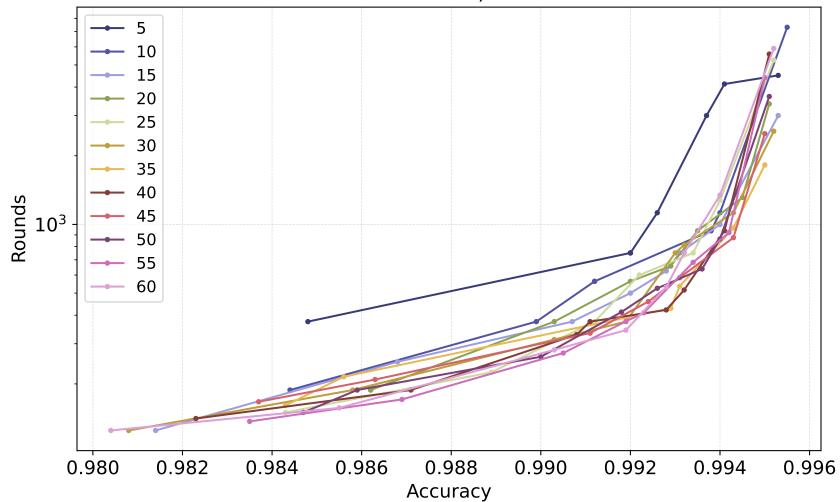
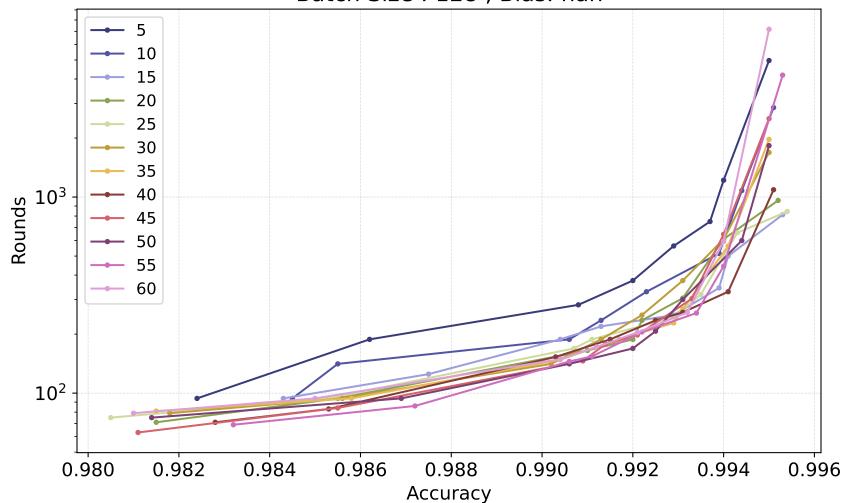
synchronous

Batch Size: 32, Bias: nan



synchronous Batch Size: 64, Bias: nan 10^{4} 10 15 20 25 30 35 Rounds 10³ 50 55 60 10² 0.980 0.982 0.984 0.986 0.990 0.994 0.988 0.992 0.996 Accuracy

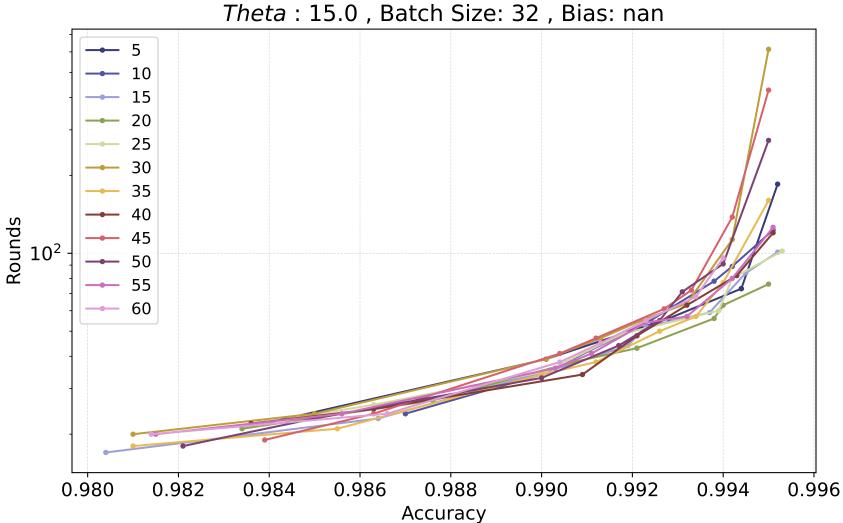
Batch Size: 128, Bias: nan



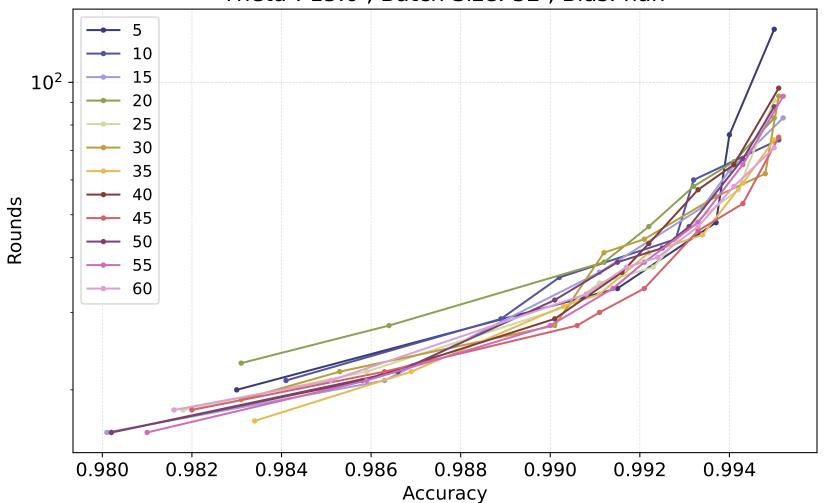
synchronous Batch Size: 256, Bias: nan 10^{4} 10 15 20 25 30 35 Rounds 10³ 45 50 55 60 10² 0.982 0.984 0.980 0.986 0.990 0.992 0.994 0.988

Accuracy

gm

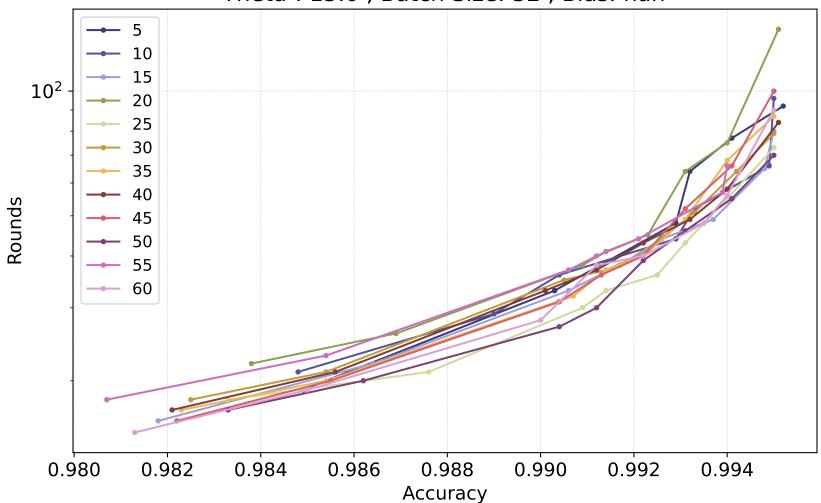


naive Theta: 15.0, Batch Size: 32, Bias: nan



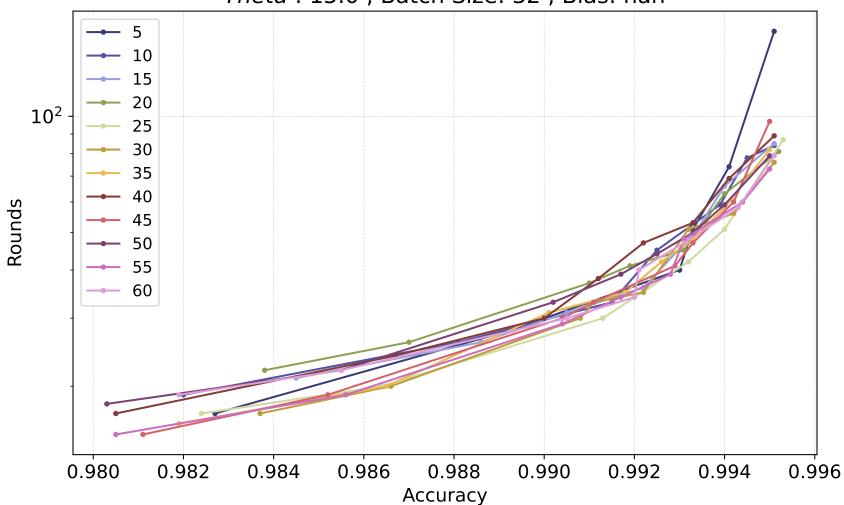
linear

Theta: 15.0, Batch Size: 32, Bias: nan

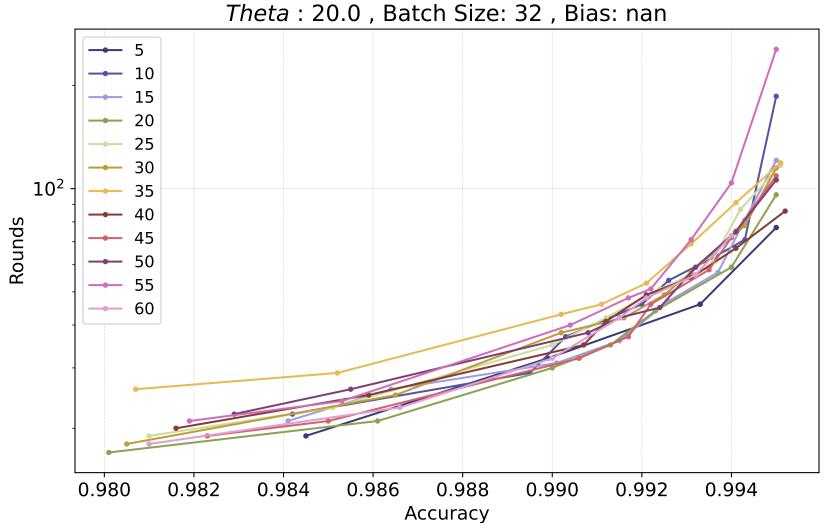


sketch

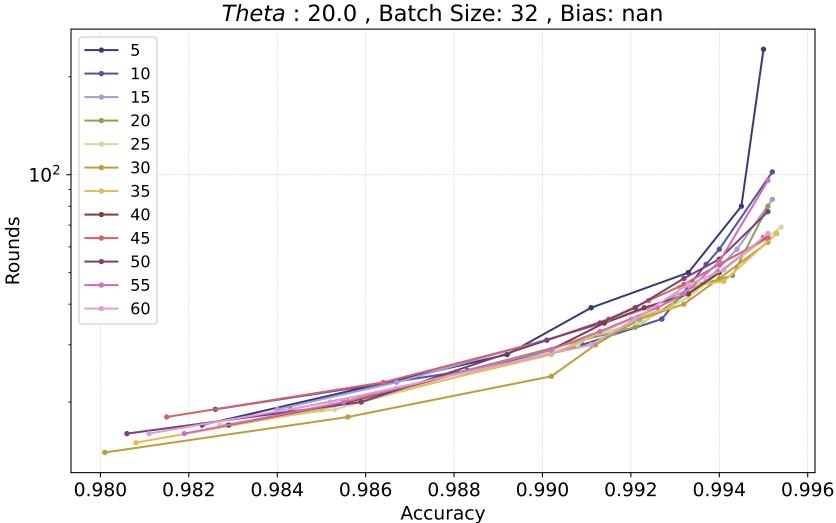
Theta: 15.0, Batch Size: 32, Bias: nan



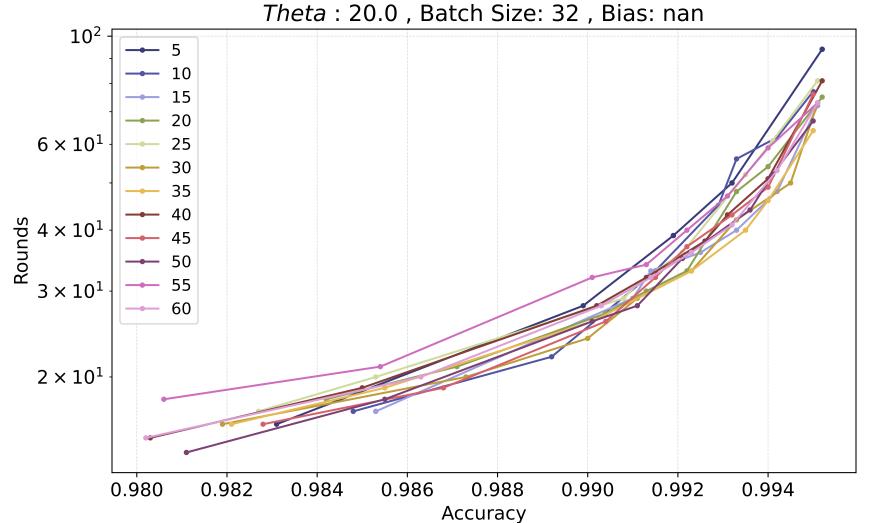
gm Theta: 20.0 Batch Size: 3



naive

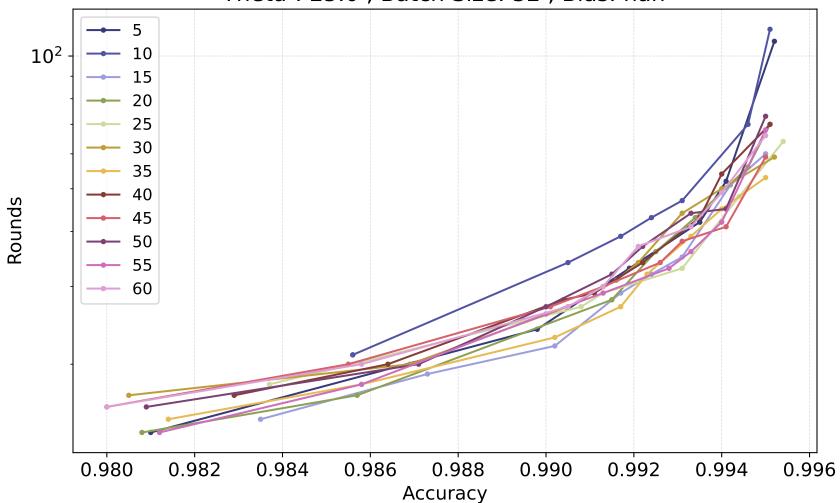


linear *Theta* : 20.0 , Batch Si

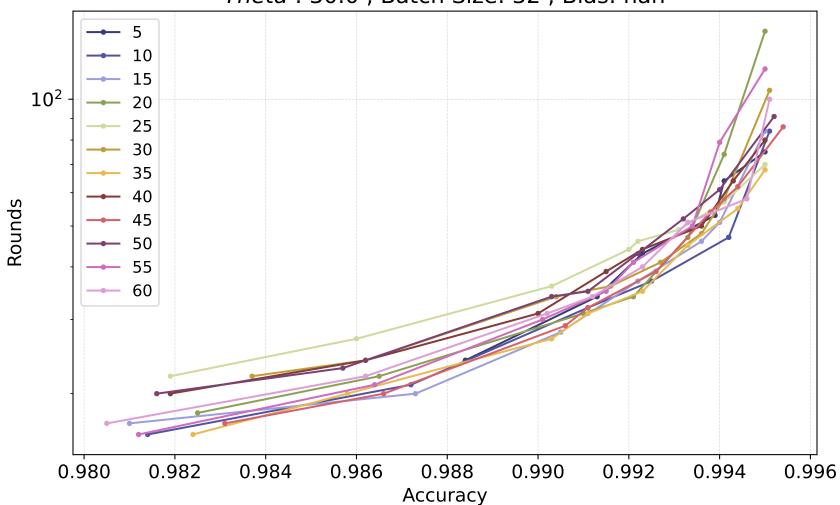


sketch Theta: 20.0, Batch Size: 32, Bias: nan 10² 6×10^{1} spunog 08 4 × 10¹ 3×10^{1} 60 2×10^{1} 0.980 0.982 0.984 0.986 0.990 0.992 0.994 0.988 0.996 Accuracy

