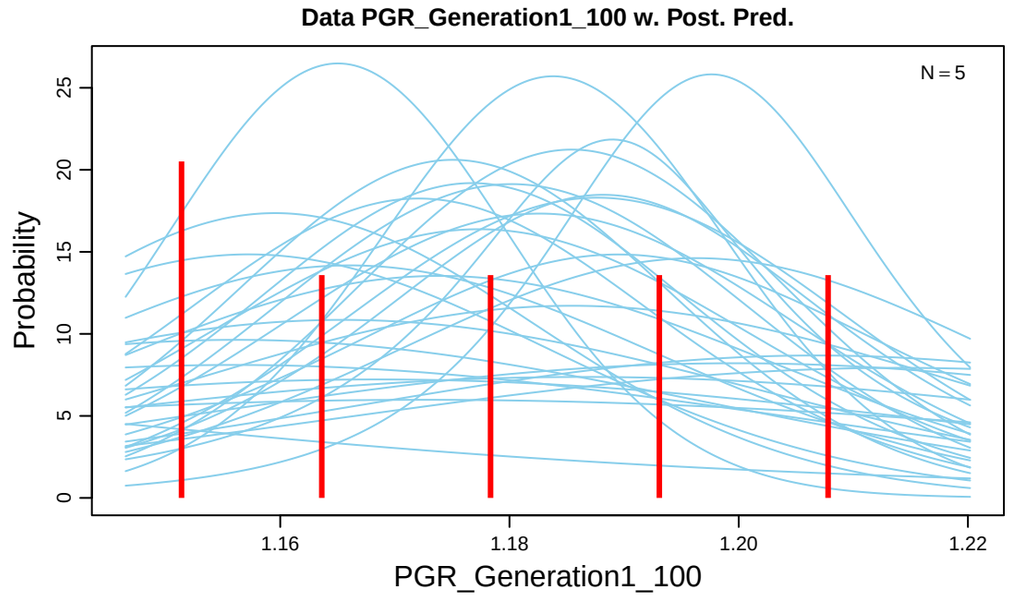

Difference of Means
median = −0.45
80.6% < 0 < 19.4%
95% HDI
−1.7 0.86
−5 0 5
$\mu_x - \mu_y$

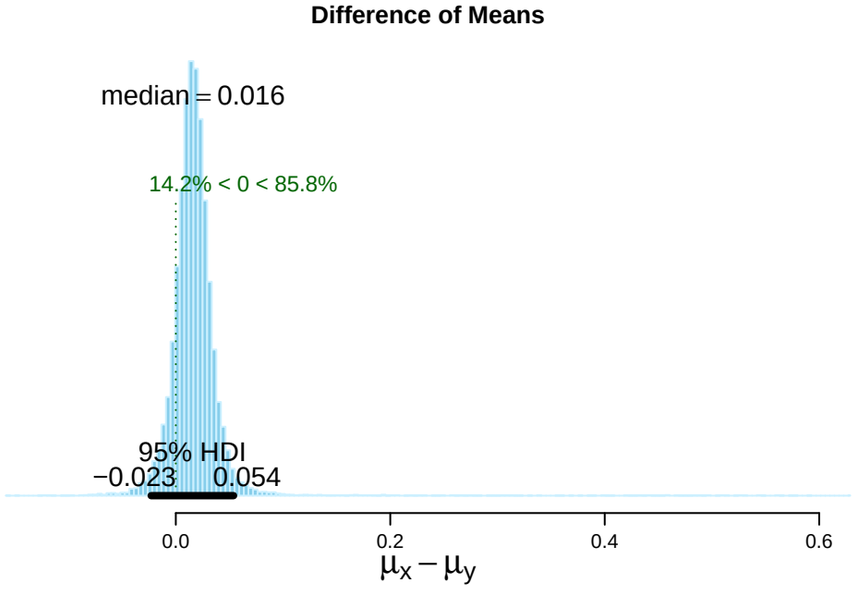

Effect Size
median = −0.54
80.6% < 0 < 19.4%
95% HDI
−1.8 0.68
−2 0 2 4
$(\mu_x - \mu_y)/\sqrt{(\sigma_x^2 + \sigma_y^2)/2}$

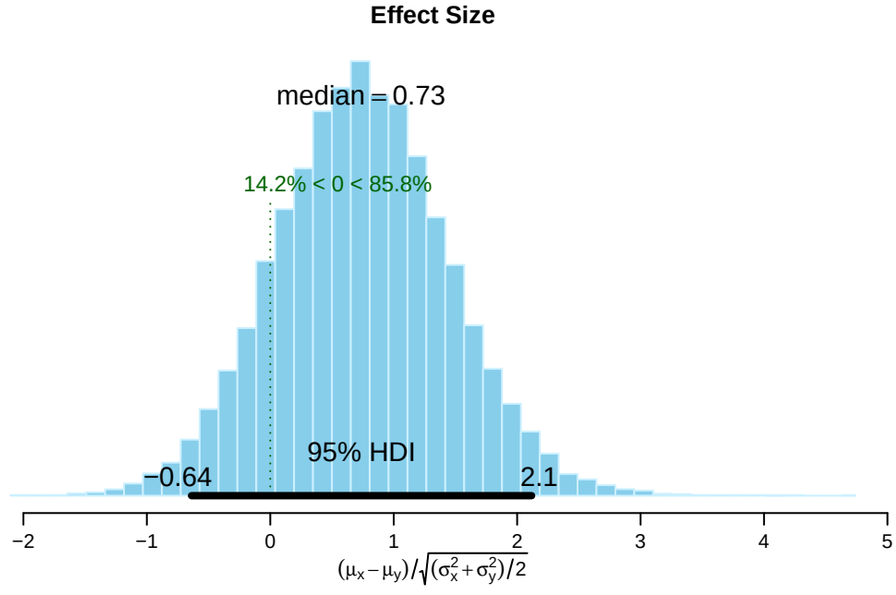

PGR_Generation1_control Mean
median = 1.2
95% HDI
1.2 1.2
0.6
0.8
1.0
1.2
μx

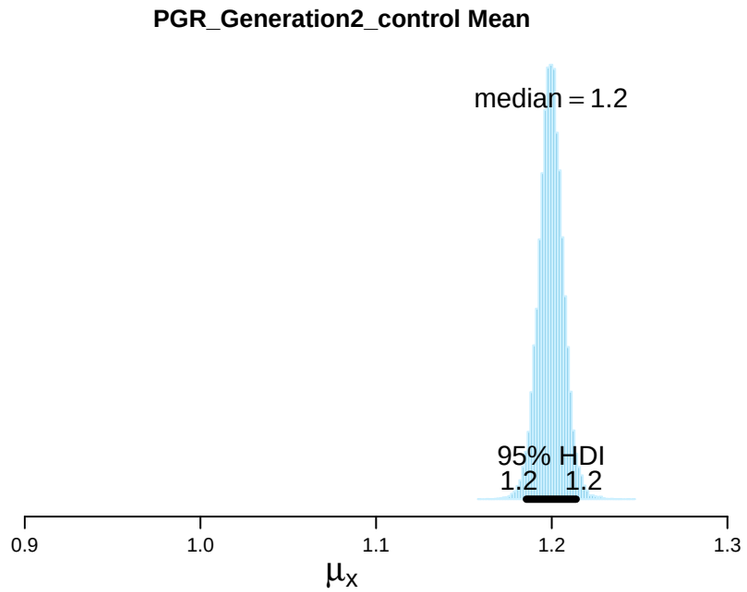

Data PGR_Generation1_control w. Post. Pred.
N = 9
Probability
0
10
20
30
40
50
60
70
1.16
1.18
1.20
1.22
PGR_Generation1_control

