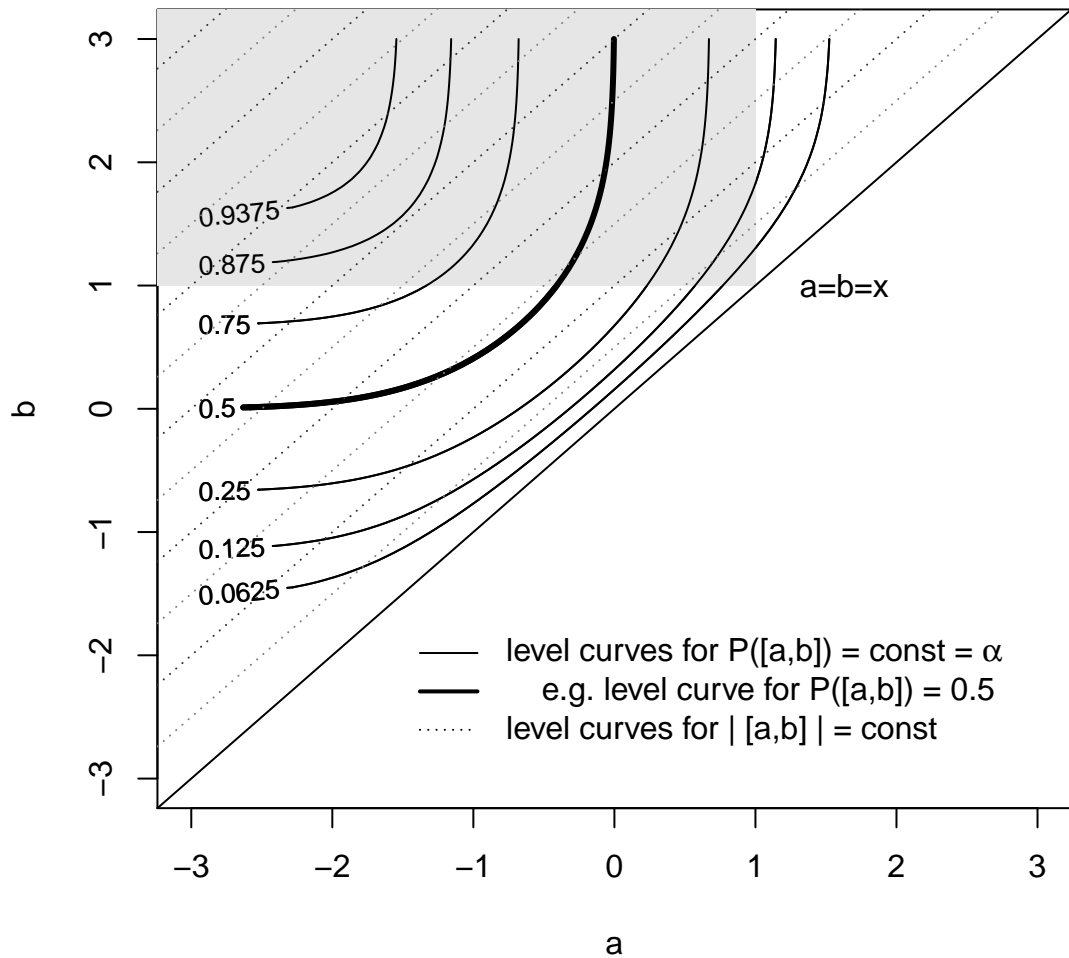**normal distribution**

empirical distribution

normal sample, n= 100

b

0.9375
0.875
0.75
0.5
0.25
0.125
0.0625

a=b=x

— level curves for P([a,b]) = const = α
— e.g. level curve for P([a,b]) = 0.5
⋯ level curves for | [a,b] | = const

b

0.9375
0.875
0.75
0.5
0.25
0.125
0.0625

a=b=x

— level curves for P([a,b]) = const = α
— e.g. level curve for P([a,b]) = 0.5
⋯ level curves for | [a,b] | = const

a

a