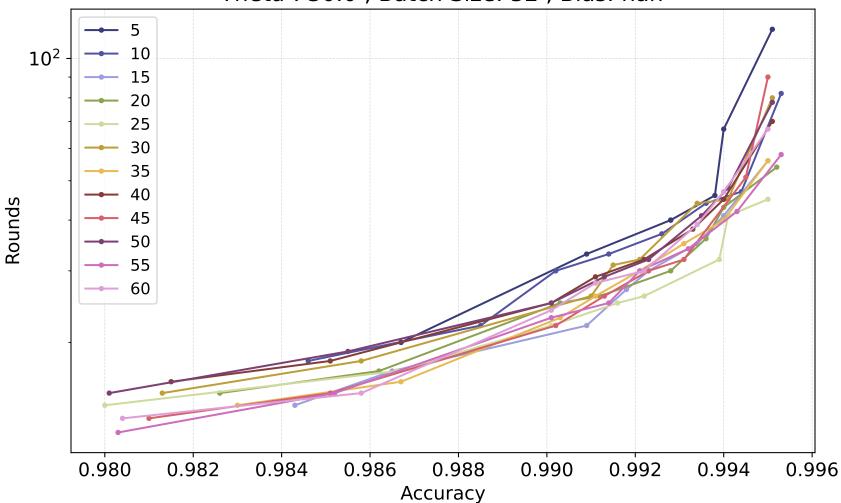
naive Theta: 25.0, Batch Size: 32, Bias: nan



gm *Theta*: 30.0, Batch Size: 32, Bias: nan

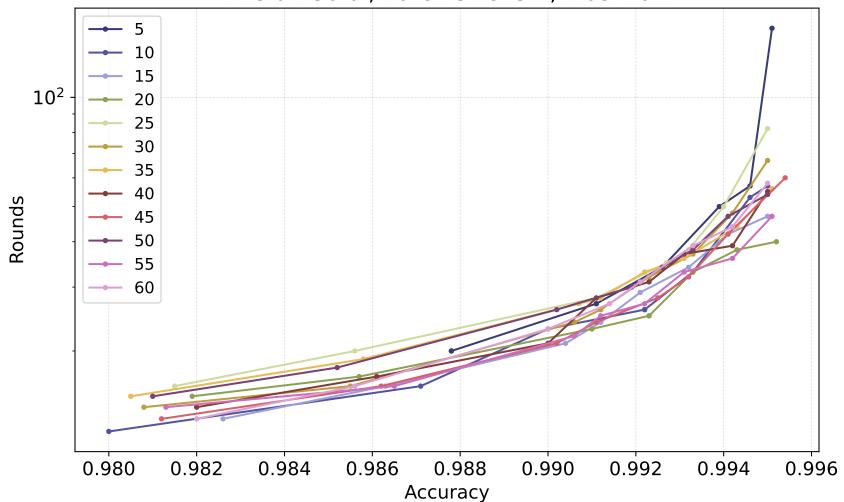


naive Theta: 30.0, Batch Size: 32, Bias: nan



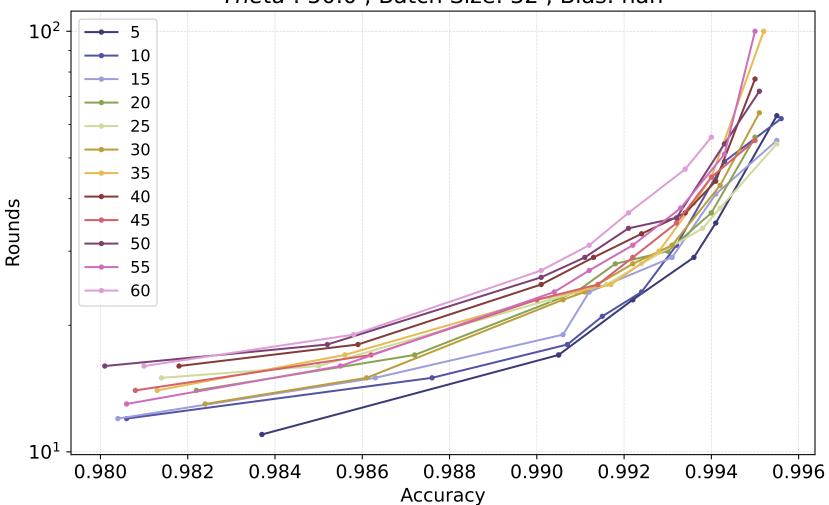
linear

Theta: 30.0, Batch Size: 32, Bias: nan

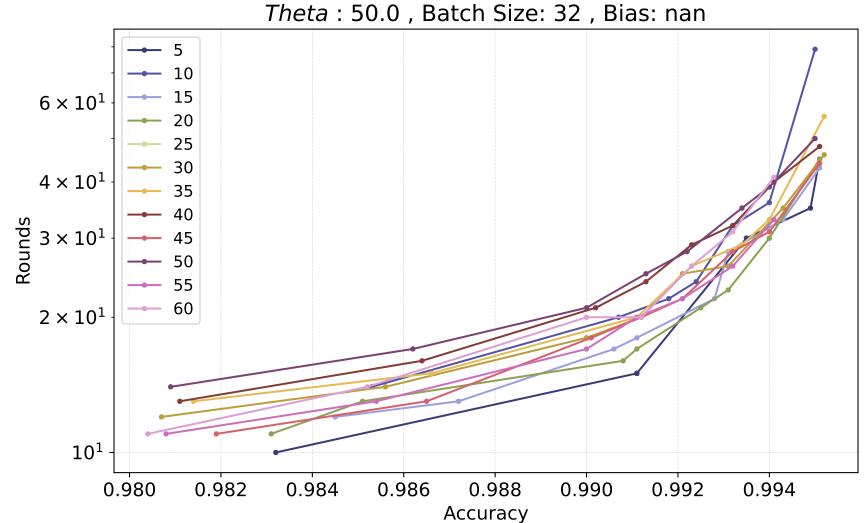


sketch Theta: 30.0, Batch Size: 32, Bias: nan 6×10^1 4×10^{1} 8 3 × 10¹ 2×10^{1} 0.982 0.984 0.988 0.990 0.992 0.986 0.994 0.996 Accuracy

gm *Theta*: 50.0 , Batch Size: 32 , Bias: nan

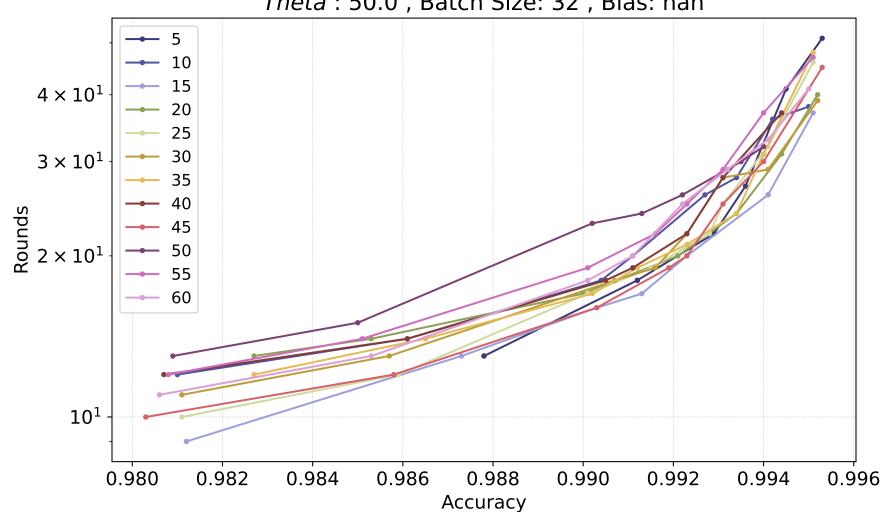


naive Thata : 50 0 Ratch Size



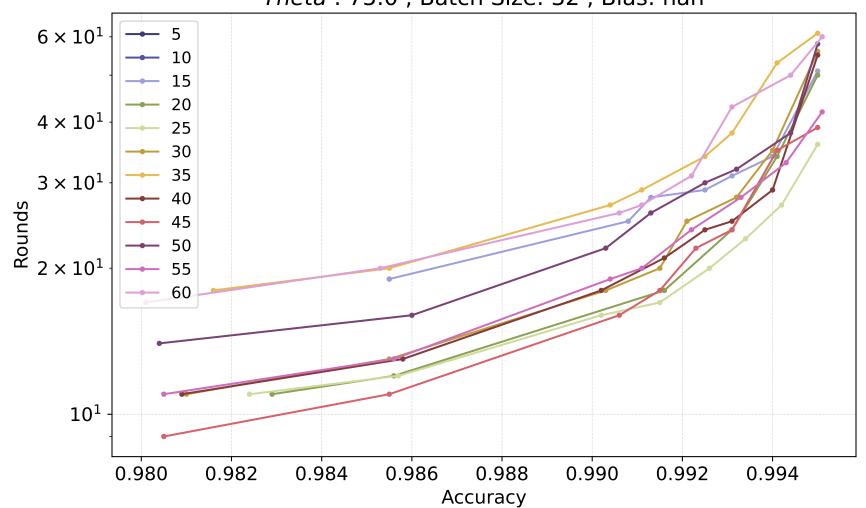
linear

Theta: 50.0, Batch Size: 32, Bias: nan

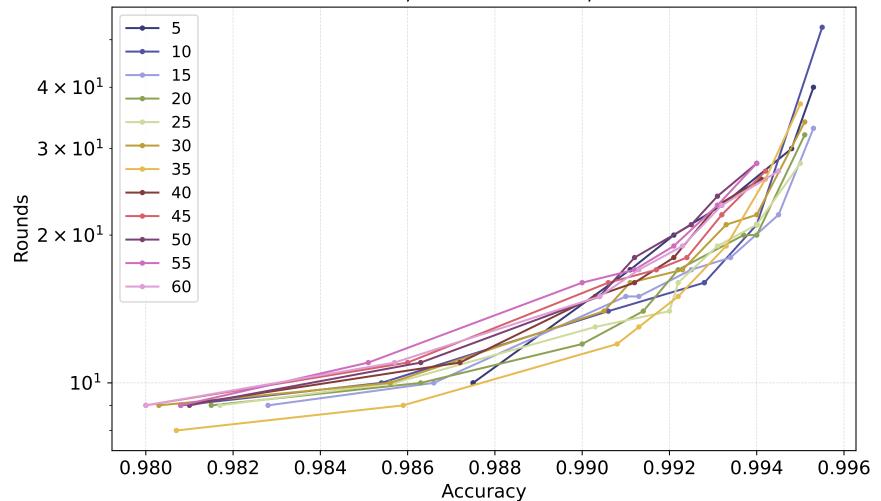


sketch Theta: 50.0, Batch Size: 32, Bias: nan 4×10^{1} 3×10^{1} Rounds 2×10^{1} 60 10¹ 0.982 0.980 0.984 0.986 0.988 0.990 0.992 0.994 0.996 Accuracy

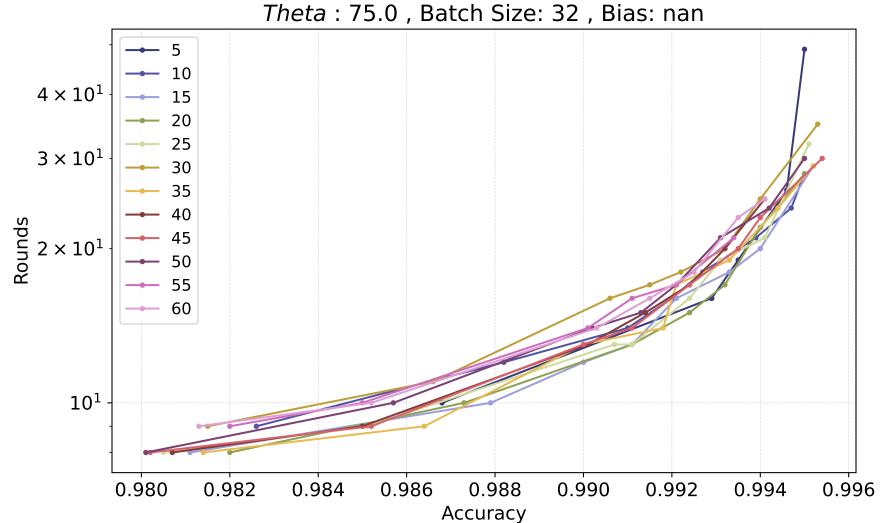
gm Theta: 75.0, Batch Size: 32, Bias: nan



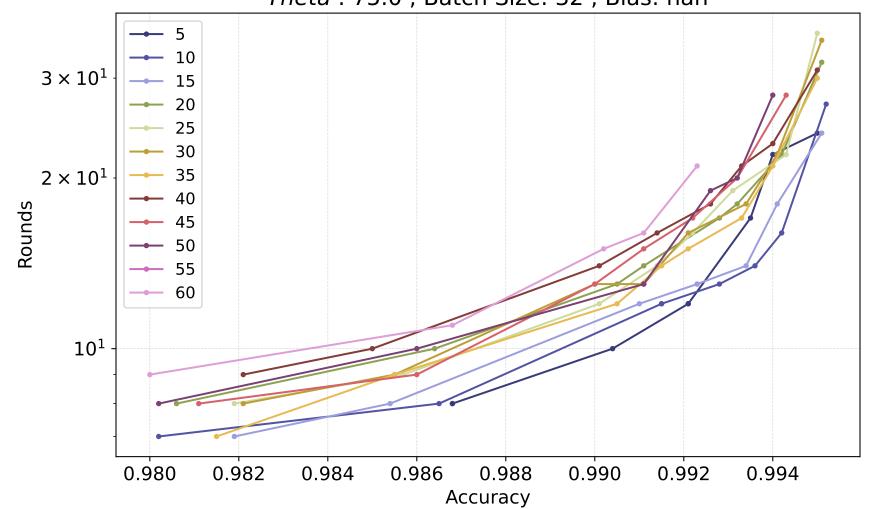
naive *Theta*: 75.0, Batch Size: 32, Bias: nan



linear
Theta: 75.0 Batch Siz



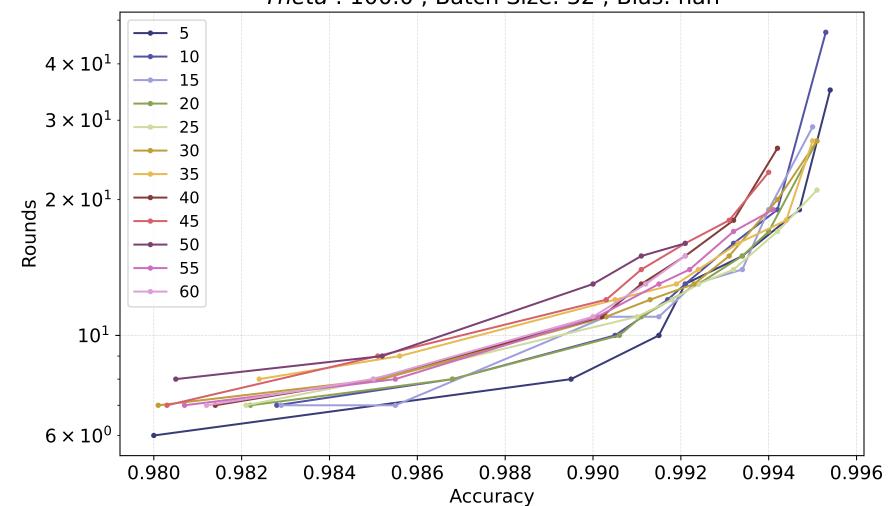
sketch *Theta*: 75.0, Batch Size: 32, Bias: nan



gm Theta: 100.0, Batch Size: 32, Bias: nan 4×10^{1} 3×10^{1} 8 2 × 10¹ 60 10^{1} 0.982 0.986 0.980 0.984 0.988 0.990 0.992 0.996 0.994 Accuracy

