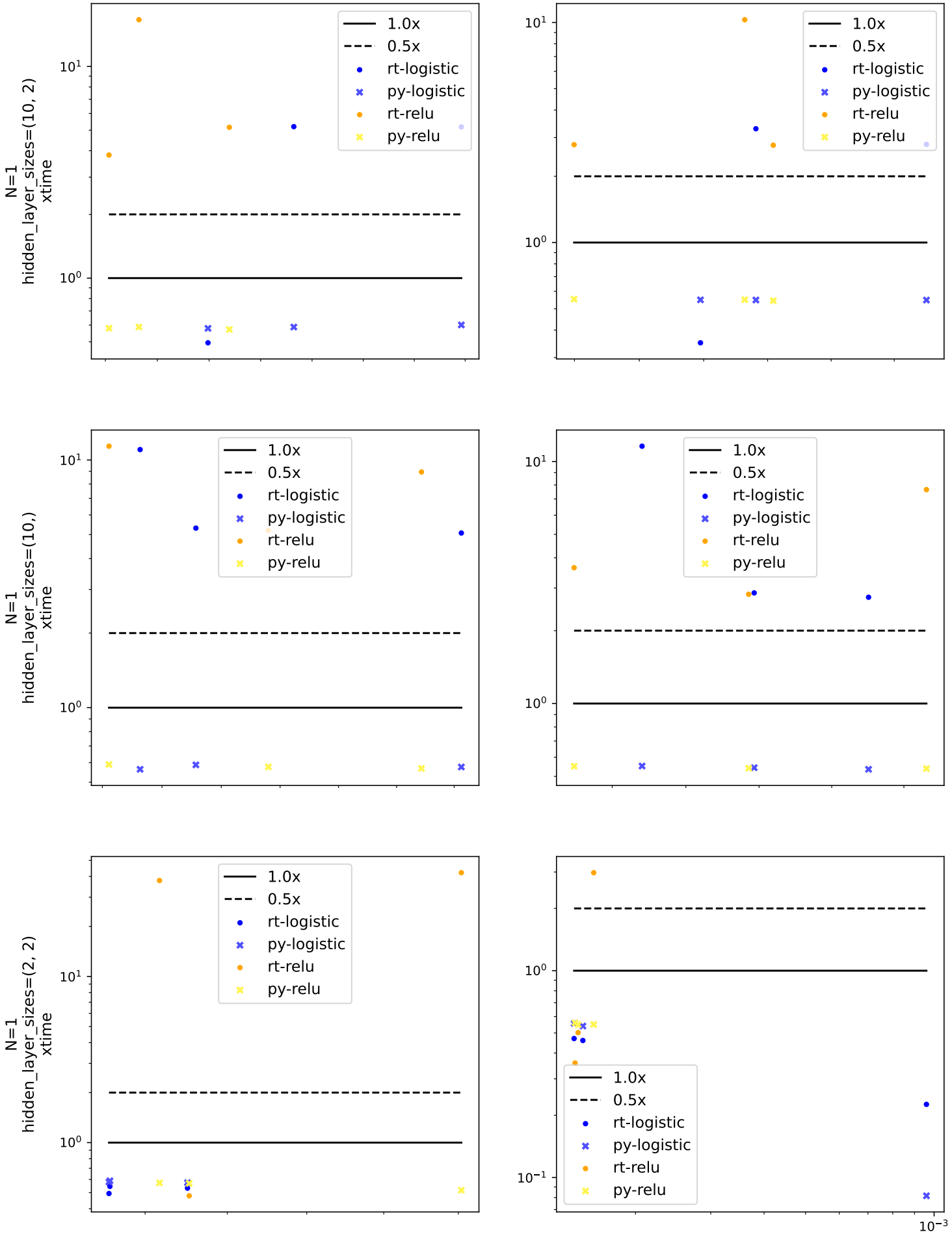
Acceleration onnxruntime / scikit-learn for MLPClassifier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xtime
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xtime
