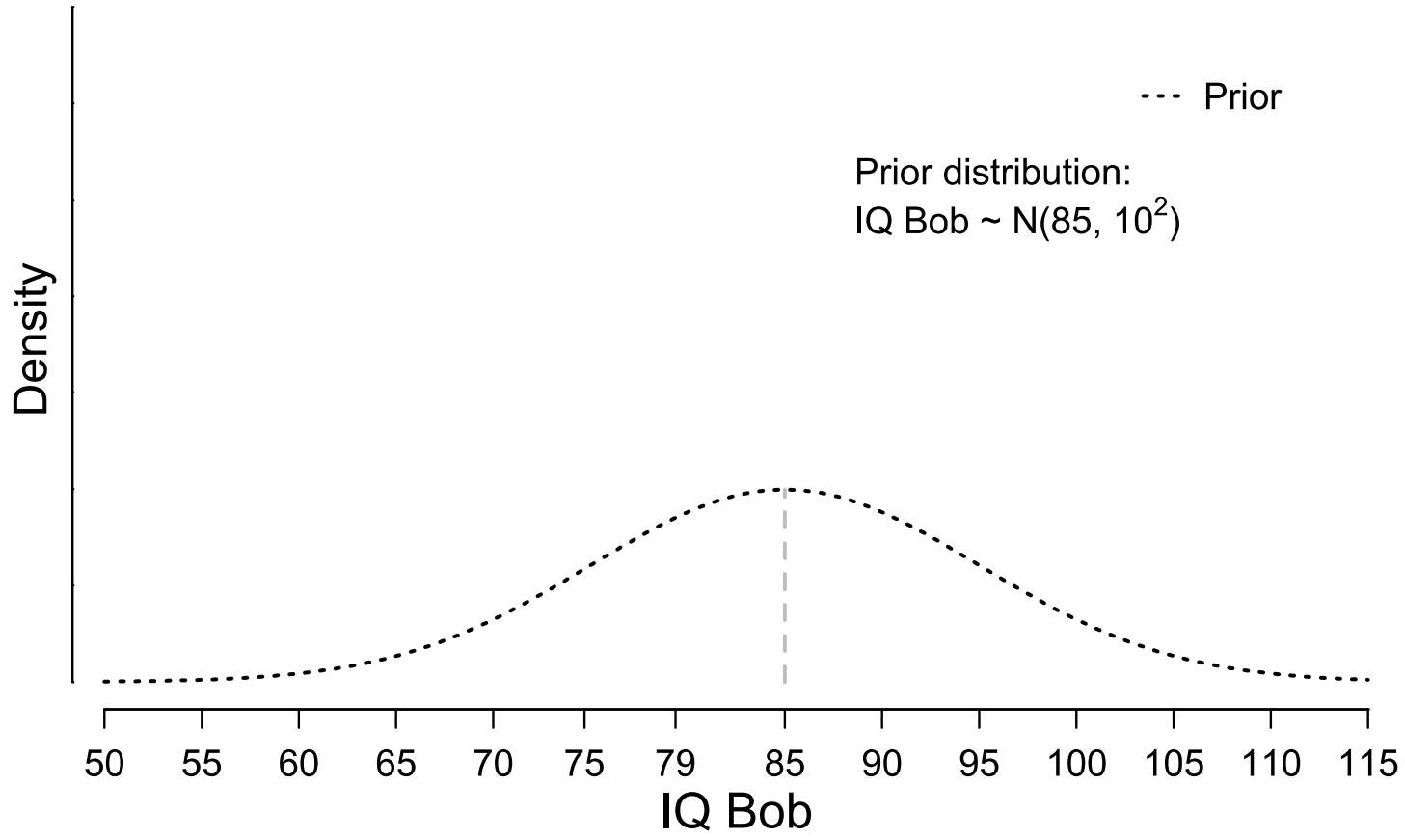
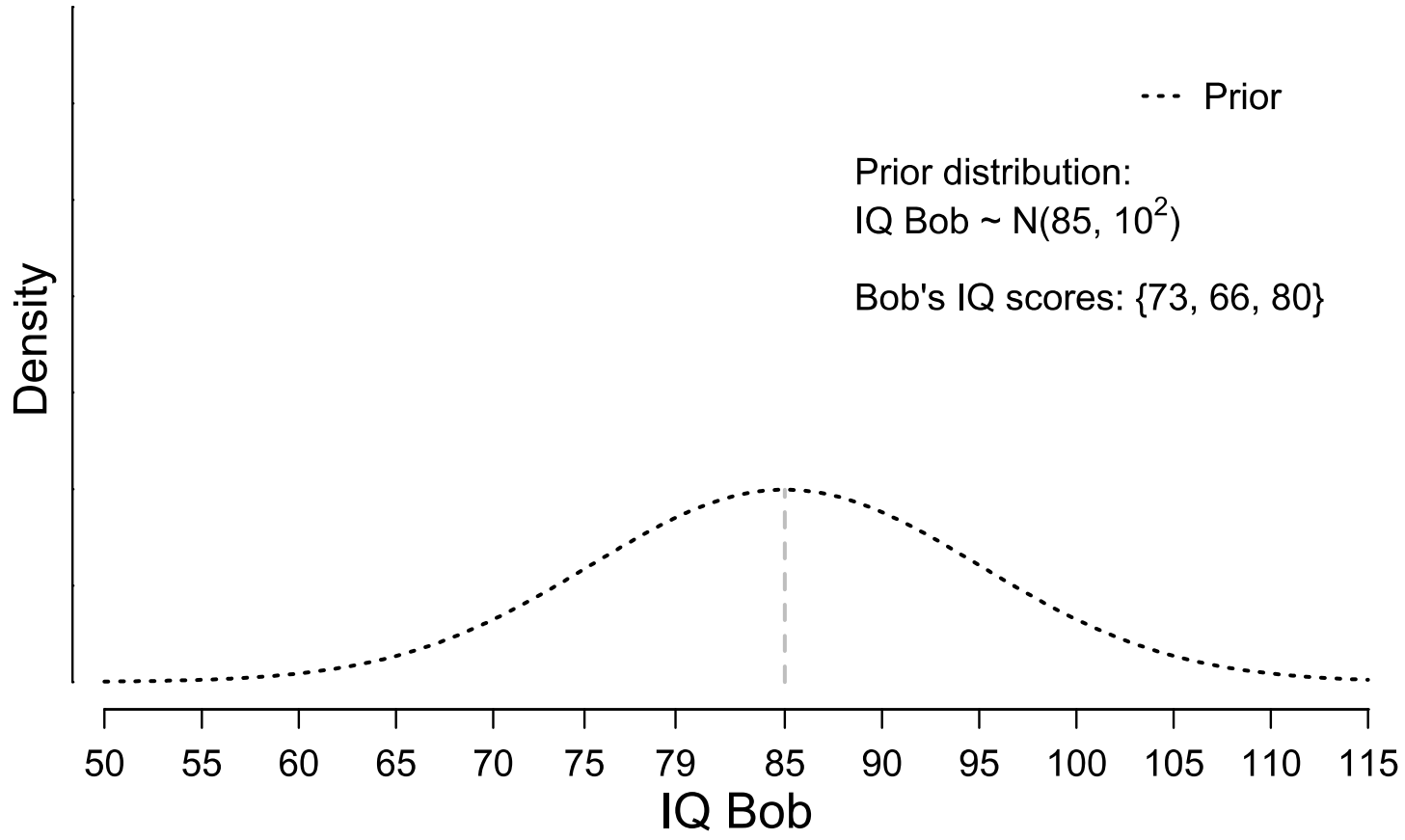
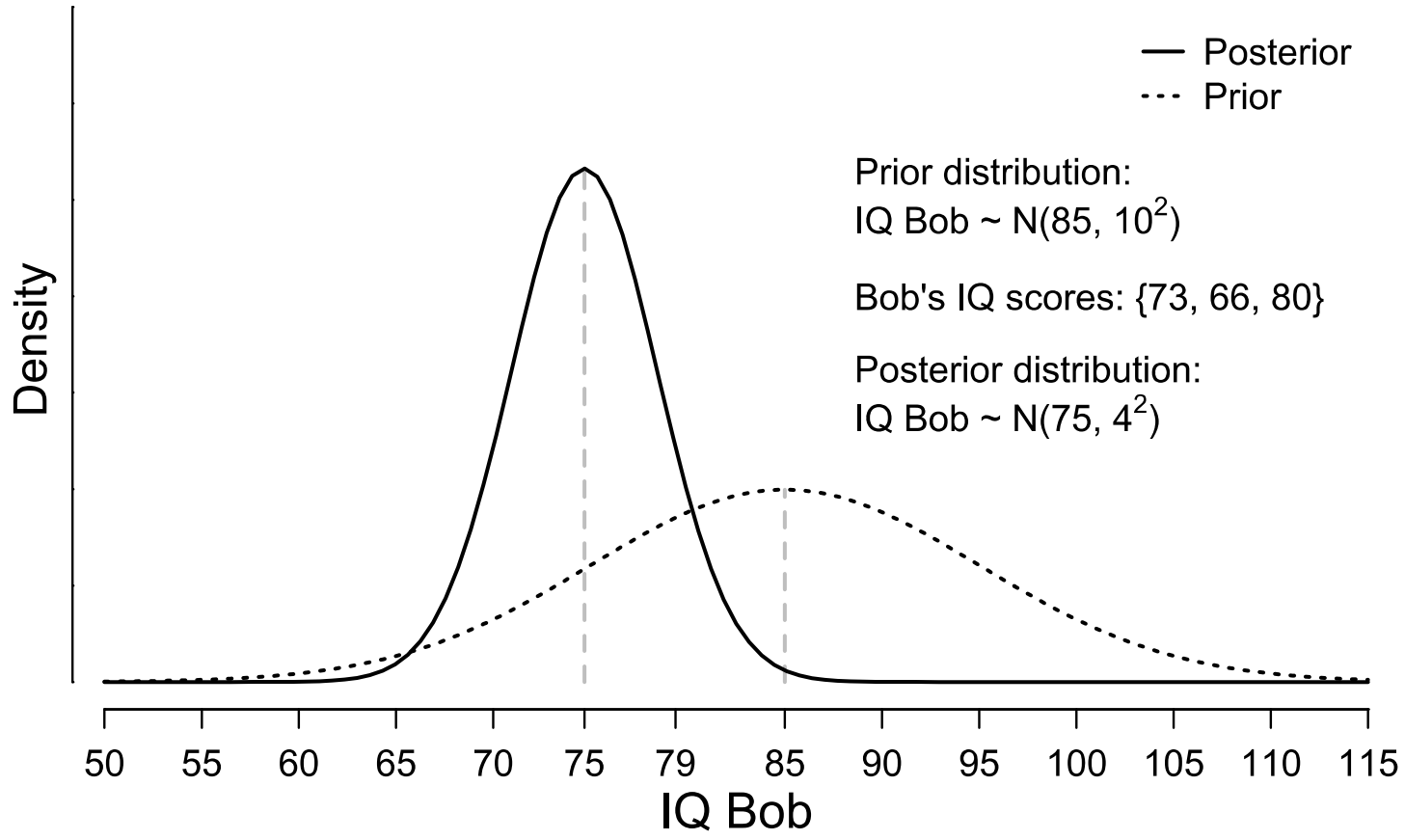
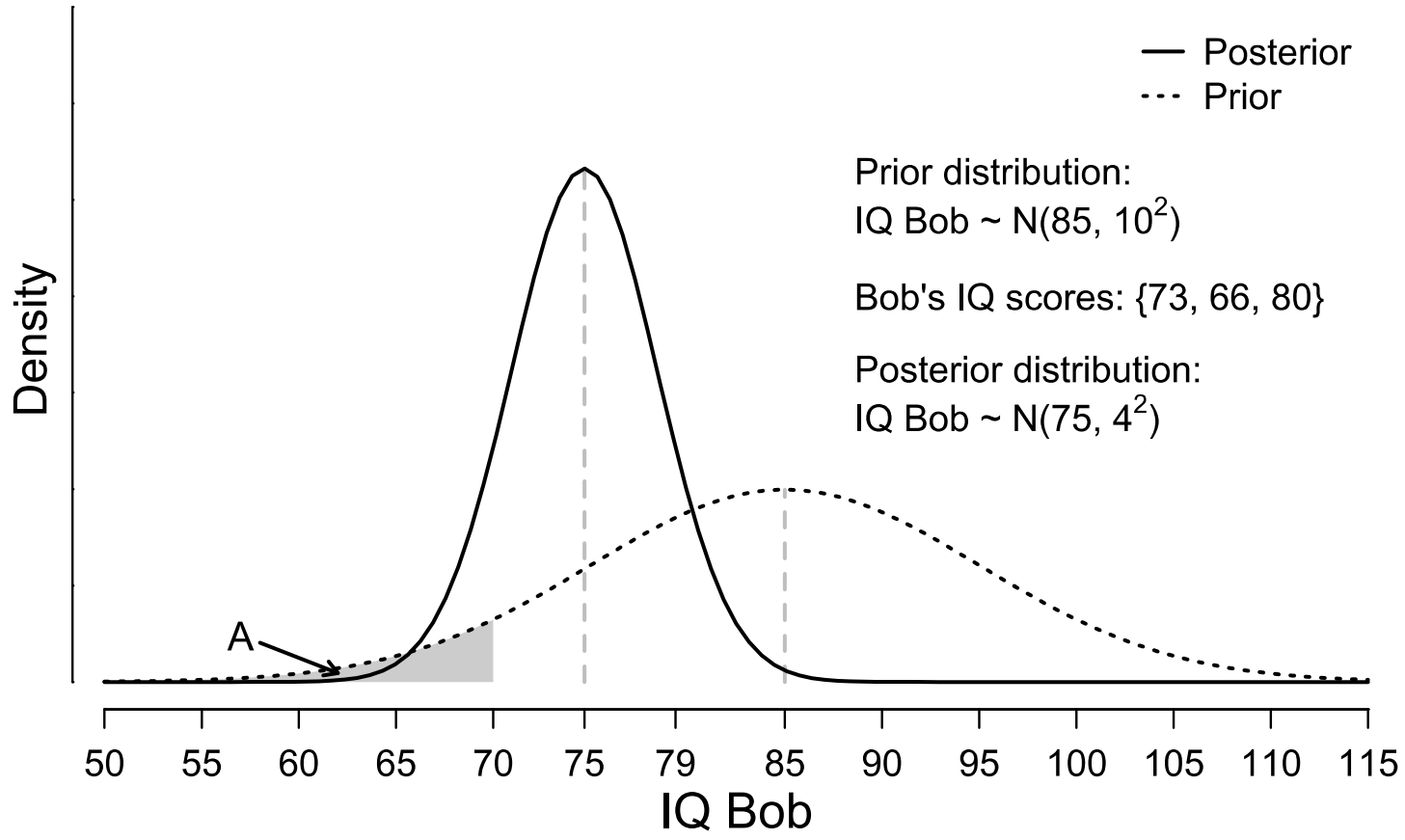
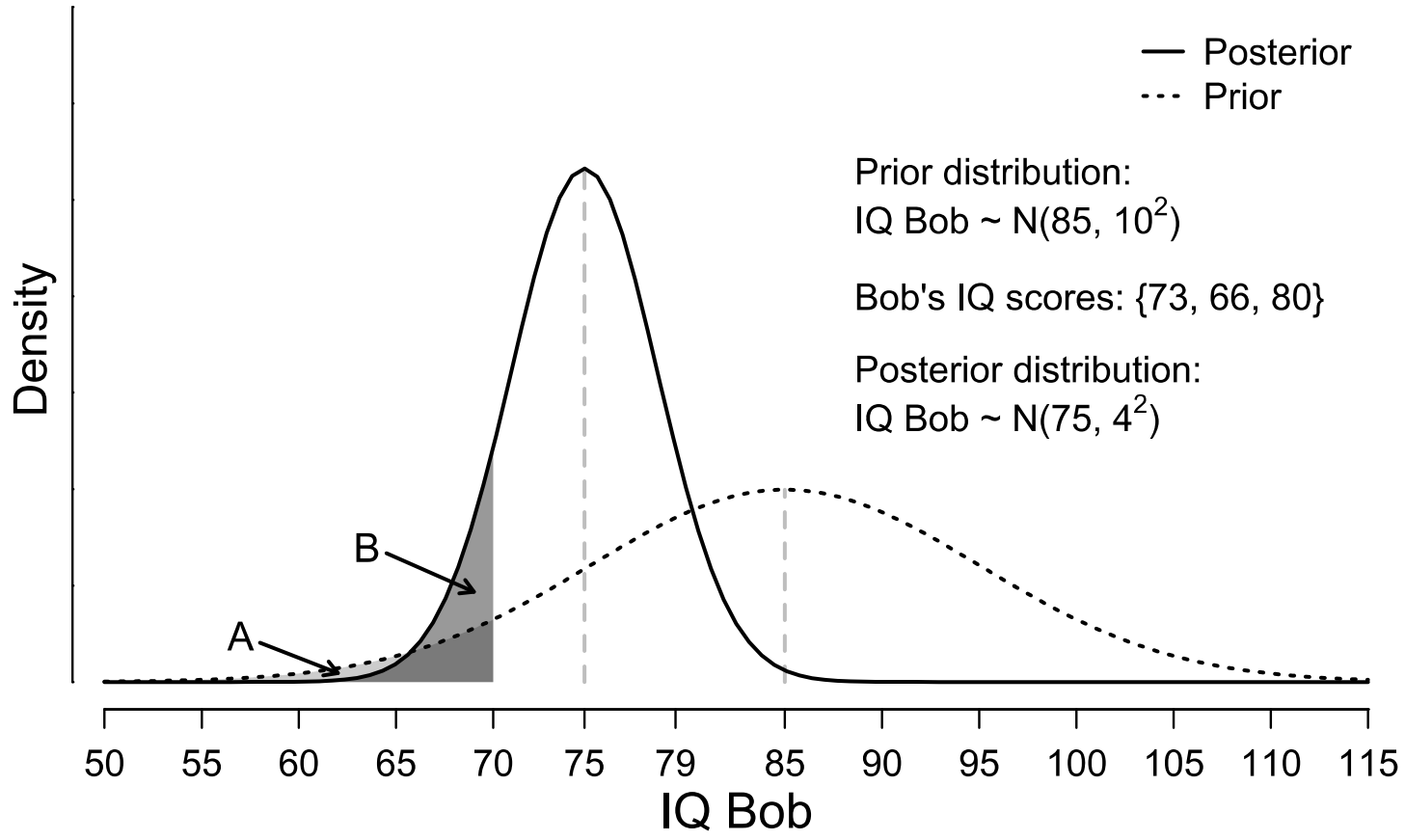
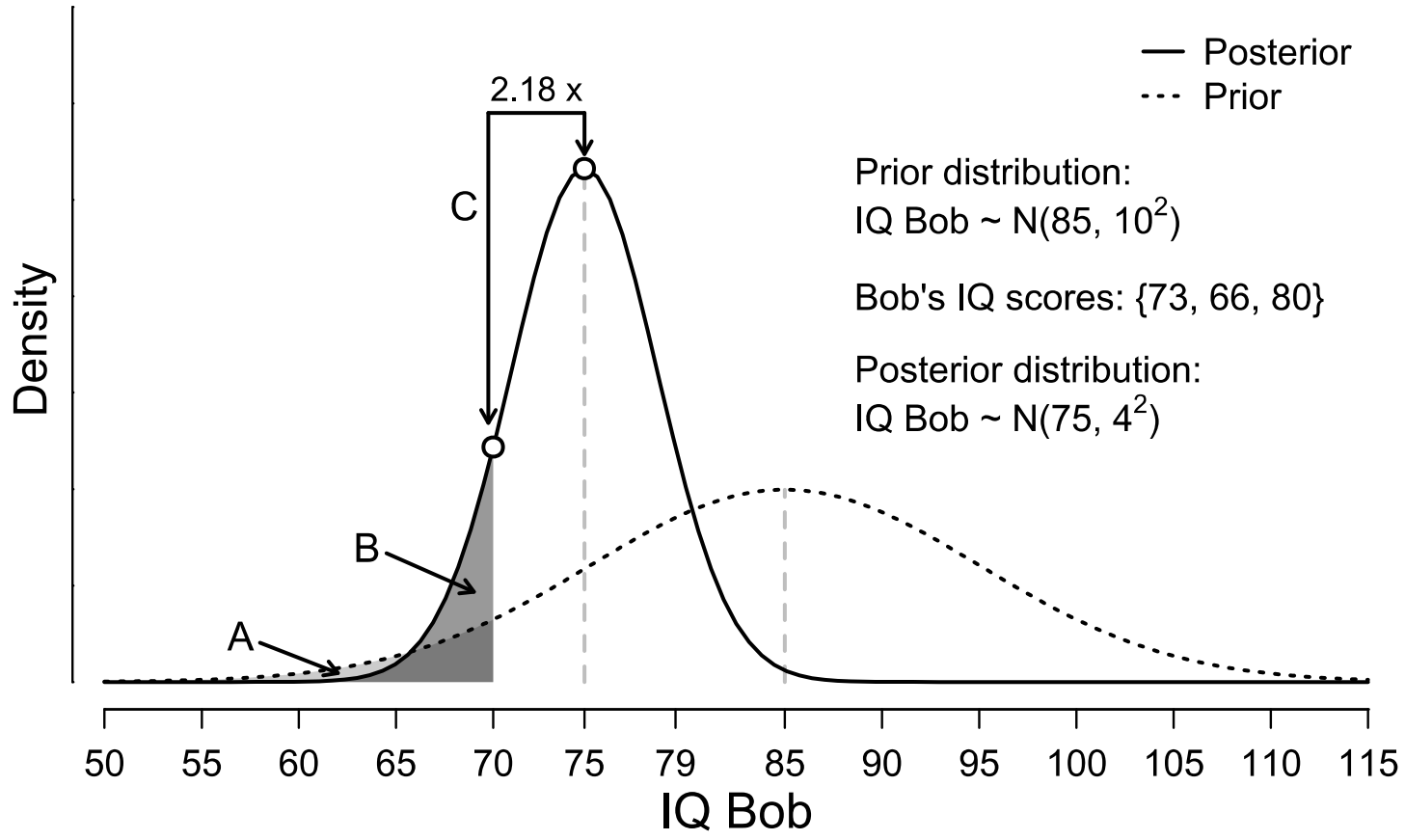

Prior
Prior distribution:
IQ Bob ~ N(85, 10^2)