naive Theta: 100.0, Batch Size: 32, Bias: nan 3×10^1 2×10^{1} Rounds 55 60 10¹ 0.982 0.996 0.980 0.984 0.988 0.990 0.992 0.994 0.986 Accuracy

linear Theta: 100.0, Batch Size: 32, Bias: nan



sketch Theta: 100.0, Batch Size: 32, Bias: nan 60

0.988

Accuracy

0.990

0.992

0.994

0.996

 4×10^{1}

 3×10^{1}

 2×10^{1}

 10^{1}

 6×10^{0}

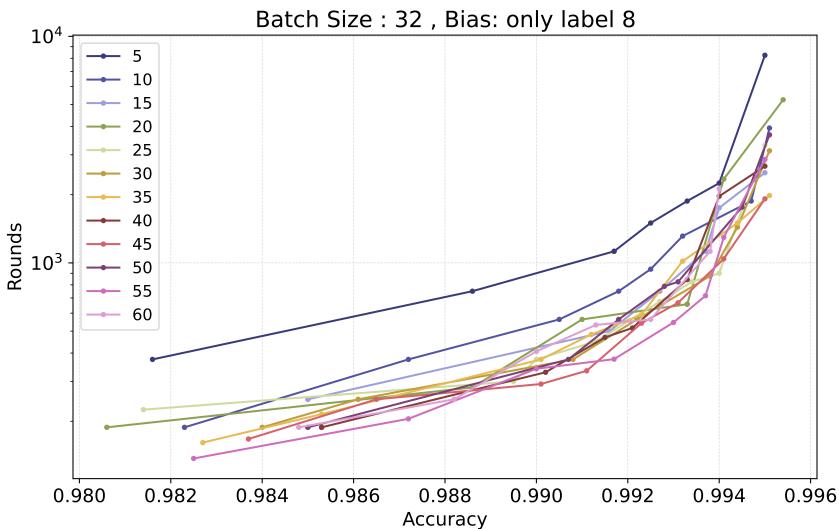
0.980

0.982

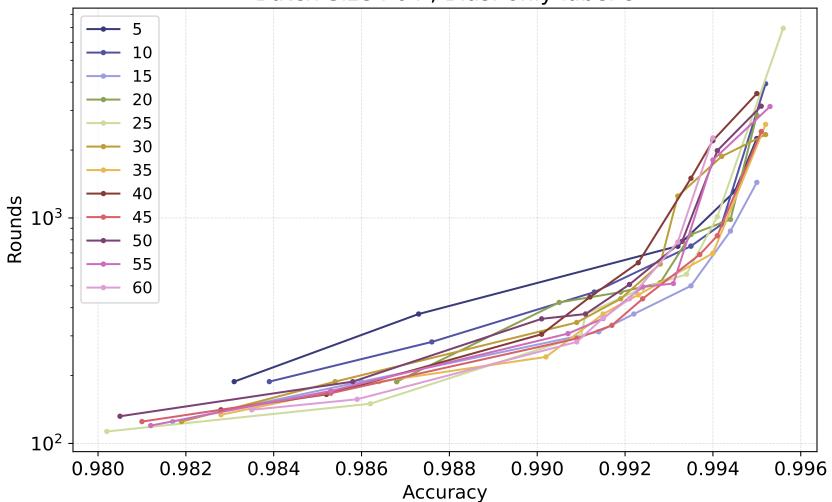
0.984

0.986

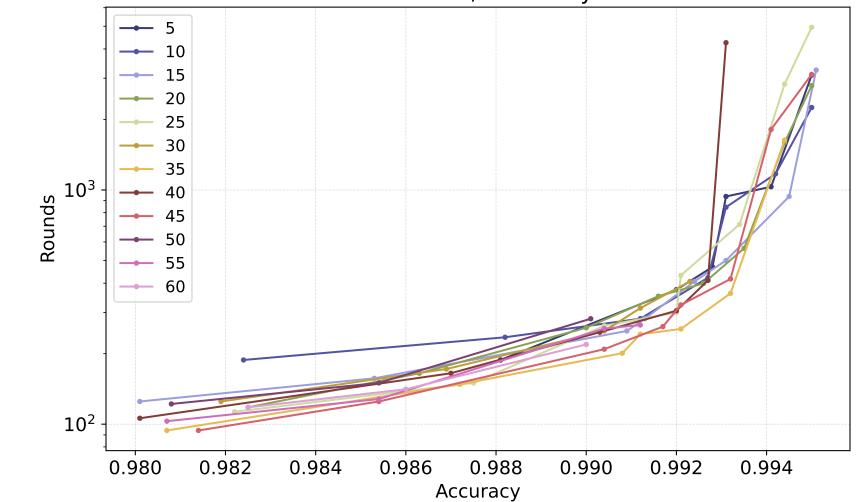
Rounds



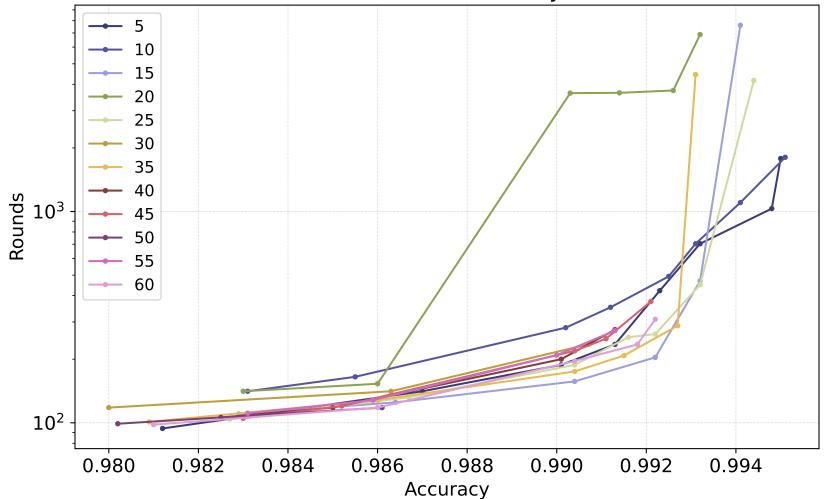
Batch Size: 64, Bias: only label 8



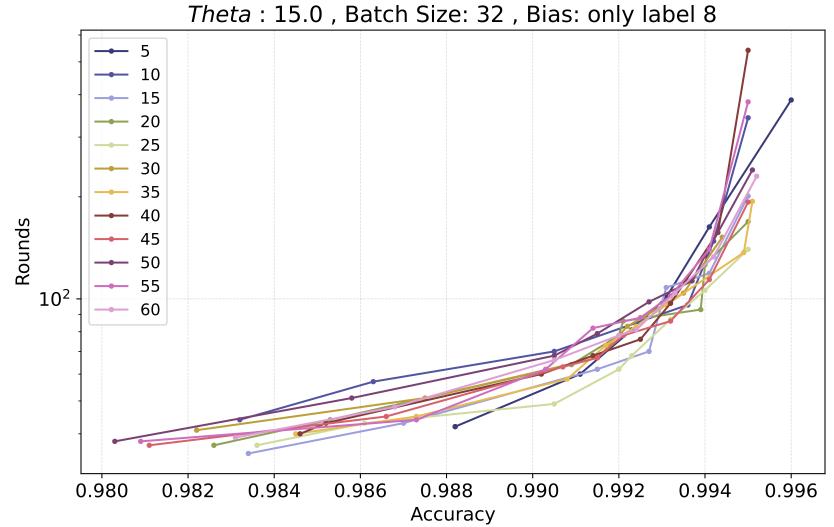
Batch Size: 128, Bias: only label 8



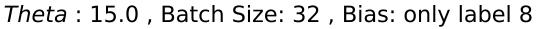
Batch Size: 256, Bias: only label 8

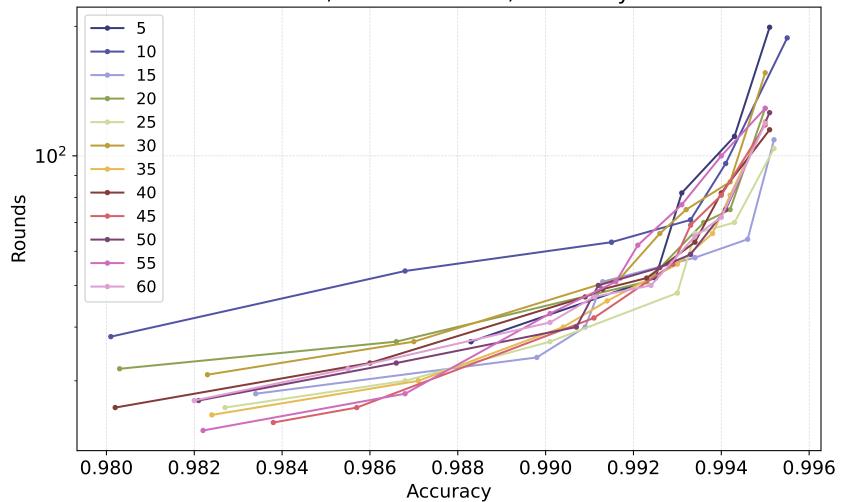


gm

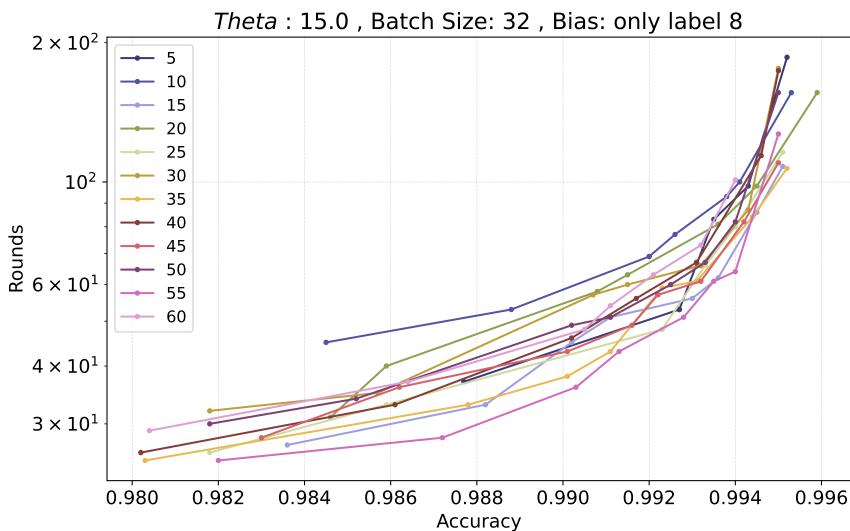


naive

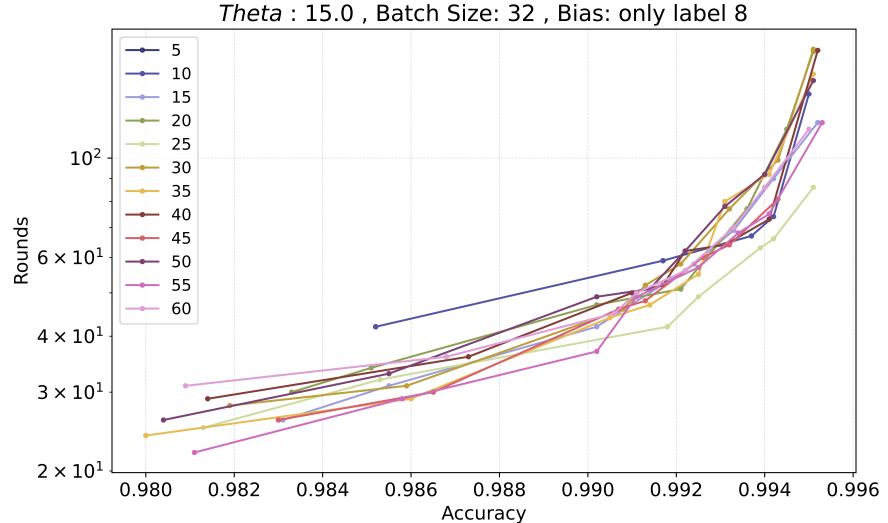




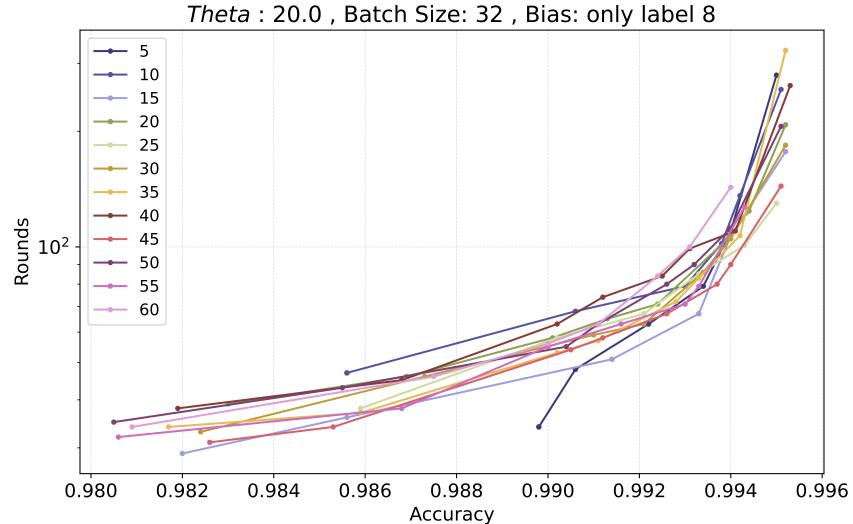
linear



sketch

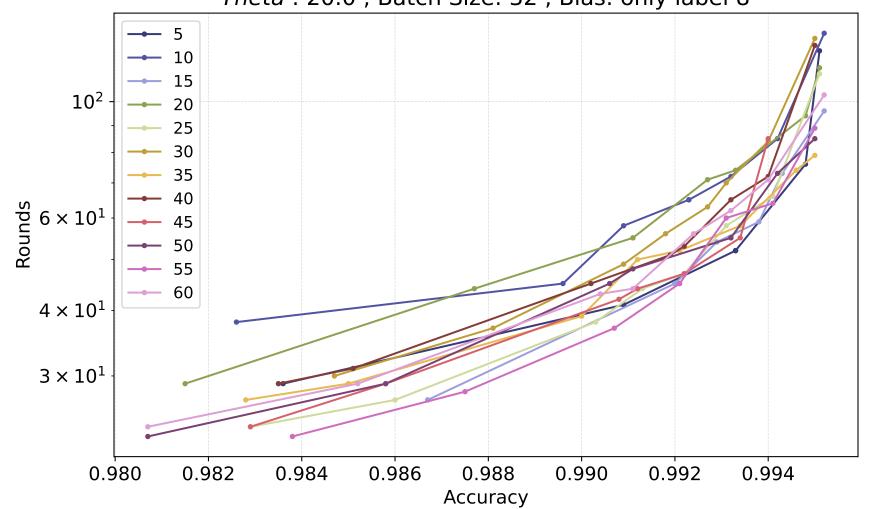


gm

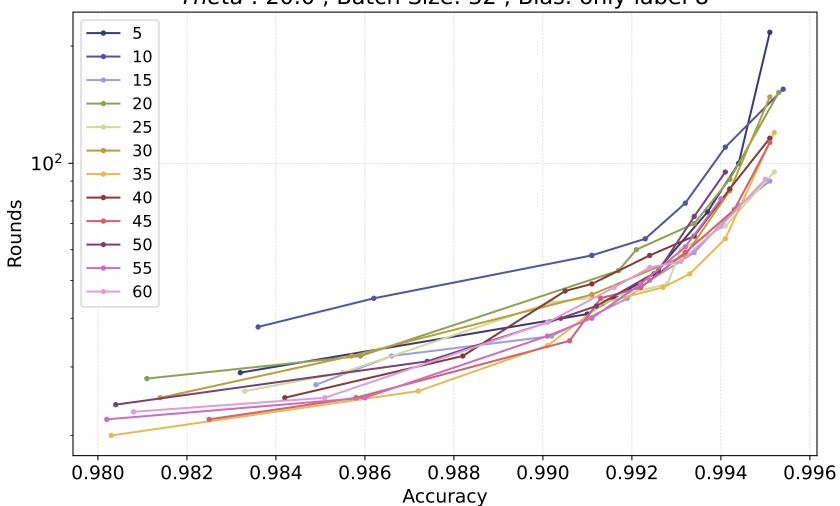


naive



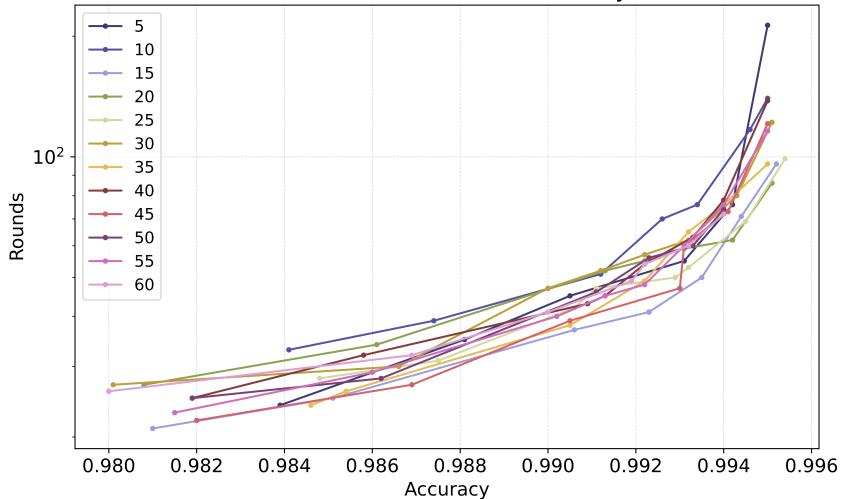


linear
Theta: 20.0, Batch Size: 32, Bias: only label 8

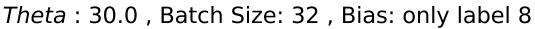


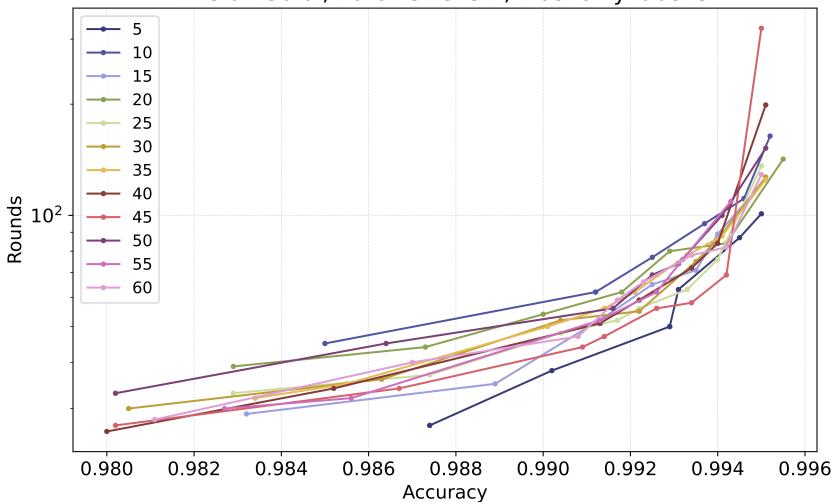
sketch

Theta: 20.0, Batch Size: 32, Bias: only label 8



