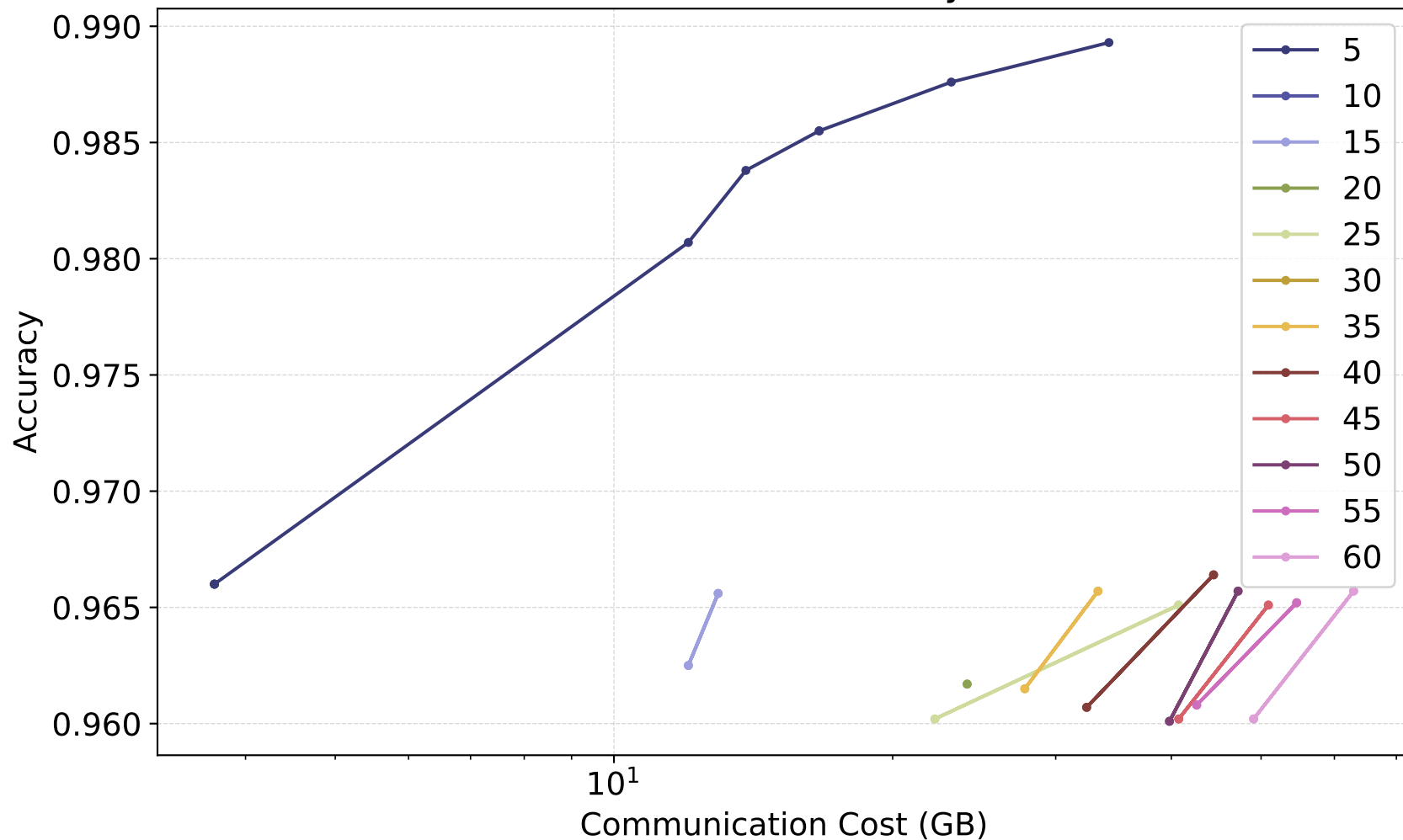
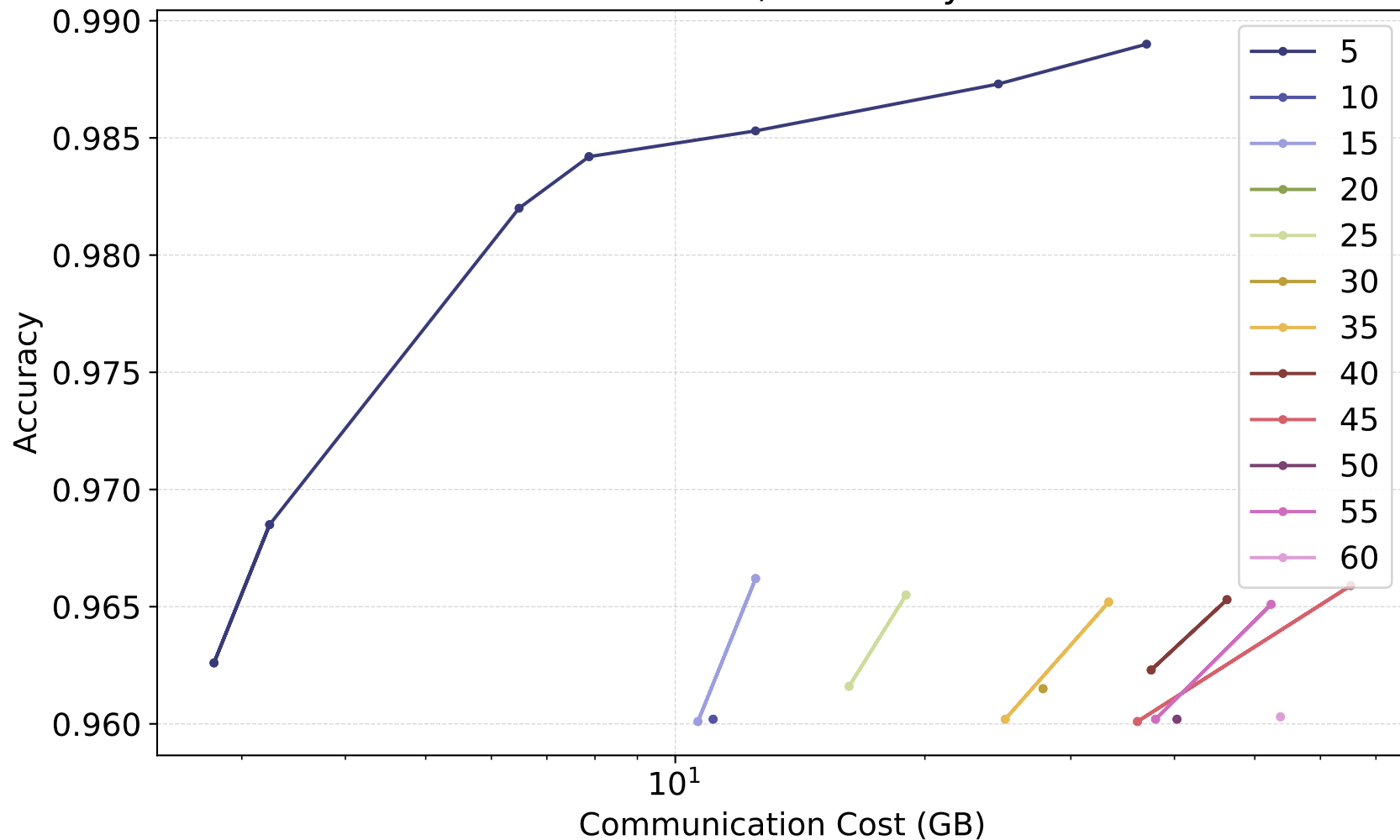


synchronous  
Batch Size : 32 , Bias: only label 8



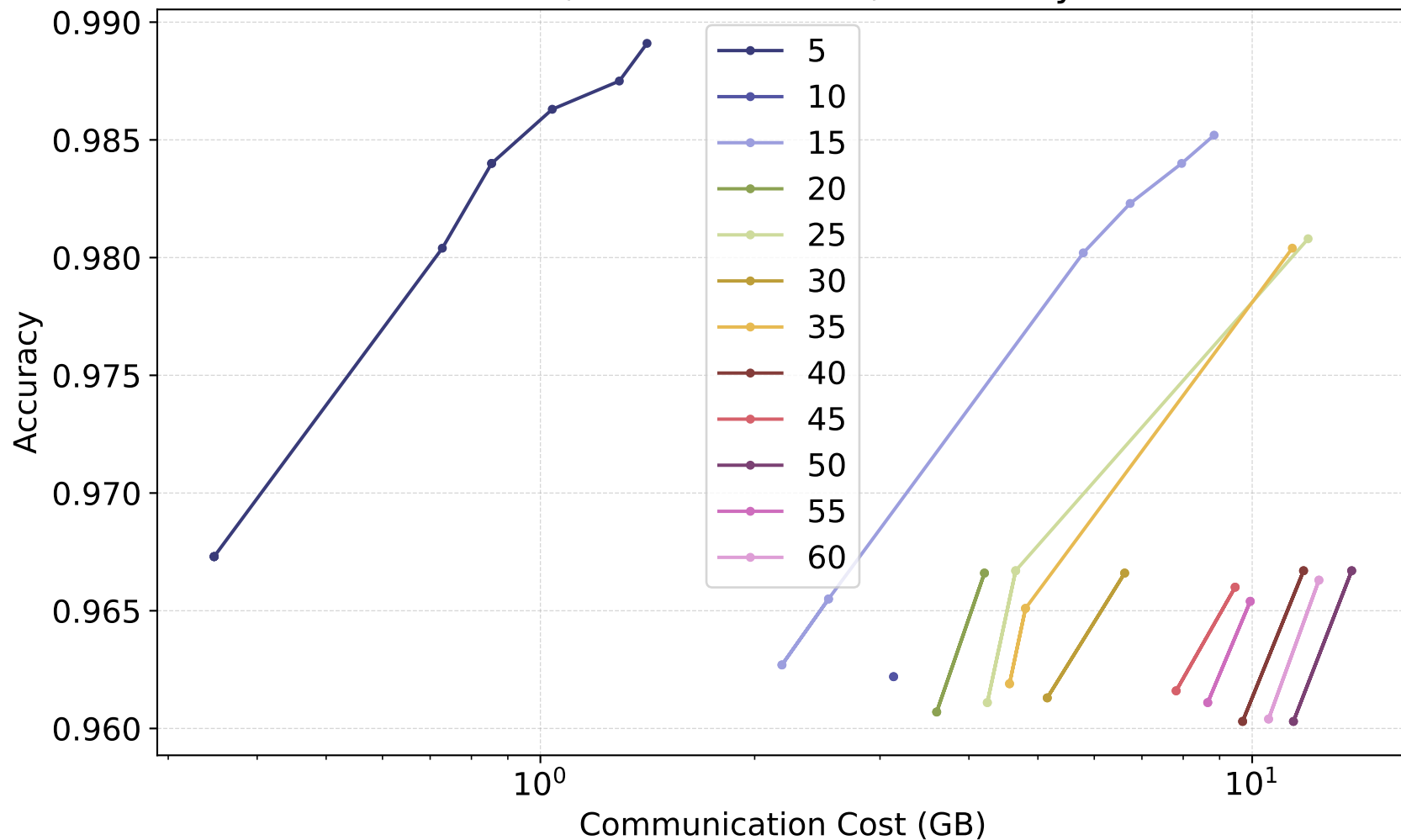
synchronous  
Batch Size : 64 , Bias: only label 8



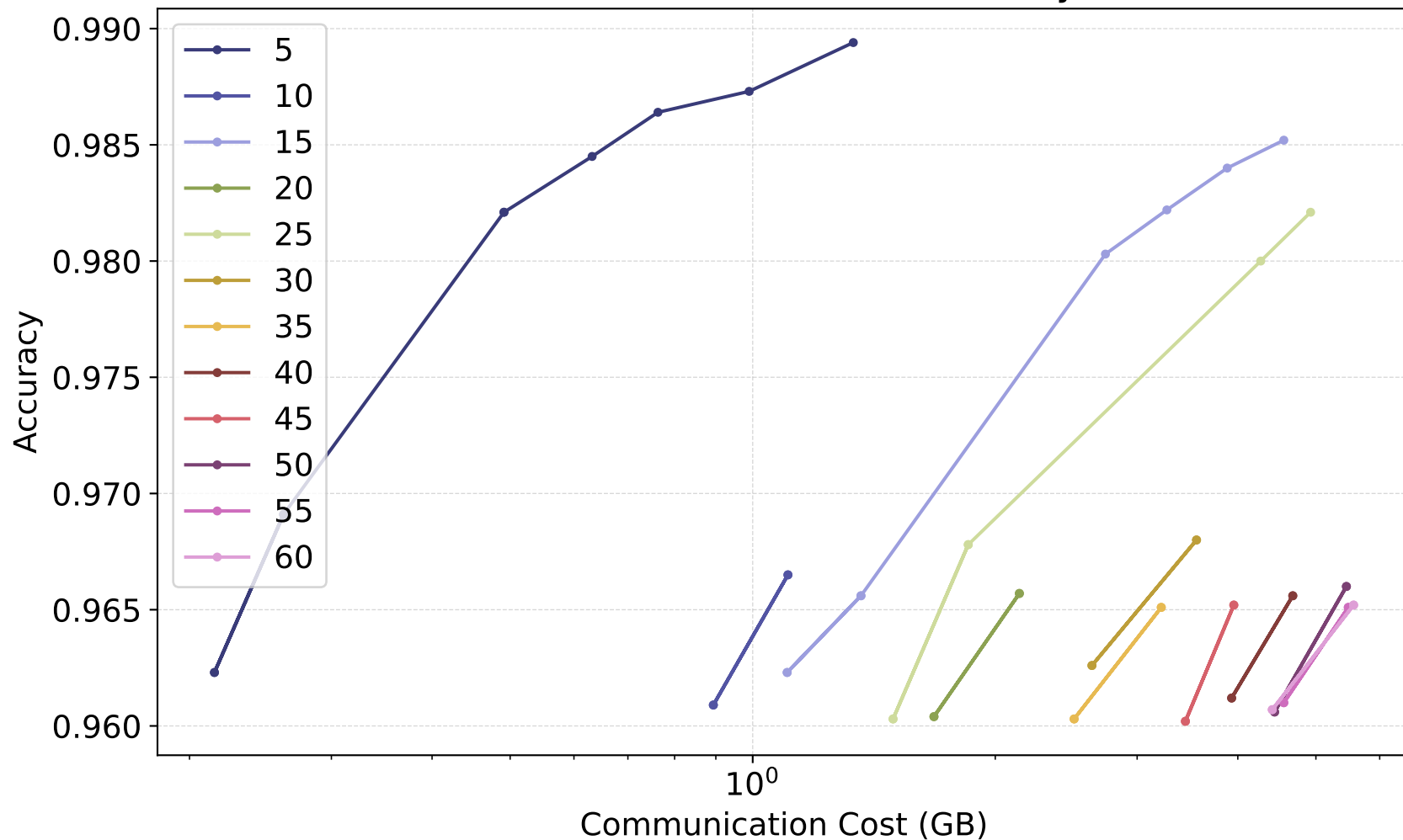




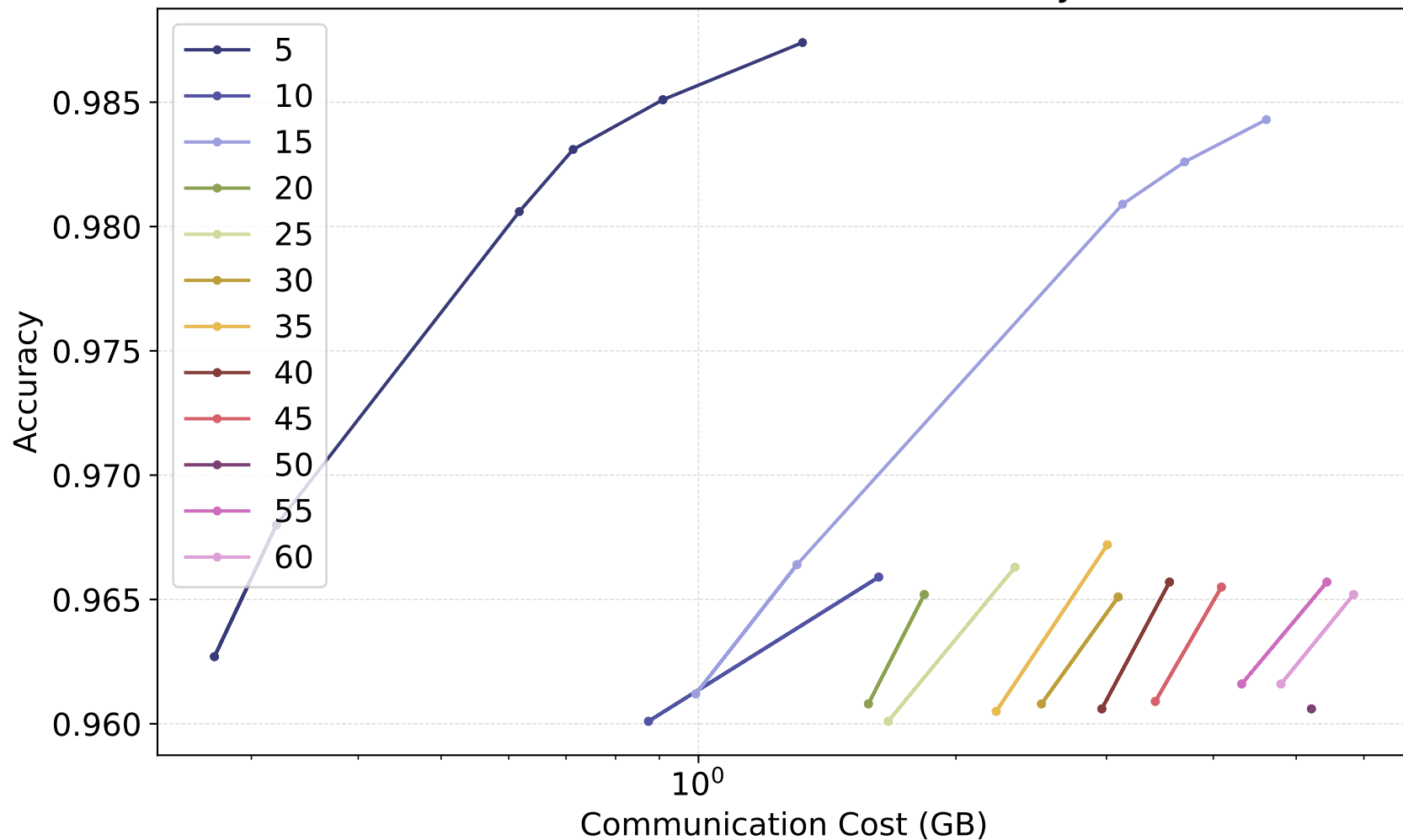
*Theta* : 0.5 , Batch Size: 32 , Bias: only label 8