Density
50
55
60
65
70
75
79
85
90
95
100
105
110
115
IQ Bob

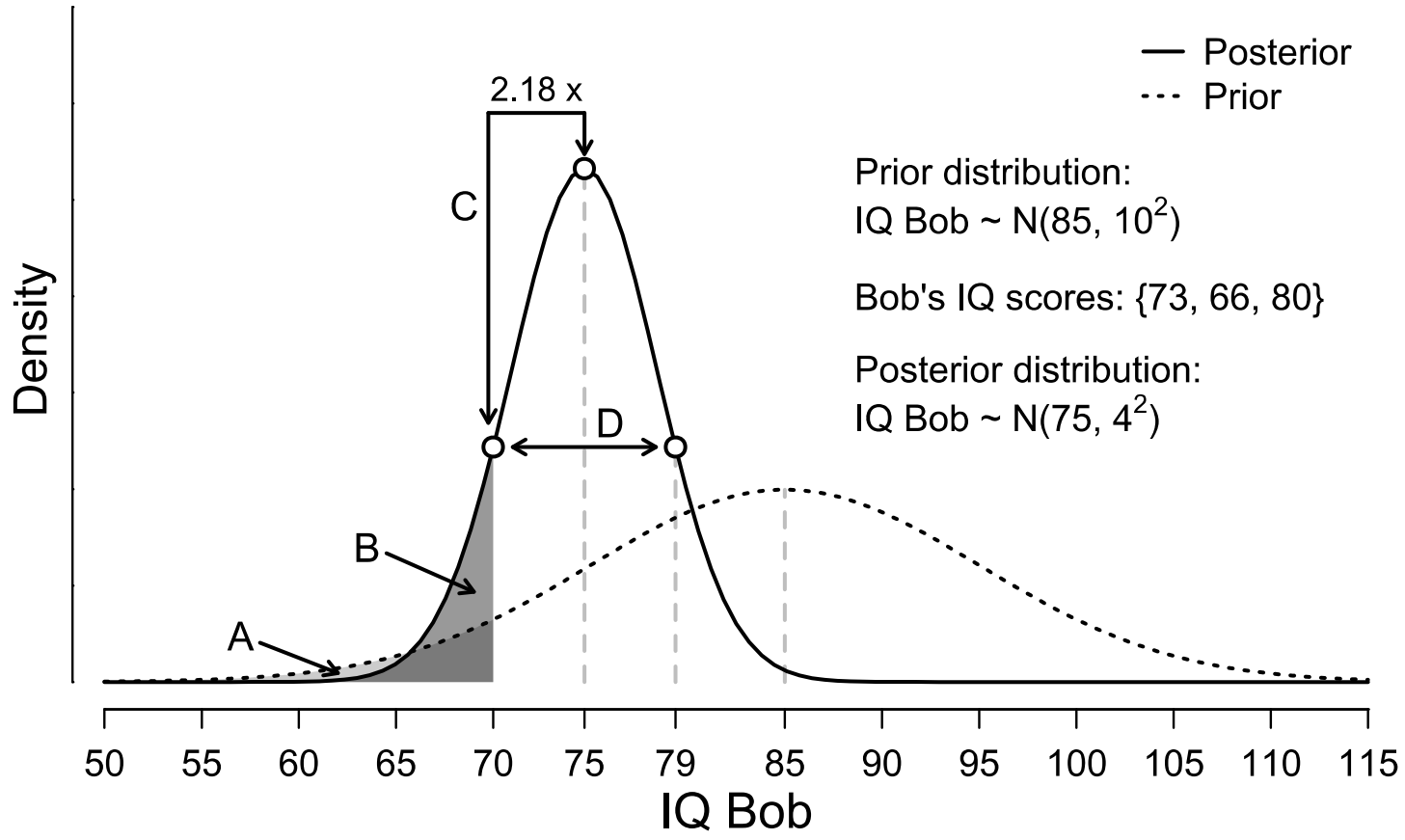

Prior
Prior distribution:
IQ Bob ~ N(85, 10^2)
Bob's IQ scores: {73, 66, 80}
Density
50
55
60
65
70
75
79
85
90
95
100
105
110
115
IQ Bob

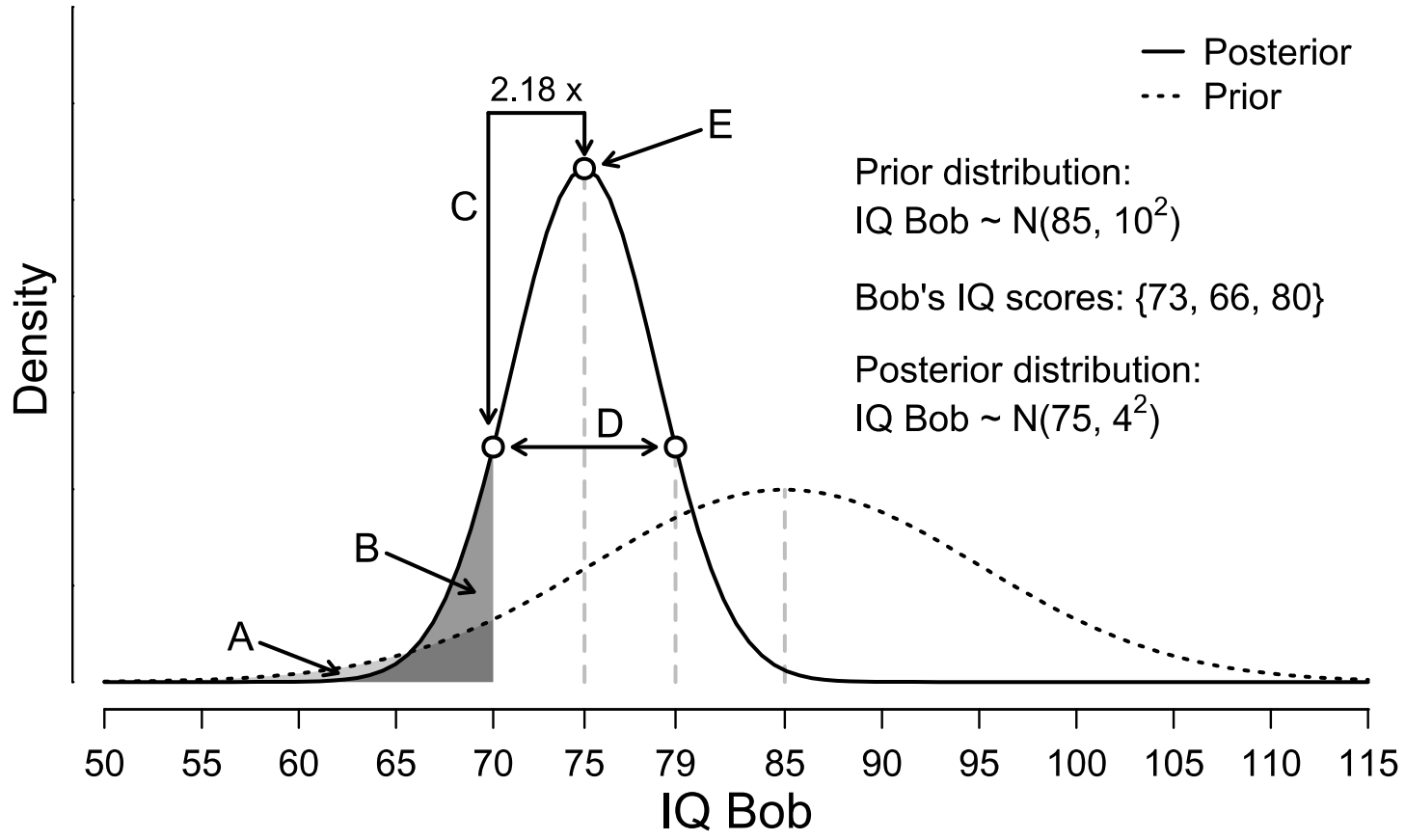

