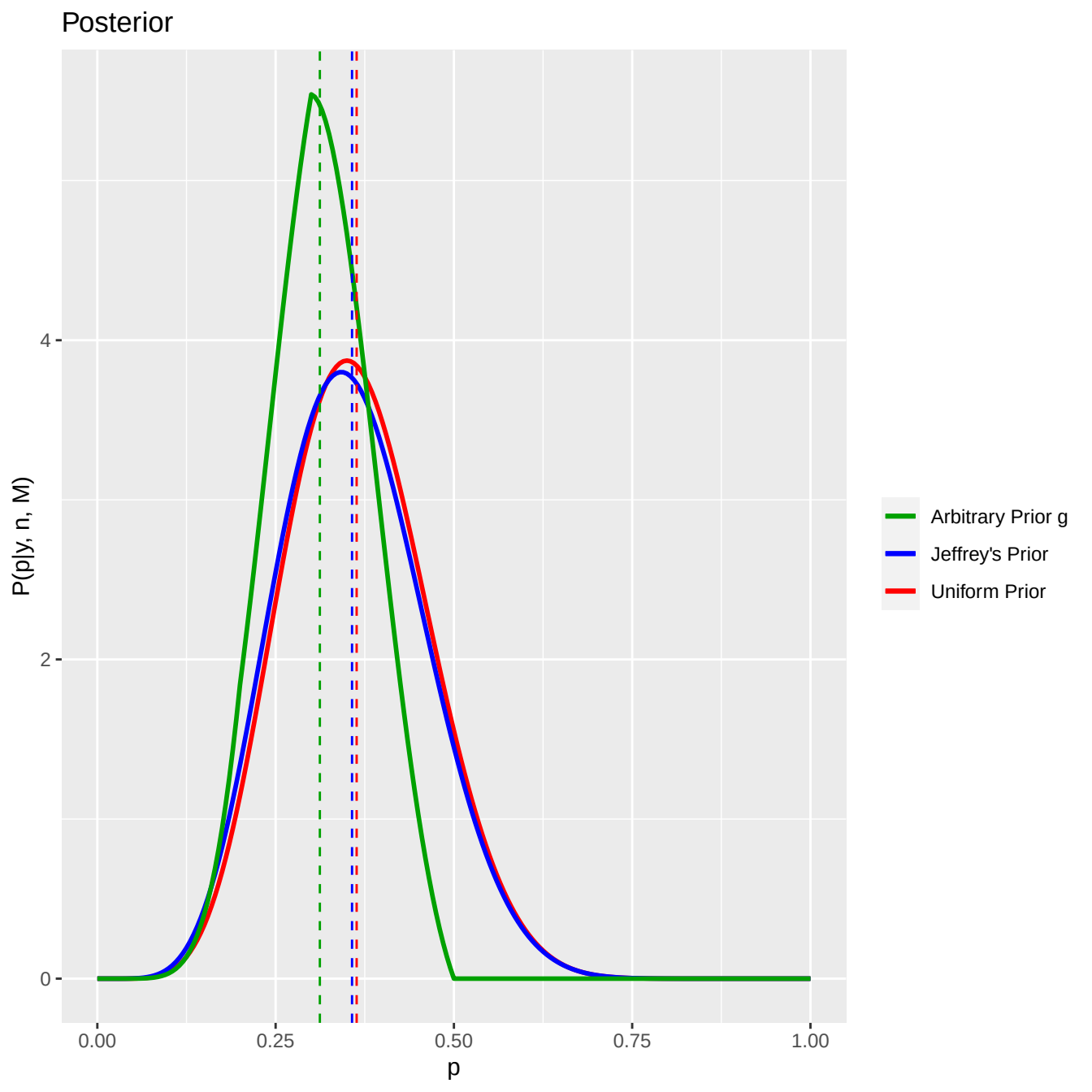
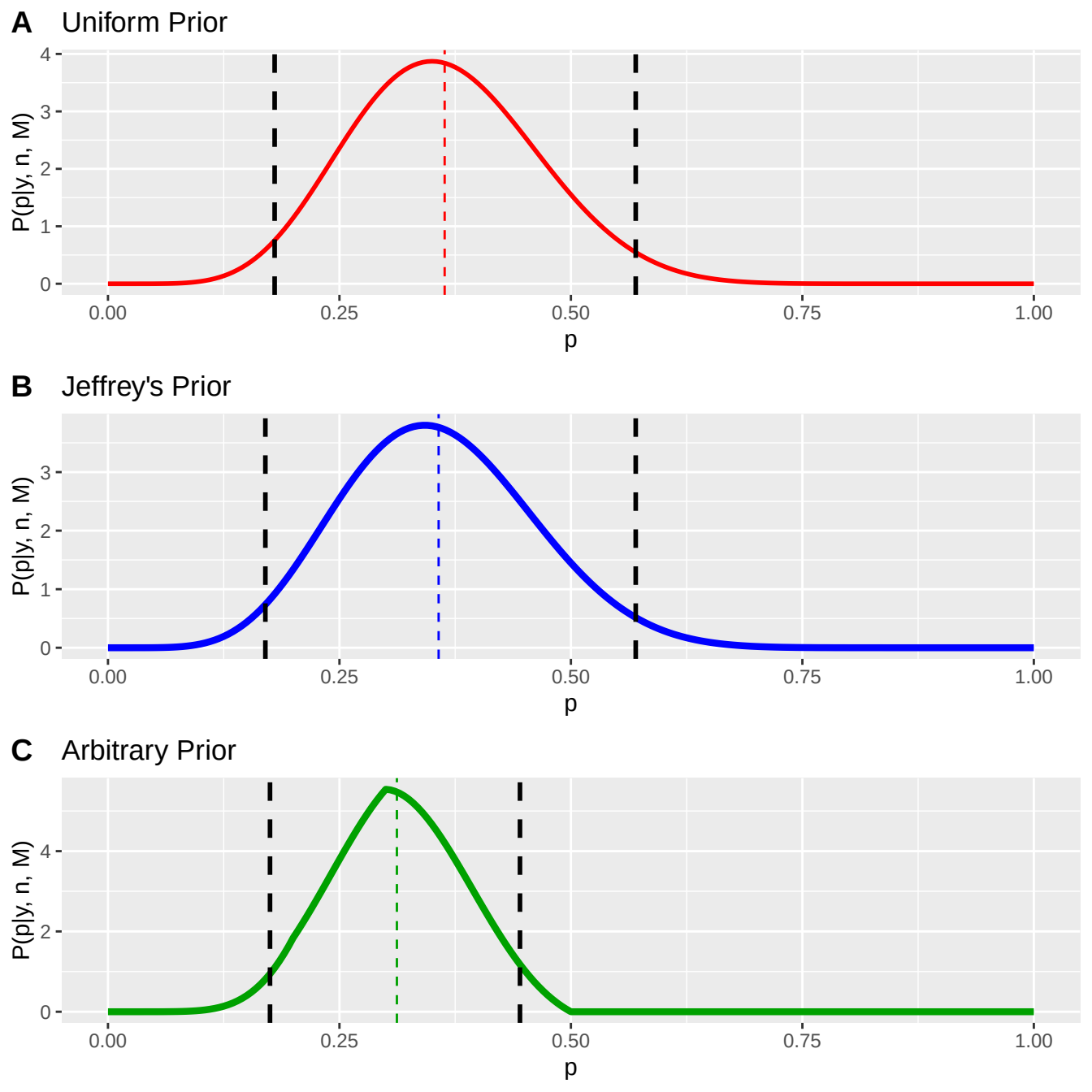
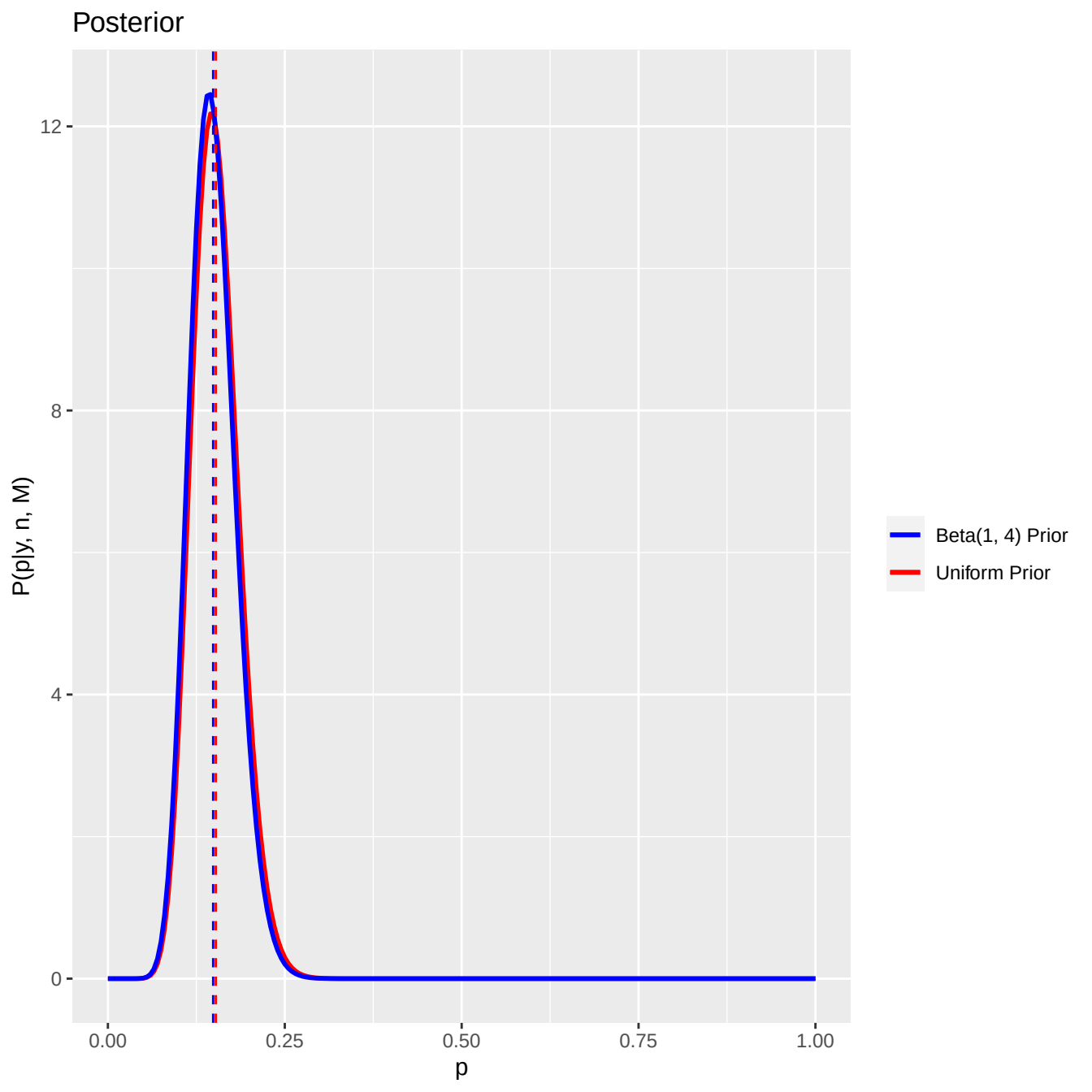
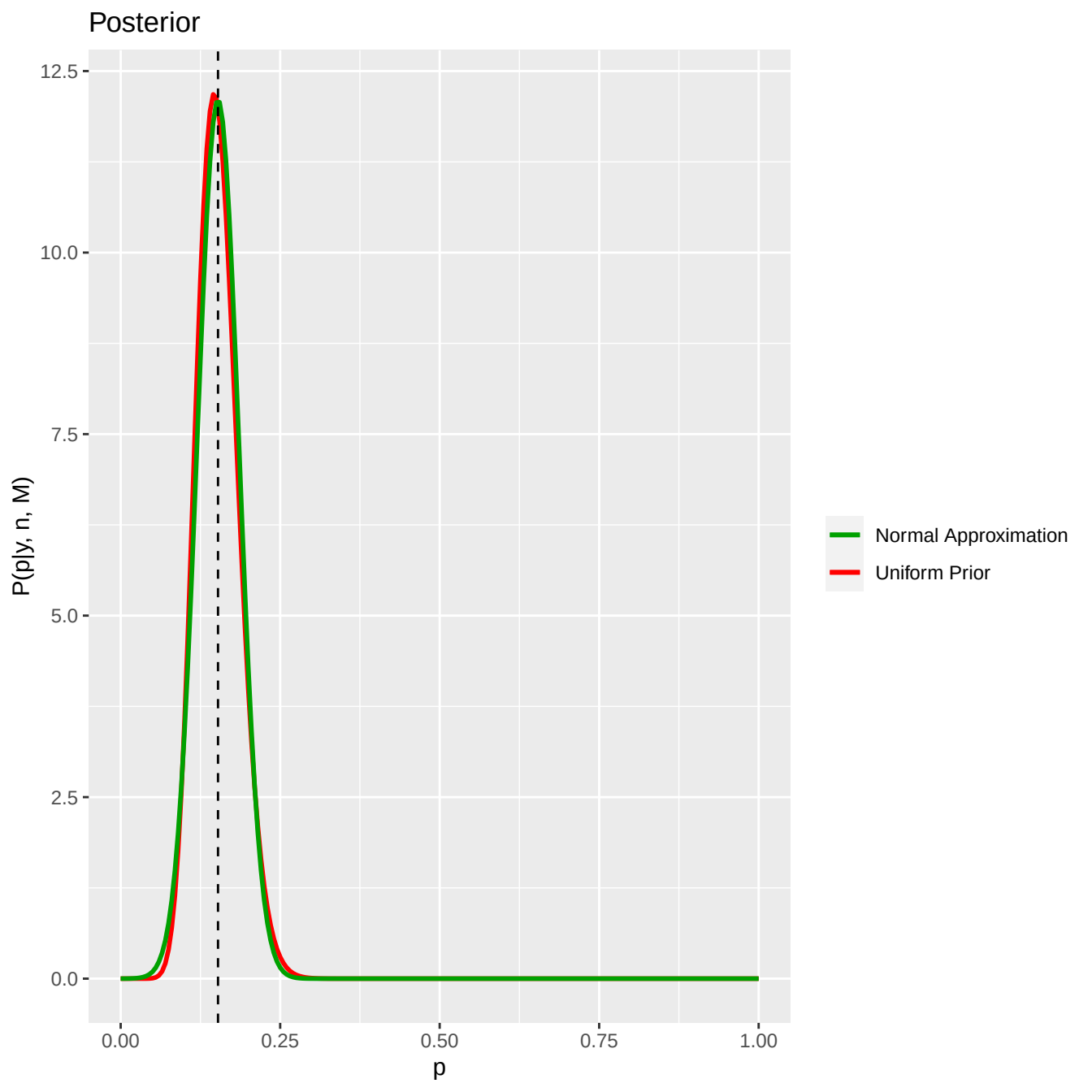

Posterior
P(p|y, n, M)
4
2
0
0.00
0.25
0.50
0.75
1.00
p