*Theta* : 0.5 , Batch Size: 32 , Bias: only label 8

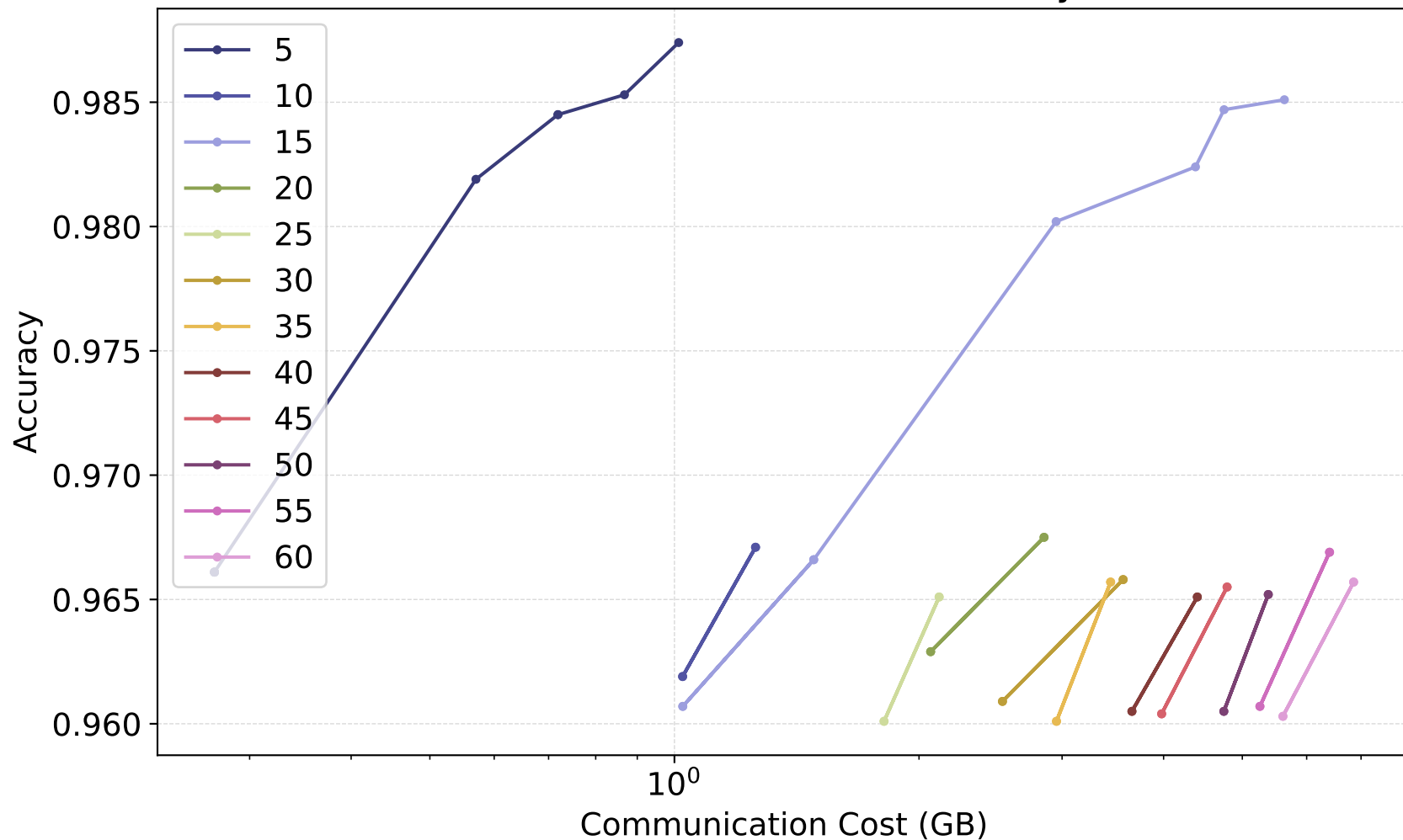


*Theta* : 0.5 , Batch Size: 32 , Bias: only label 8



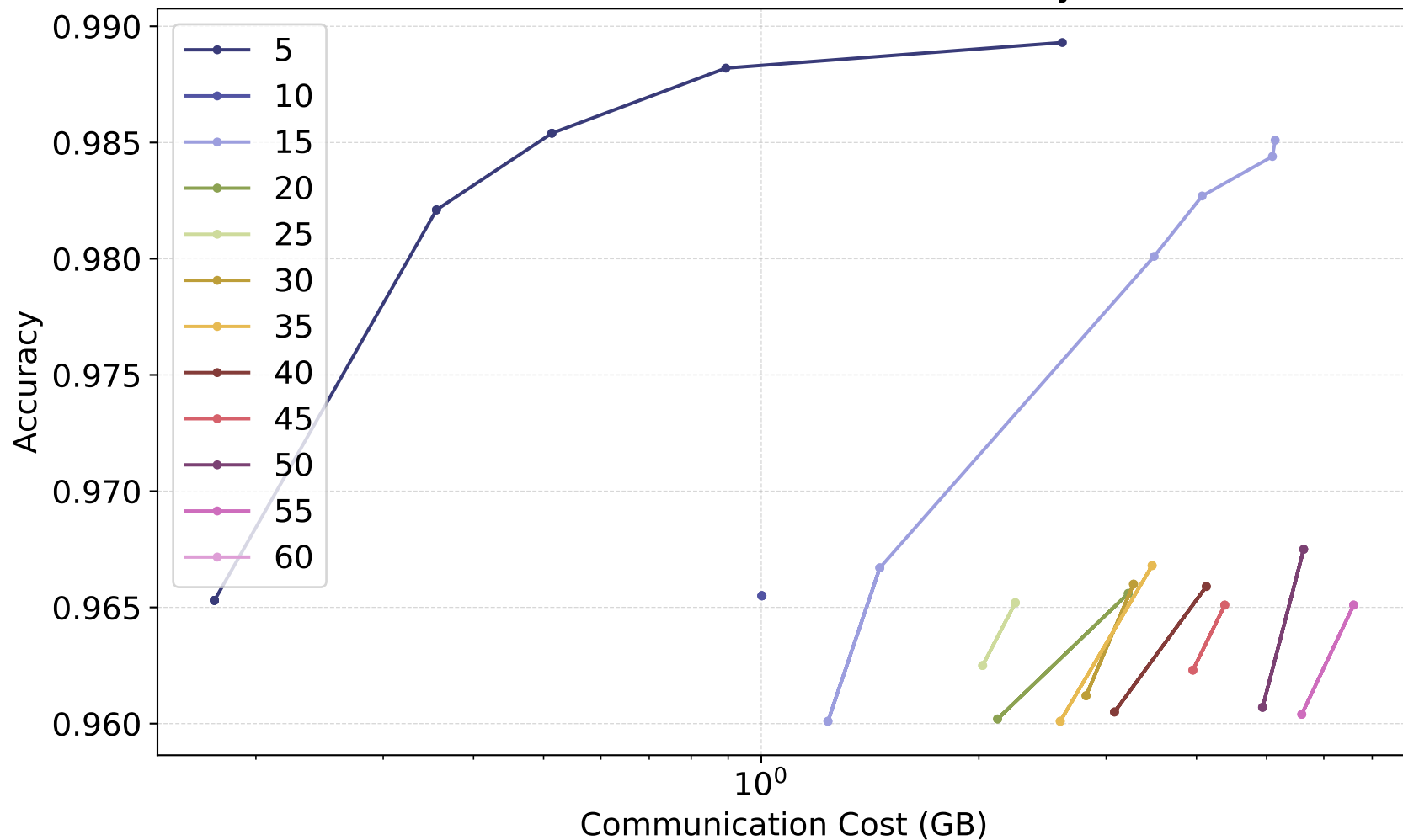
sketch

$\Theta$  : 0.5 , Batch Size: 32 , Bias: only label 8



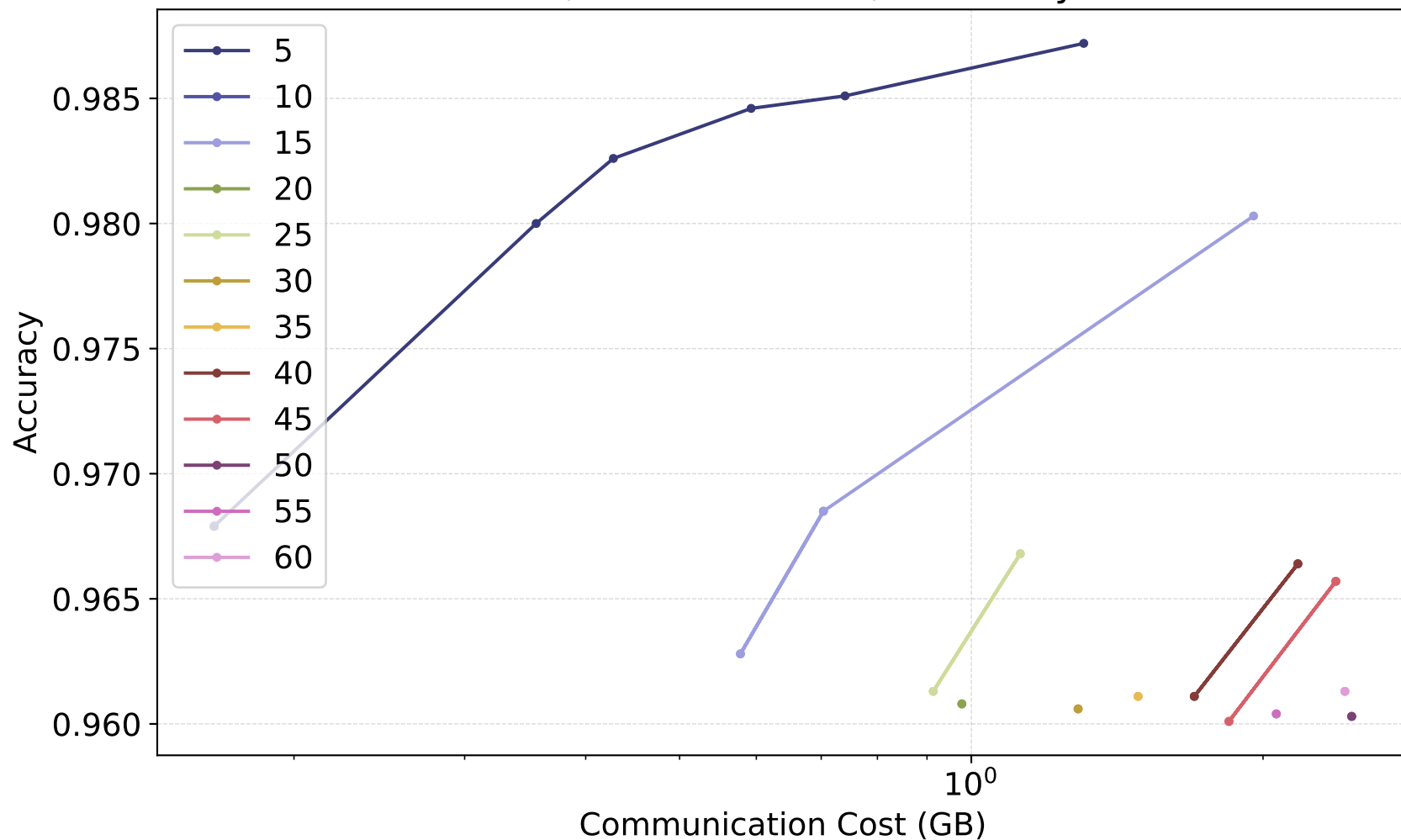


*Theta* : 1.5 , Batch Size: 32 , Bias: only label 8

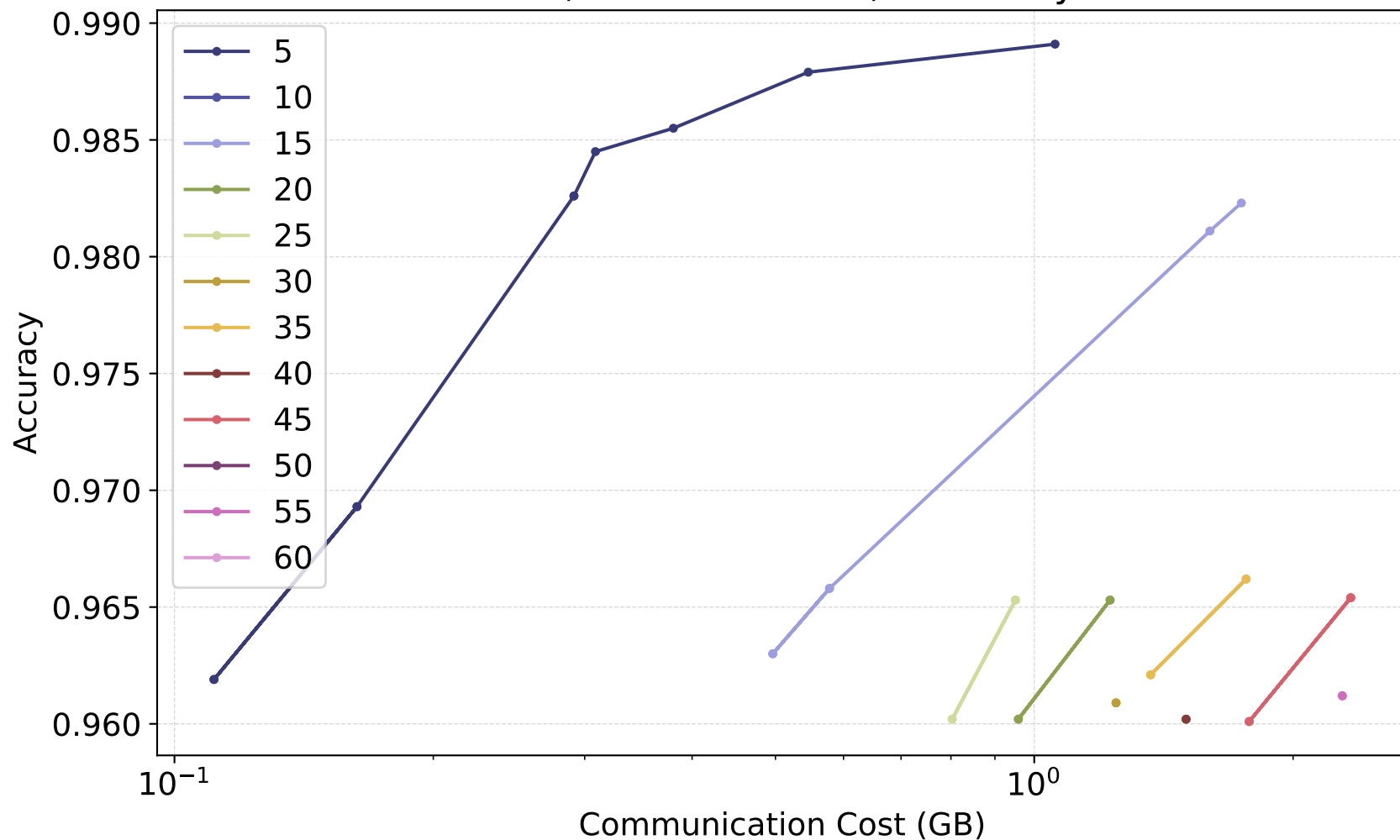


naive

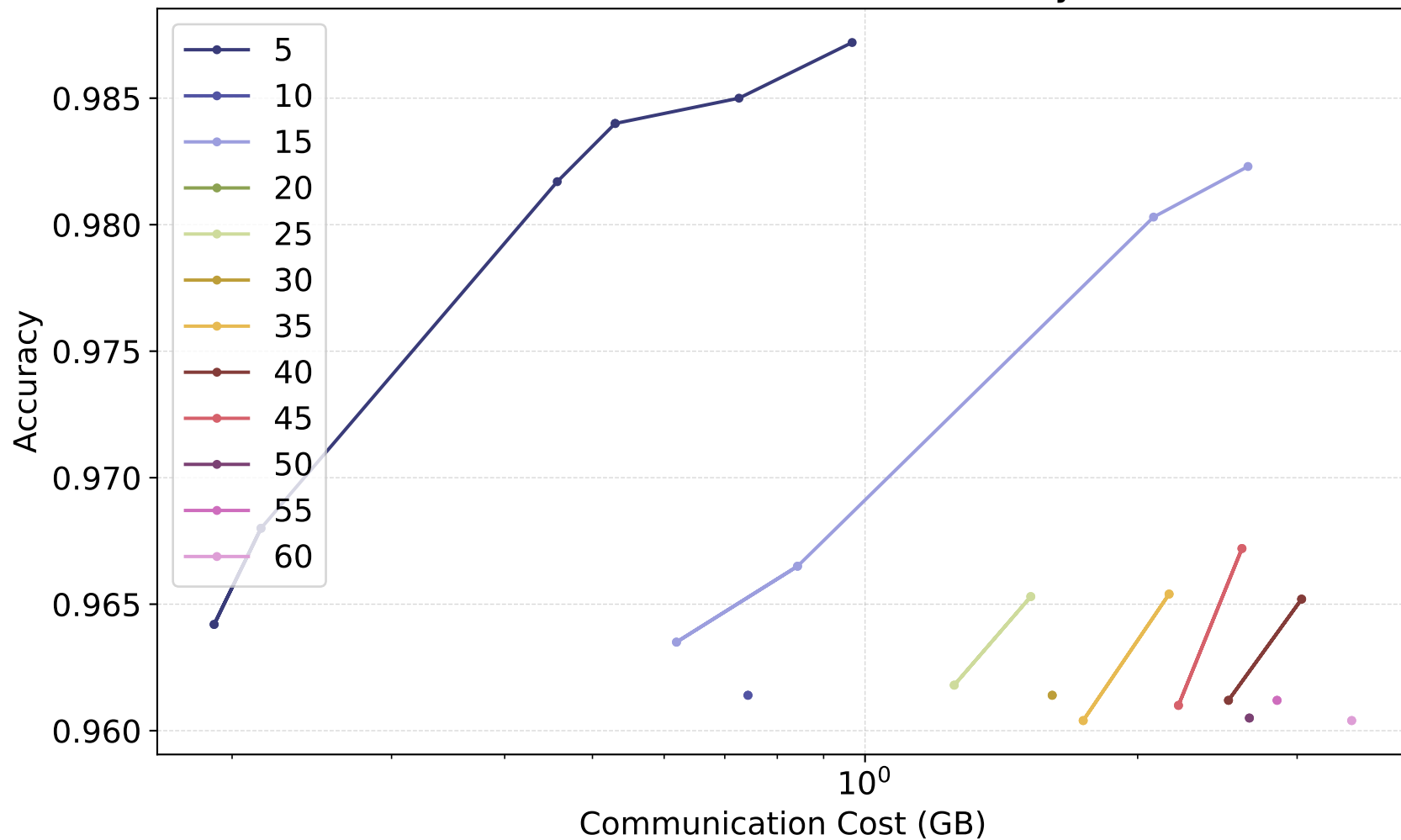
$\Theta$  : 1.5 , Batch Size: 32 , Bias: only label 8



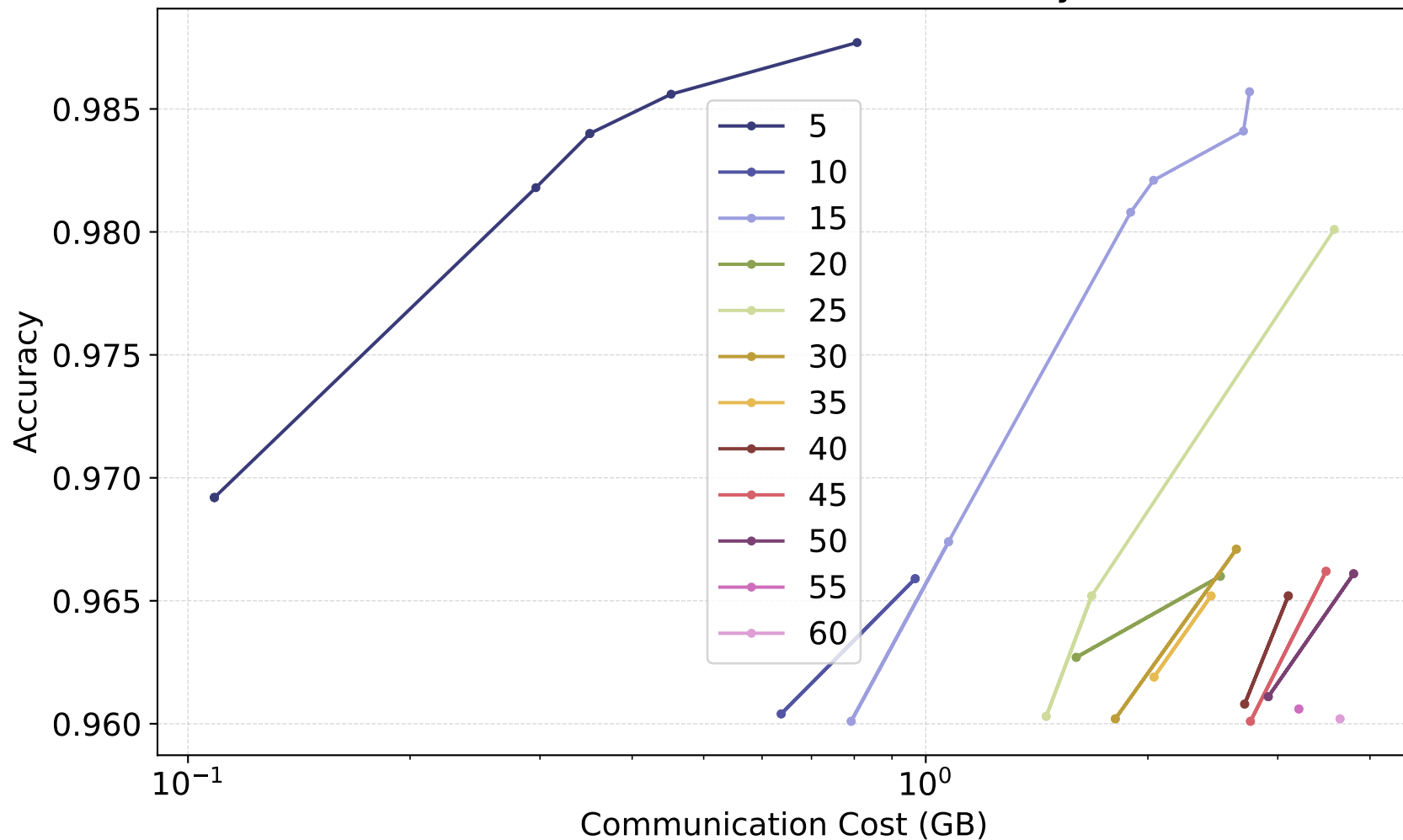
*Theta* : 1.5 , Batch Size: 32 , Bias: only label 8



