A

Continuous Scale ($\alpha = 0$)

$\triangledown_{\alpha} \alpha |_{x_0} = 1.41$

Discretized Scale ($\alpha = 0$)

$\triangledown_{\gamma} \gamma |_{y_o} = 0.47$

Continuous Scale ($\alpha = 10$)

$\triangledown_{\alpha} \alpha |_{x_0} = 0.11$

Discretized Scale ($\alpha = 10$)

$\triangledown_{\gamma} \gamma |_{y_o} = 0.43$

B

C

Continuous Scale ($\alpha = 100$)

$\triangledown_{\alpha} \alpha |_{x_0} = 0.0$

Discretized Scale ($\alpha = 100$)

$\triangledown_{\gamma} \gamma |_{y_o} = 0.26$

D

Mutual Information

- Raw
- Dichotomized

$\alpha$