Arbitrary Prior g
Jeffrey's Prior
Uniform Prior

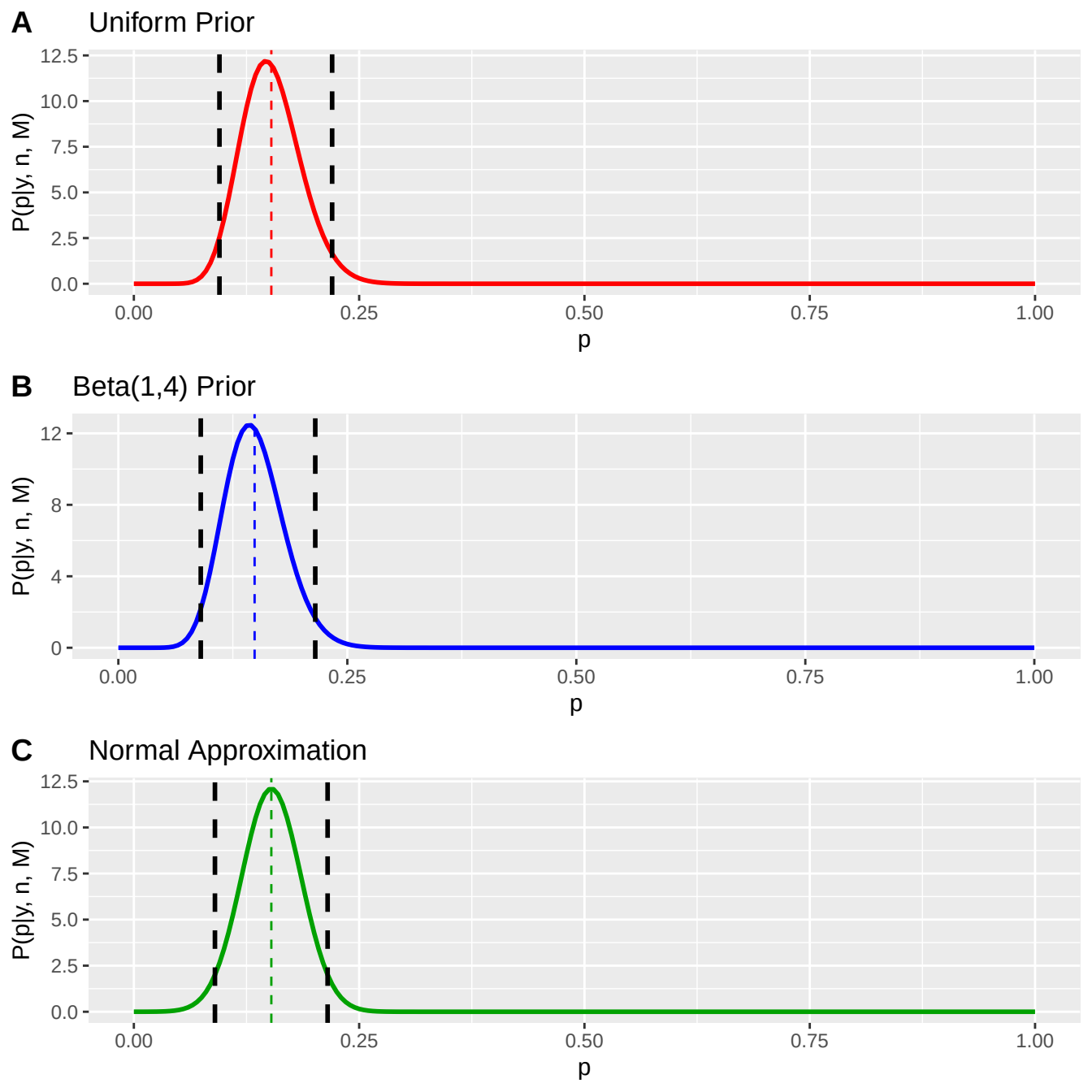
	Uniform P.	Jeffrey's P.	Arbitrary P. g
Mean	0.364	0.357	0.312
Var	0.01	0.01	0.005
95% C.I. Left	0.18	0.17	0.175
95% C.I. Right	0.57	0.57	0.445