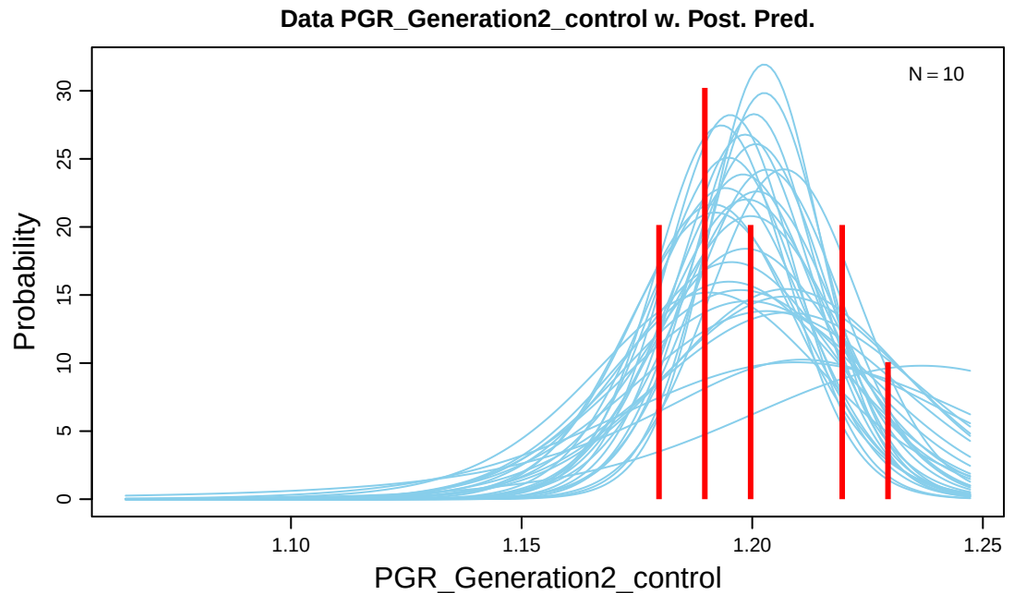

PGR_Generation1_100 Mean
median = 1.2
95% HDI
1.1 1.2
0.6
0.8
1.0
1.2
μy

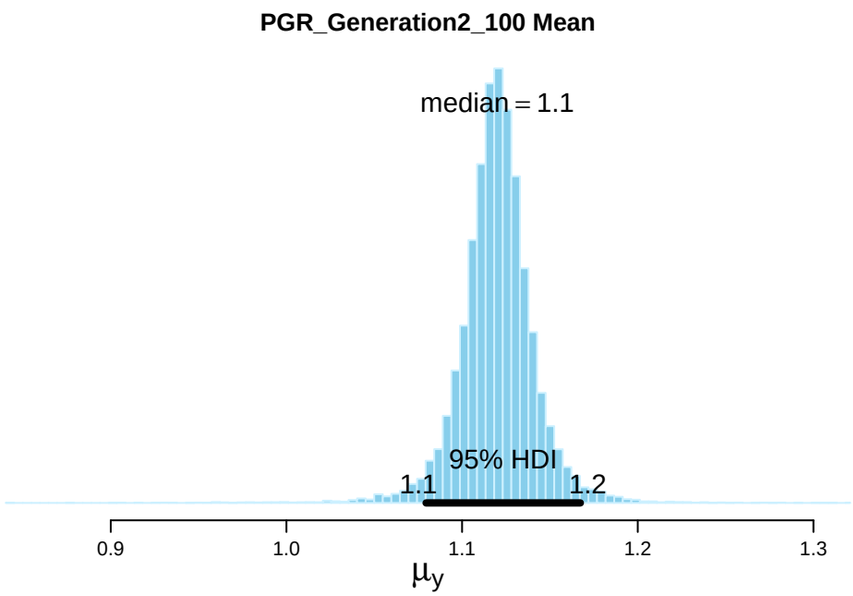

Data PGR_Generation1_100 w. Post. Pred.
N = 5
Probability
0
5
10
15
20
25
1.16
1.18
1.20
1.22
PGR_Generation1_100

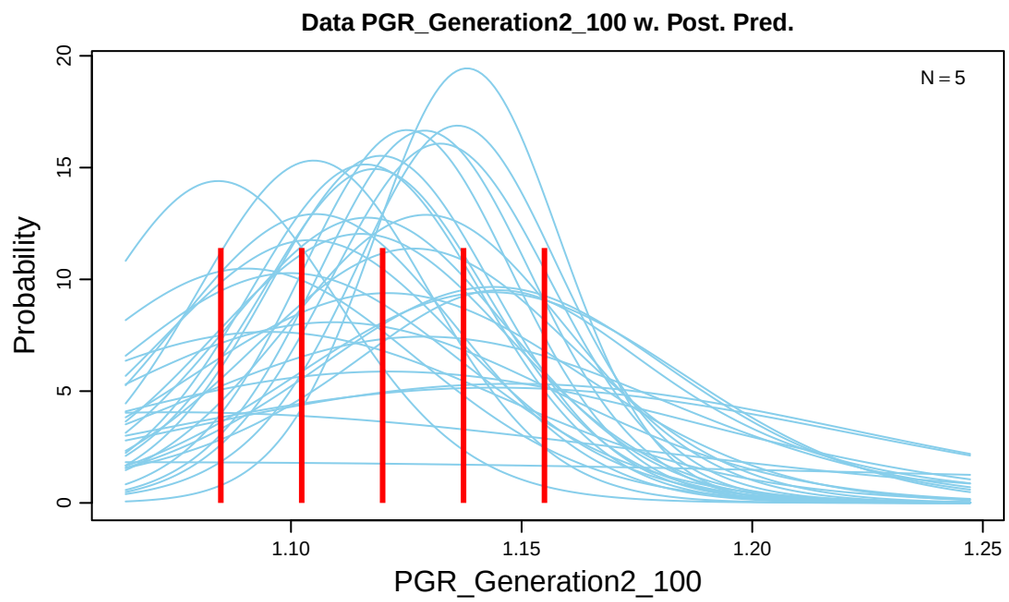

Difference of Means
median = 0.016
14.2% < 0 < 85.8%
95% HDI
−0.023 0.054
0.0
0.2
0.4
0.6
μx − μy

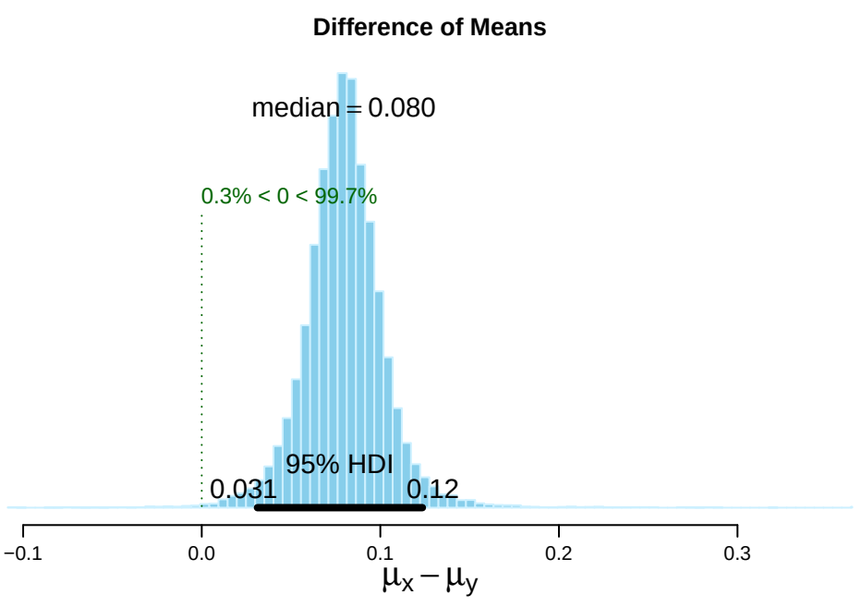

Effect Size
median = 0.73
14.2% < 0 < 85.8%
95% HDI
−0.64
2.1
−2
−1
0
1
2
3
4
5
(μx − μy)/√((σx² + σy²)/2)

