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

Legend:
- true SR, k=0
- gen SR, k=0
- kl div=0.076
- true SR, k=0.2
- gen SR, k=0.2
- kl div=0.026
- true SR, k=0.5
- gen SR, k=0.5
- kl div=0.028
- true SR, k=0.8
- gen SR, k=0.8
- kl div=0.028