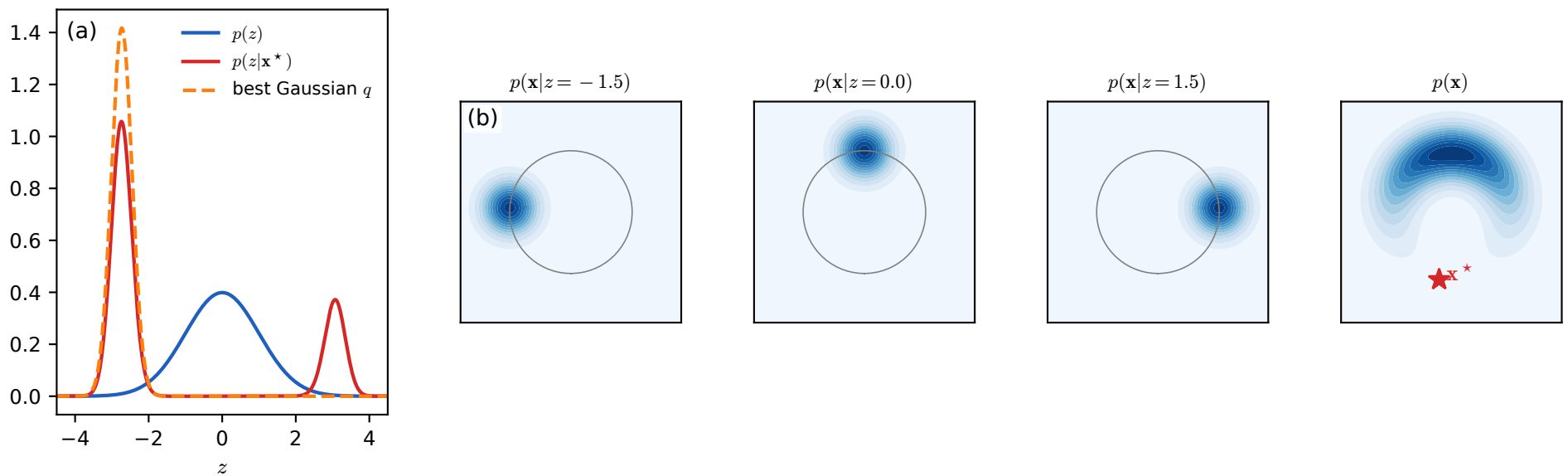

(a)
$p(z)$
$p(z|\mathbf{x}^\star)$
best Gaussian q
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−4
−2
0
2
4
z
(b)
$p(\mathbf{x}|z=-1.5)$
$p(\mathbf{x}|z=0.0)$
$p(\mathbf{x}|z=1.5)$
$p(\mathbf{x})$
$\mathbf{x}^\star$