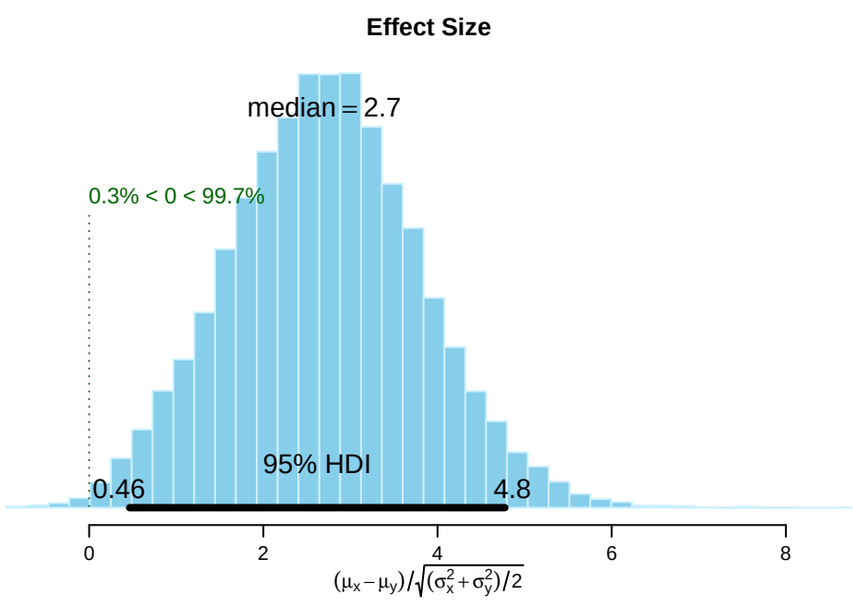

PGR_Generation2_control Mean
median = 1.2
95% HDI
1.2 1.2
0.9
1.0
1.1
1.2
1.3
μ_x

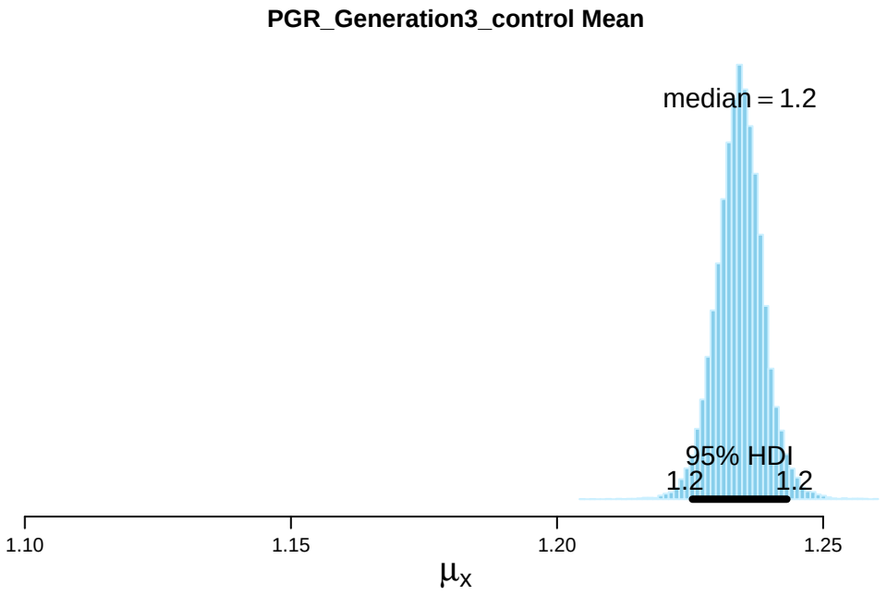

Data PGR_Generation2_control w. Post. Pred.
N = 10
Probability
0
5
10
15
20
25
30
1.10
1.15
1.20
1.25
PGR_Generation2_control

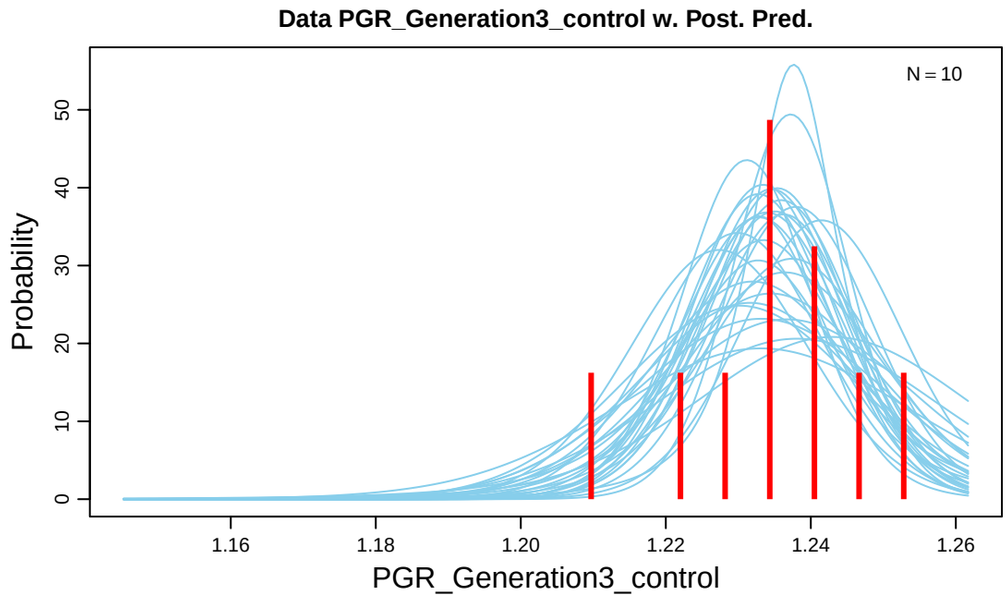

PGR_Generation2_100 Mean
median = 1.1
95% HDI
1.1 1.2
0.9
1.0
1.1
1.2
1.3
μ_y

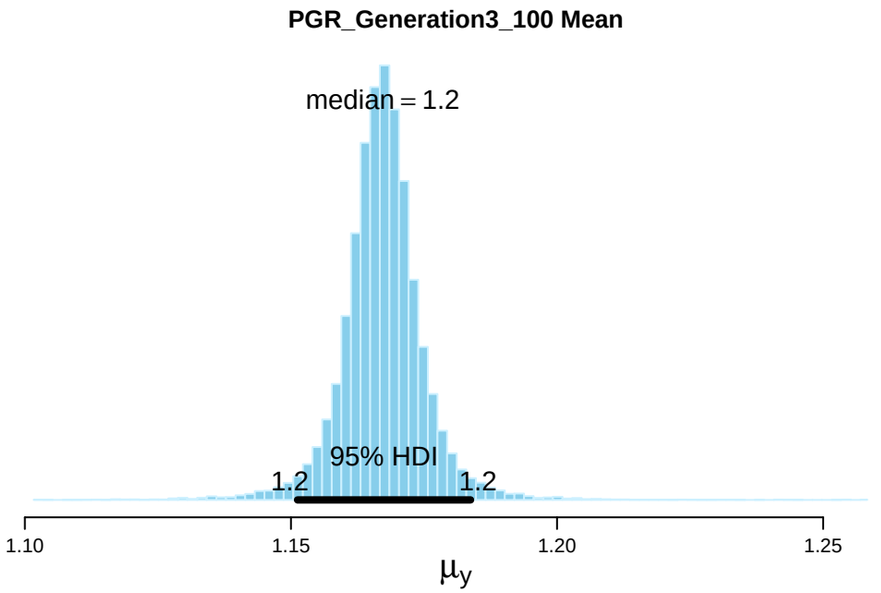

Data PGR_Generation2_100 w. Post. Pred.
N = 5
Probability
0
5
10
15
20
1.10
1.15
1.20
1.25
PGR_Generation2_100