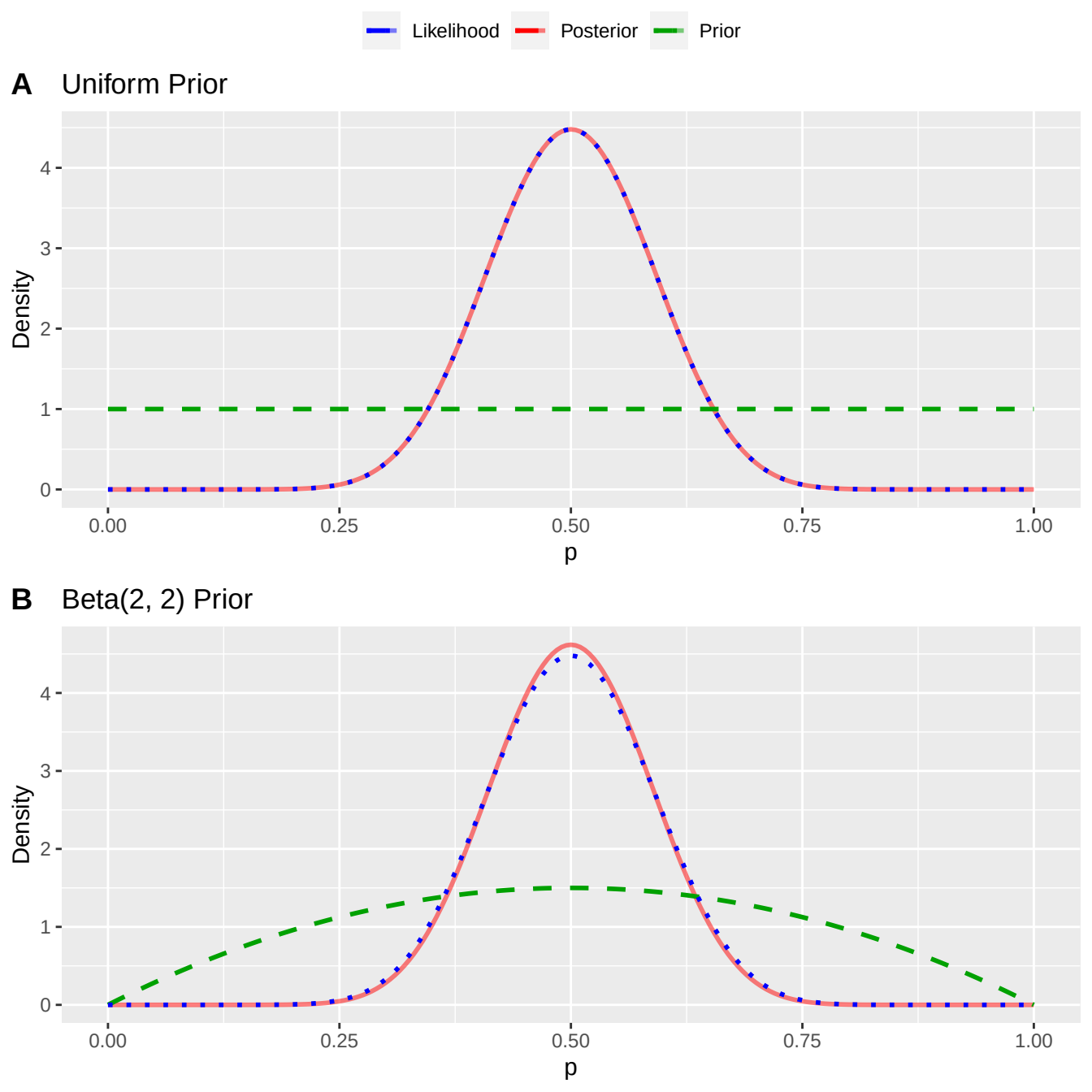

A
Uniform Prior
P(p|y, n, M)
p
B
Jeffrey's Prior
P(p|y, n, M)
p
C
Arbitrary Prior
P(p|y, n, M)
p


Posterior
12
8
4
0
P(p|y, n, M)
0.00
0.25
0.50
0.75
1.00
p
Beta(1, 4) Prior
