Signal chacha_cha400_neut60

Channel 2b

Panel 1 (AUC):
1: Combined-FixedTarget-Flow-AVG
Fixed target MSE
Flow Likelihood
9.3e-01

2: Combined-AVG
Fixed target KL
Flow Likelihood
9.2e-01

3: Combined-PROD
Fixed target KL
Flow Likelihood
9.2e-01

4: Combined-AND
Fixed target KL
Flow Likelihood
9.0e-01

5: Flow-Efficient-Likelihood
9.0e-01

Panel 2 ($\epsilon_S(\epsilon_B = 10^{-2})$):
1: Combined-FixedTarget-Flow-AVG
Fixed target MSE
Flow Likelihood
3.3e-01

2: Combined-PROD
Fixed target KL
Flow Likelihood
3.1e-01

3: Combined-AVG
Fixed target KL
Flow Likelihood
3.1e-01

4: Combined-AND
Fixed target KL
Flow Likelihood
3.0e-01

5: Combined-FixedTarget-Flow-AND
Fixed target MSE
Flow Likelihood
2.8e-01

Panel 3 ($\epsilon_S(\epsilon_B = 10^{-3})$):
1: Combined-FixedTarget-Flow-AND
Fixed target MSE
Flow Likelihood
8.0e-02

2: Combined-FixedTarget-Flow-AVG
Fixed target MSE
Flow Likelihood
8.0e-02

3: Combined-AND
Fixed target KL
Flow Likelihood
7.0e-02

4: Combined-PROD
Fixed target KL
Flow Likelihood
7.0e-02

5: Combined-AVG
Fixed target KL
Flow Likelihood
7.0e-02

Panel 4 ($\epsilon_S(\epsilon_B = 10^{-4})$):
1: DeepSet Fixed target KL
weight-10.0
4.6e-02

2: DeepSet Fixed target KL
weight-1.0
3.3e-02

3: PCA-D=7
2.3e-02

4: VAE-b=1e-3-D=10
2.3e-02

5: PCA-D=9
2.3e-02