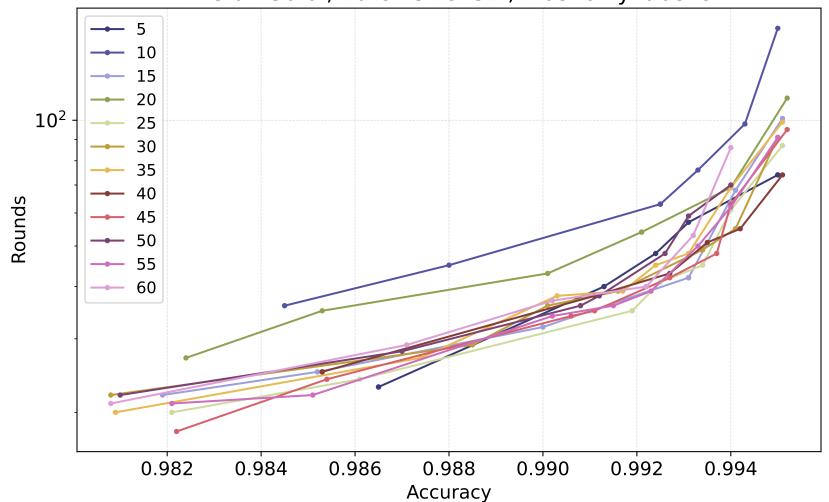
gm





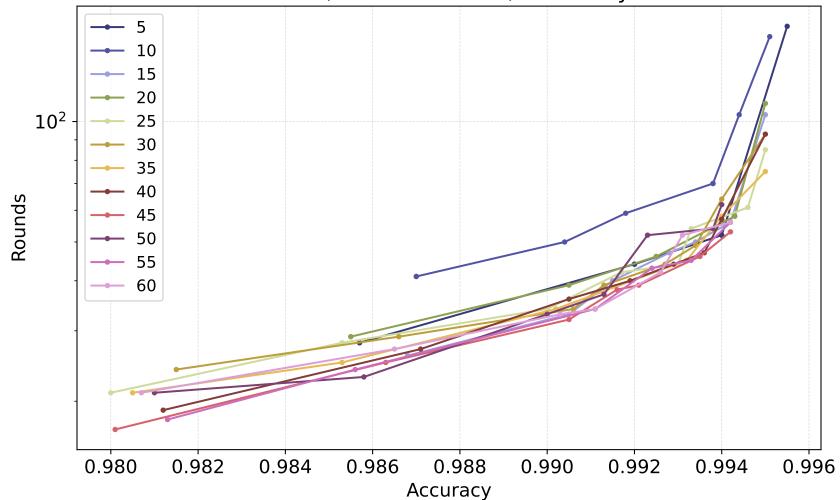
naive

Theta: 30.0, Batch Size: 32, Bias: only label 8

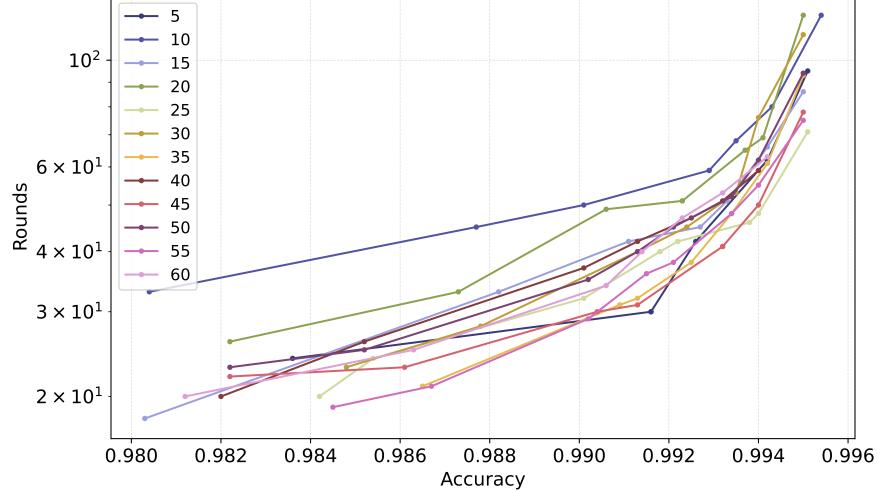


linear

Theta: 30.0, Batch Size: 32, Bias: only label 8

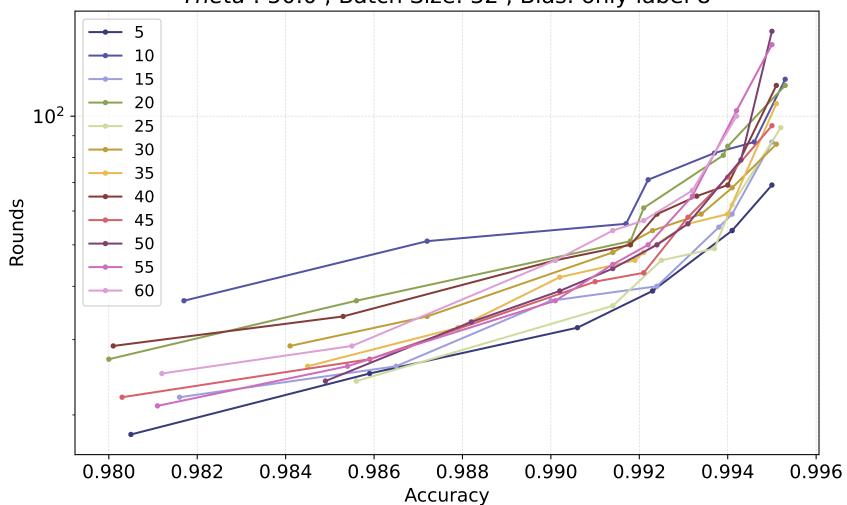


sketch Theta: 30.0, Batch Size: 32, Bias: only label 8



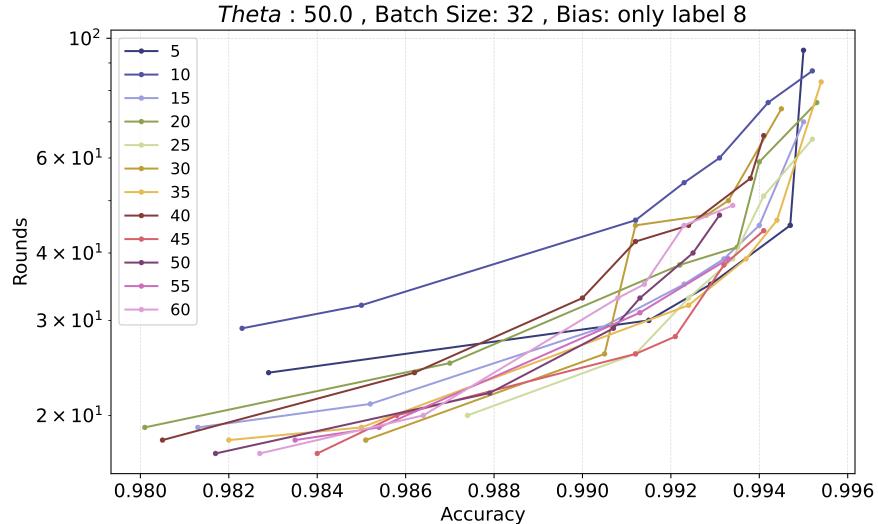
gm





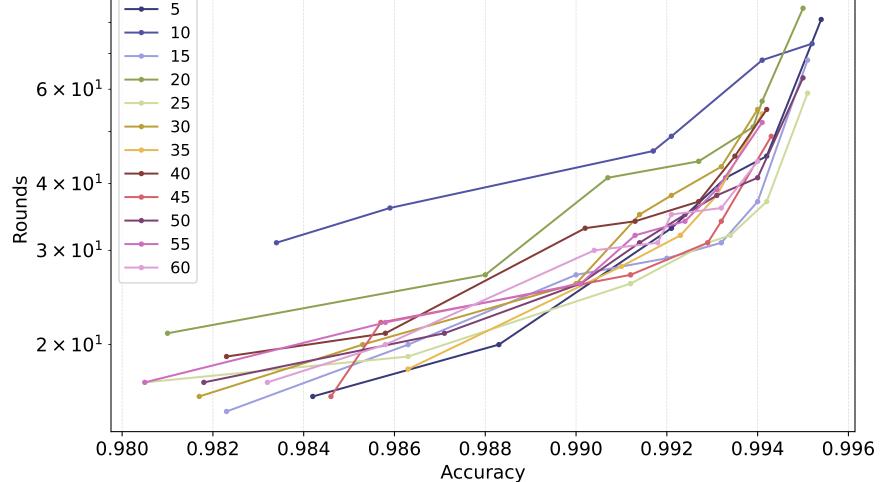
naive Theta: 50.0, Batch Size: 32, Bias: only label 8 10² 6×10^1 Rounds 4×10^{1} 3×10^{1} 2×10^{1} 0.980 0.982 0.984 0.986 0.990 0.992 0.994 0.988 0.996 Accuracy

linear



sketch

Theta: 50.0, Batch Size: 32, Bias: only label 8



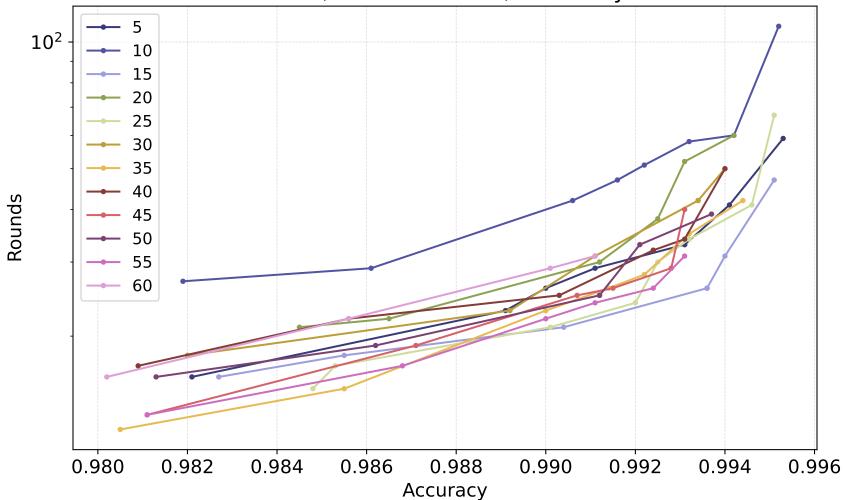
gm

Theta: 75.0, Batch Size: 32, Bias: only label 8 10² 10 6×10^{1} 60 3×10^{1} 2×10^{1} 0.982 0.984 0.986 0.990 0.992 0.994 0.988

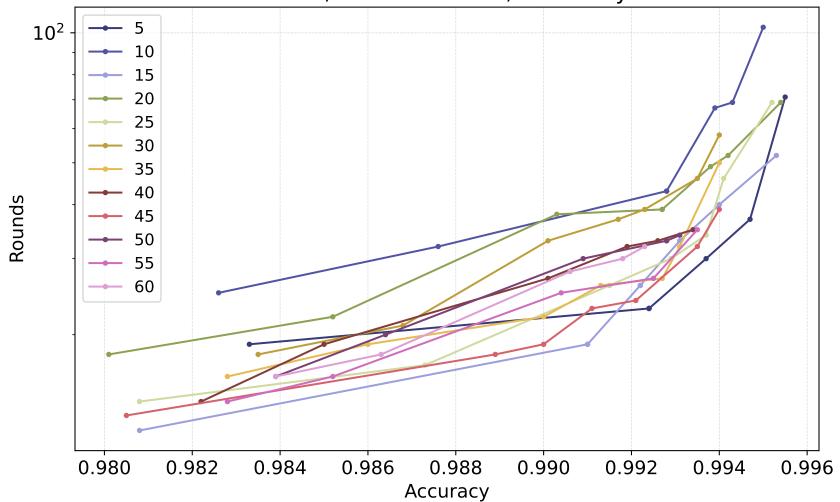
Accuracy

naive

Theta: 75.0, Batch Size: 32, Bias: only label 8

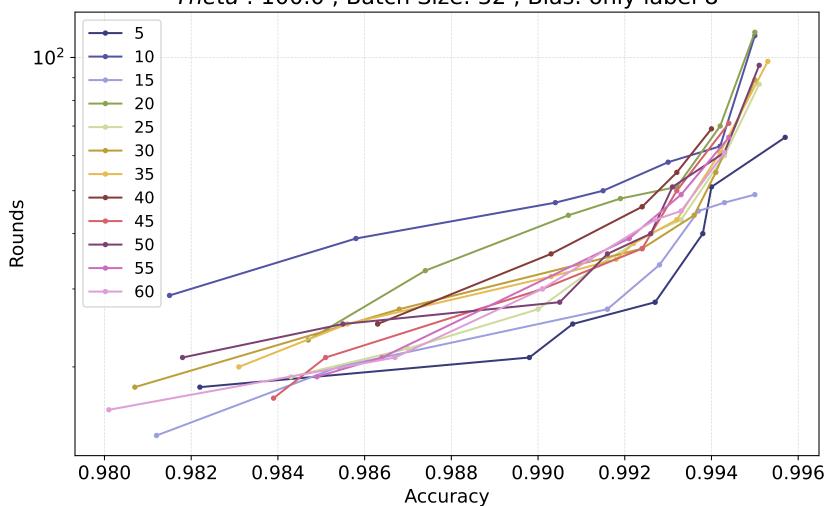


linear
Theta: 75.0, Batch Size: 32, Bias: only label 8

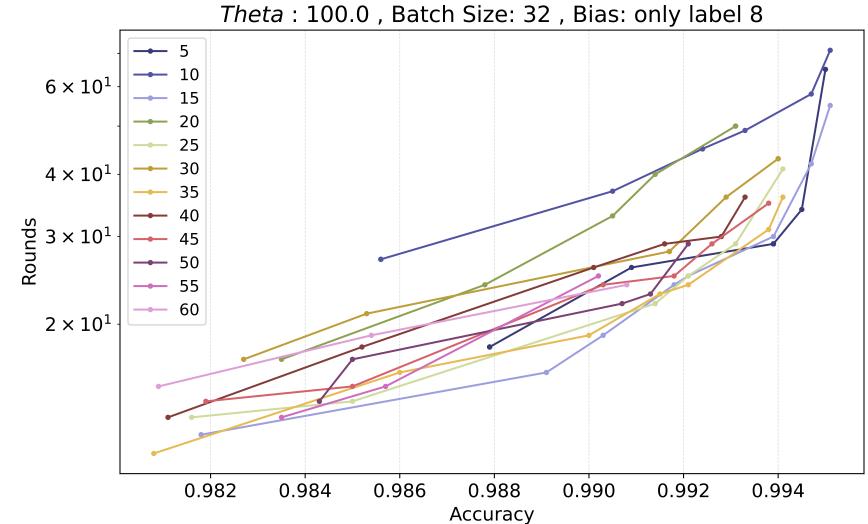


sketch Theta: 75.0, Batch Size: 32, Bias: only label 8 10² 6×10^1 8 4 × 10¹ 3 × 10¹ 60 2×10^{1} 0.980 0.982 0.984 0.986 0.988 0.990 0.992 0.994 0.996 Accuracy