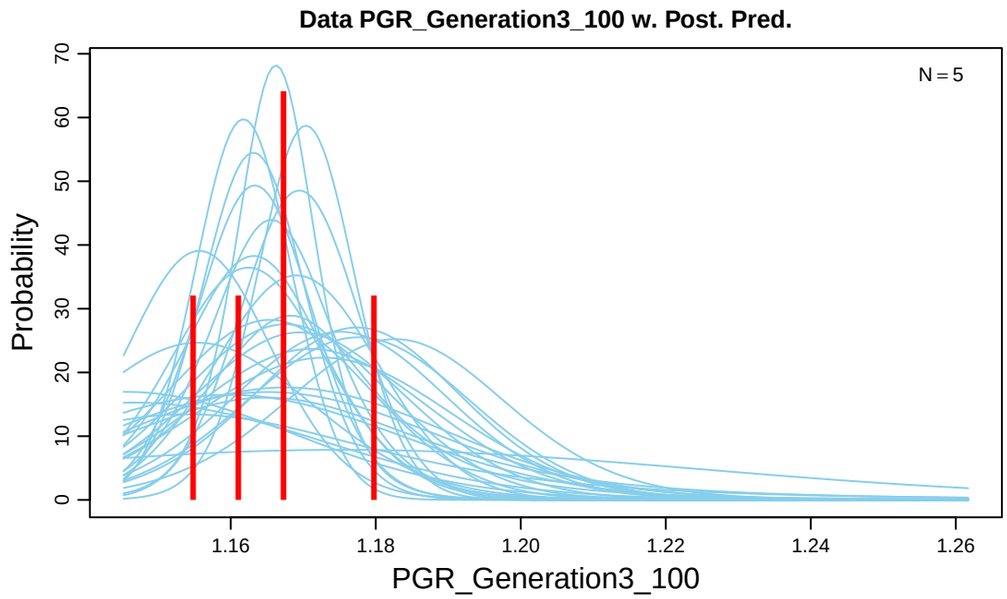

Difference of Means
median = 0.080
0.3% < 0 < 99.7%
95% HDI
0.031 0.12
−0.1
0.0
0.1
0.2
0.3
$\mu_x - \mu_y$

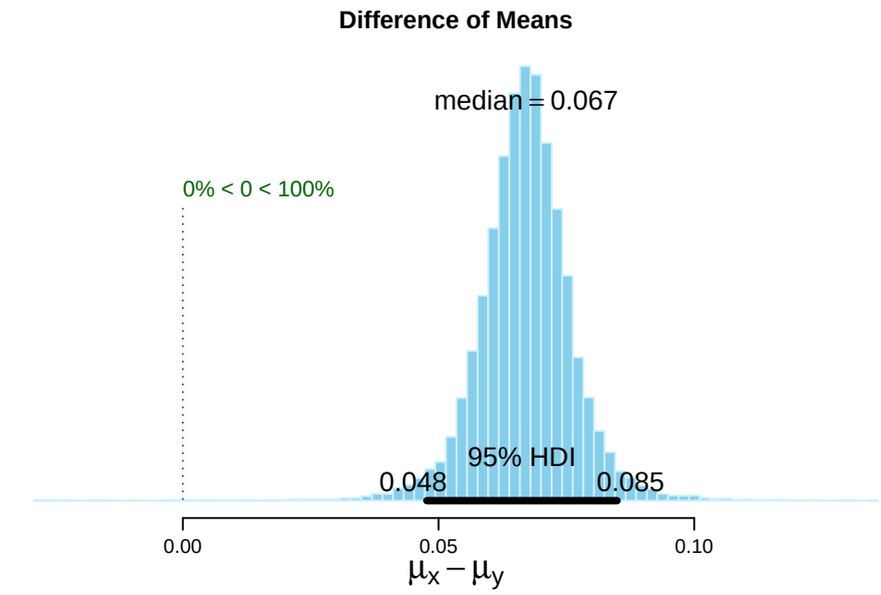

Effect Size
median = 2.7
0.3% < 0 < 99.7%
95% HDI
0.46 4.8
0
2
4
6
8
$(\mu_x - \mu_y)/\sqrt{(\sigma_x^2 + \sigma_y^2)/2}$

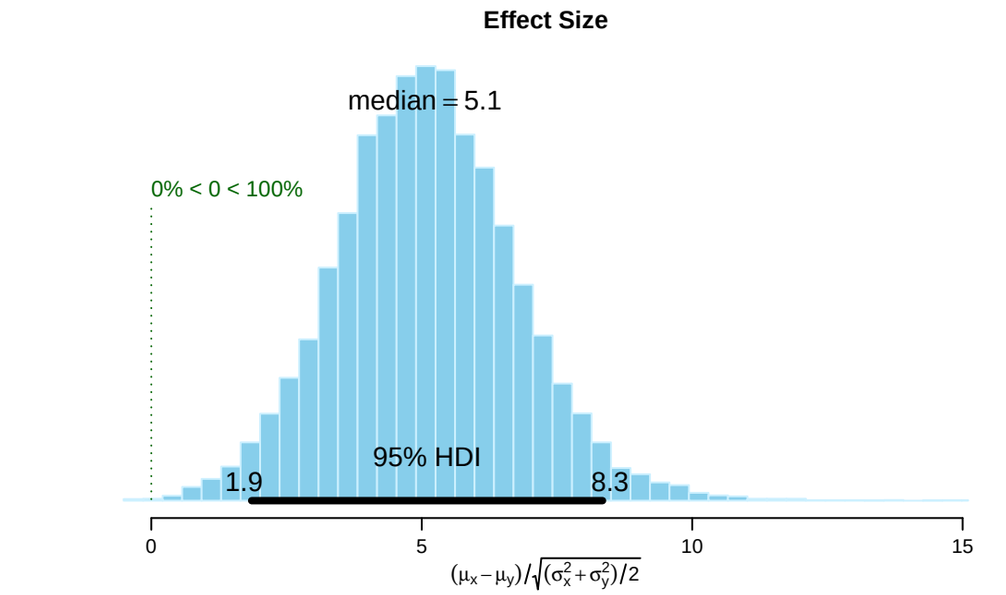

PGR_Generation3_control Mean
median = 1.2
95% HDI
1.2
1.2
1.10
1.15
1.20
1.25
μx

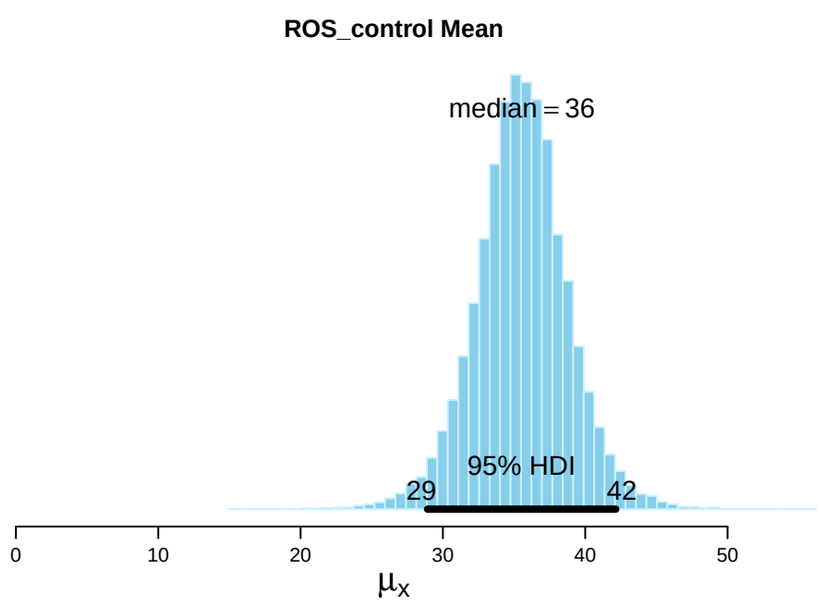

Data PGR_Generation3_control w. Post. Pred.
N = 10
Probability
0
10
20
30
40
50
1.16
1.18
1.20
1.22
1.24
1.26
PGR_Generation3_control