*Theta* : 1.5 , Batch Size: 32 , Bias: only label 8

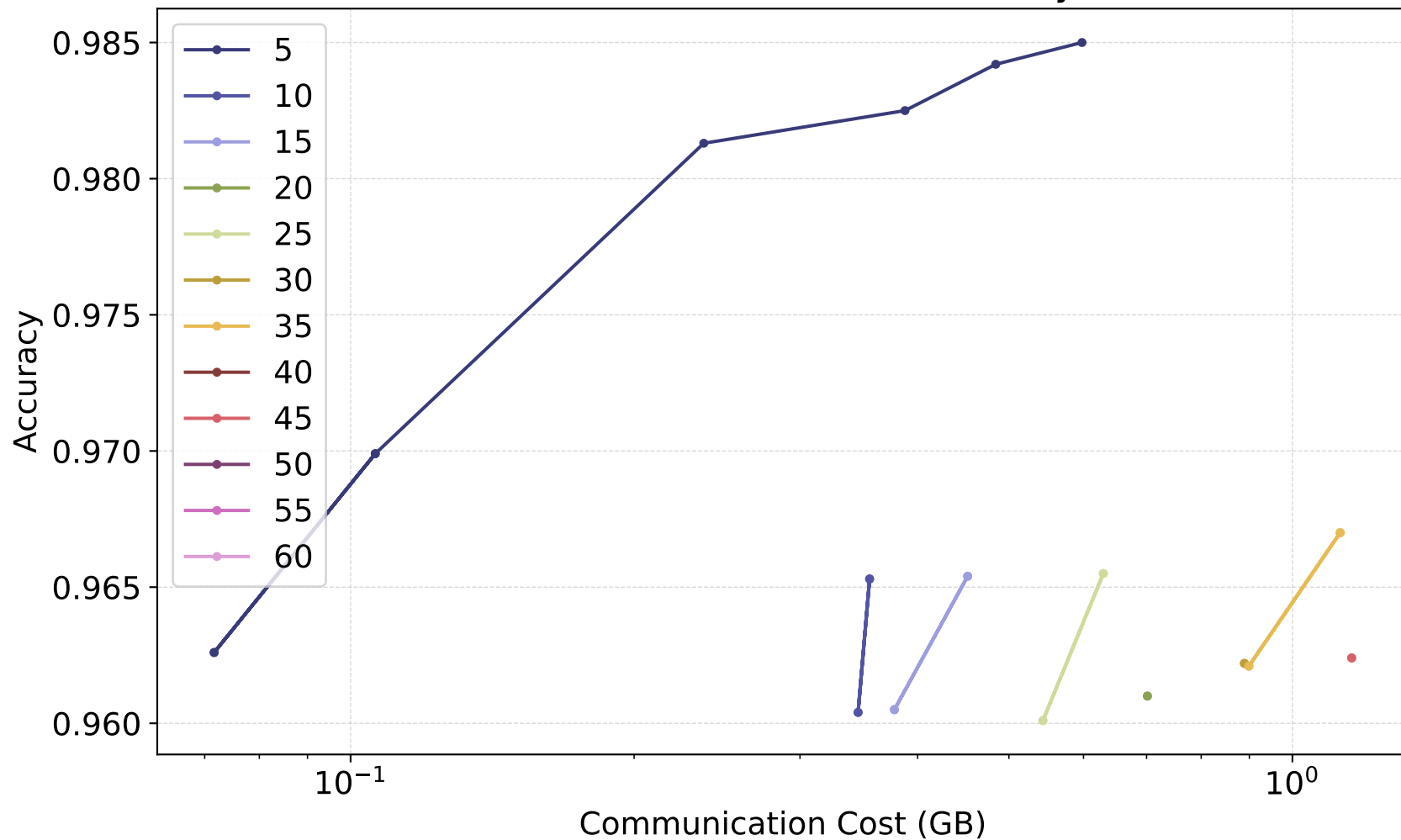


gm  
*Theta* : 3.0 , Batch Size: 32 , Bias: only label 8



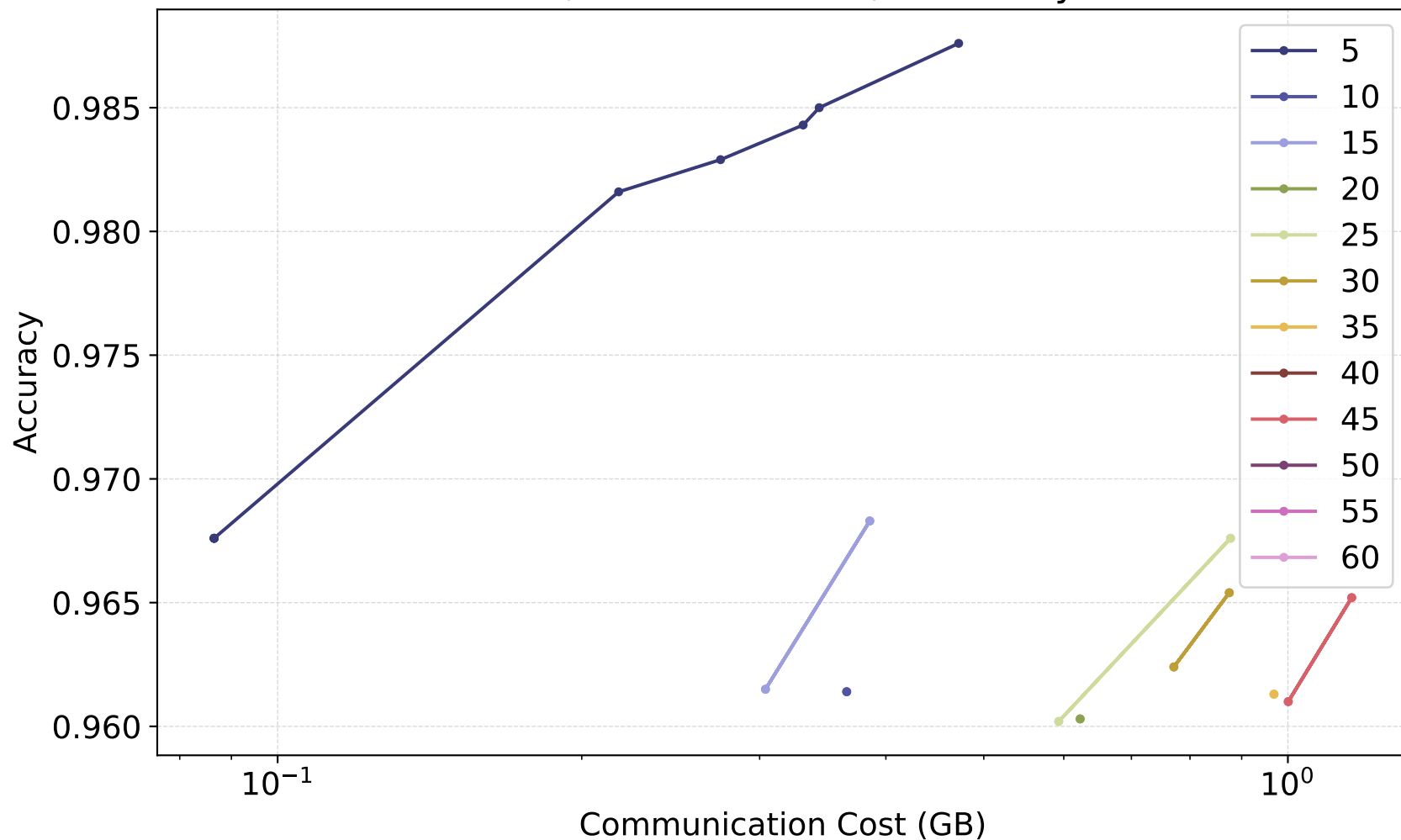
naive

*Theta* : 3.0 , Batch Size: 32 , Bias: only label 8

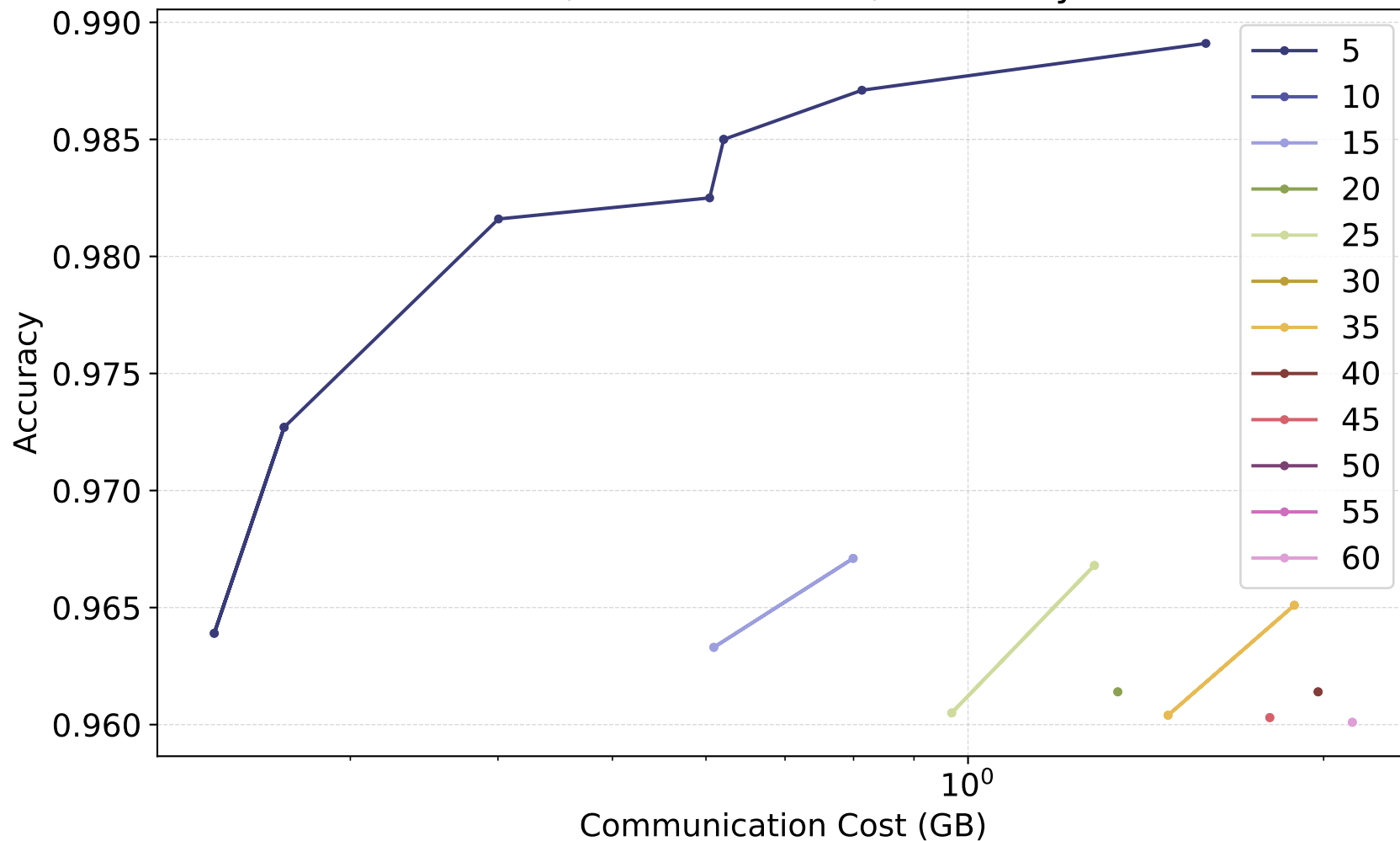


linear

*Theta* : 3.0 , Batch Size: 32 , Bias: only label 8

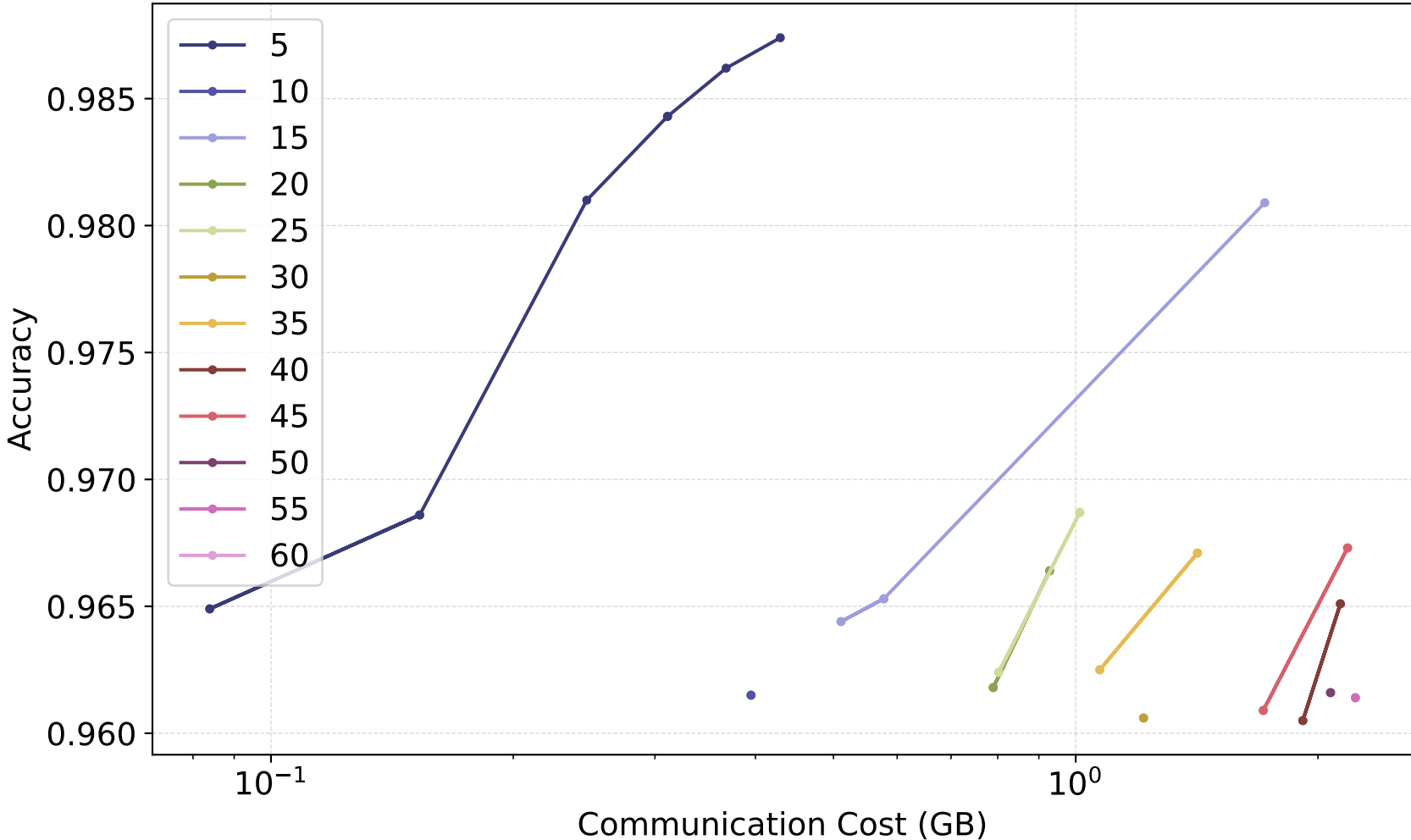