gm *Theta*: 100.0, Batch Size: 32, Bias: only label 8

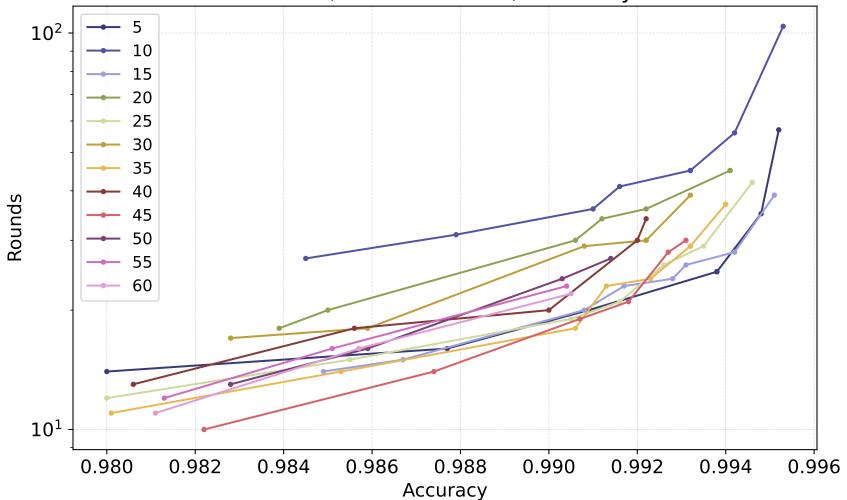


naive



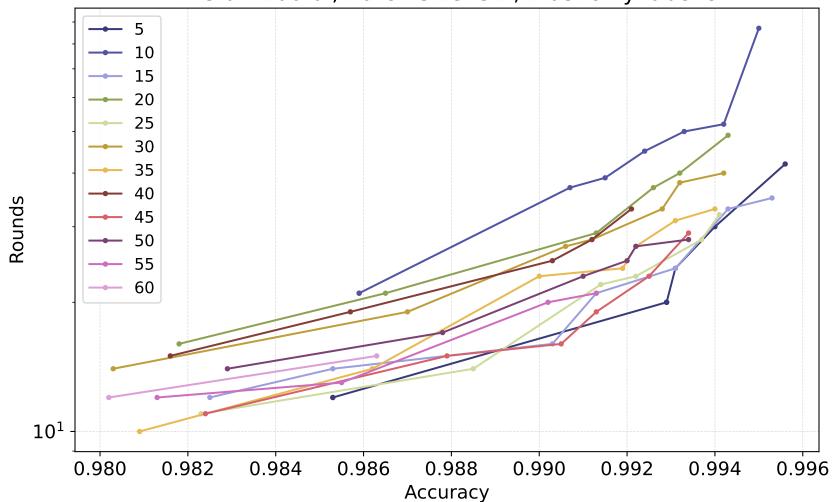
linear

Theta: 100.0, Batch Size: 32, Bias: only label 8

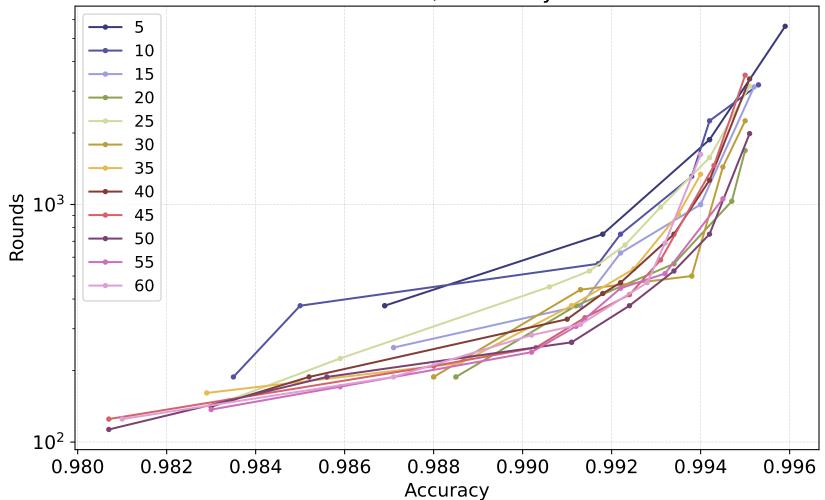


sketch

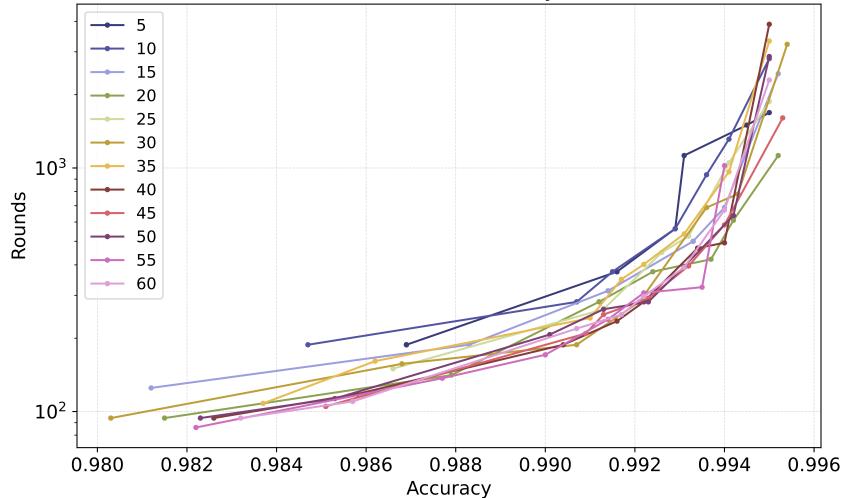
Theta: 100.0, Batch Size: 32, Bias: only label 8