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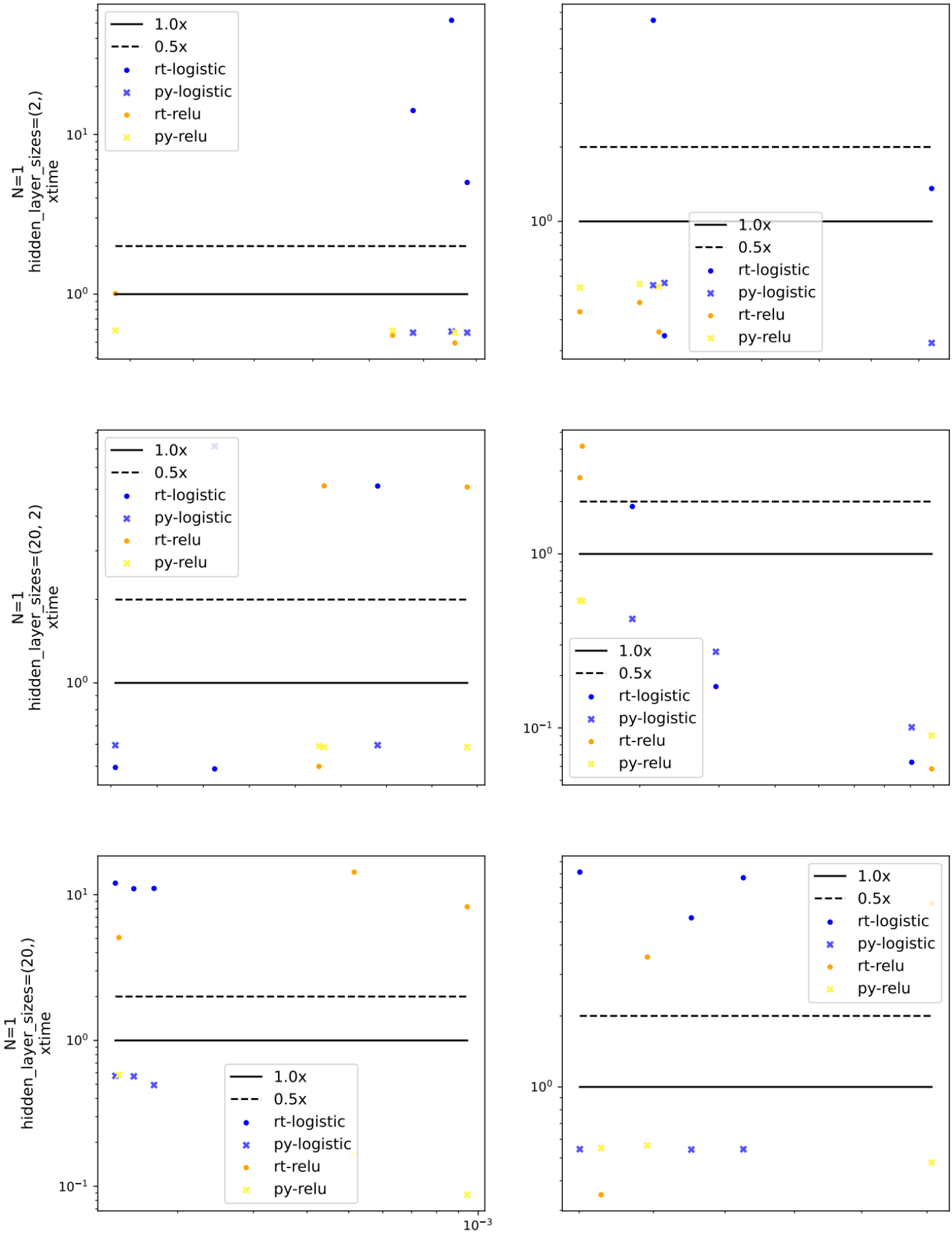
0.5x
rt-logistic
py-logistic
rt-relu
py-relu
10^1
10^0
10^{-1}
10^{-3}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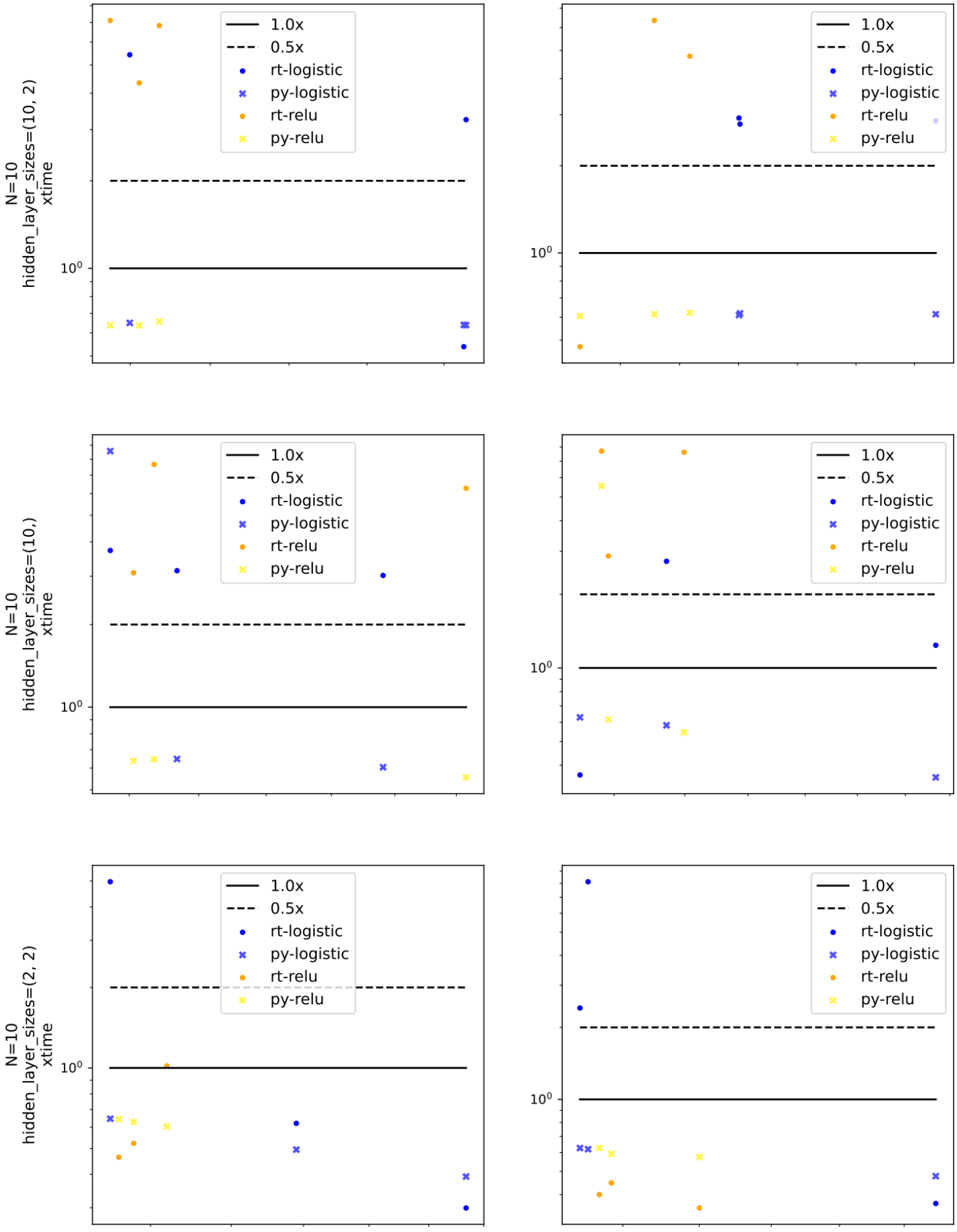