Uniform Prior

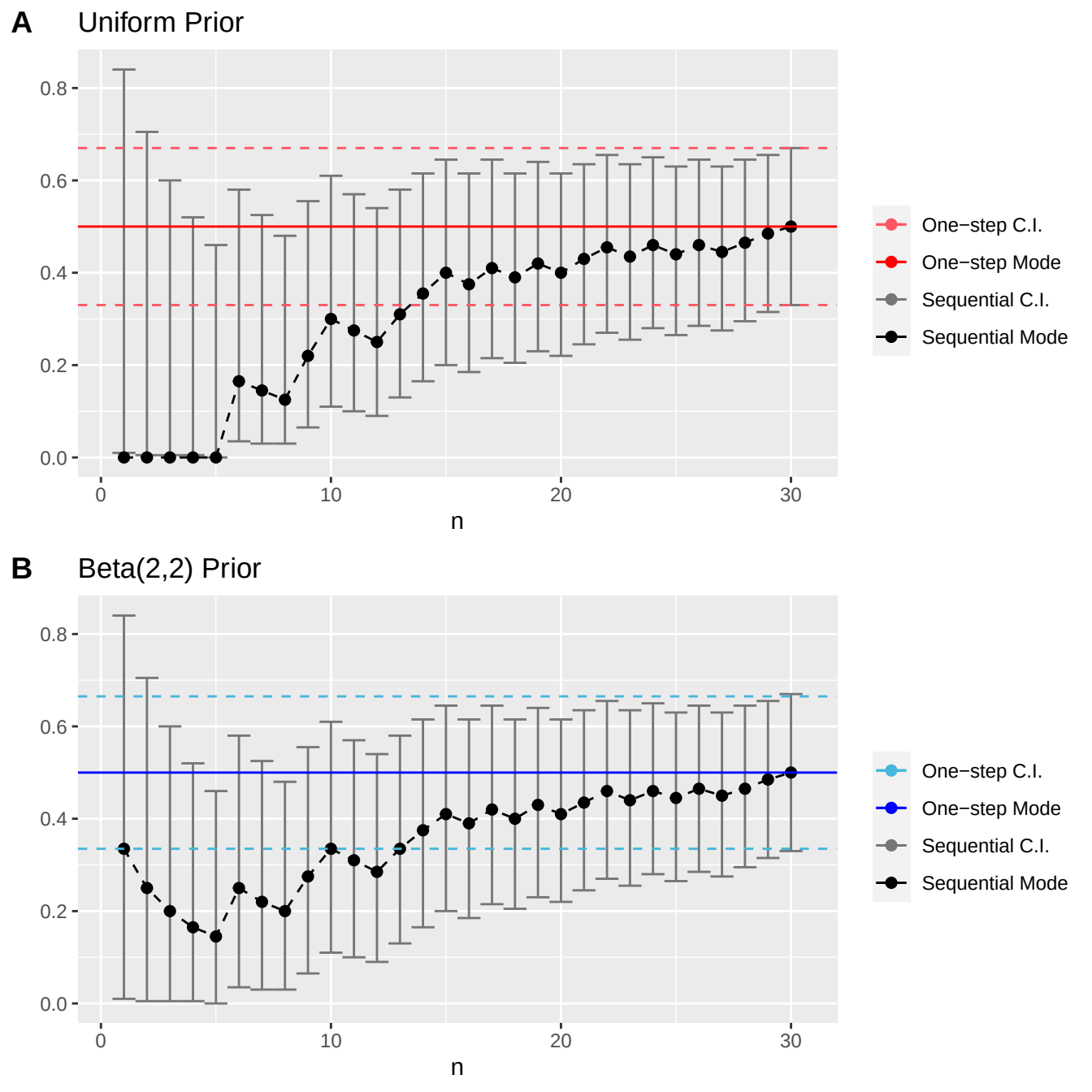

Posterior
12.5
10.0
7.5
5.0
2.5
0.0
P(p|y, n, M)
0.00
0.25
0.50
0.75
1.00
p
Normal Approximation
Uniform Prior

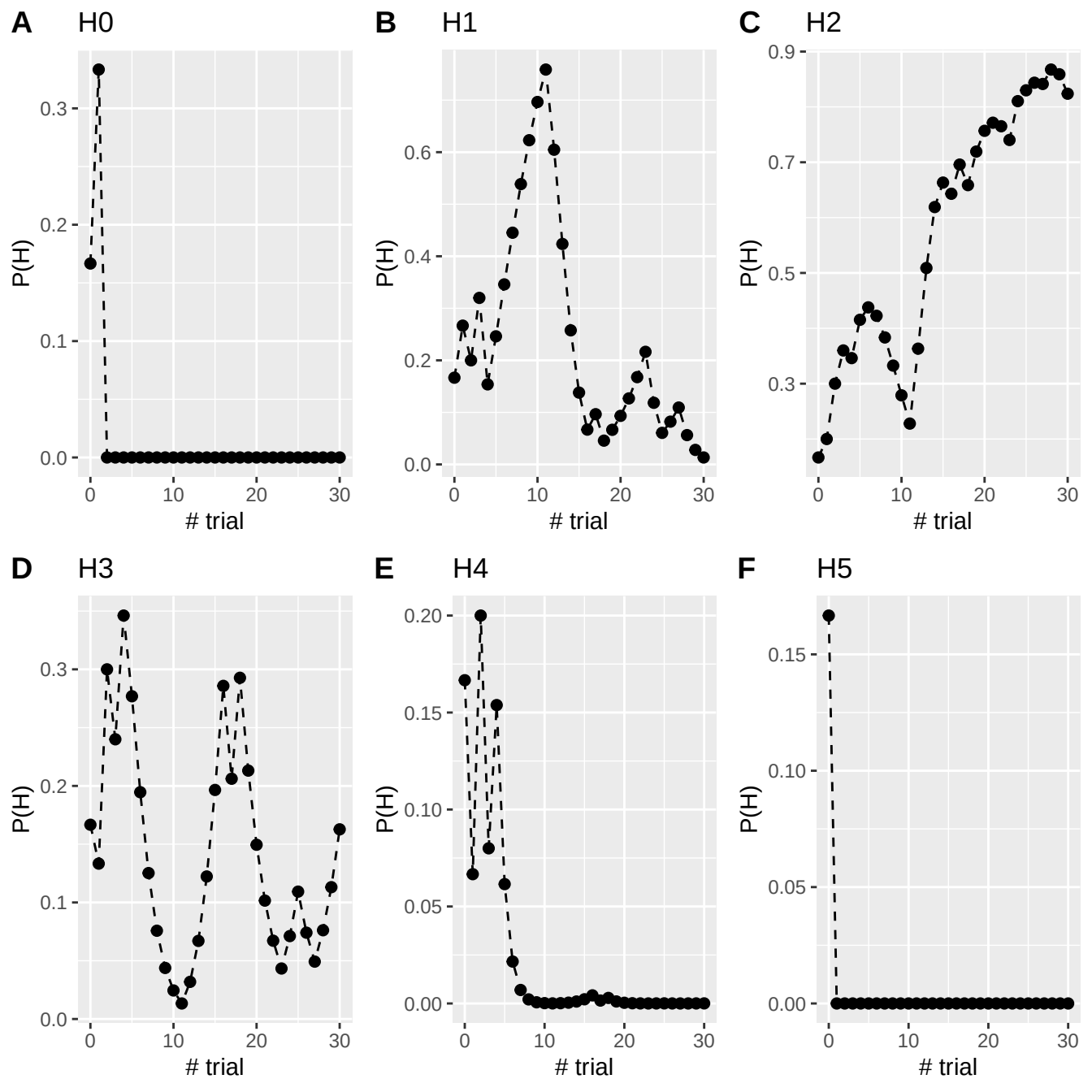