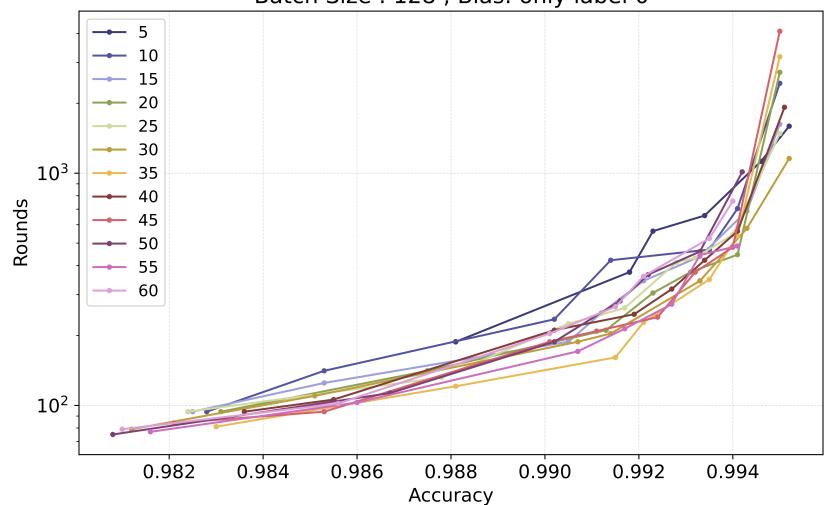
Batch Size: 32, Bias: only label 0



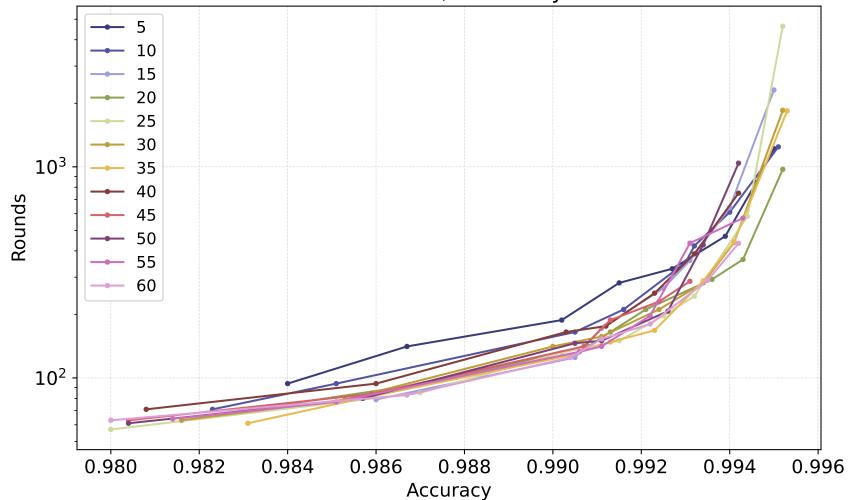
Batch Size: 64, Bias: only label 0



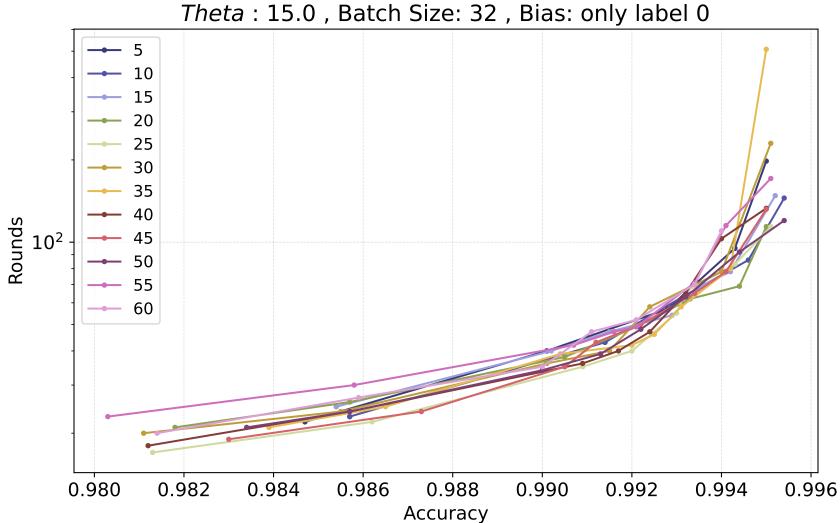
Batch Size: 128, Bias: only label 0





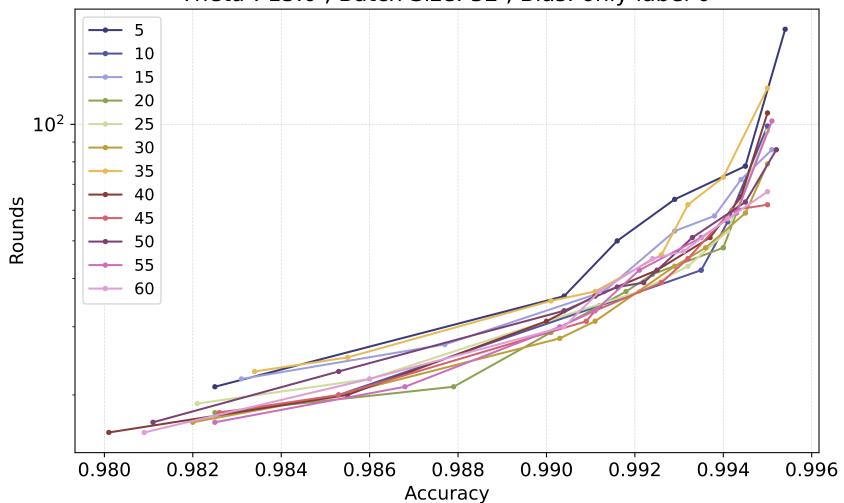


gm

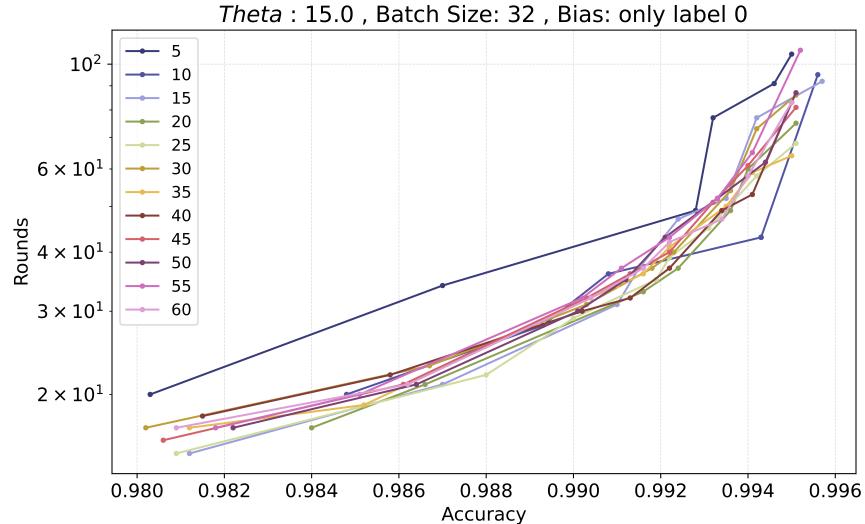


naive

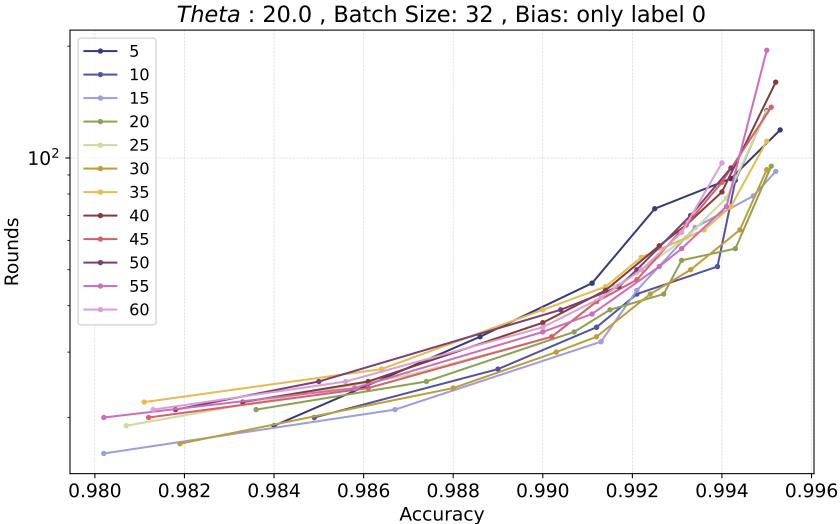




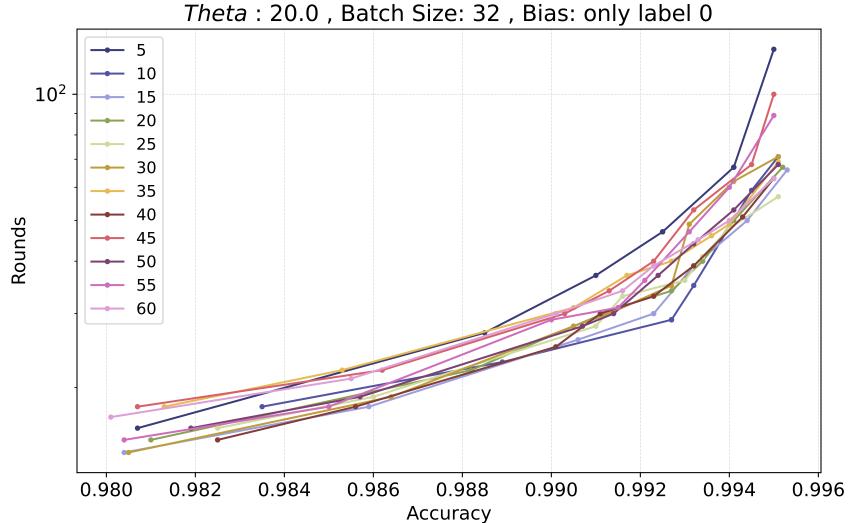
linear



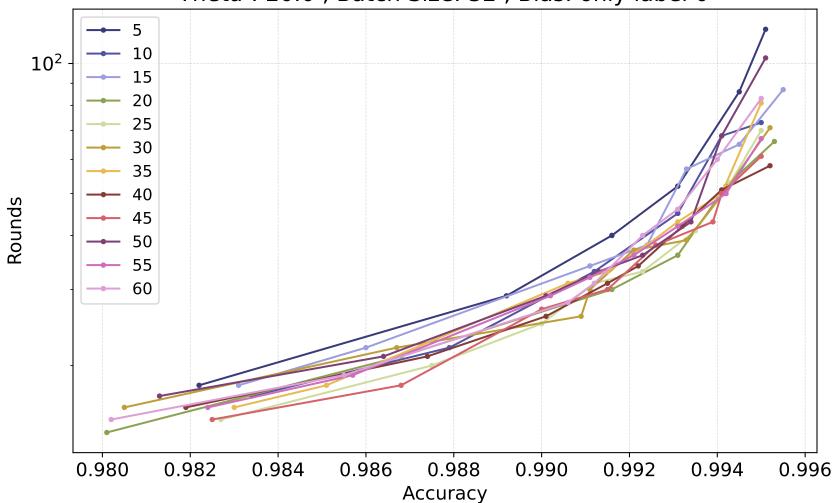
gm



naive

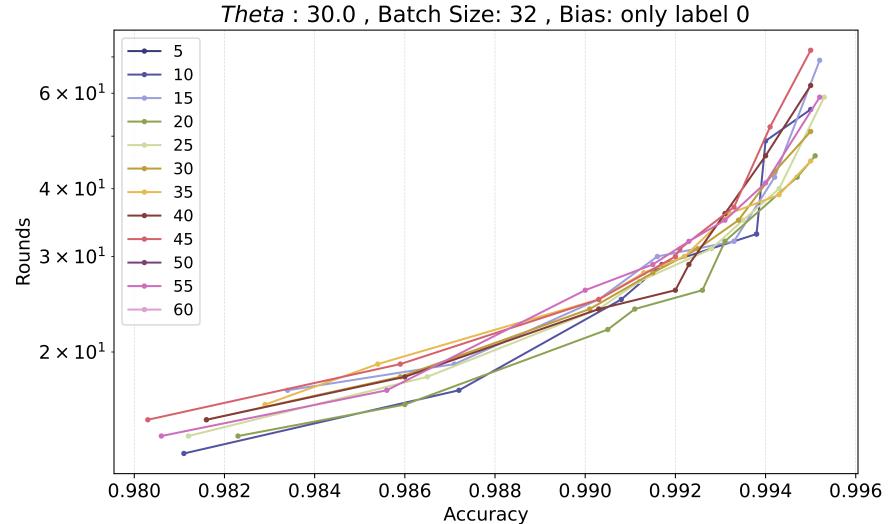


linear
Theta: 20.0, Batch Size: 32, Bias: only label 0

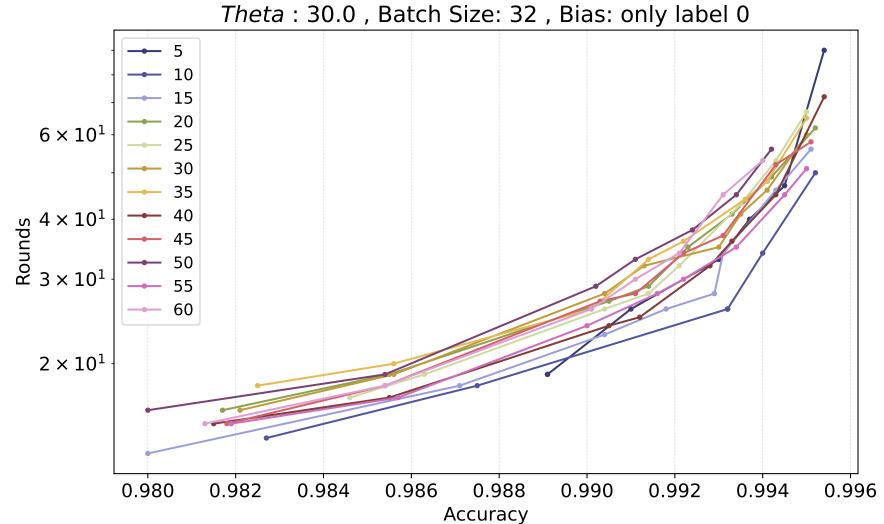


gm Theta: 30.0, Batch Size: 32, Bias: only label 0 10² 6×10^{1} Rounds 4×10^{1} 3×10^{1} 60 2×10^{1} 0.982 0.980 0.984 0.986 0.988 0.990 0.992 0.996 0.994 Accuracy

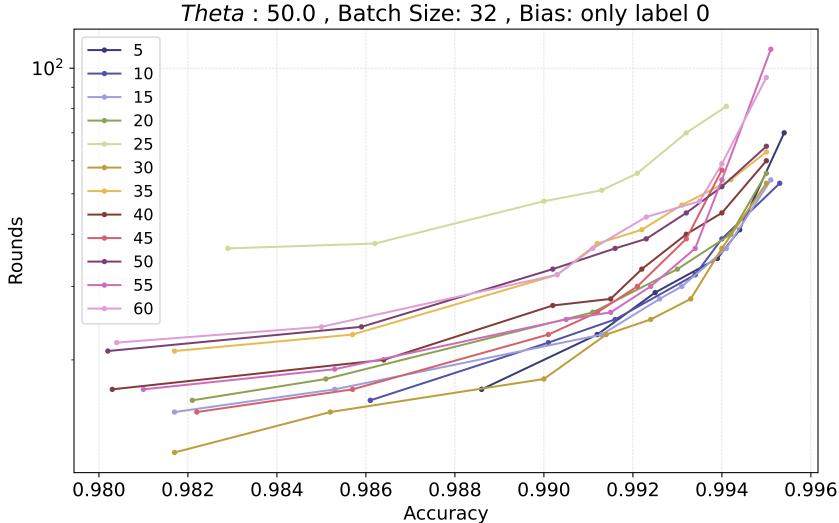
naive *Theta* : 30.0 , Batch Size: 3



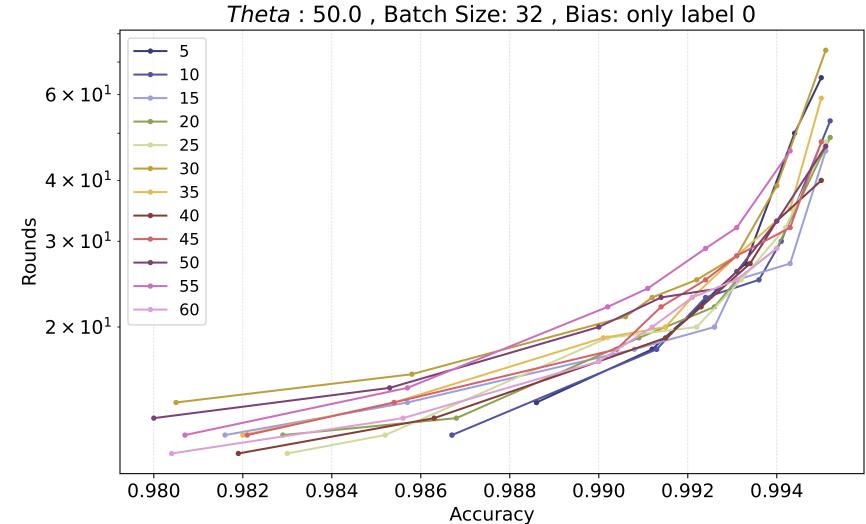
linear



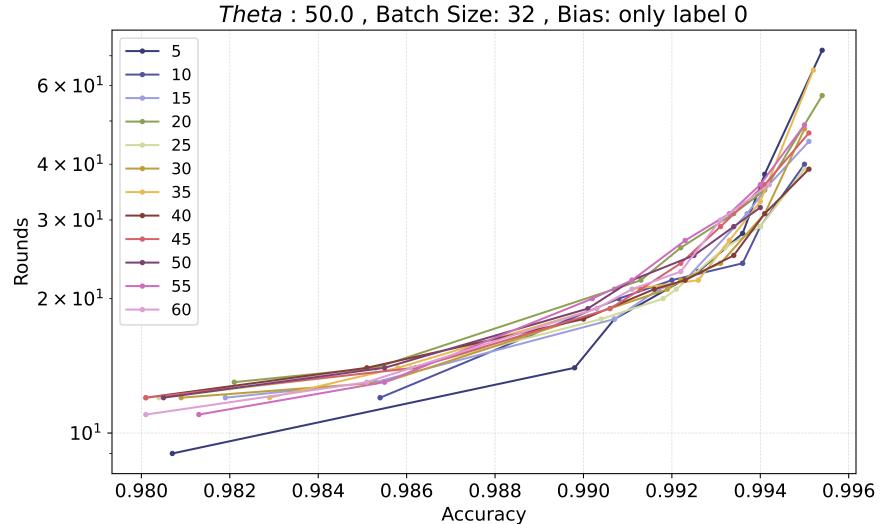
gm



naive

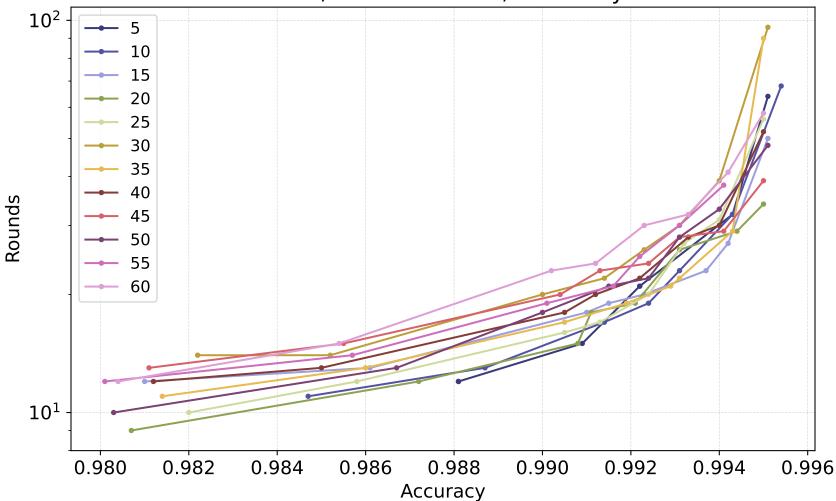


linear *heta* : 50.0 , Batch Size: 3

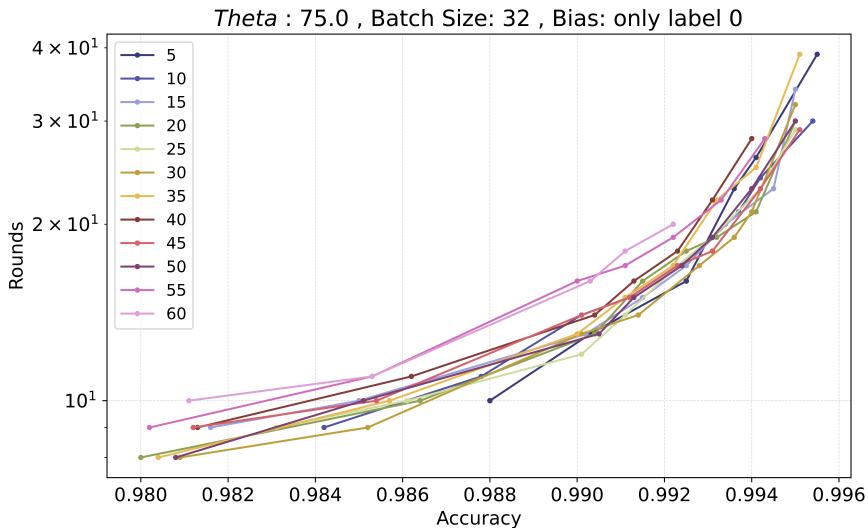


gm

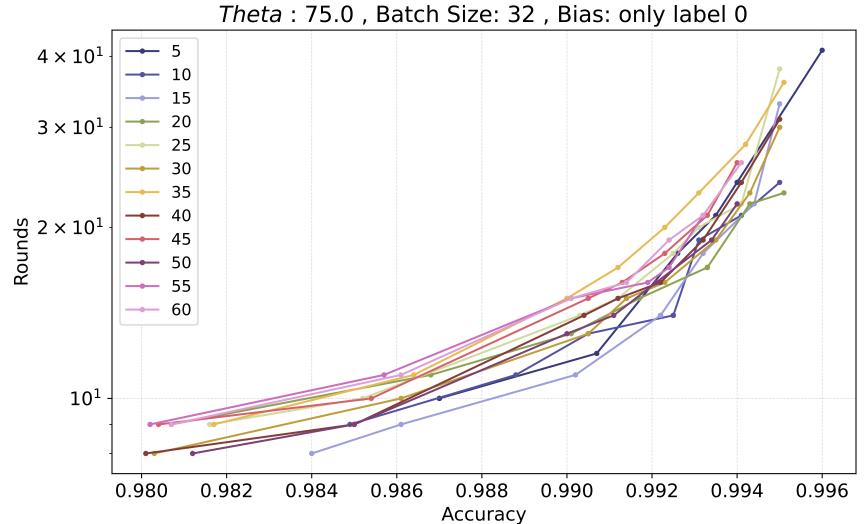
Theta: 75.0, Batch Size: 32, Bias: only label 0