Posterior
Prior
Prior distribution:
IQ Bob ~ N(85, 10^2)
Bob's IQ scores: {73, 66, 80}
Posterior distribution:
IQ Bob ~ N(75, 4^2)
Density
50
55
60
65
70
75
79
85
90
95
100
105
110
115
IQ Bob

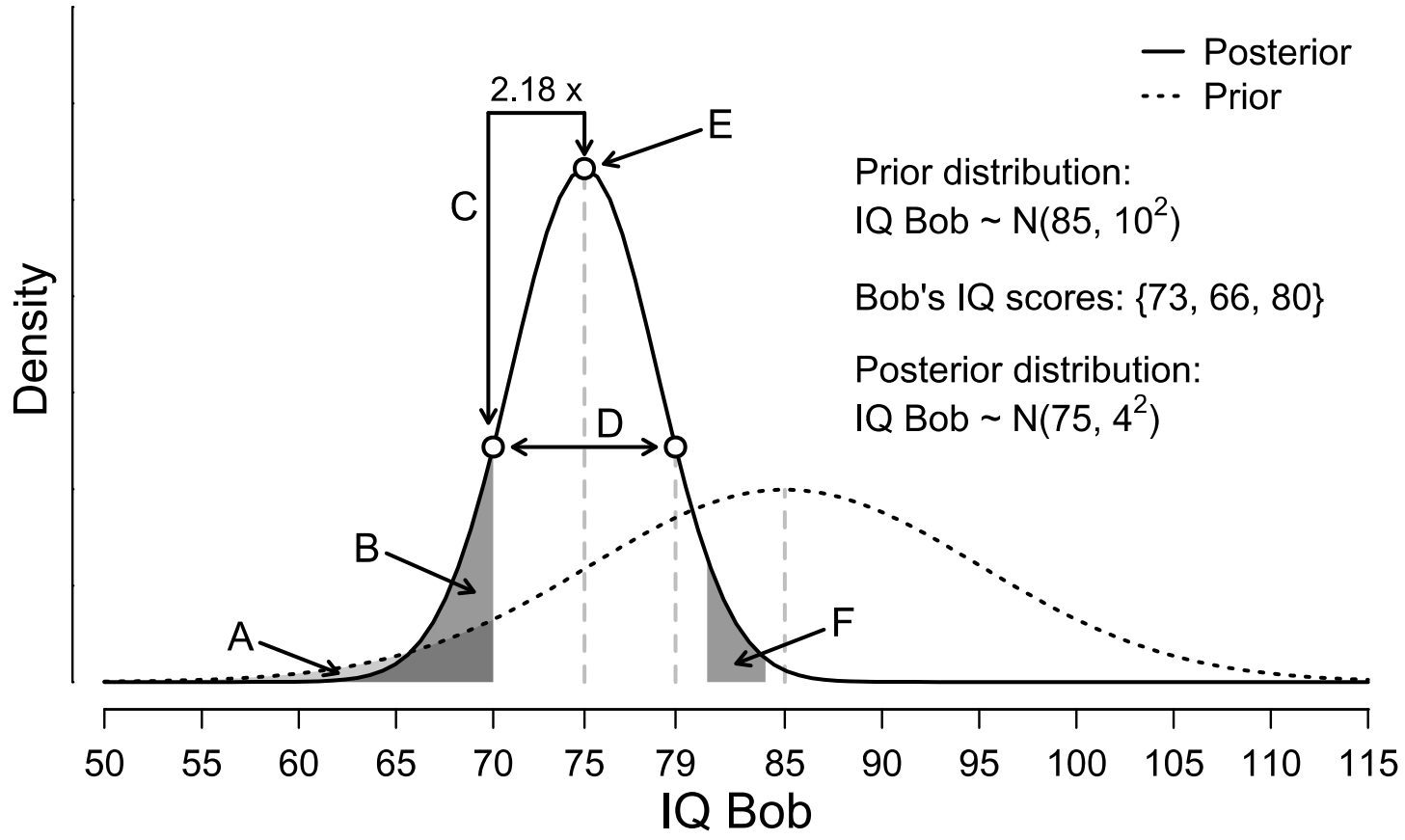

Posterior
Prior
Prior distribution:
IQ Bob ~ N(85, 10^2)