	Uniform P.	Beta(1,4) P.	Normal Approximation
Mean	0.153	0.149	0.153
Var	0.001	0.001	0.001
95% C.I. Left	0.095	0.09	0.09
95% C.I. Right	0.22	0.215	0.215


A
Uniform Prior
P(p|y, n, M)
12.5
10.0
7.5
5.0
2.5
0.0
0.00
0.25
0.50
0.75
1.00
p
B
Beta(1,4) Prior
P(p|y, n, M)
12
8
4
0
0.00
0.25
0.50
0.75
1.00
p
C
Normal Approximation
P(p|y, n, M)
12.5
10.0
7.5
5.0
2.5
0.0
0.00
0.25
0.50
0.75
1.00
p


Likelihood
Posterior
Prior
A
Uniform Prior
Density
4
3
2
1
0
0.00
0.25
0.50
0.75
1.00
p
B
Beta(2, 2) Prior
Density
4
3
2
1
0
0.00
0.25
0.50
0.75
1.00
p

	Uniform P.	Beta(2,2) P.
Mode	0.5	0.5
95% C.I. Left	0.33	0.335
95% C.I. Right	0.67	0.665


A
Uniform Prior
0.8
0.6
0.4
0.2
0.0
0
10
20
30
n
One−step C.I.
One−step Mode
Sequential C.I.
Sequential Mode
B
Beta(2,2) Prior
0.8
0.6
0.4
0.2
0.0
0
10
20
30
n
One−step C.I.
One−step Mode
Sequential C.I.
Sequential Mode


A
H0
B
H1
C
H2
D
H3
E
H4
F
H5
P(H)
# trial