*Theta* : 3.0 , Batch Size: 32 , Bias: only label 8



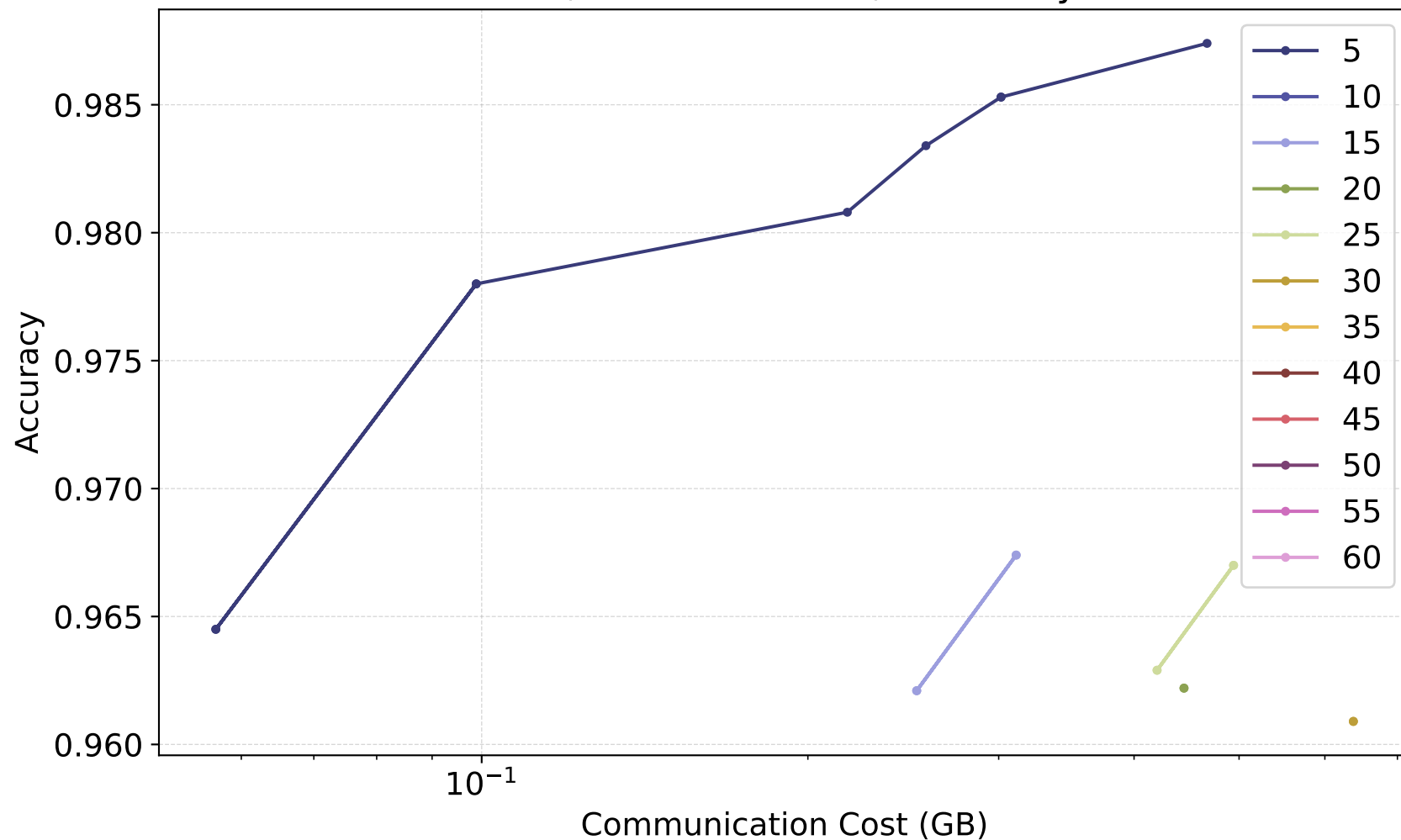


*Theta* : 5.0 , Batch Size: 32 , Bias: only label 8



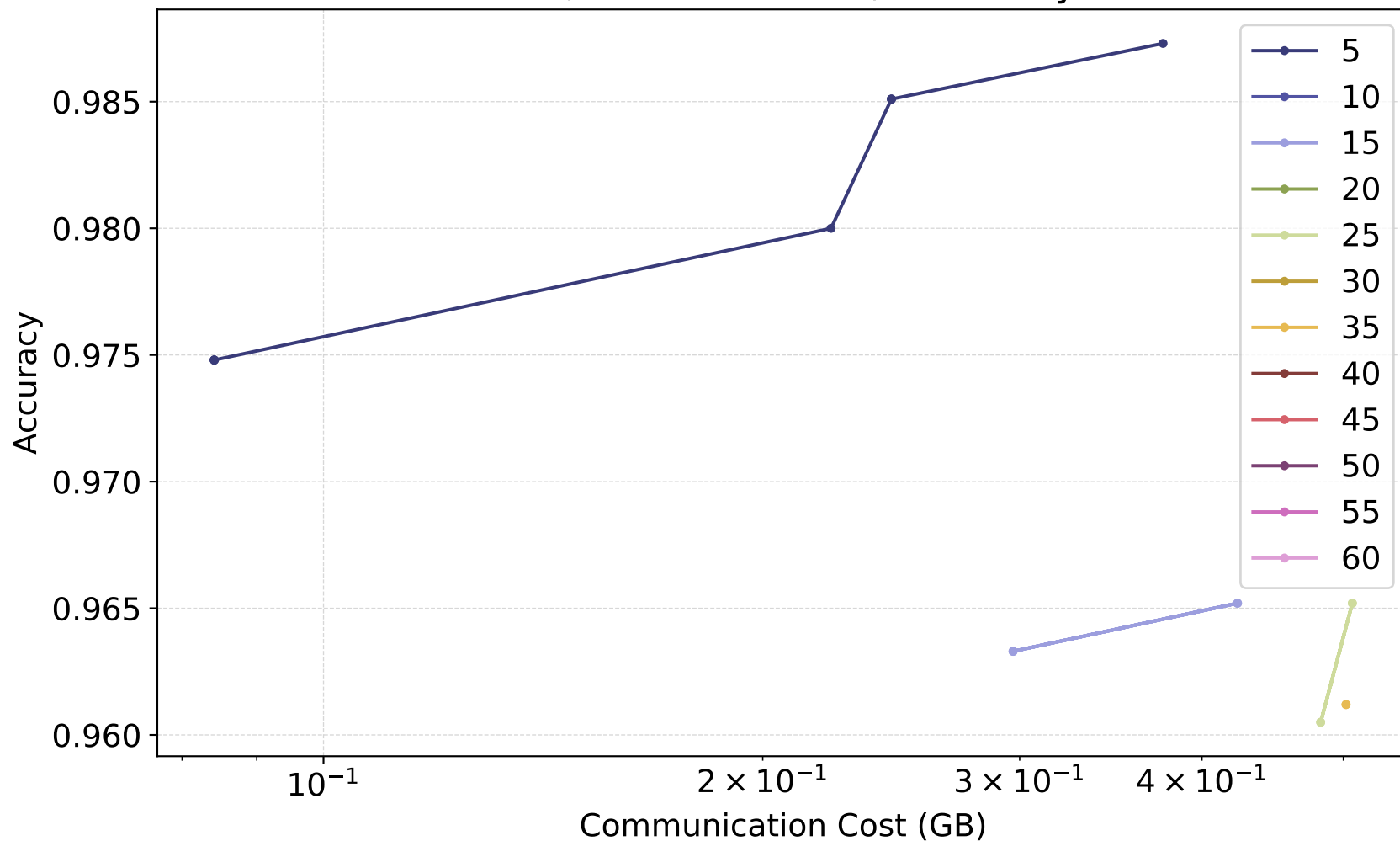
naive

*Theta* : 5.0 , Batch Size: 32 , Bias: only label 8



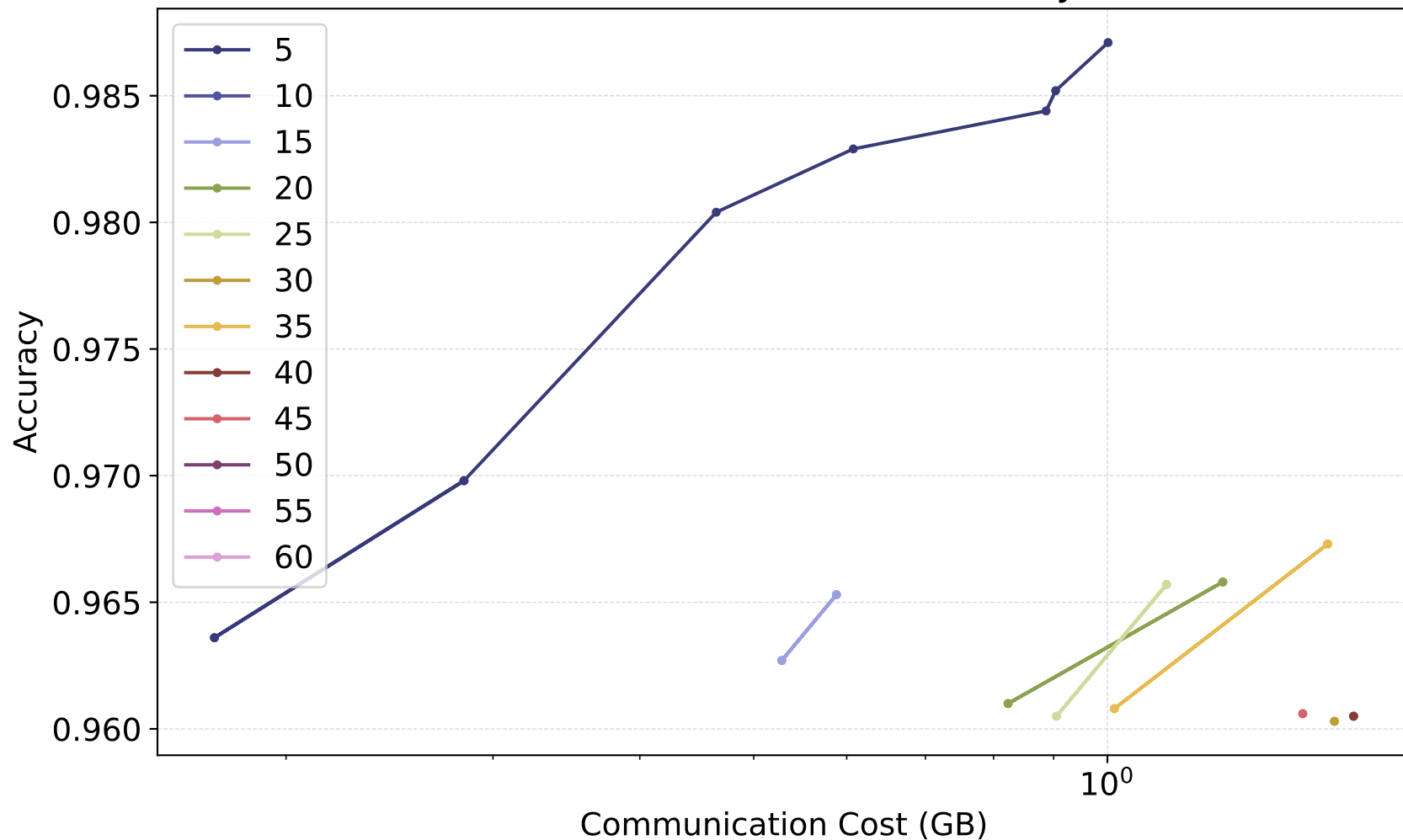
linear

*Theta* : 5.0 , Batch Size: 32 , Bias: only label 8



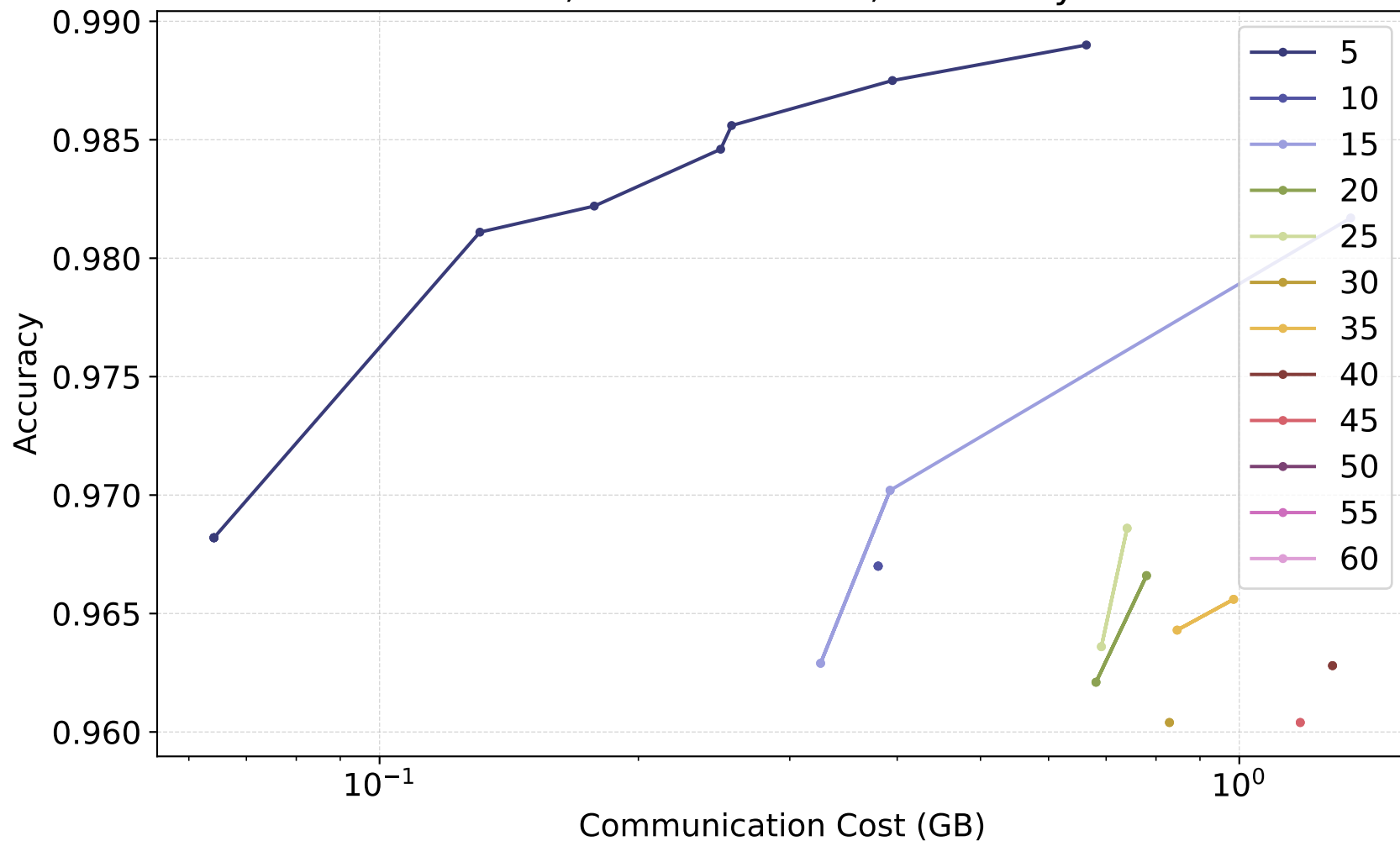
sketch

*Theta* : 5.0 , Batch Size: 32 , Bias: only label 8

