Background in y = Normal(mean = $k\alpha$, $\sigma = 1$) + $k\alpha^2$

Legend:
- true SR, k=0
- true CR, k=0
  kl div=0.002
- true SR, k=0.5
- true CR, k=0.5
  kl div=2.279
- true SR, k=1
- true CR, k=1
  kl div=4.117
- true SR, k=1.5
- true CR, k=1.5
  kl div=4.612