Bob's IQ scores: {73, 66, 80}
Posterior distribution:
IQ Bob ~ N(75, 4^2)
Density
A
50
55
60
65
70
75
79
85
90
95
100
105
110
115
IQ Bob

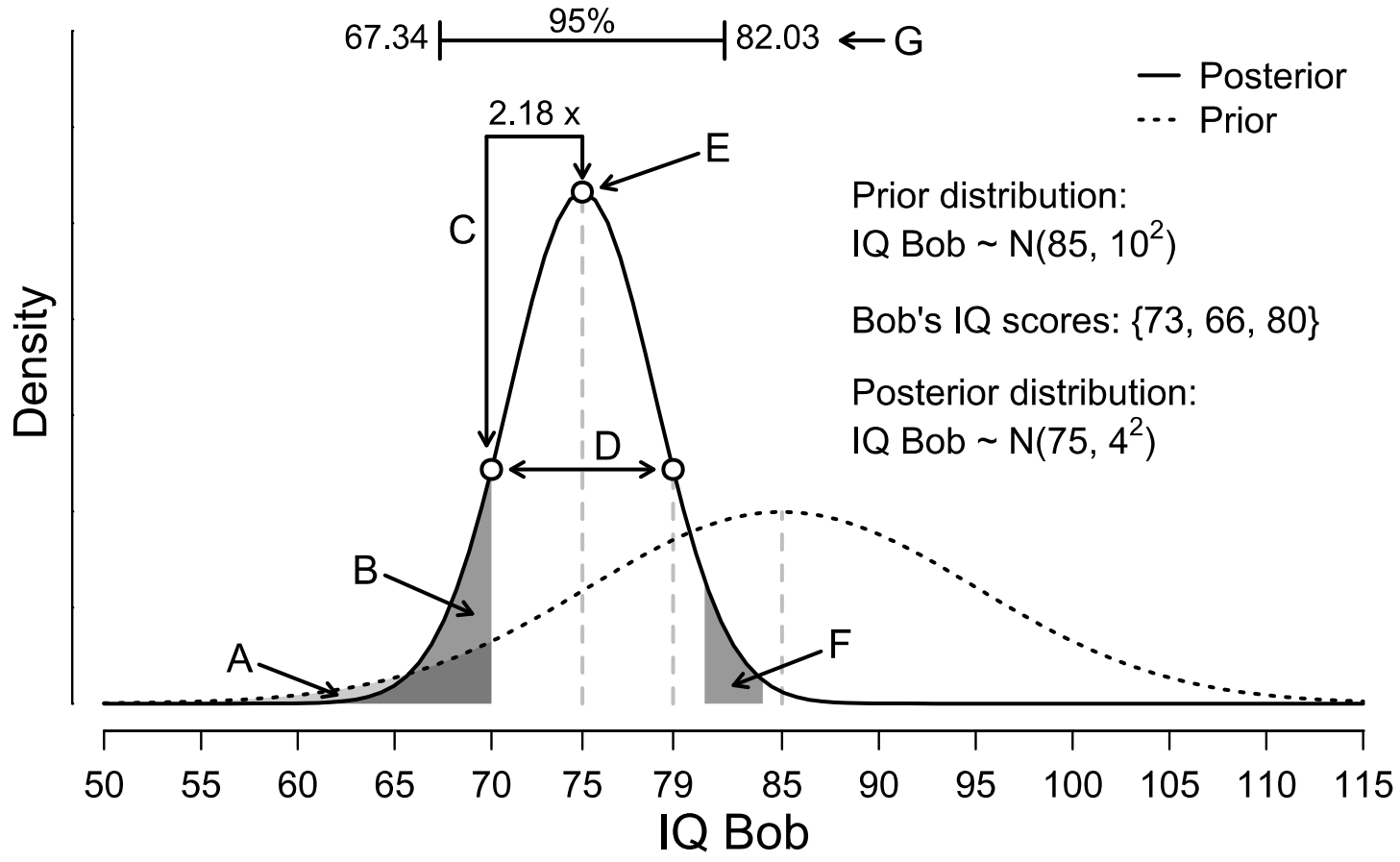

Posterior
Prior
Prior distribution:
IQ Bob ~ N(85, 10^2)
Bob's IQ scores: {73, 66, 80}
Posterior distribution:
IQ Bob ~ N(75, 4^2)
Density
B
A
50
55
60
65
70
75
79
85
90
95
100
105
110
115
IQ Bob


Posterior
Prior
2.18 x
C
Prior distribution:
IQ Bob ~ N(85, 10^2)
Bob's IQ scores: {73, 66, 80}
Posterior distribution:
IQ Bob ~ N(75, 4^2)
B
A
Density
50
55
60
65
70
75
79
85
90
95
100
105
110
115
IQ Bob


Posterior
Prior
2.18 x
C
D
B
A
Prior distribution:
IQ Bob ~ N(85, 10^2)
Bob's IQ scores: {73, 66, 80}
Posterior distribution:
IQ Bob ~ N(75, 4^2)
Density
50
55
60
65
70
75
79
85
90
95
100
105
110
115
IQ Bob


Posterior
Prior
2.18 x
E
C
Prior distribution:
IQ Bob ~ N(85, 10^2)
Bob's IQ scores: {73, 66, 80}
Posterior distribution:
IQ Bob ~ N(75, 4^2)
D
B
A
Density
50
55
60
65
70
75
79
85
90
95
100
105
110
115
IQ Bob


Posterior
Prior
2.18 x
E
C
Prior distribution:
IQ Bob ~ N(85, 10^2)
Bob's IQ scores: {73, 66, 80}
Posterior distribution:
IQ Bob ~ N(75, 4^2)
D
B
A
F
Density
50 55 60 65 70 75 79 85 90 95 100 105 110 115
IQ Bob


67.34
95%
82.03
G
Posterior
Prior
2.18 x
E
C
Prior distribution:
IQ Bob ~ N(85, 10^2)
Bob's IQ scores: {73, 66, 80}
Posterior distribution:
IQ Bob ~ N(75, 4^2)
D
B
A
F
Density
50
55
60
65
70
75
79
85
90
95
100
105
110
115
IQ Bob