rt-logistic
py-logistic
rt-relu
py-relu
10^{1}
10^{0}
10^{-1}
10^{-3}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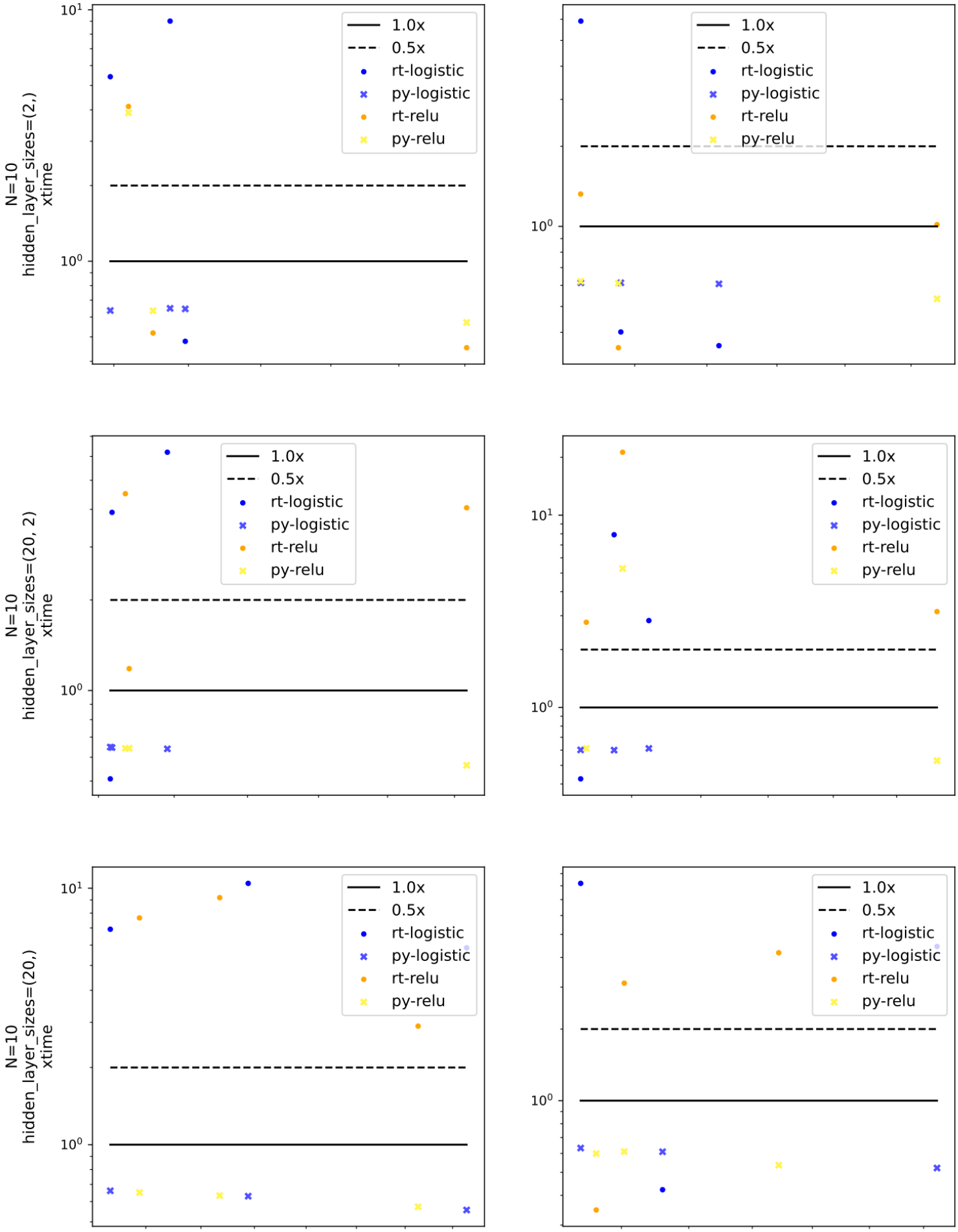
1.0x
0.5x
rt-logistic