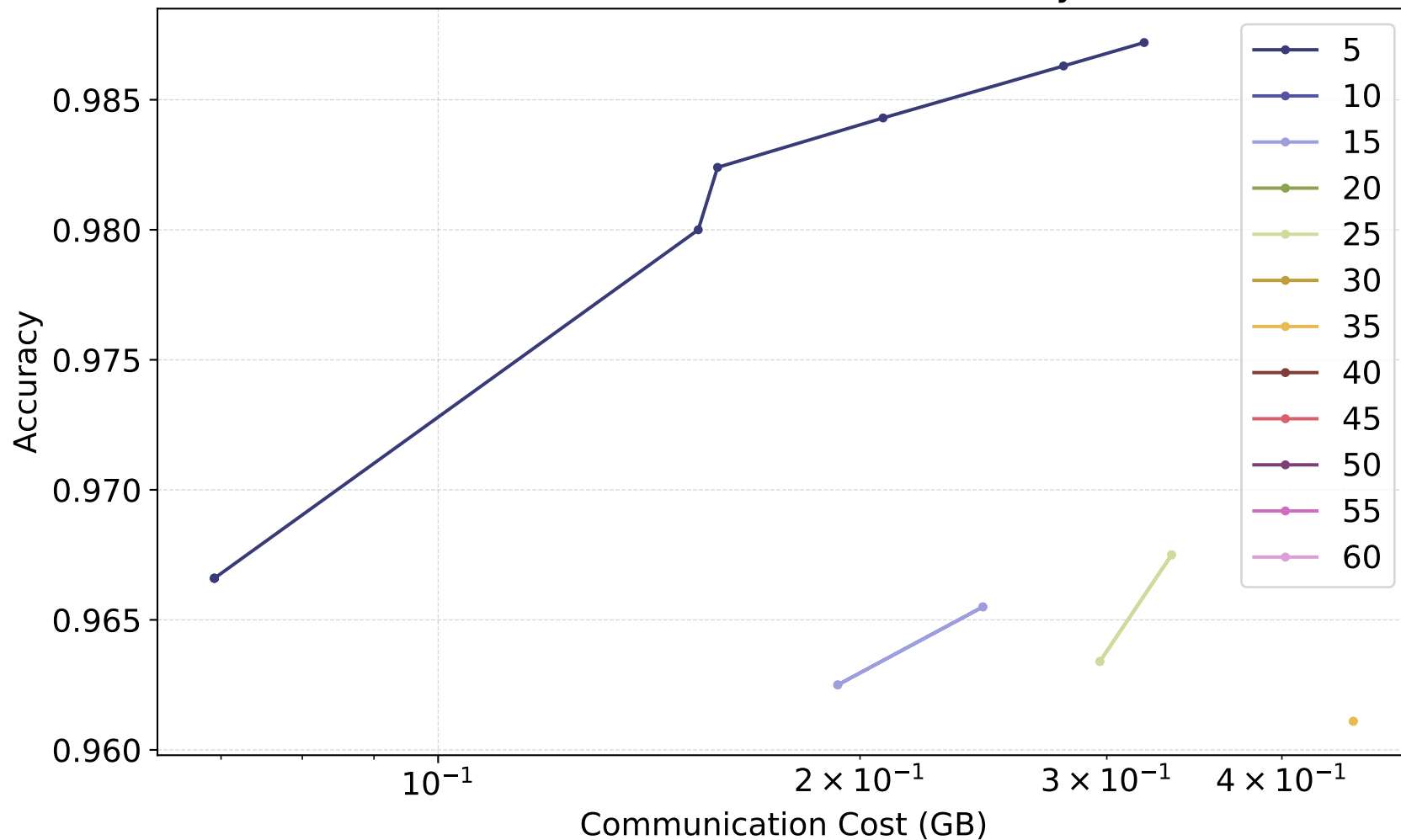


gm

*Theta* : 7.0 , Batch Size: 32 , Bias: only label 8

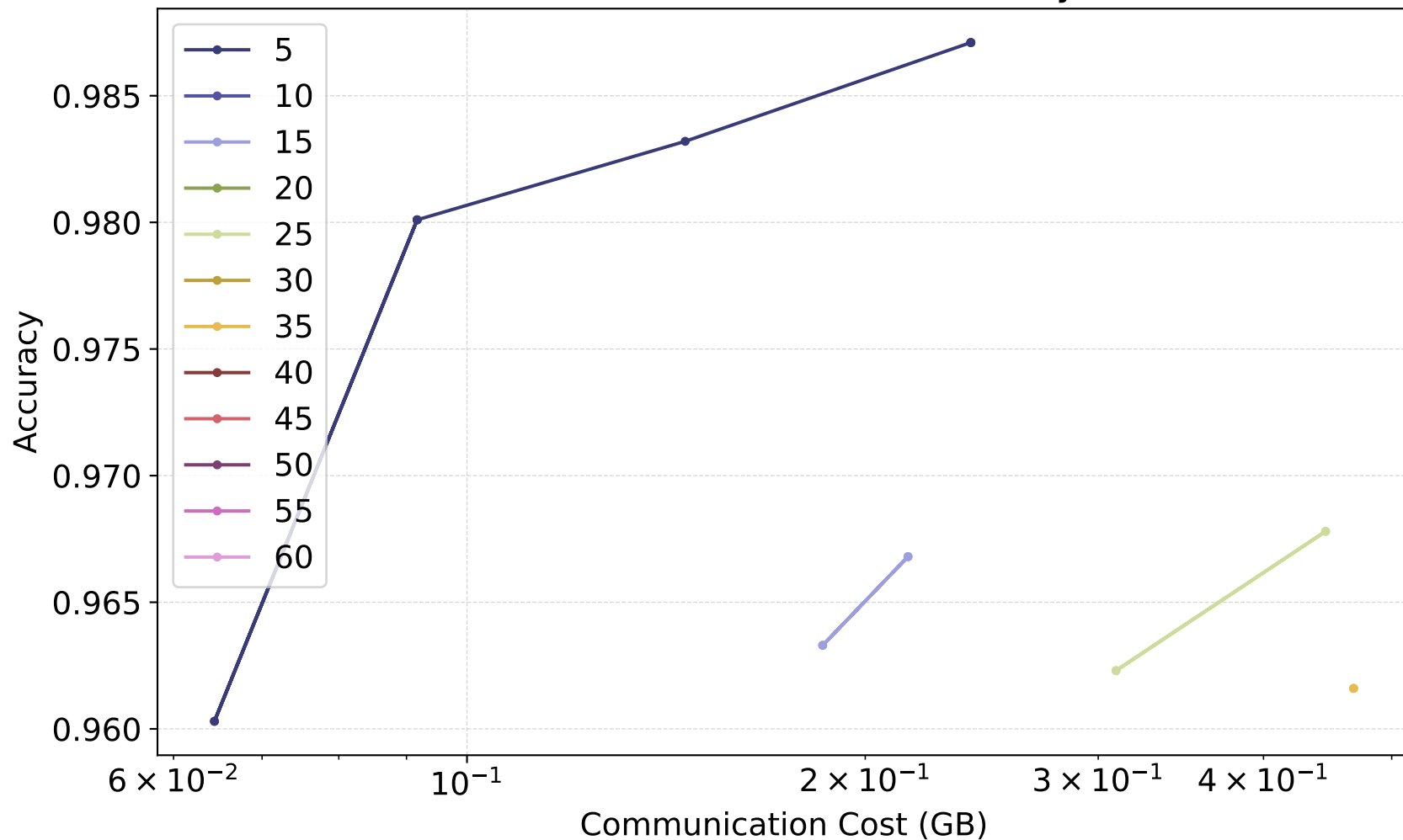


*Theta* : 7.0 , Batch Size: 32 , Bias: only label 8



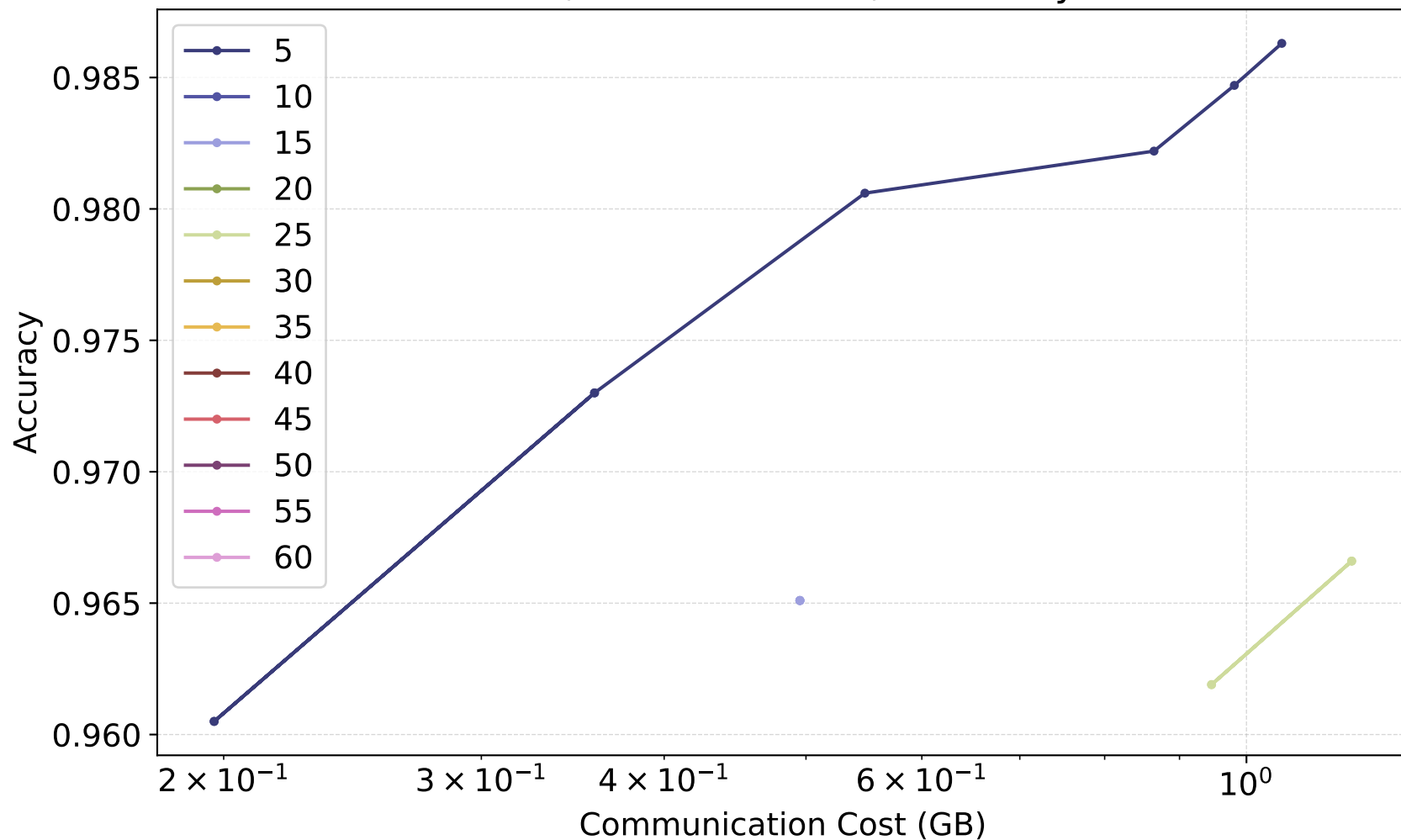
linear

*Theta* : 7.0 , Batch Size: 32 , Bias: only label 8



sketch

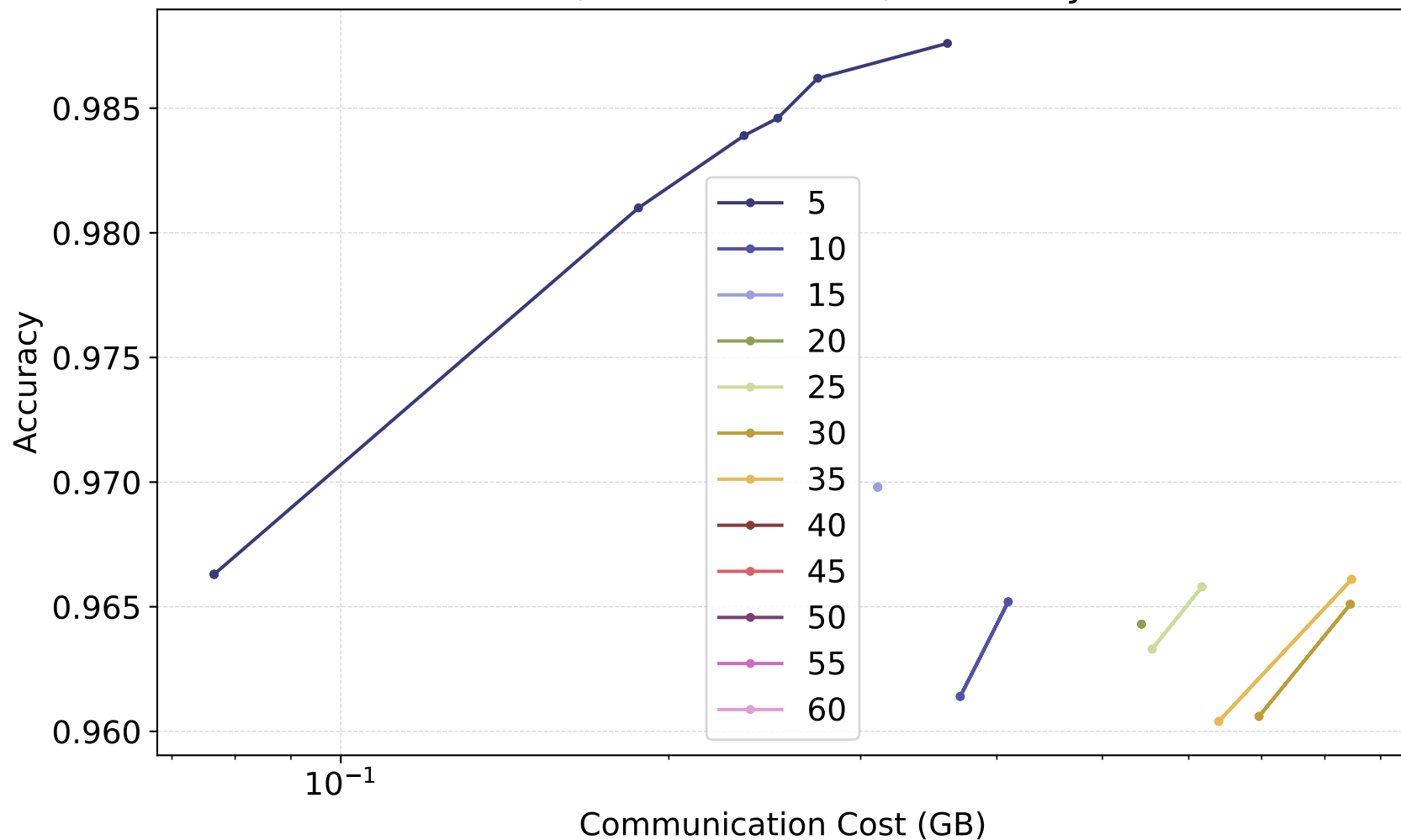
*Theta* : 7.0 , Batch Size: 32 , Bias: only label 8