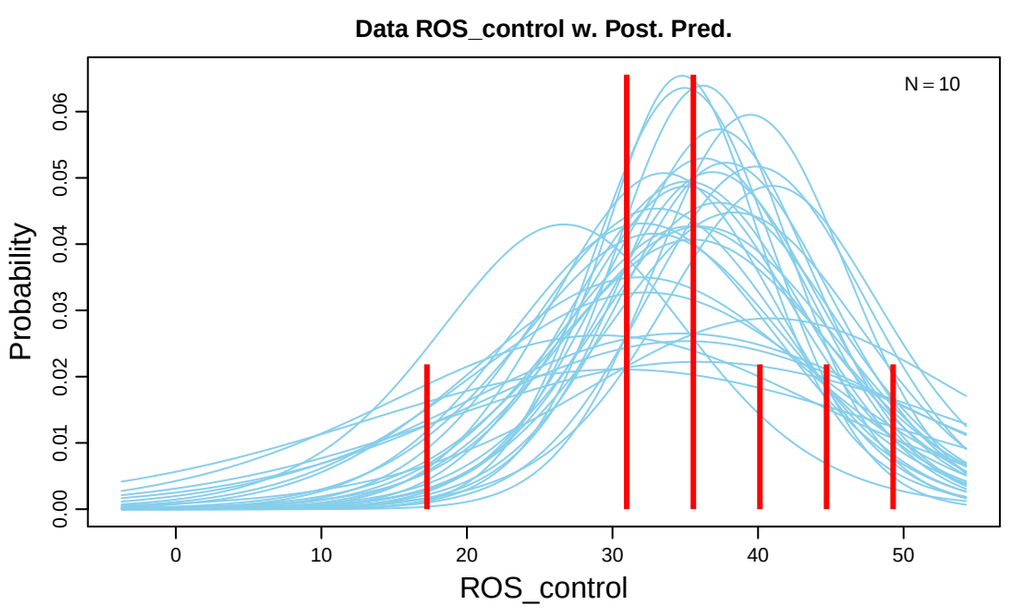

PGR_Generation3_100 Mean
median = 1.2
95% HDI
1.2
1.2
1.10
1.15
1.20
1.25
μy

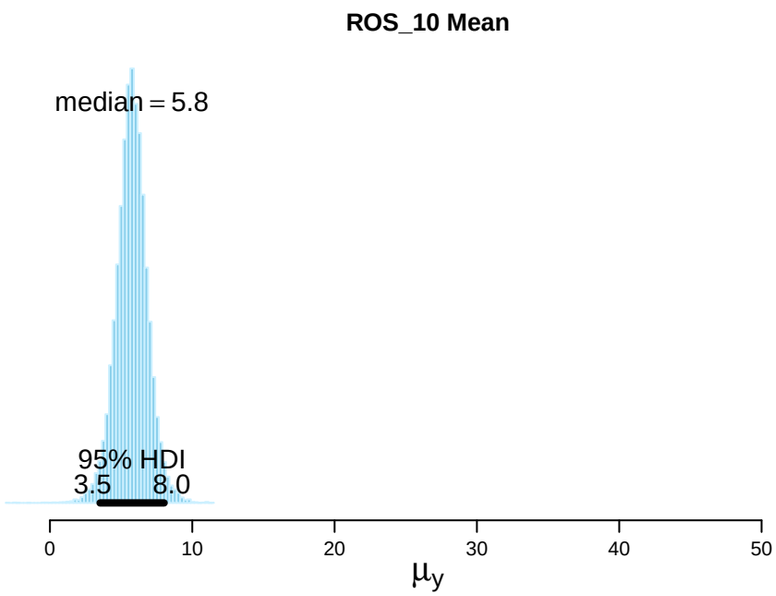

Data PGR_Generation3_100 w. Post. Pred.
N = 5
Probability
0
10
20
30
40
50
60
70
1.16
1.18
1.20
1.22
1.24
1.26
PGR_Generation3_100

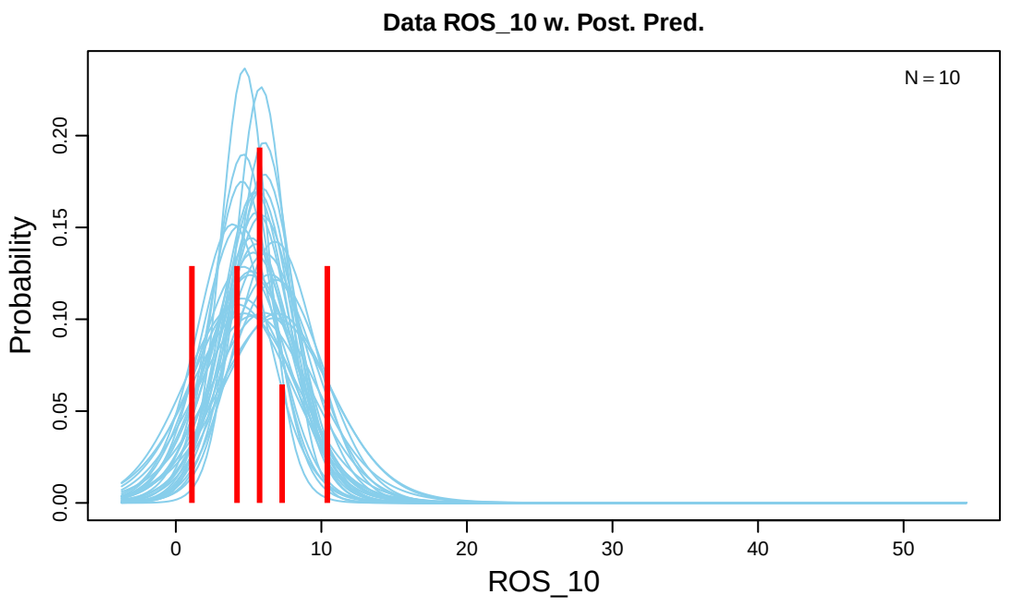

Difference of Means
median = 0.067
0% < 0 < 100%
95% HDI
0.048
0.085
0.00
0.05
0.10
μx − μy

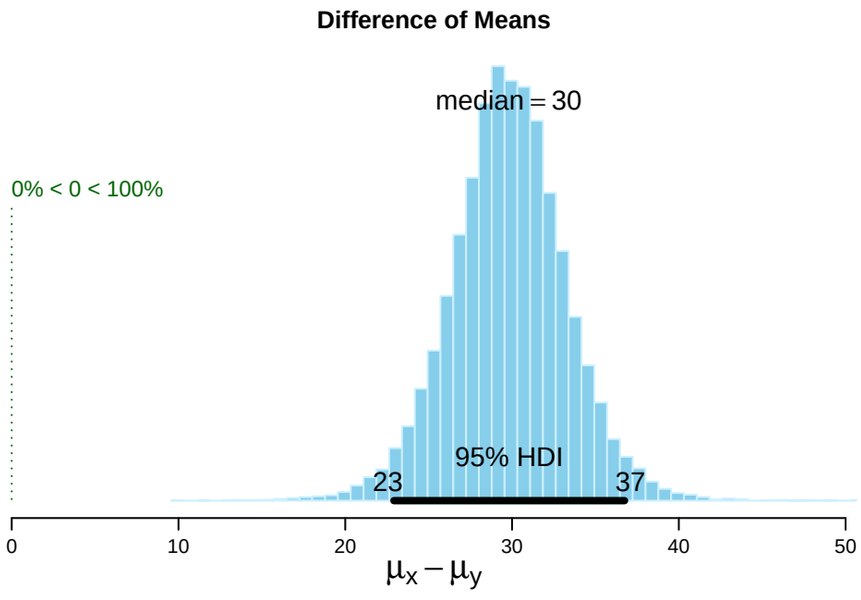

Effect Size
median = 5.1
0% < 0 < 100%
95% HDI
1.9
8.3
0
5
10
15
(μx − μy)/√((σx² + σy²)/2