py-logistic
rt-relu
py-relu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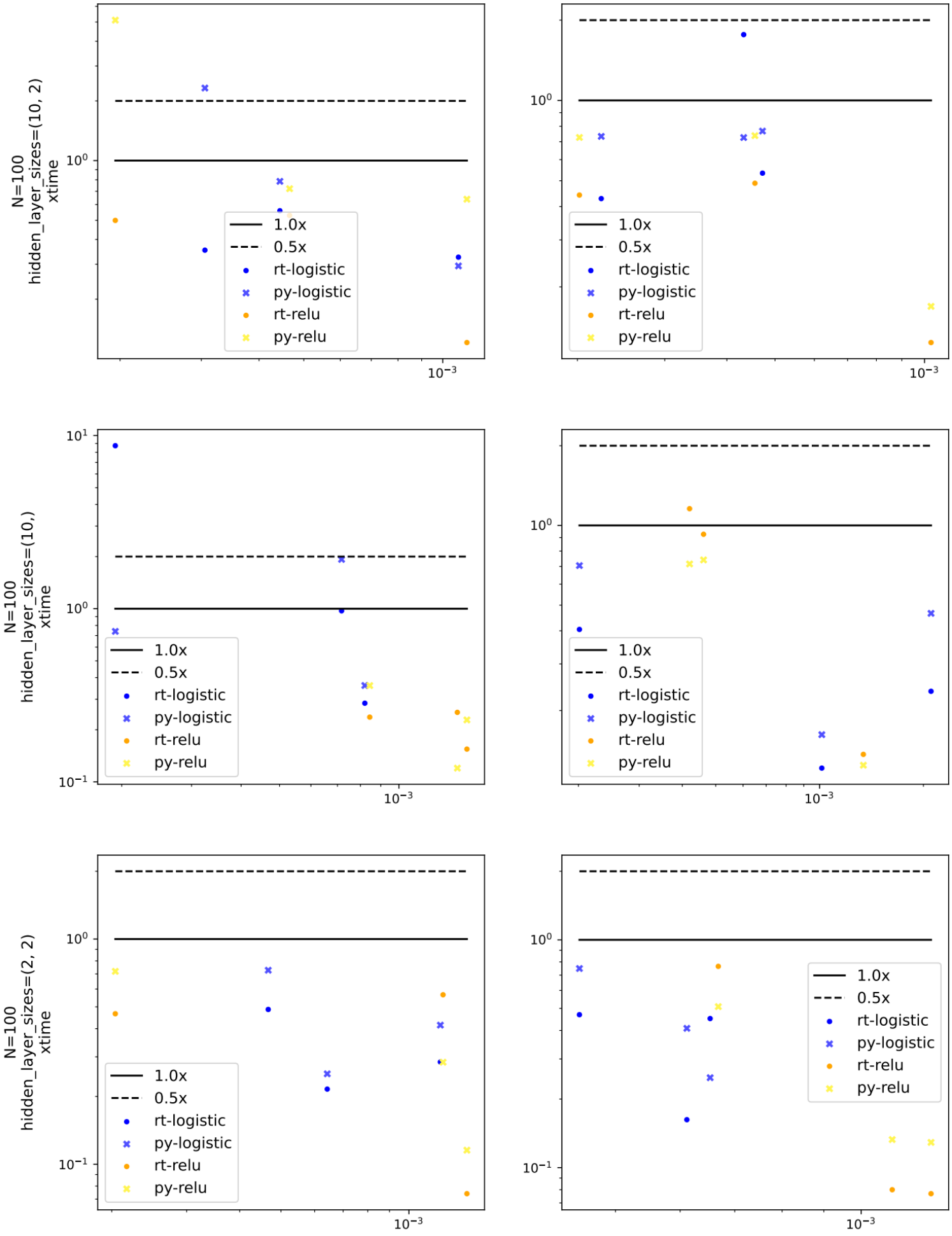
0.5x
rt-logistic
py-logistic
rt-relu
py-relu
10^1
10^0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xtime