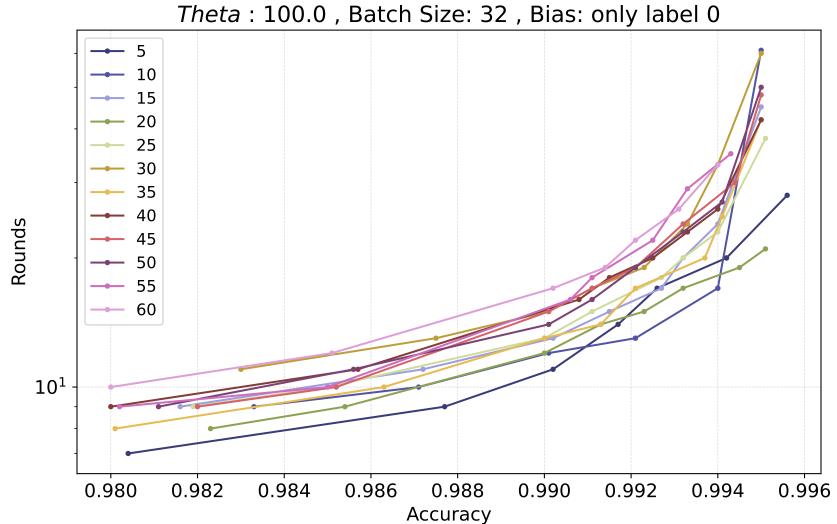
naive



linear



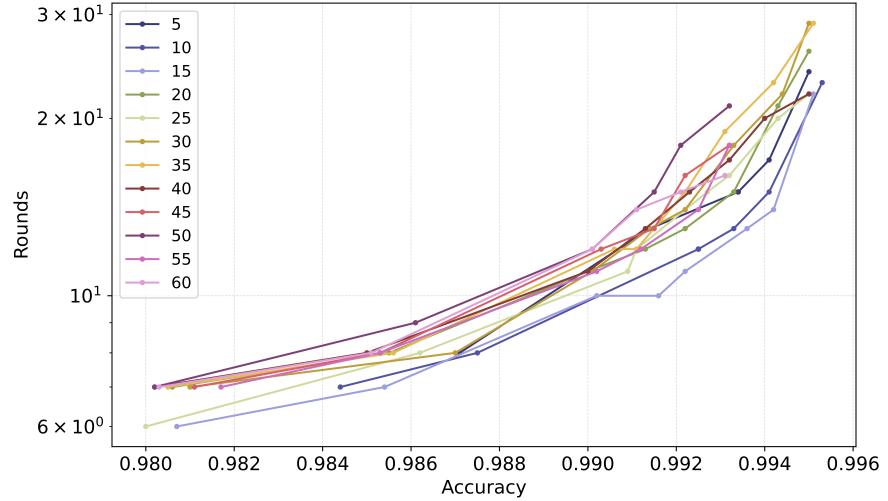
gm



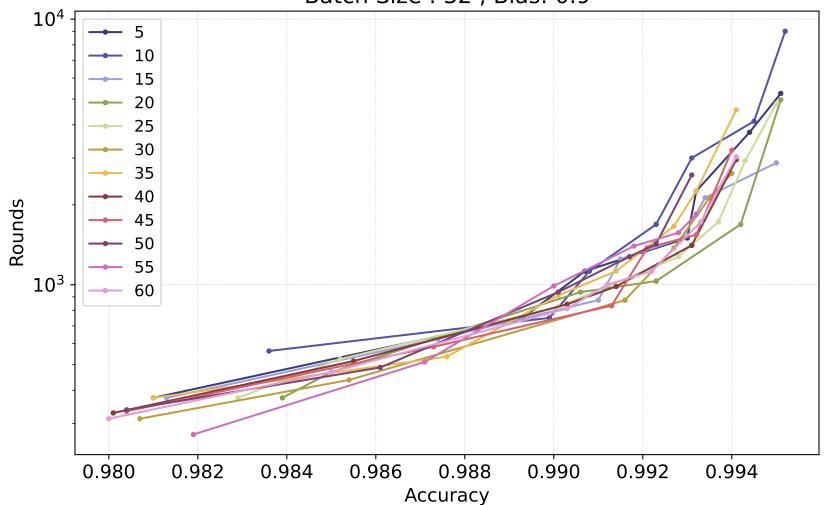
naive Theta: 100.0, Batch Size: 32, Bias: only label 0 4×10^{1} 3×10^{1} 2×10^{1} Rounds 55 60 10¹ 6×10^{0} 0.982 0.980 0.984 0.990 0.992 0.996 0.986 0.988 0.994 Accuracy

linear

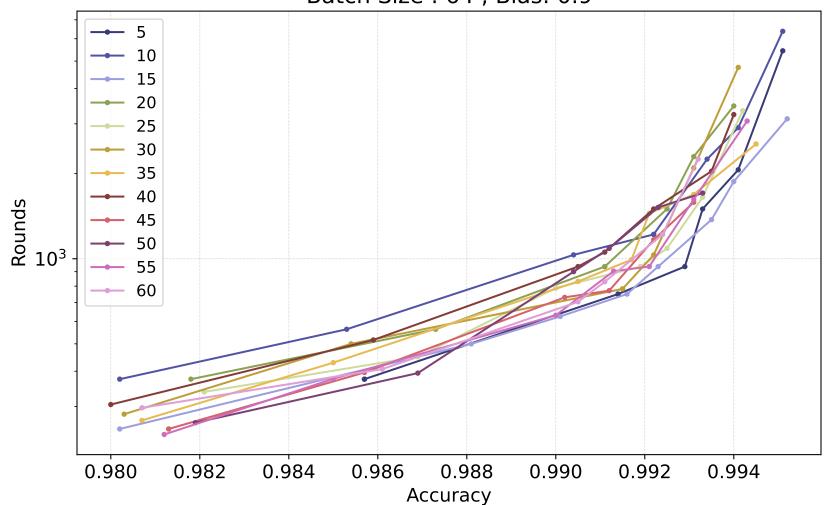
Theta: 100.0, Batch Size: 32, Bias: only label 0