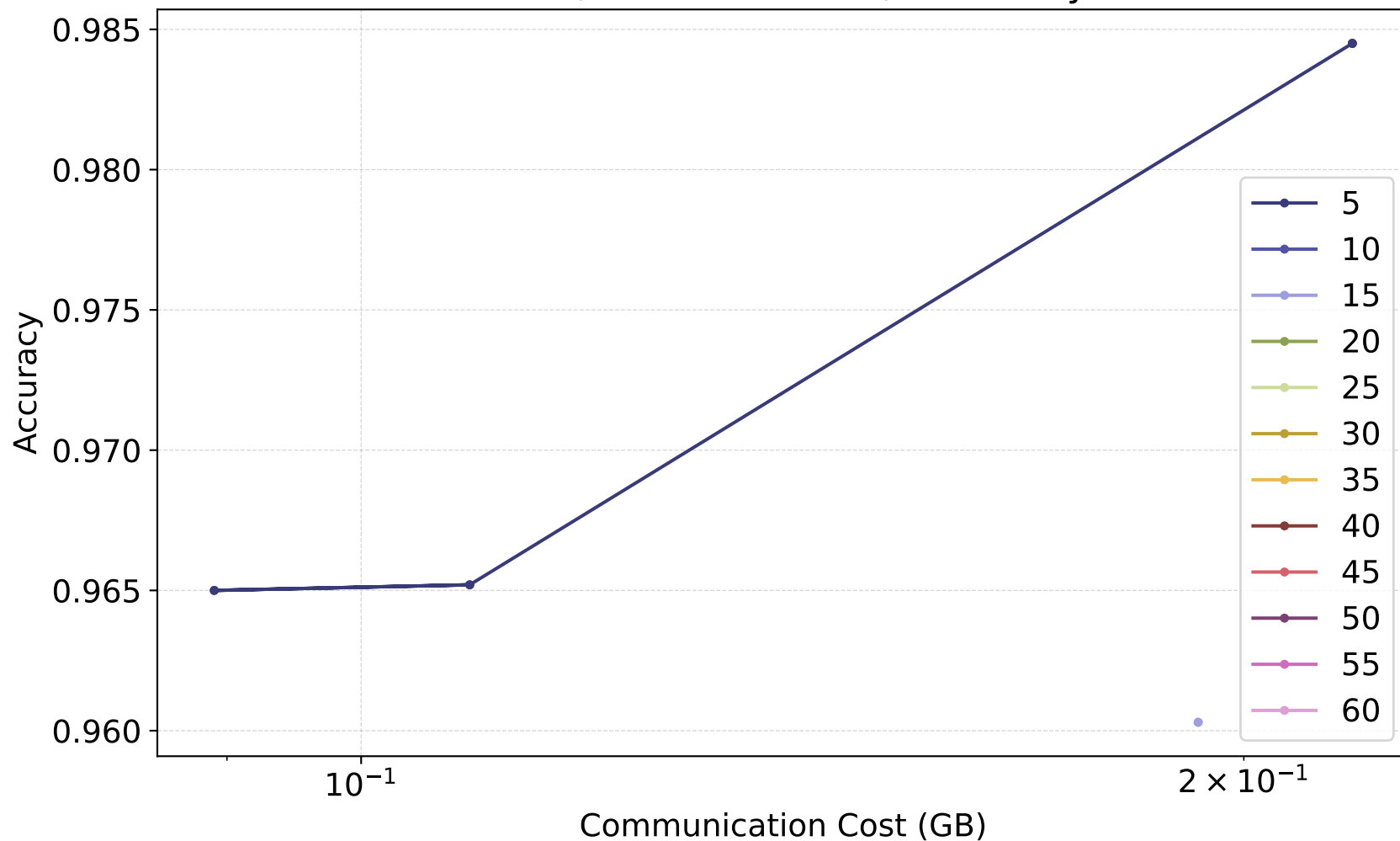


gm

*Theta* : 10.0 , Batch Size: 32 , Bias: only label 8

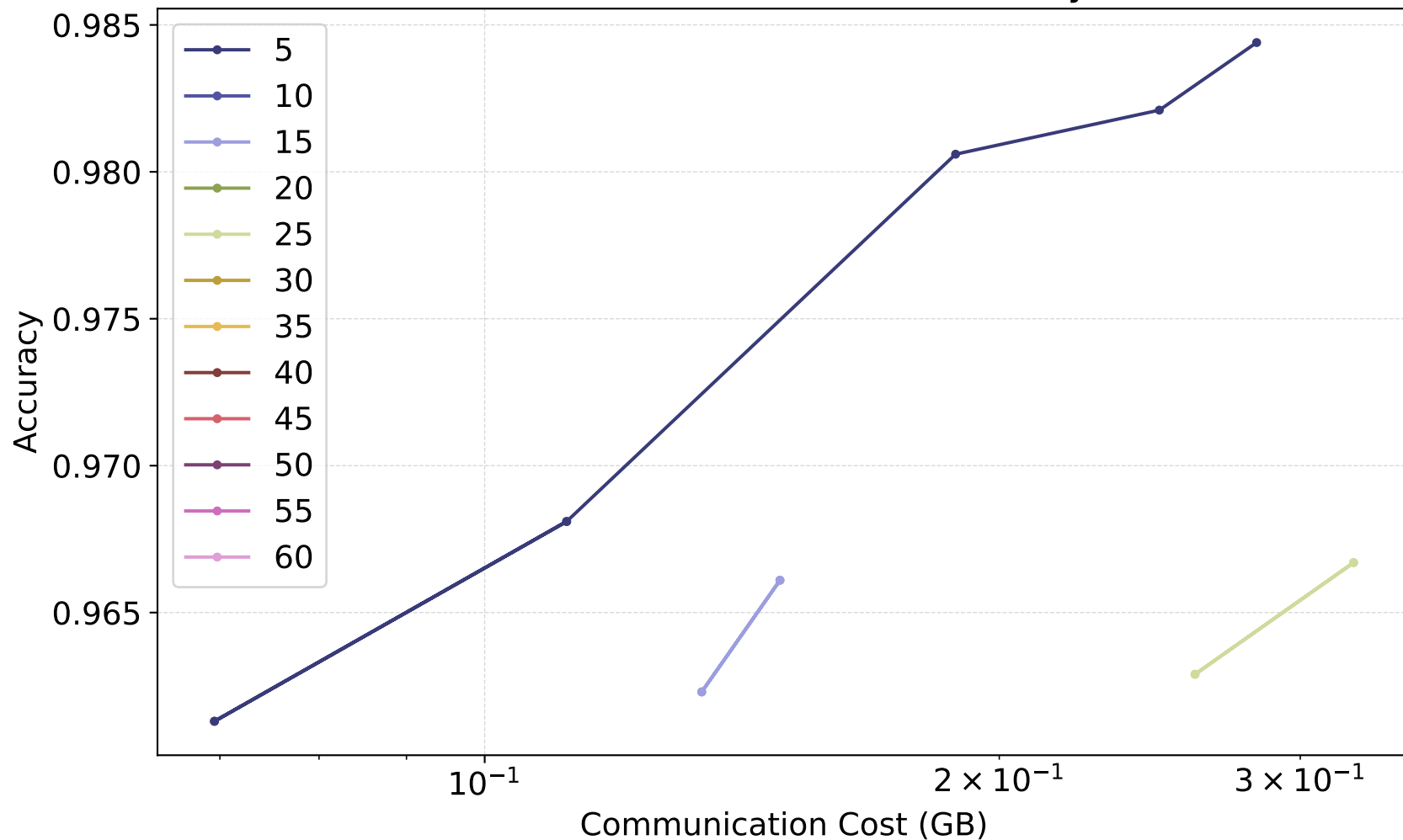


*Theta* : 10.0 , Batch Size: 32 , Bias: only label 8



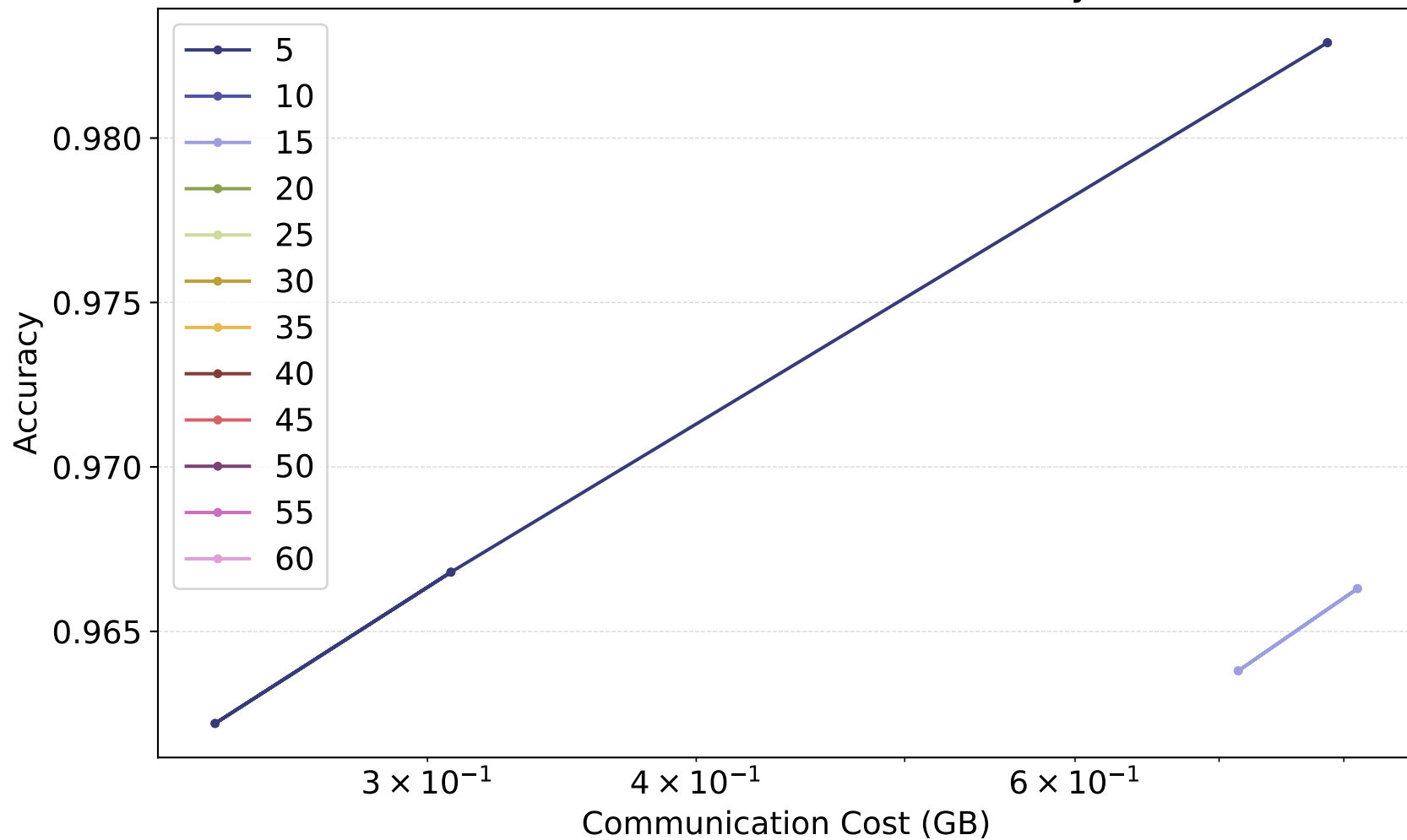
linear

*Theta* : 10.0 , Batch Size: 32 , Bias: only label 8



sketch

*Theta* : 10.0 , Batch Size: 32 , Bias: only label 8



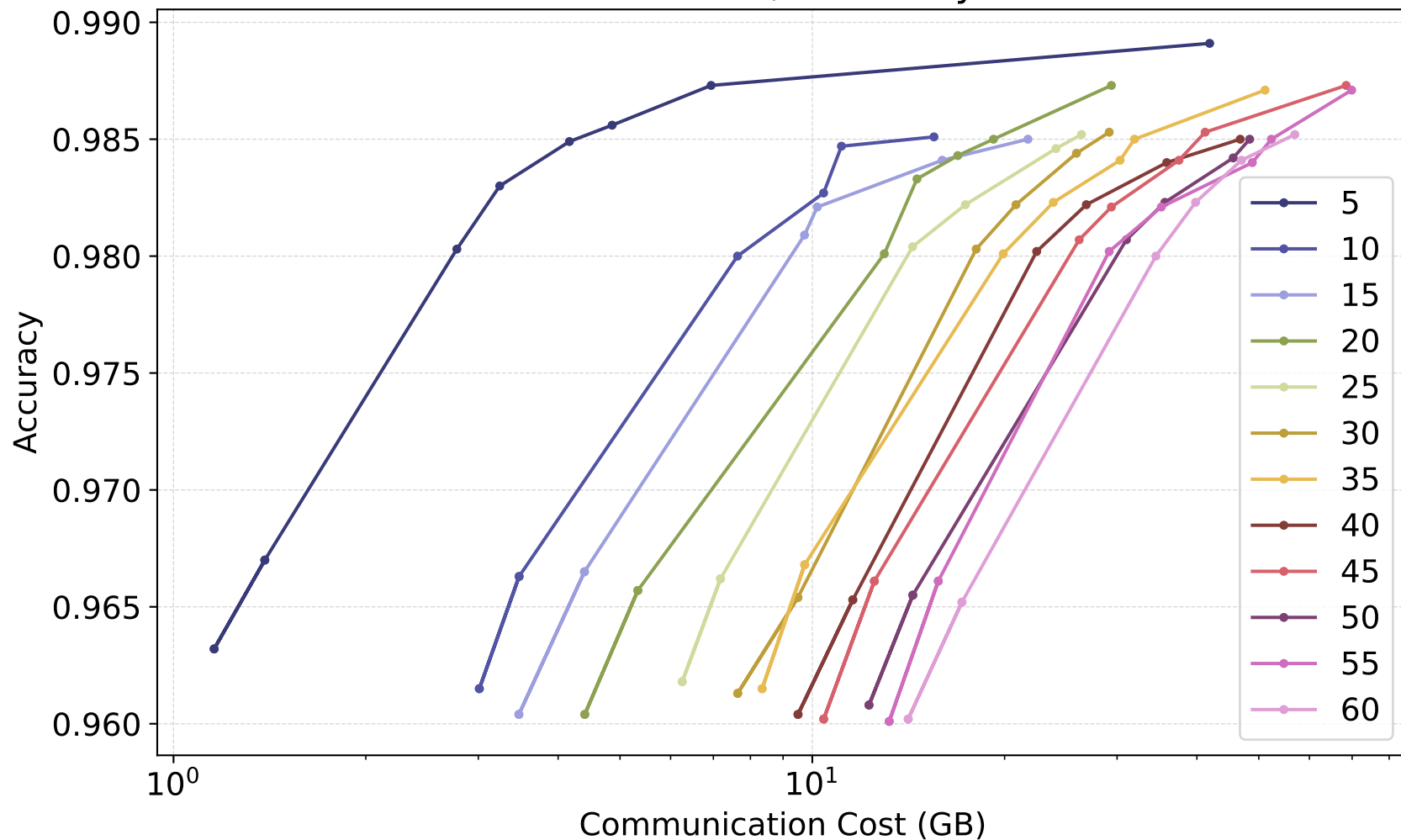