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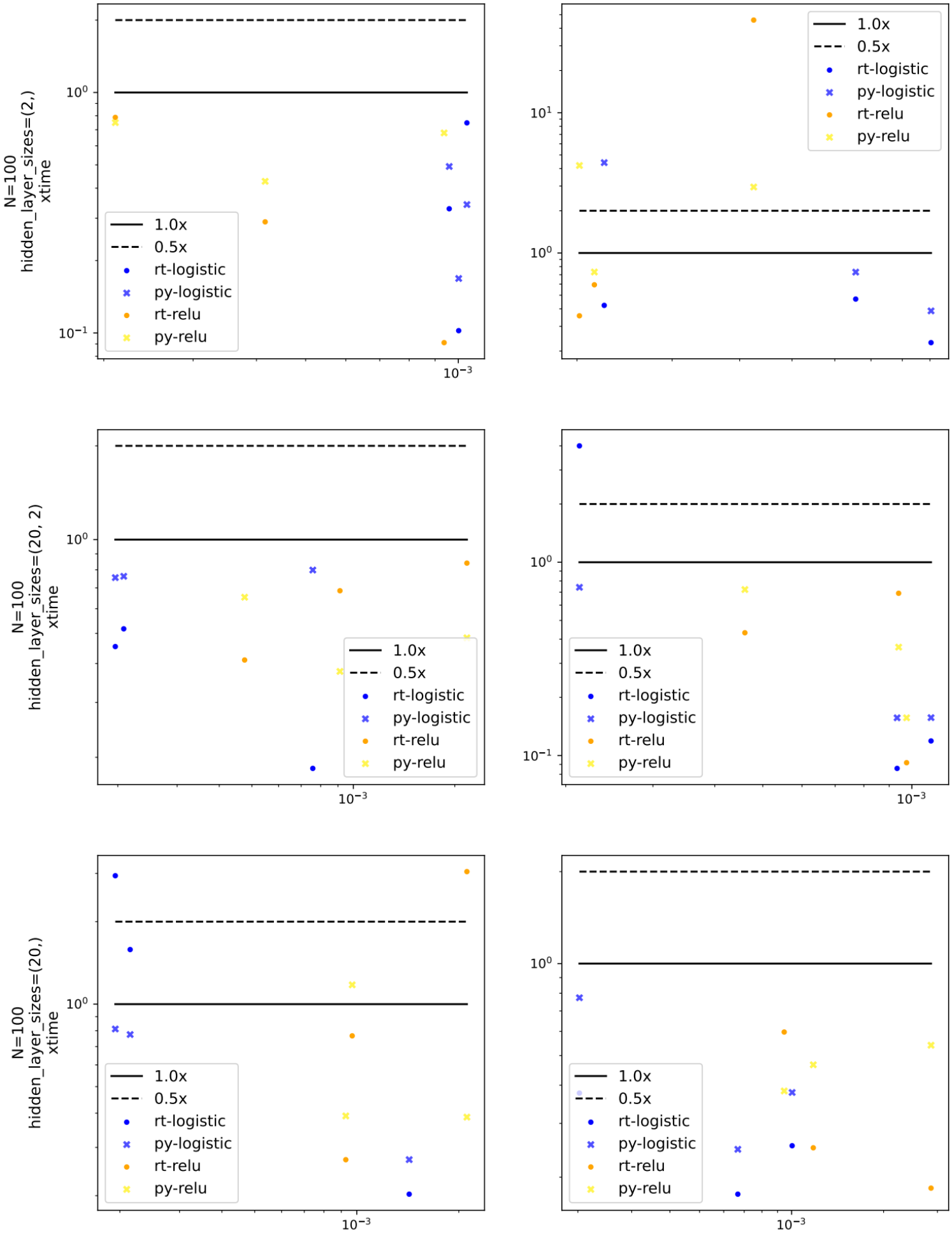
0.5x
rt-logistic
py-logistic
rt-relu
py-relu
10^{-3}
10^{0}
10^{1}
10^{-1}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xtime
