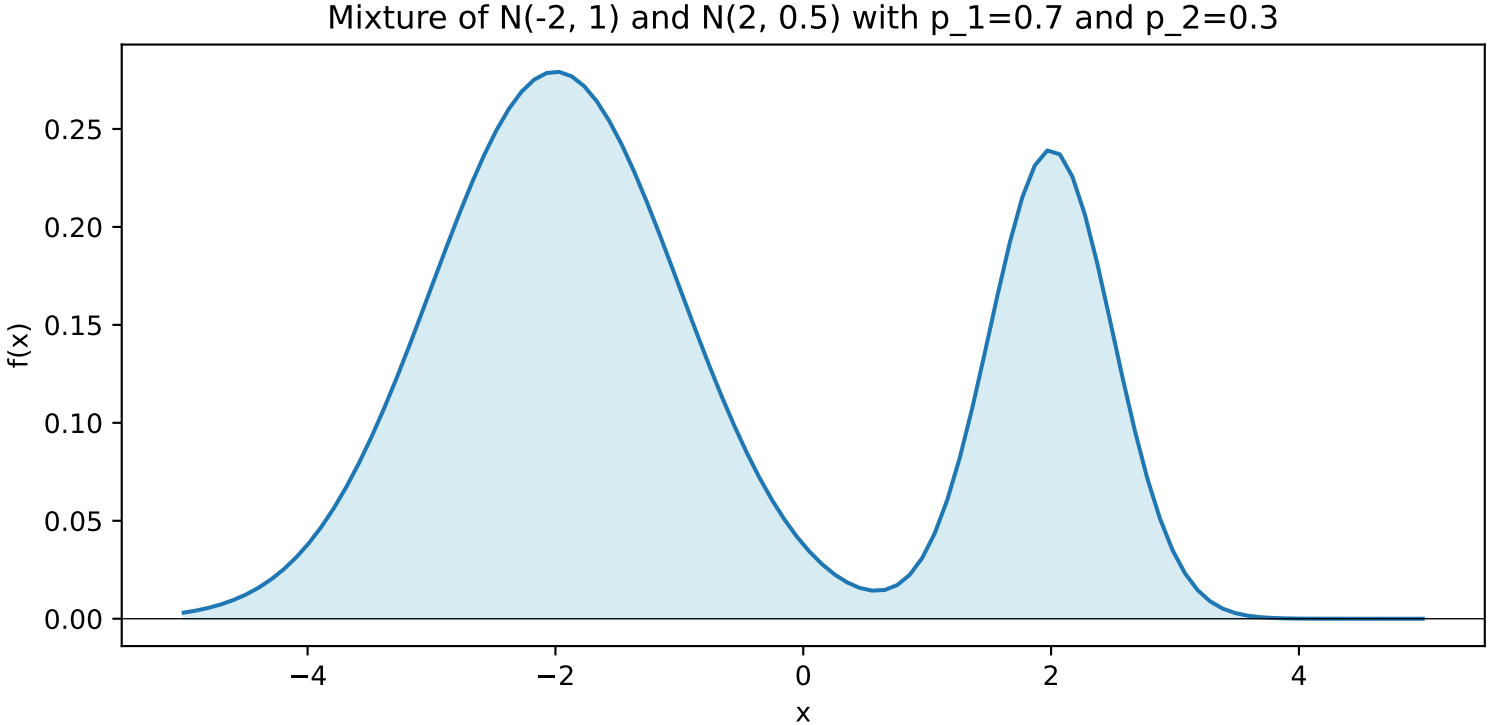
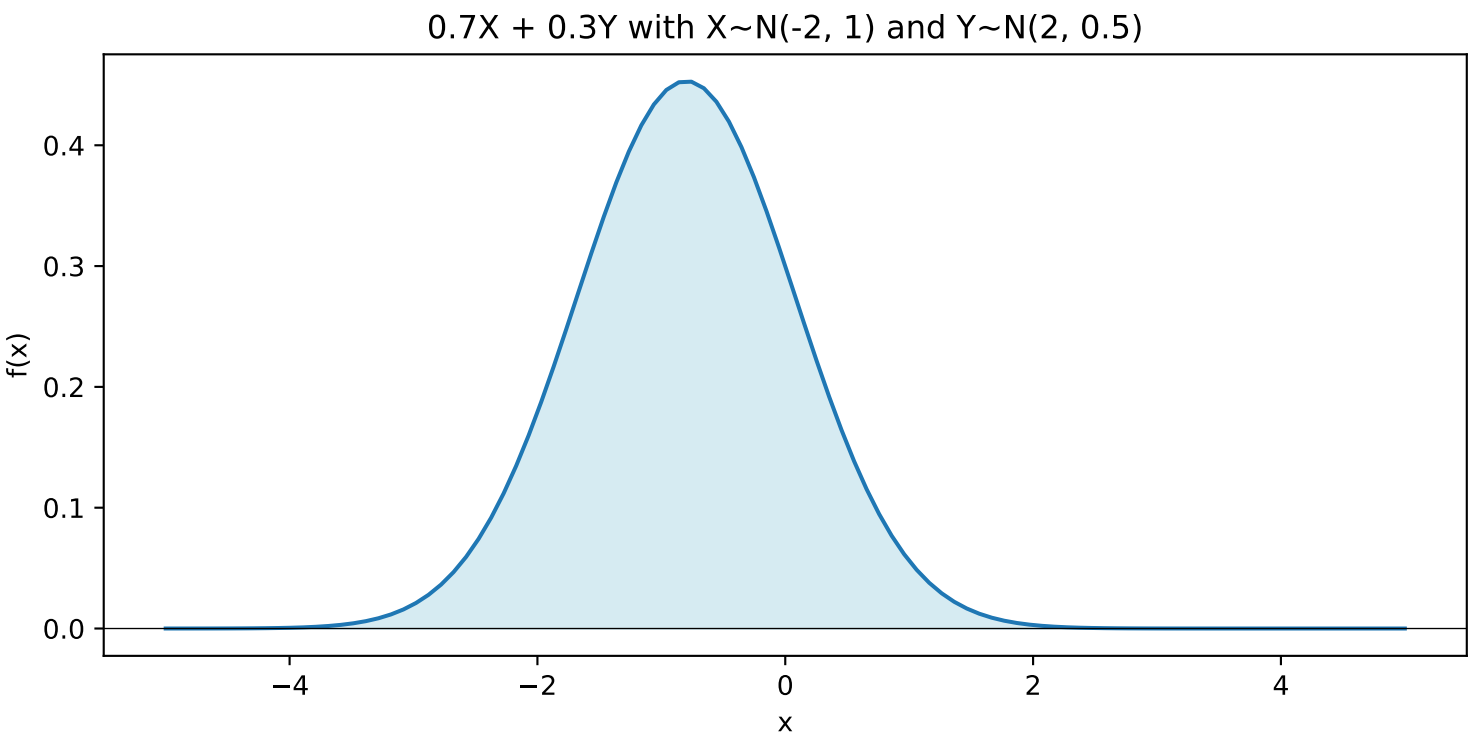

Mixture of N(-2, 1) and N(2, 0.5) with p_1=0.7 and p_2=0.3
f(x)
0.25
0.20
0.15
0.10
0.05
0.00
−4
−2
0
2
4
x


0.7X + 0.3Y with X~N(-2, 1) and Y~N(2, 0.5)
f(x)
0.4
0.3
0.2
0.1
0.0
−4
−2
0
2
4
x