Batch Size : 32 , Bias: only label 0



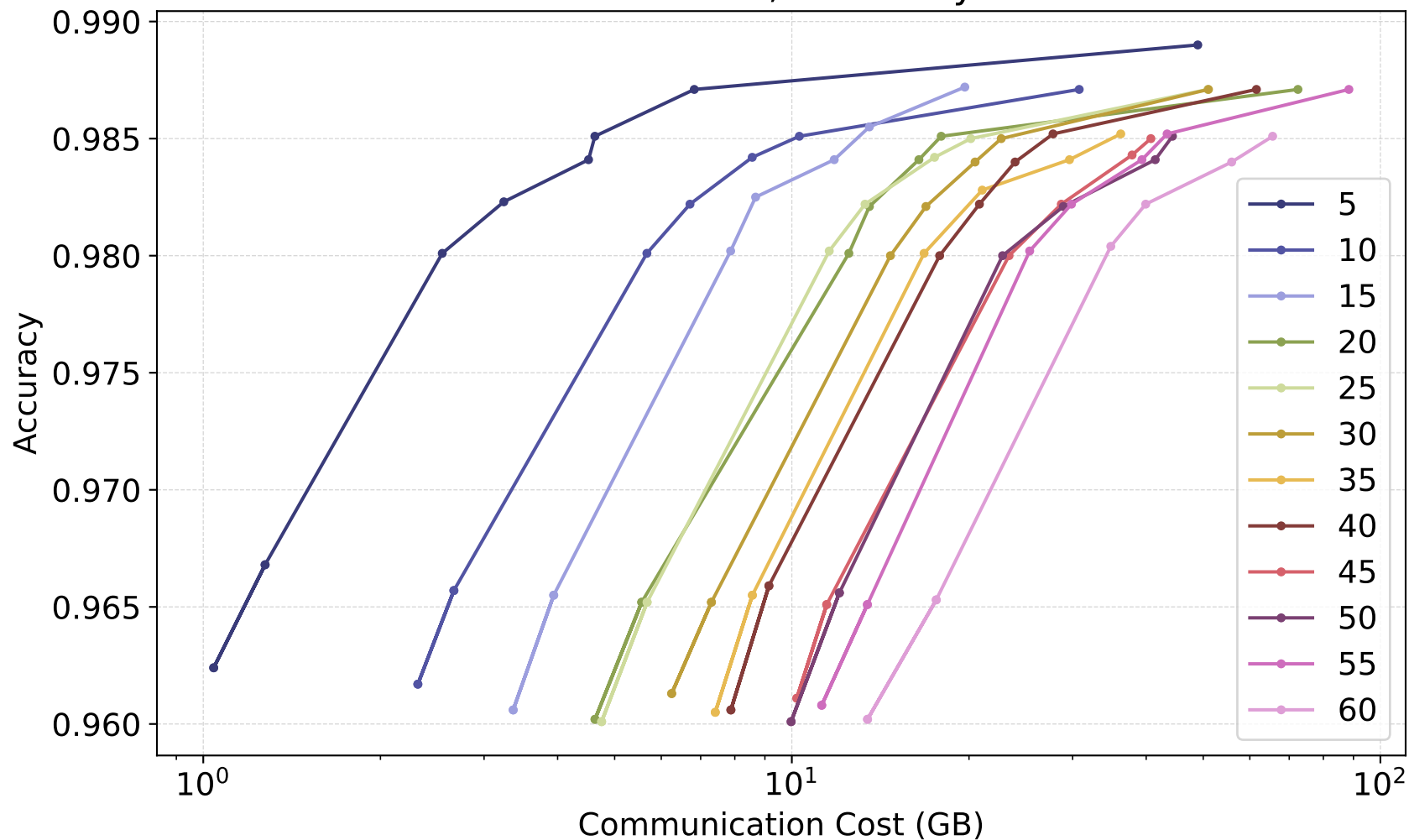
Batch Size : 64 , Bias: only label 0



synchronous  
Batch Size : 128 , Bias: only label 0

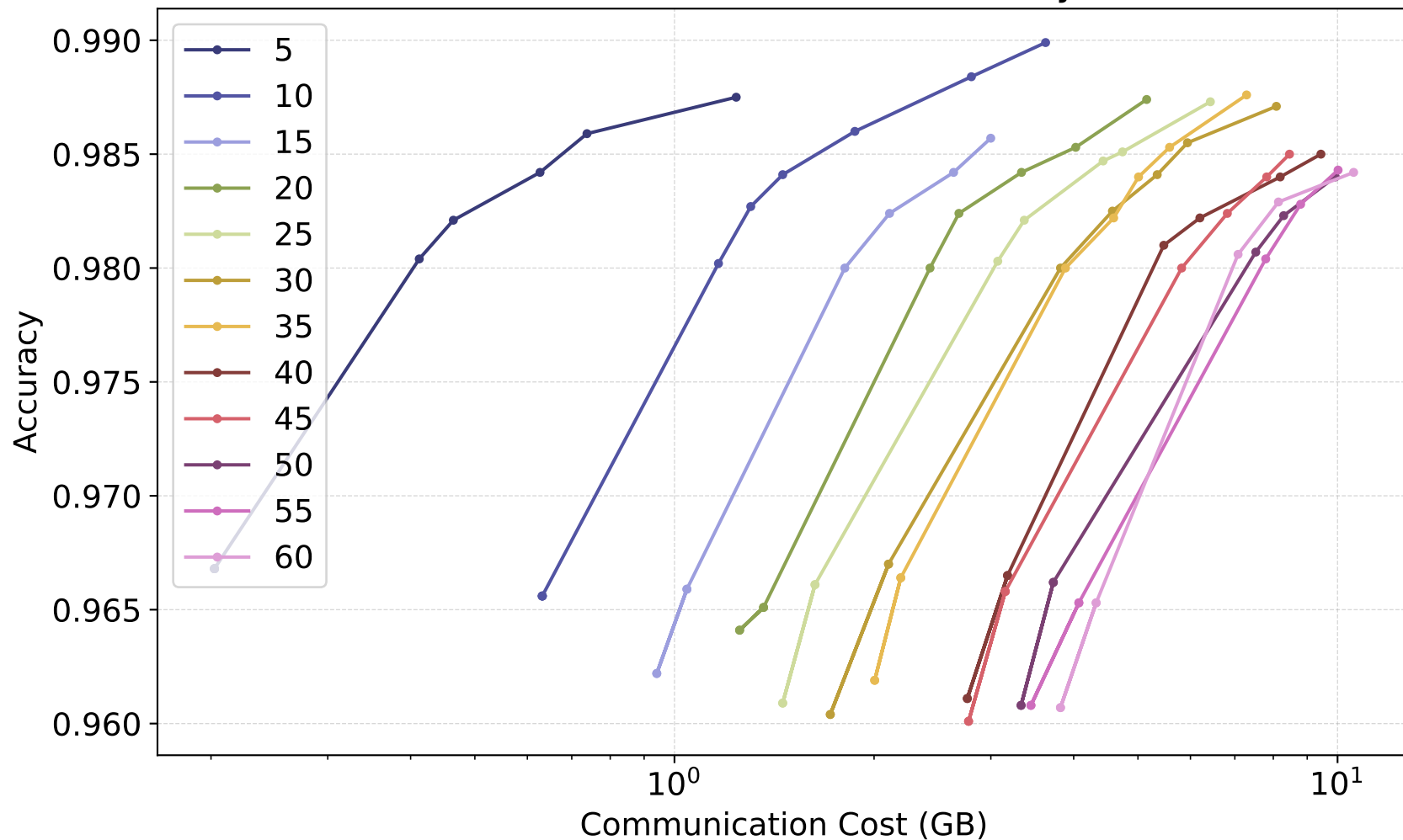


synchronous  
Batch Size : 256 , Bias: only label 0



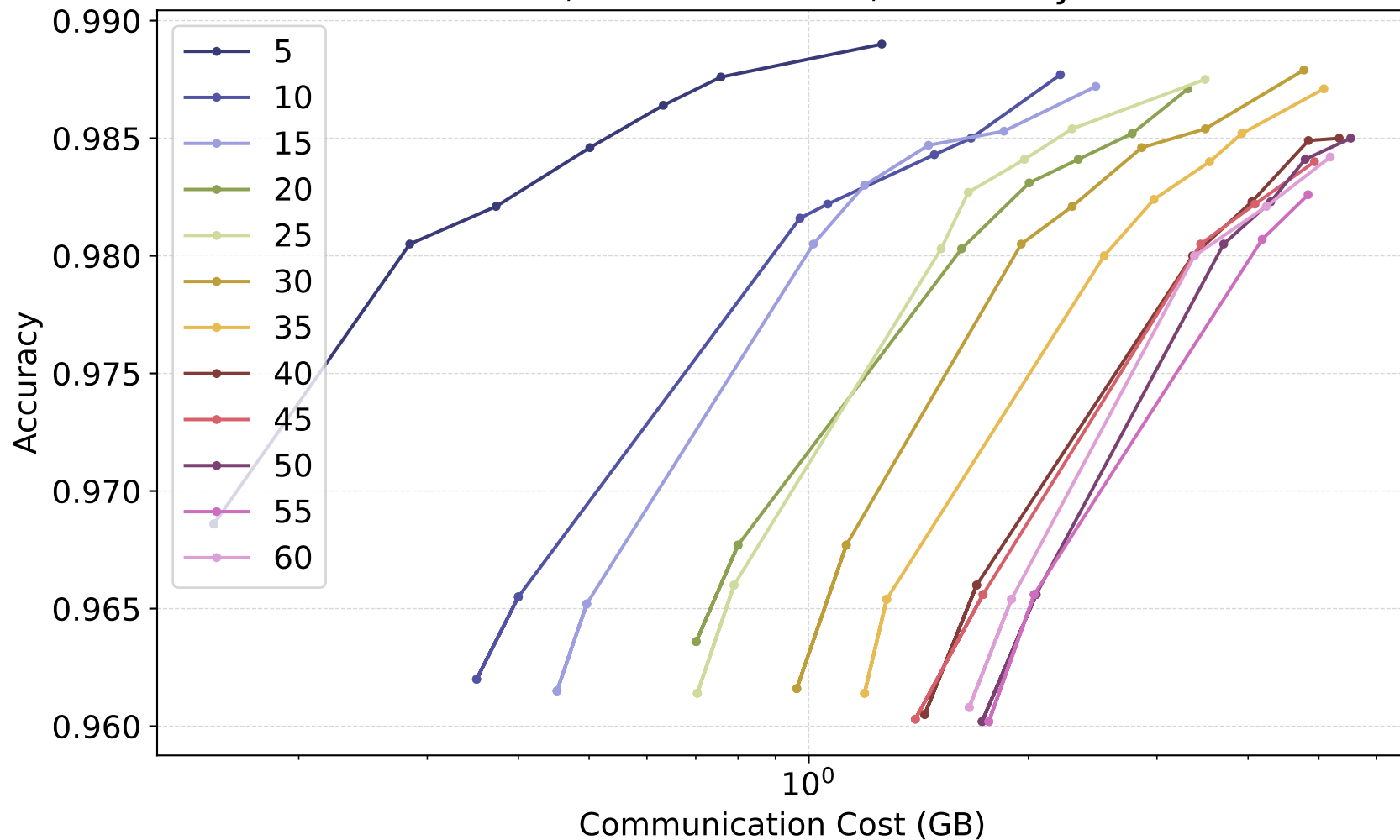


*Theta* : 0.5 , Batch Size: 32 , Bias: only label 0

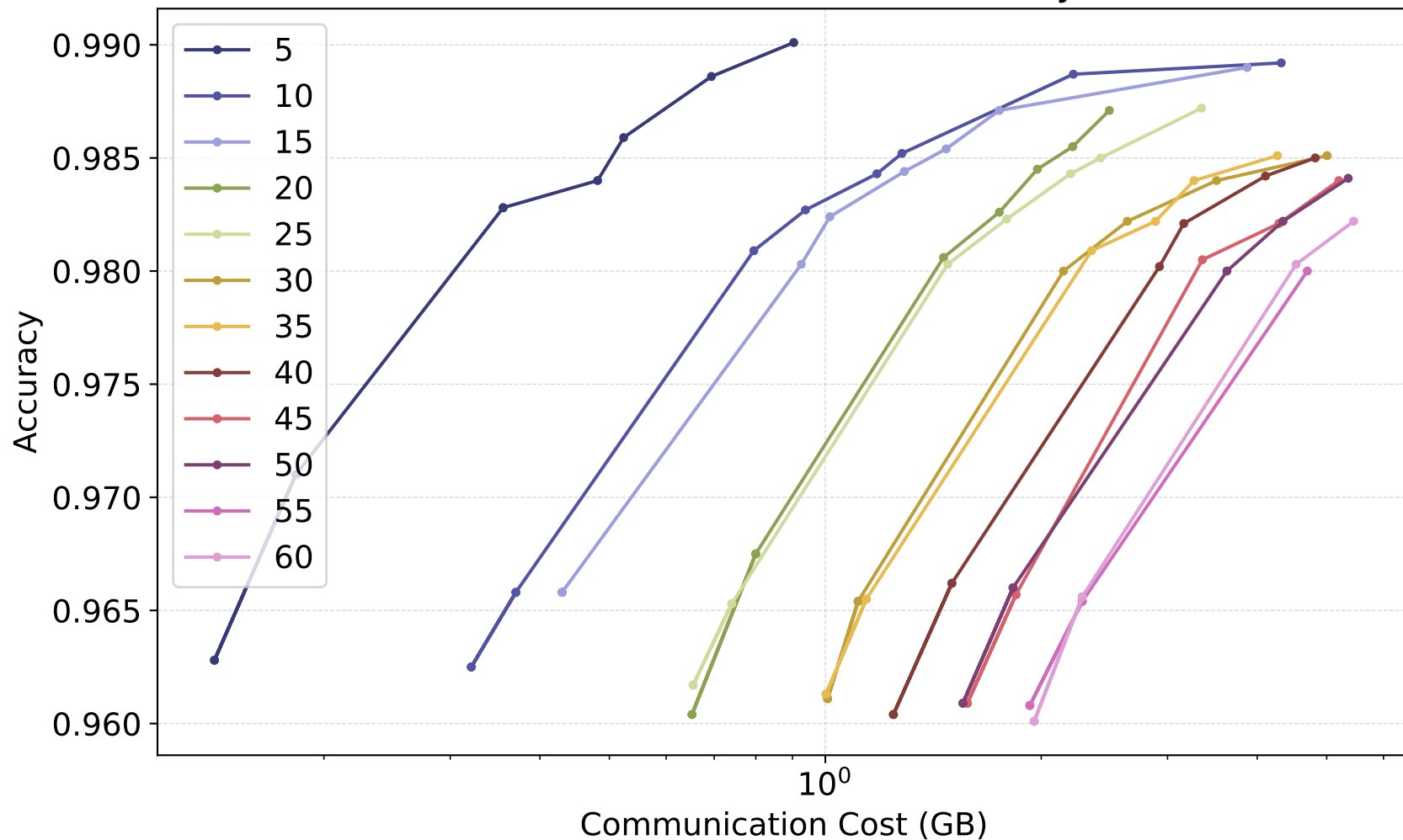


naive