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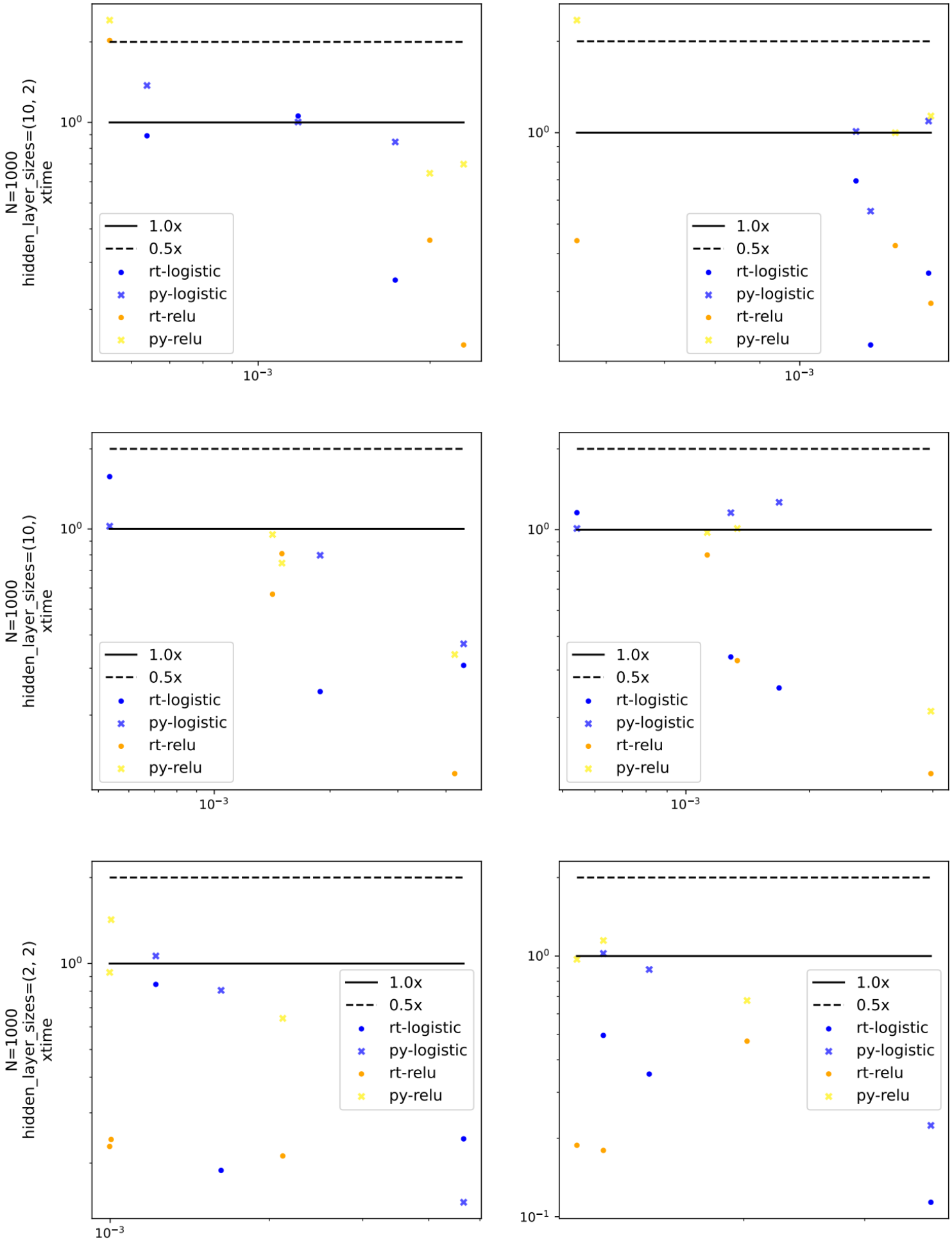
0.5x
rt-logistic
py-logistic
rt-relu
py-relu
10^{0}
10^{-1}
10^{1}
10^{-3}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