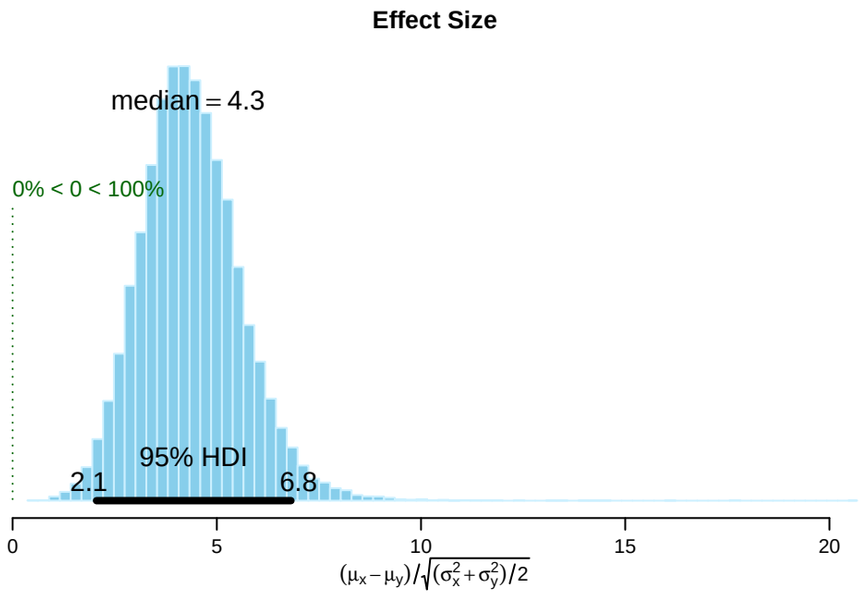

ROS_control Mean
median = 36
95% HDI
29
42
0
10
20
30
40
50
μ_x

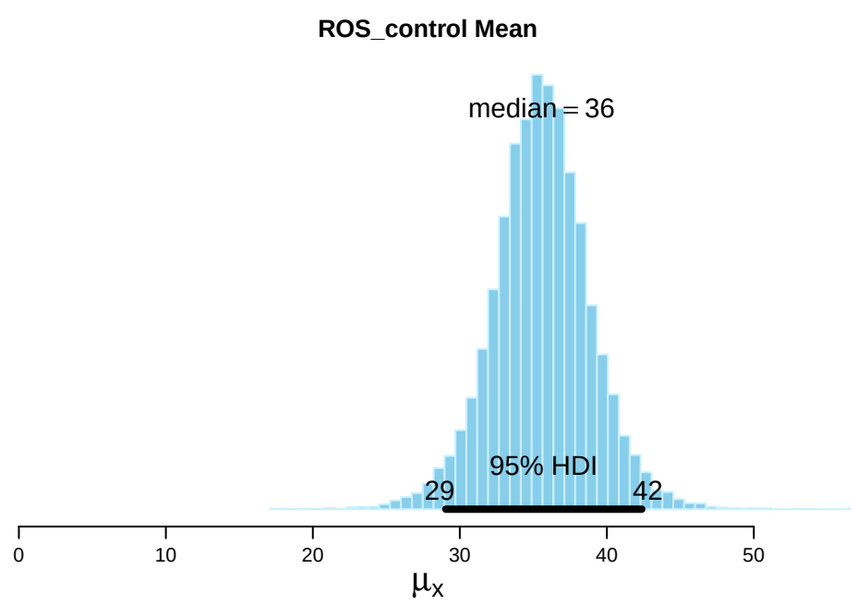

Data ROS_control w. Post. Pred.
N = 10
Probability
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0
10
20
30
40
50
ROS_control

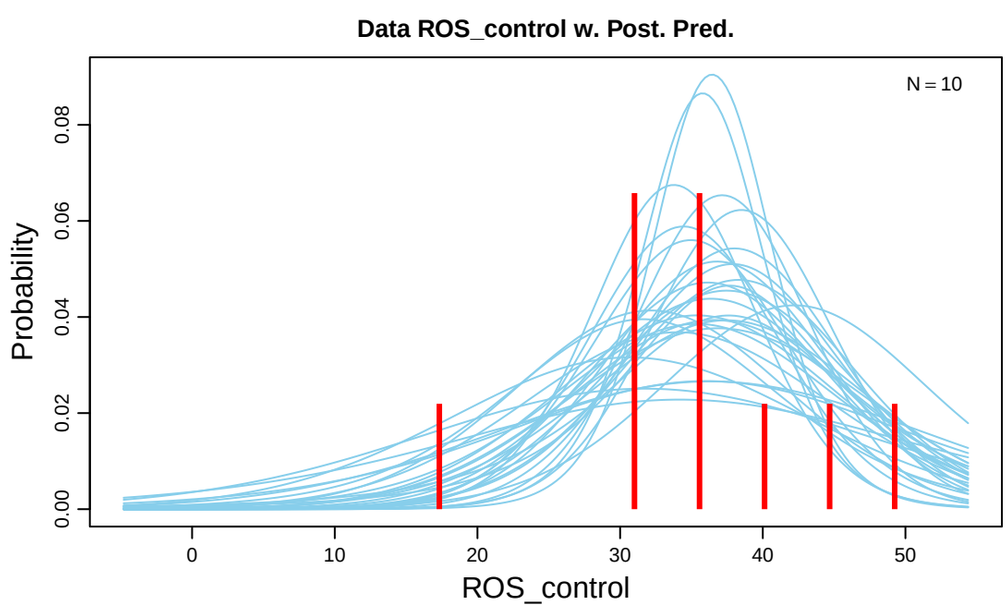

ROS_10 Mean
median = 5.8
95% HDI
3.5
8.0
0
10
20
30
40
50
μ_y

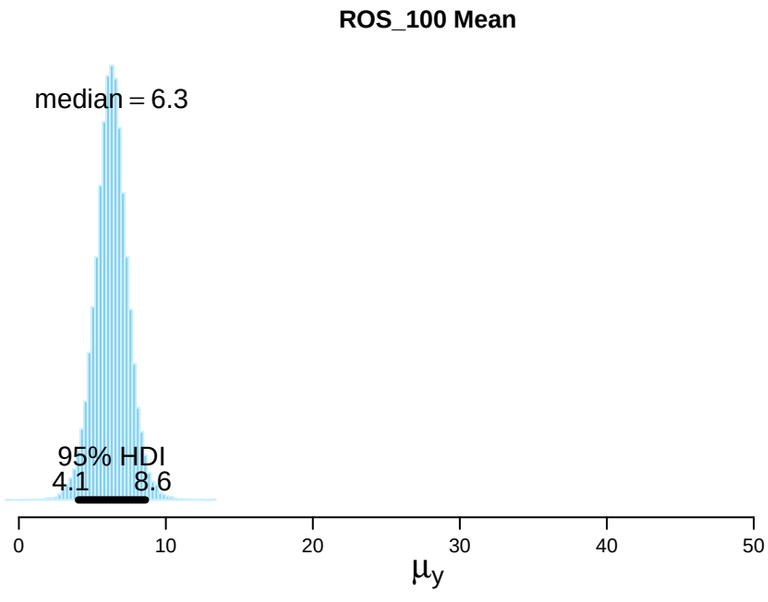

Data ROS_10 w. Post. Pred.
N = 10
Probability
0.00
0.05
0.10
0.15
0.20
0
10
20
30
40
50
ROS_10

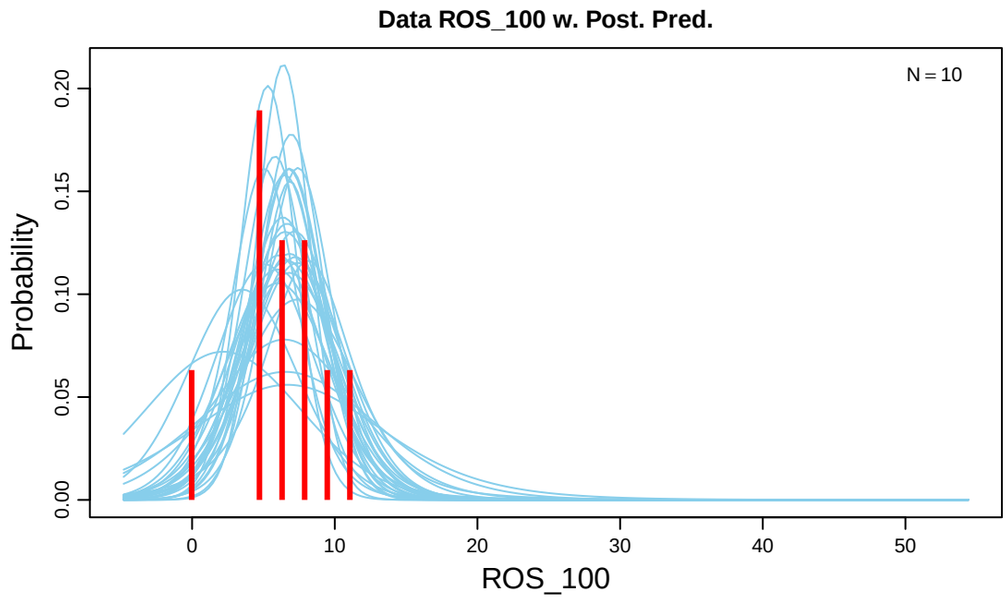

Difference of Means
median = 30
0% < 0 < 100%
95% HDI
23
37
0
10
20
30
40
50
$\mu_x - \mu_y$