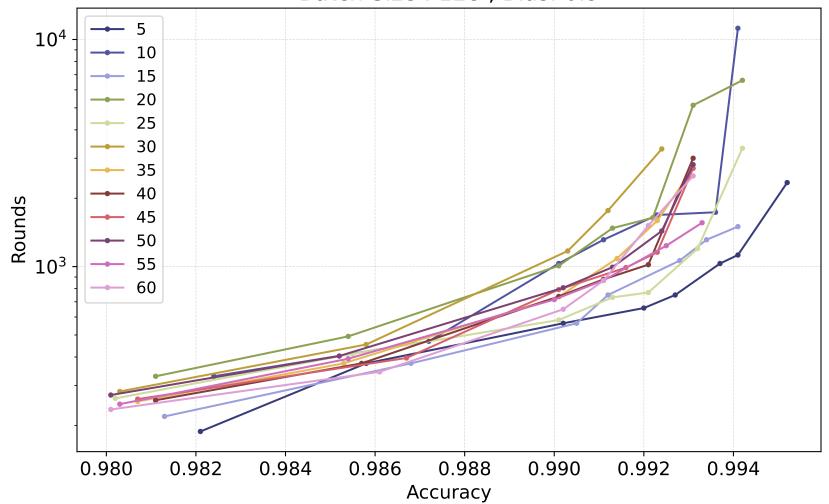
Batch Size: 32, Bias: 0.9



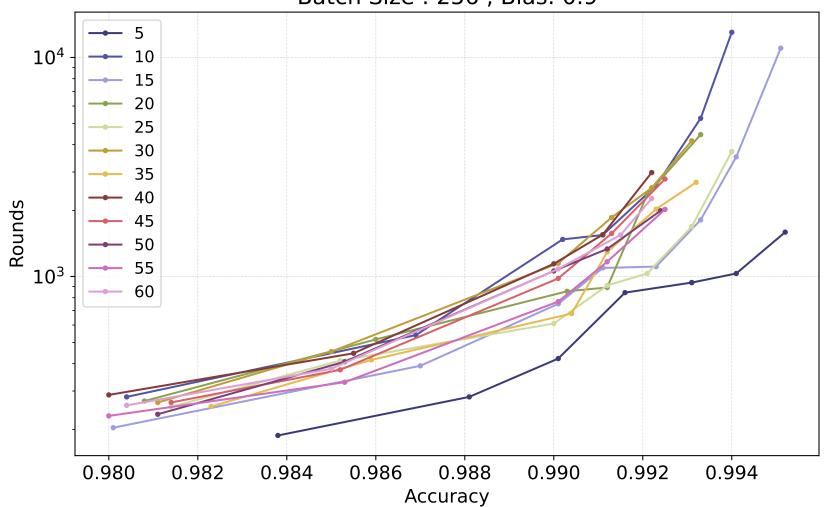
Batch Size: 64, Bias: 0.9



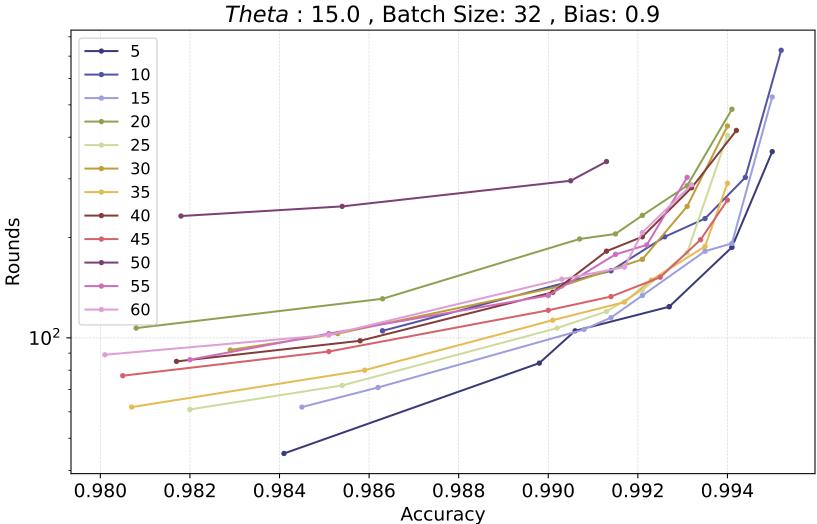
Batch Size: 128, Bias: 0.9



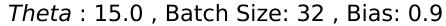
Batch Size: 256, Bias: 0.9

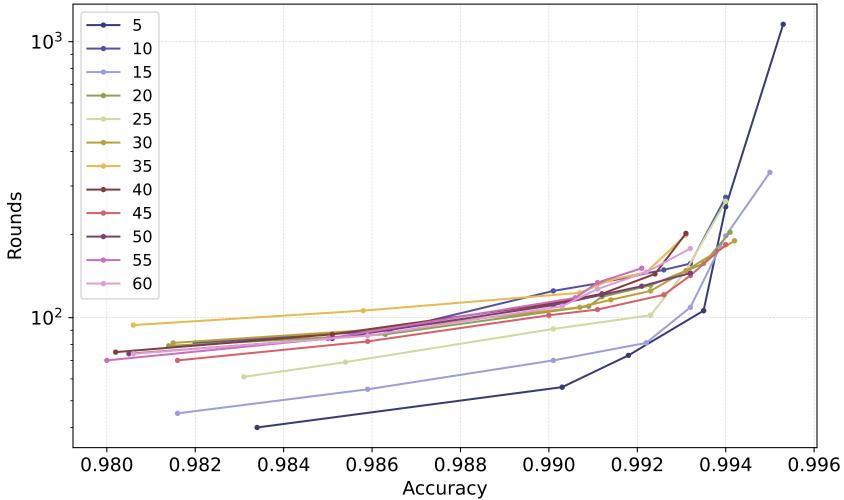


gm sota : 15.0 Patch Size

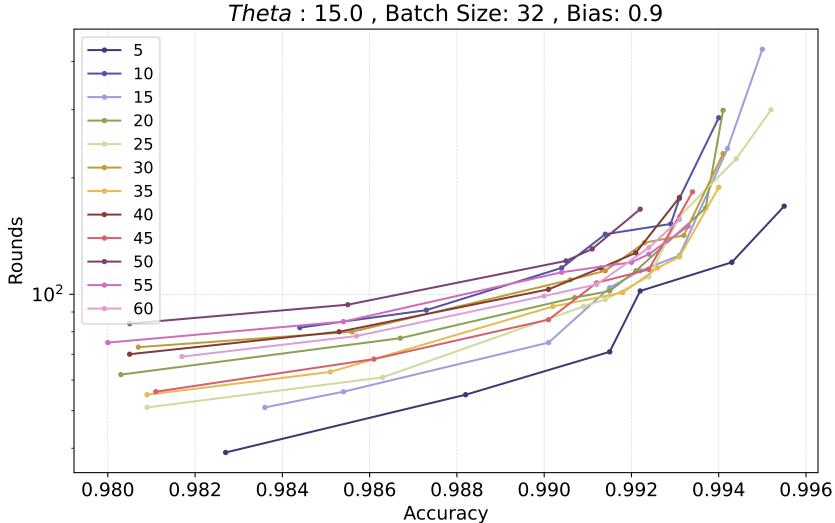


naive



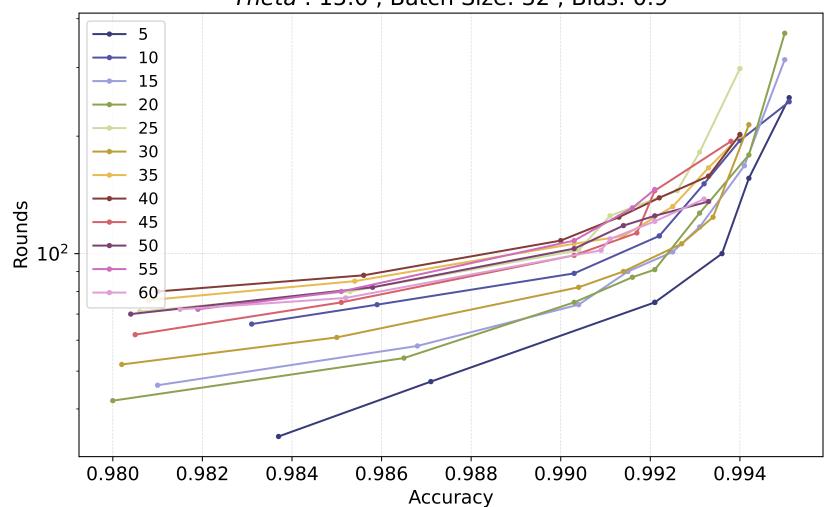


linear

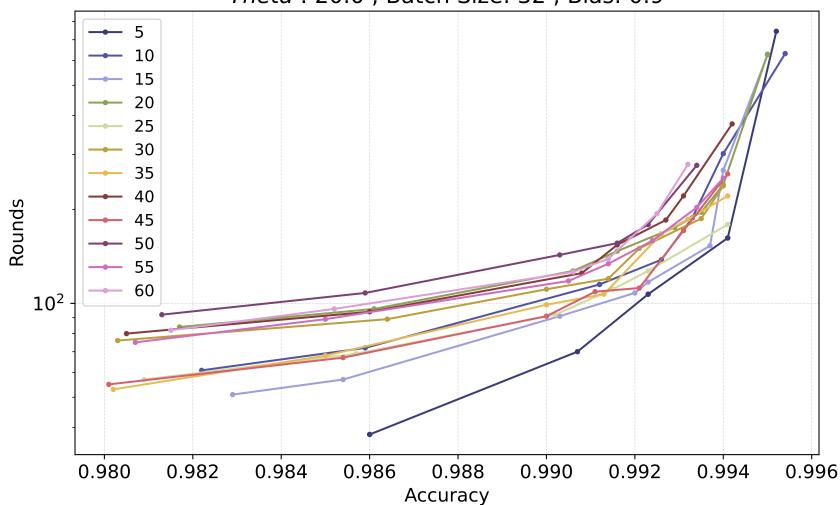


sketch

Theta: 15.0, Batch Size: 32, Bias: 0.9

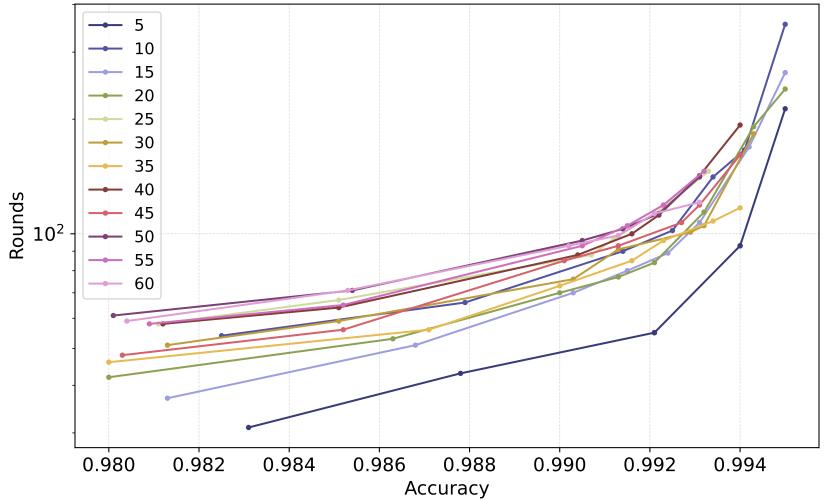


gm *Theta*: 20.0, Batch Size: 32, Bias: 0.9

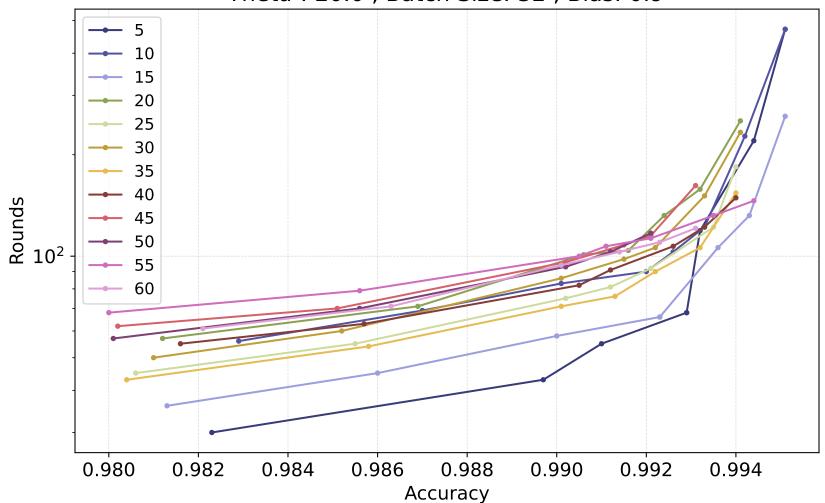


naive





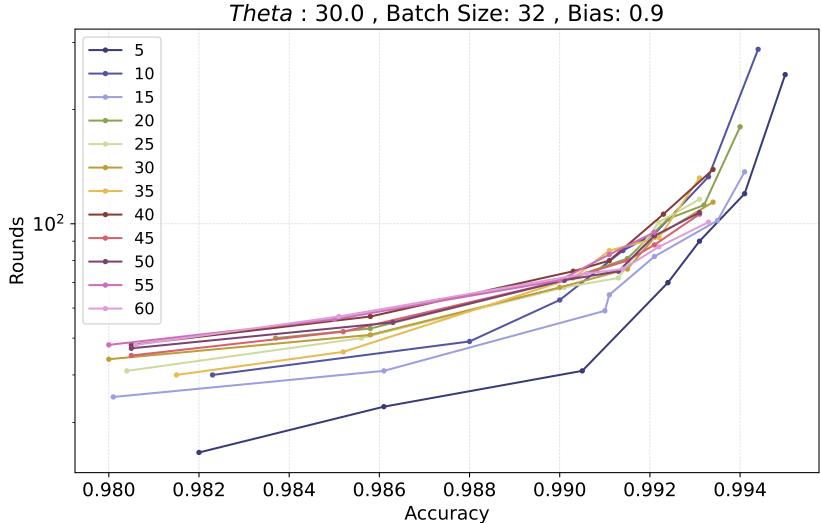
linear
Theta: 20.0, Batch Size: 32, Bias: 0.9



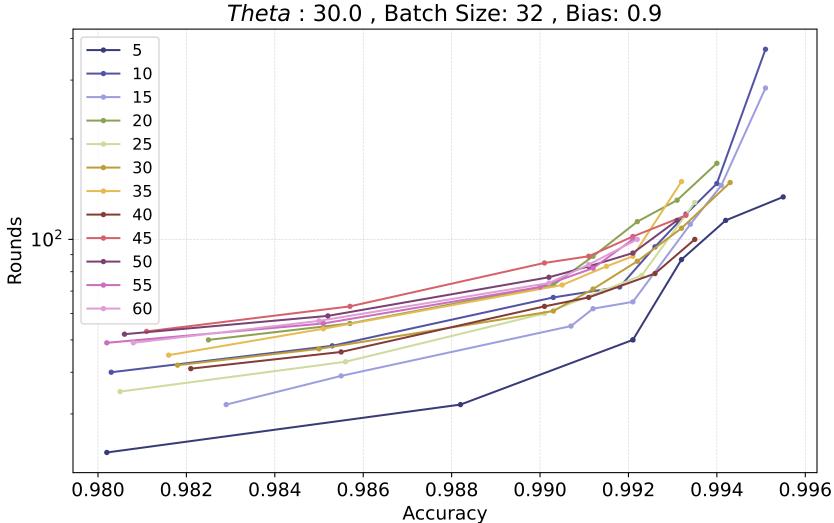
gm Theta: 30.0, Batch Size: 32, Bias: 0.9 10 Rounds 10² 20 25 30 35 40 45 50 55 **60** 0.980 0.982 0.984 0.986 0.988 0.990 0.992 0.994 0.996

Accuracy

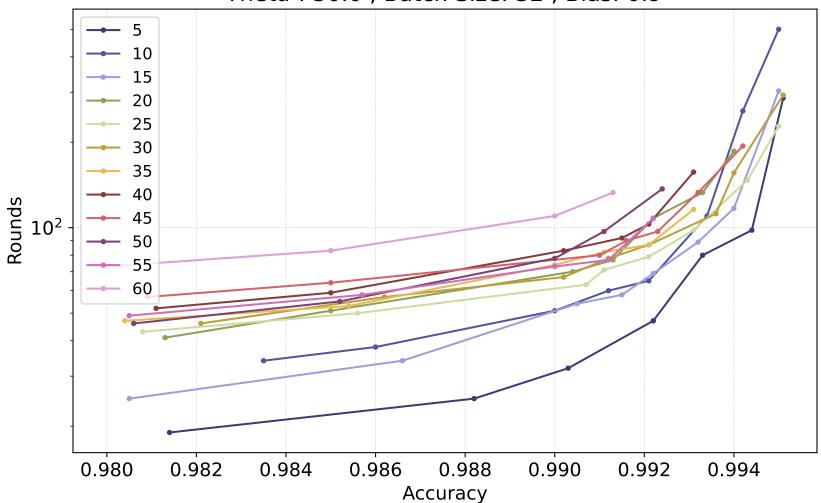
naive



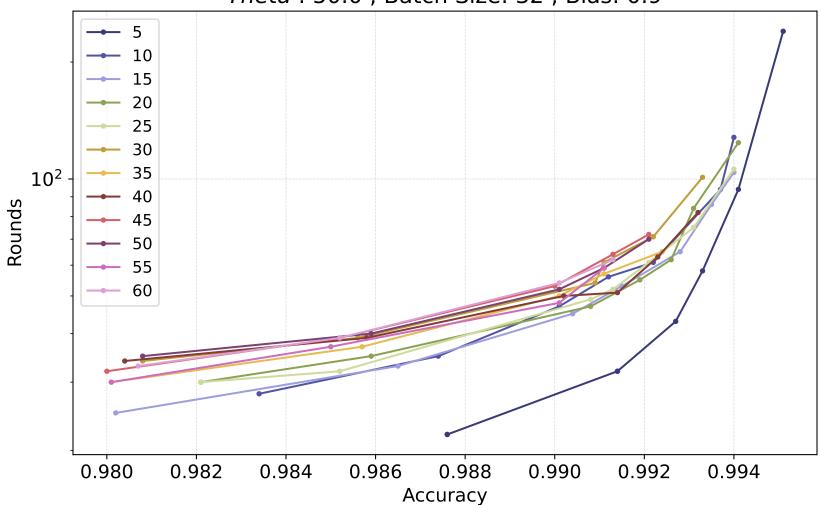
linear



gm
Theta: 50.0, Batch Size: 32, Bias: 0.9

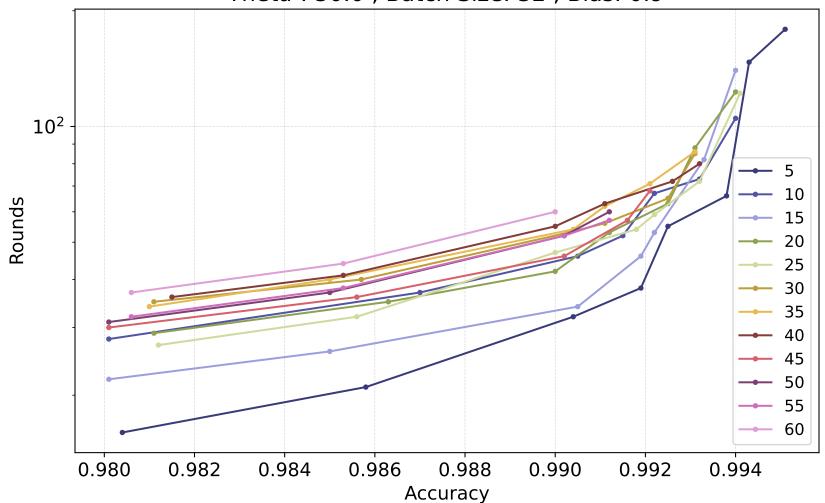


naive Theta: 50.0, Batch Size: 32, Bias: 0.9

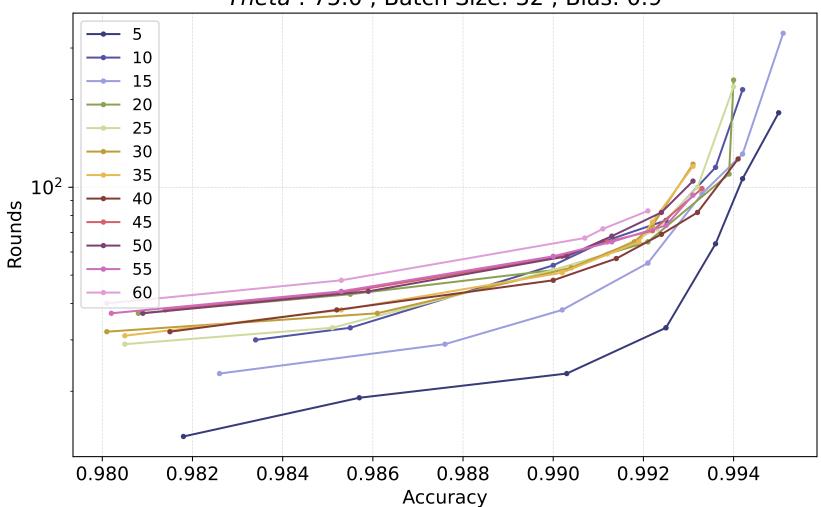


linear

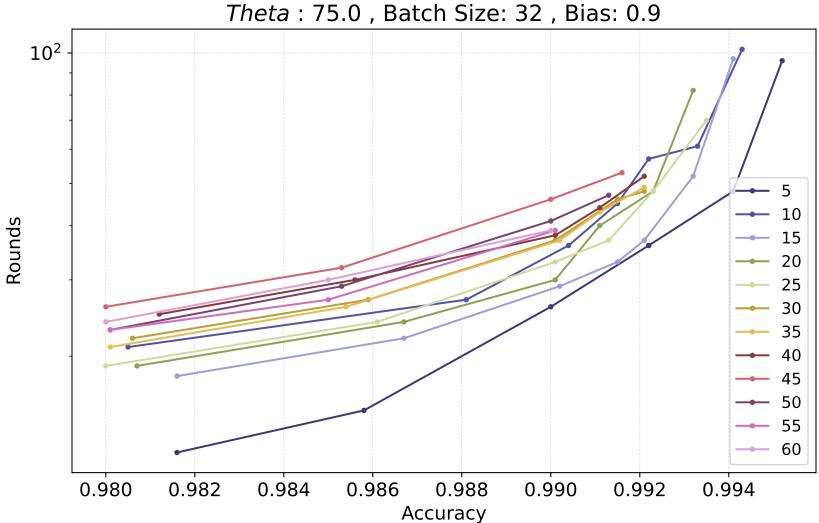
Theta: 50.0, Batch Size: 32, Bias: 0.9



gm
Theta: 75.0, Batch Size: 32, Bias: 0.9

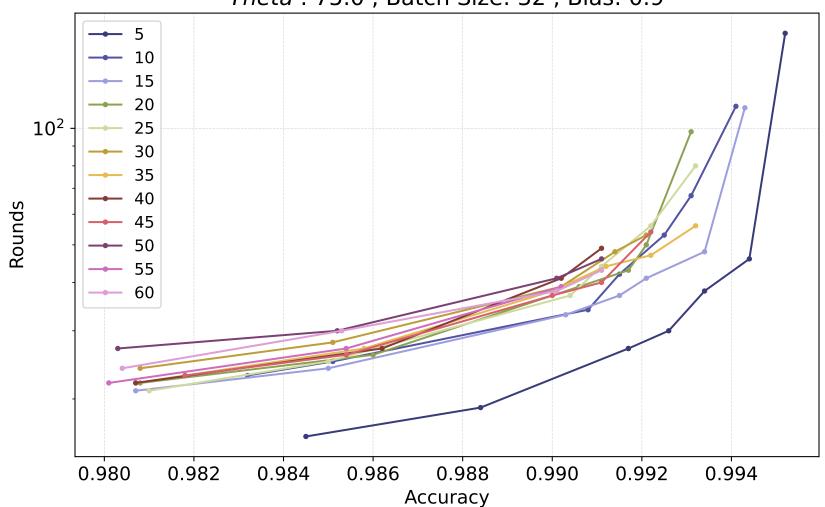


naive

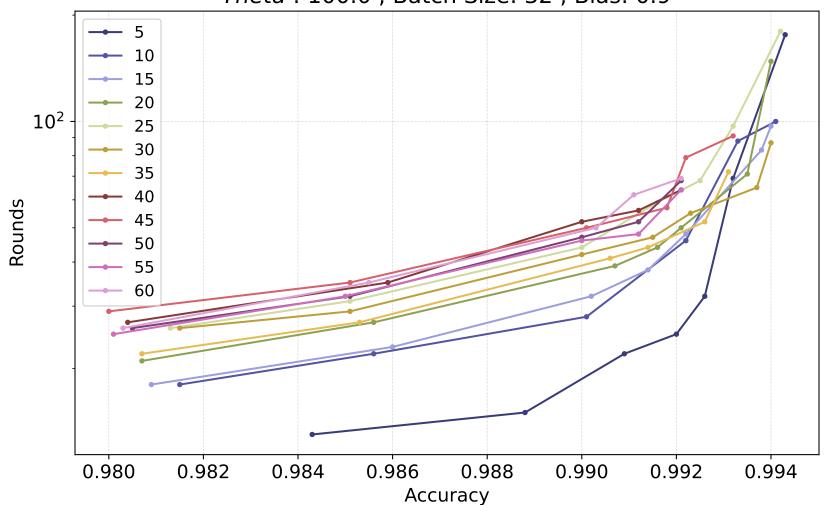


linear

Theta: 75.0, Batch Size: 32, Bias: 0.9



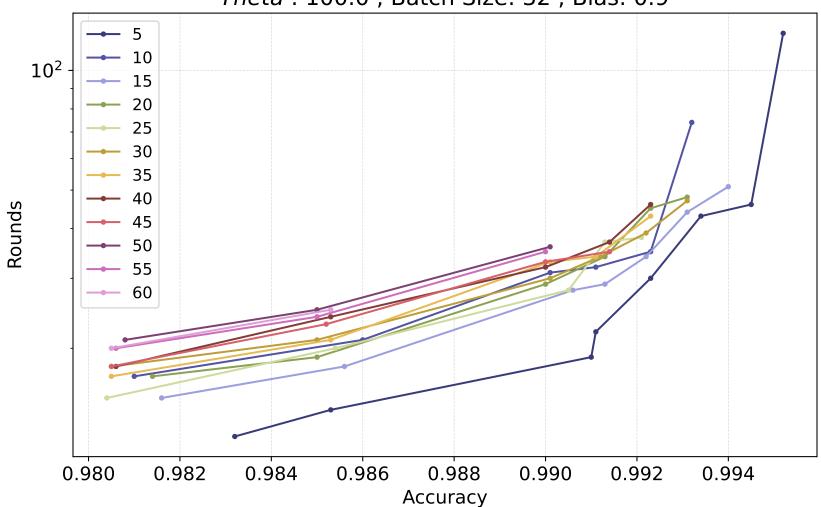
gm *Theta*: 100.0, Batch Size: 32, Bias: 0.9



naive Theta: 100.0, Batch Size: 32, Bias: 0.9 10² 6×10^{1} spunog 4 × 10¹ 60 2×10^{1} 0.980 0.982 0.986 0.984 0.990 0.992 0.994 0.988 Accuracy

linear

Theta: 100.0, Batch Size: 32, Bias: 0.9



sketch *Theta*: 100.0, Batch Size: 32, Bias: 0.9