hidden_layer_sizes=(2, 2)
xtime
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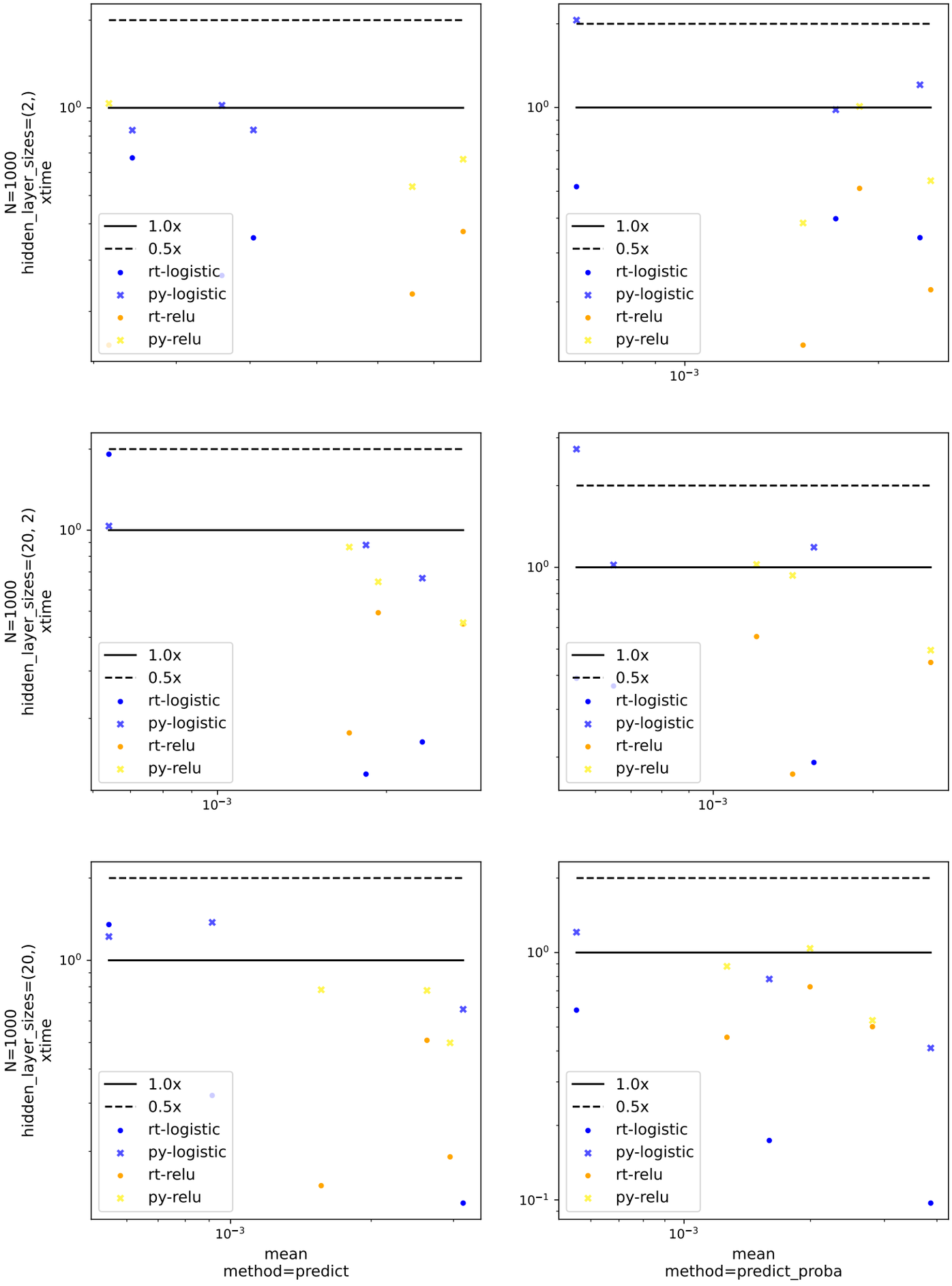
10^{-1}
10^{-3}
1.0x
0.5x
rt-logistic
py-logistic
rt-relu
py-relu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hidden_layer_sizes=(20, 2)
xtime
N=1000
hidden_layer_sizes=(20,)
xtime
10^0
10^{-1}
10^{-3}
1.0x
0.5x
rt-logistic
py-logistic
rt-relu
py-relu
mean
method=predict
mean
method=predict_proba