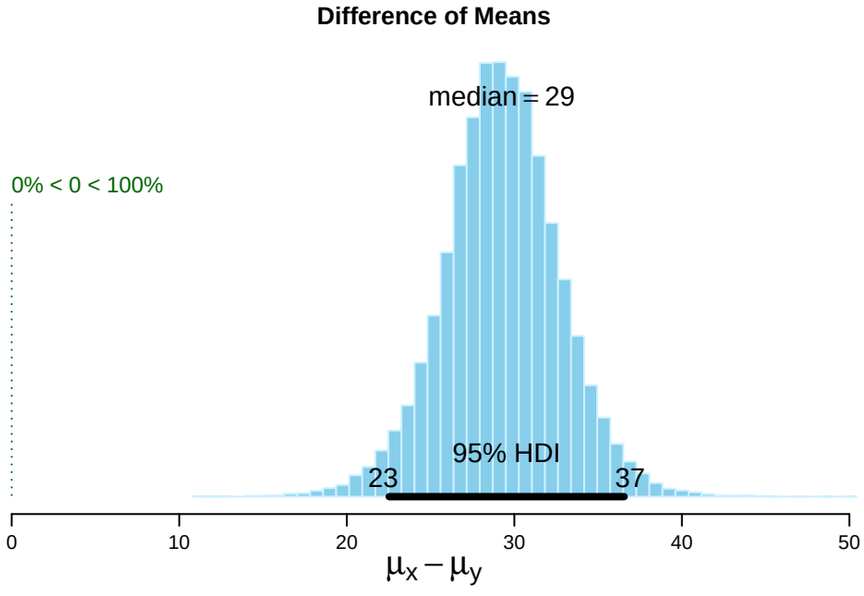

Effect Size
median = 4.3
0% < 0 < 100%
95% HDI
2.1
6.8
0
5
10
15
20
$(\mu_x - \mu_y)/\sqrt{(\sigma_x^2 + \sigma_y^2)/2}$

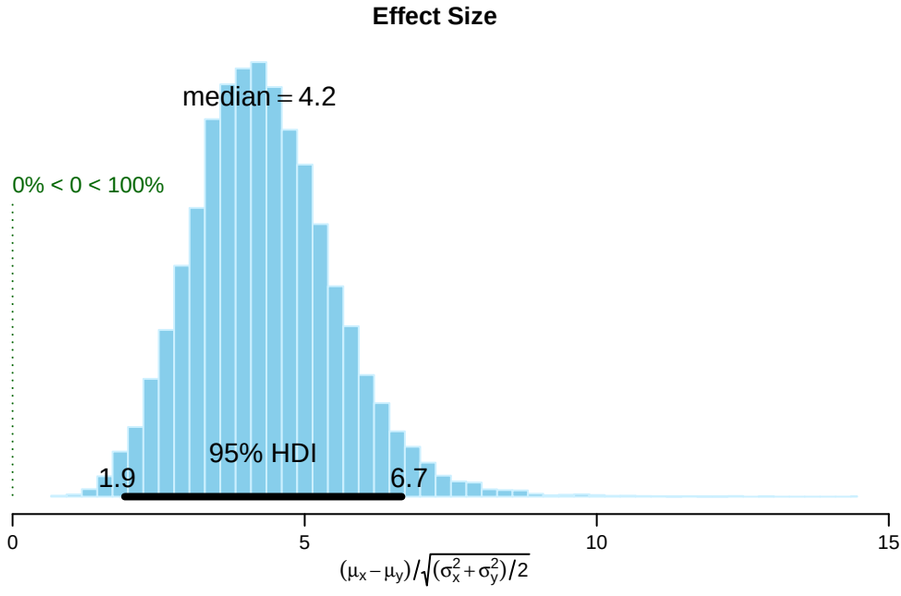

ROS_control Mean
median = 36
95% HDI
29
42
0
10
20
30
40
50
μ_x

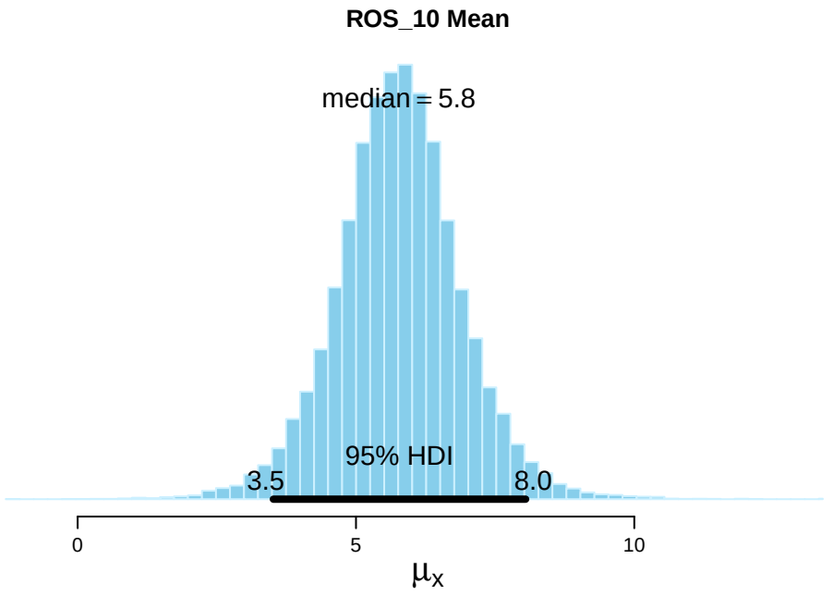

Data ROS_control w. Post. Pred.
N = 10
Probability
0.00
0.02
0.04
0.06
0.08
0
10
20
30
40
50
ROS_control

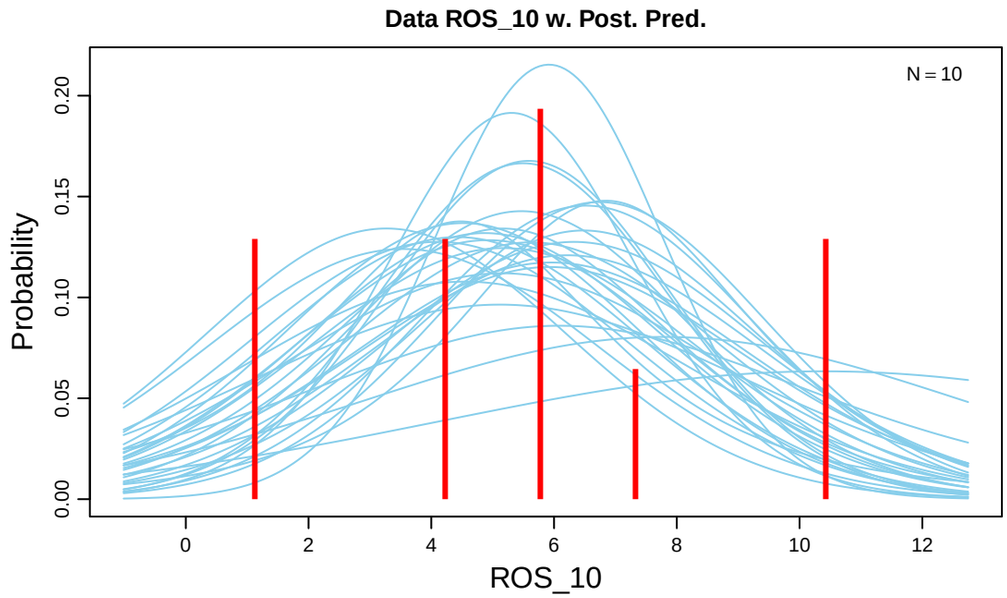

ROS_100 Mean
median = 6.3
95% HDI
4.1
8.6
0
10
20
30
40
50
μ_y

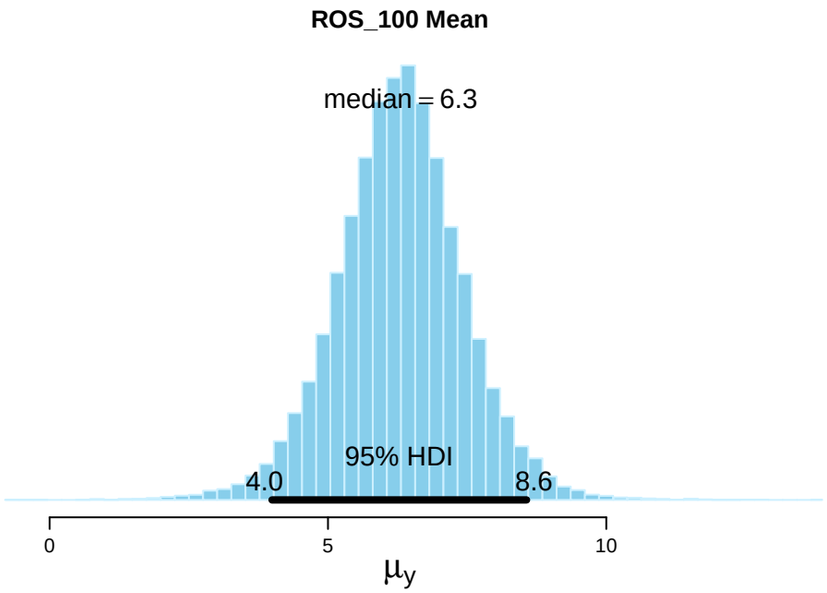

Data ROS_100 w. Post. Pred.
N = 10
Probability
0.00
0.05
0.10
0.15
0.20
0
10
20
30
40
50
ROS_100

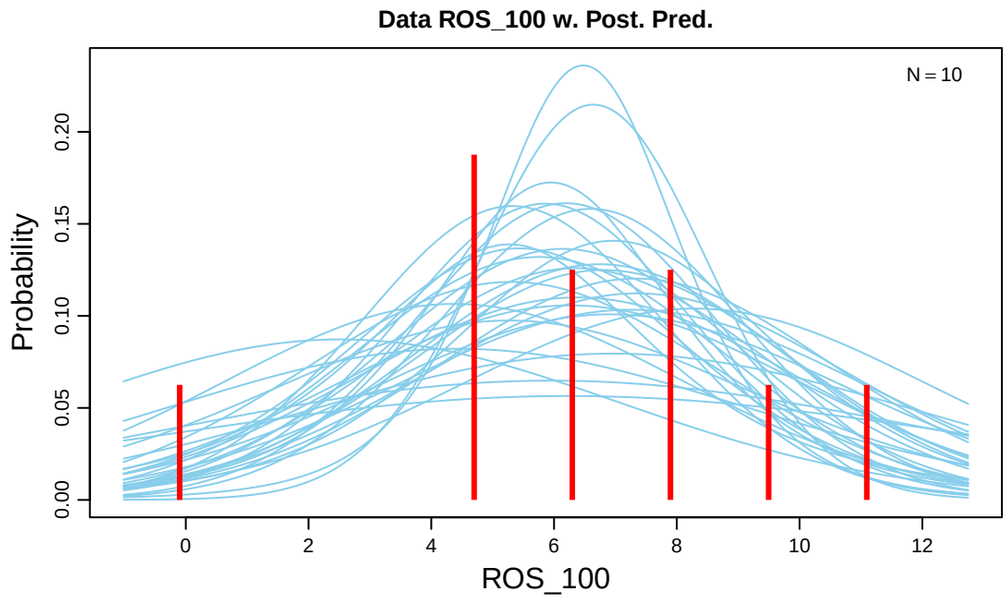

Difference of Means
median = 29
0% < 0 < 100%
95% HDI
23
37
0
10
20
30
40
50
$\mu_x - \mu_y$

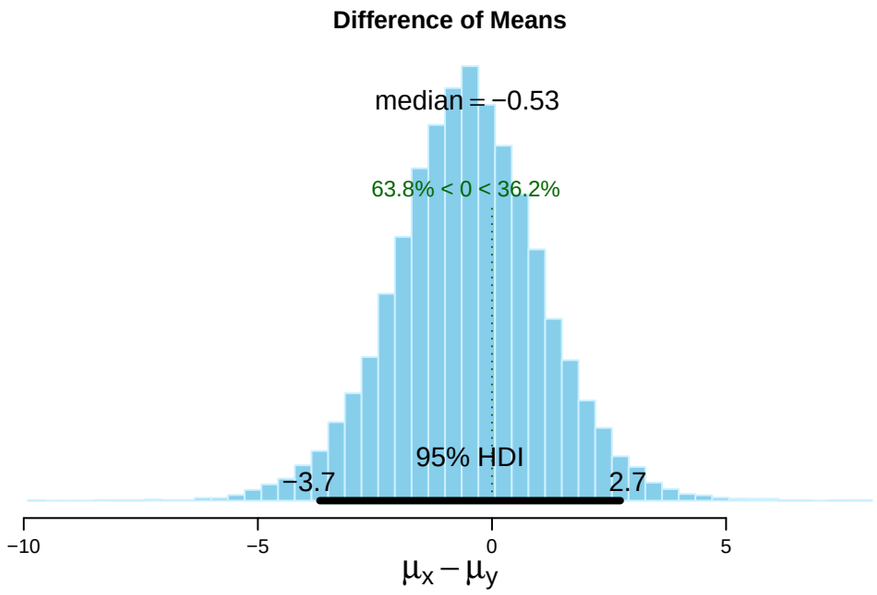

Effect Size
median = 4.2
0% < 0 < 100%
95% HDI
1.9
6.7
0
5
10
15
$(\mu_x - \mu_y)/\sqrt{(\sigma_x^2 + \sigma_y^2)/2}$

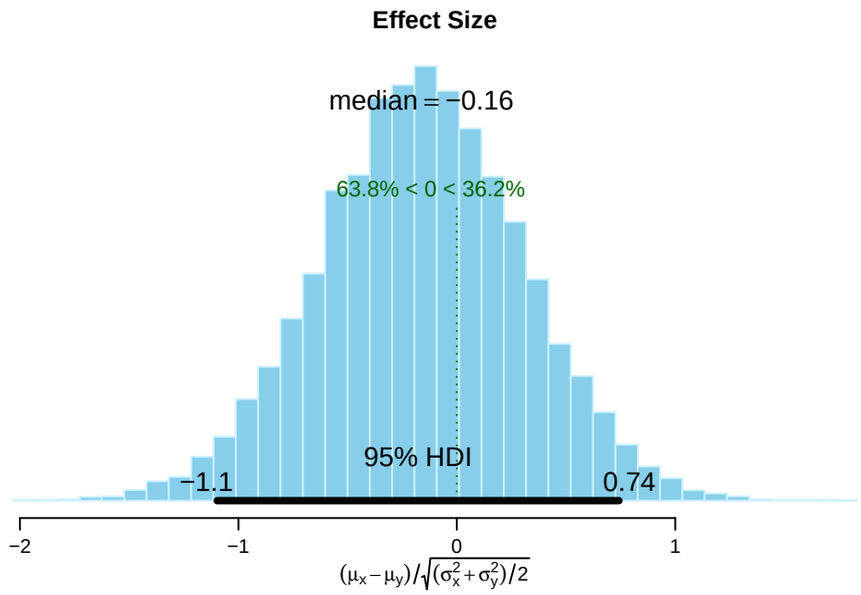

ROS_10 Mean
median = 5.8
95% HDI
3.5
8.0
0
5
10
μ_x


Data ROS_10 w. Post. Pred.
N = 10
Probability
0.00
0.05
0.10
0.15
0.20
0
2
4
6
8
10
12
ROS_10


ROS_100 Mean
median = 6.3
95% HDI
4.0
8.6
0
5
10
μ_y


Data ROS_100 w. Post. Pred.
N = 10
Probability
0.00
0.05
0.10
0.15
0.20
0
2
4
6
8
10
12
ROS_100


Difference of Means
median = −0.53
63.8% < 0 < 36.2%
95% HDI
−3.7
2.7
−10
−5
0
5
$\mu_x - \mu_y$


Effect Size
median = −0.16
63.8% < 0 < 36.2%
95% HDI
−1.1
0.74
−2
−1
0
1
$(\mu_x - \mu_y)/\sqrt{(\sigma_x^2 + \sigma_y^2)/2}$