*Theta* : 0.5 , Batch Size: 32 , Bias: only label 0

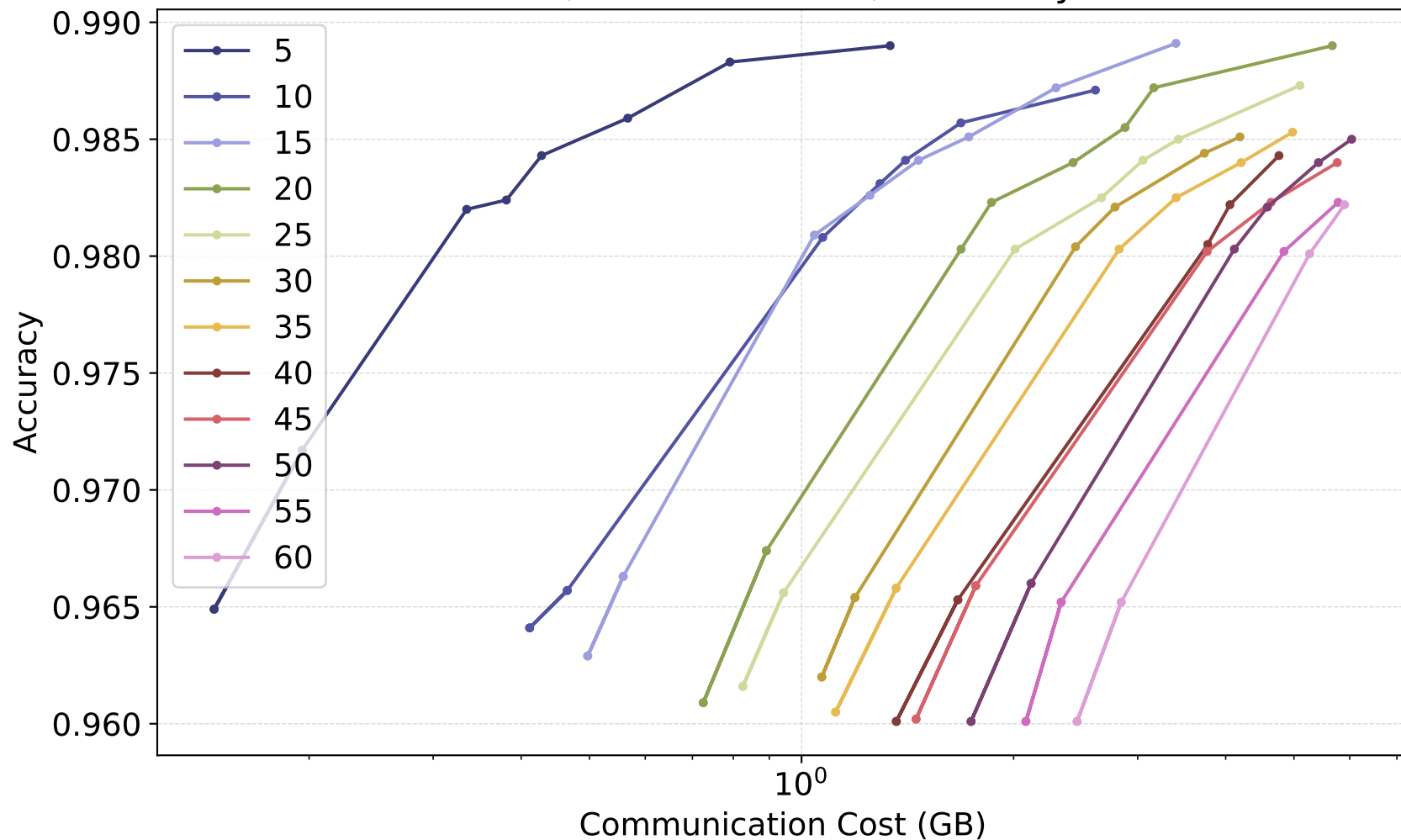


*Theta* : 0.5 , Batch Size: 32 , Bias: only label 0

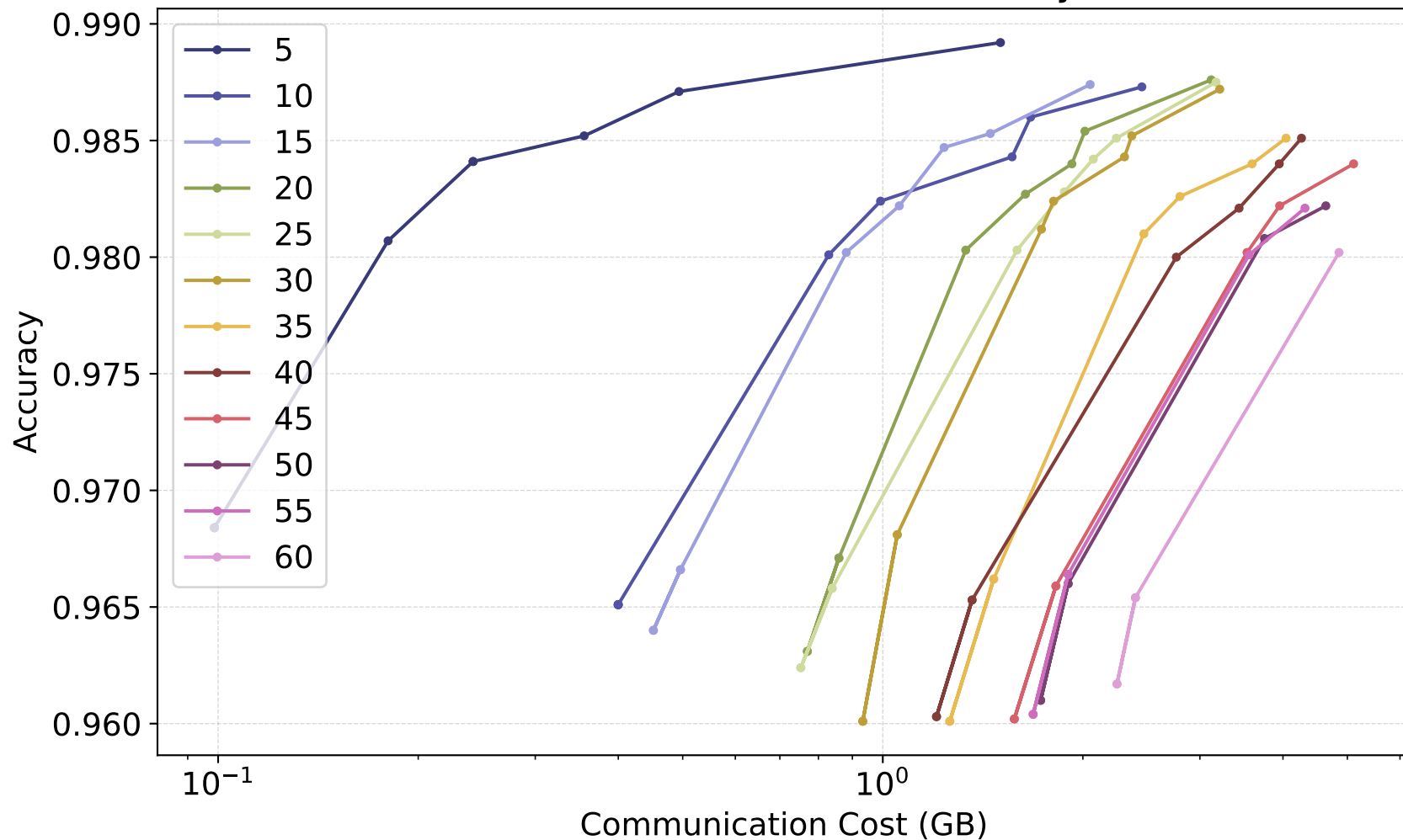


sketch

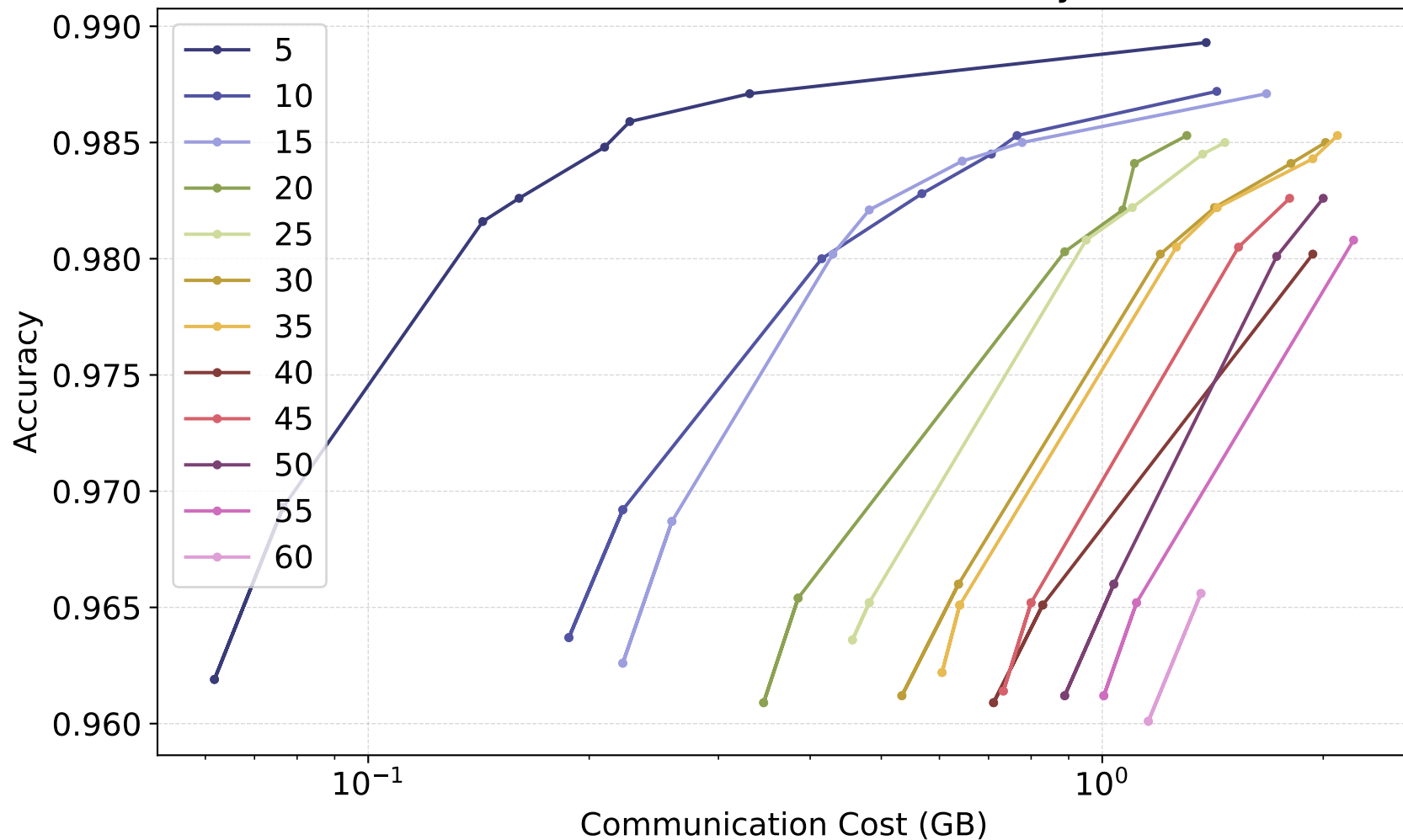
$\Theta$  : 0.5 , Batch Size: 32 , Bias: only label 0



*Theta* : 1.5 , Batch Size: 32 , Bias: only label 0

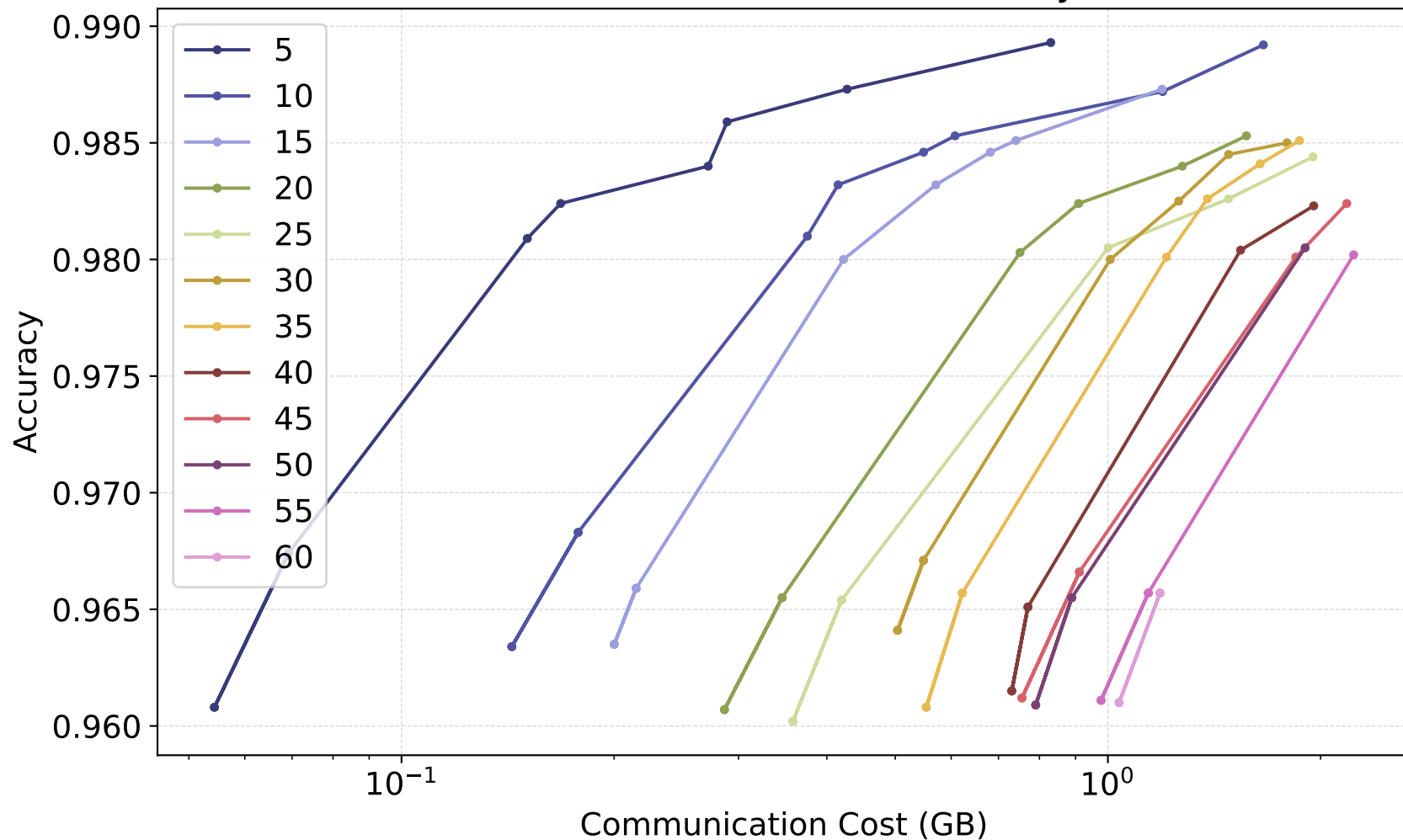


*Theta* : 1.5 , Batch Size: 32 , Bias: only label 0



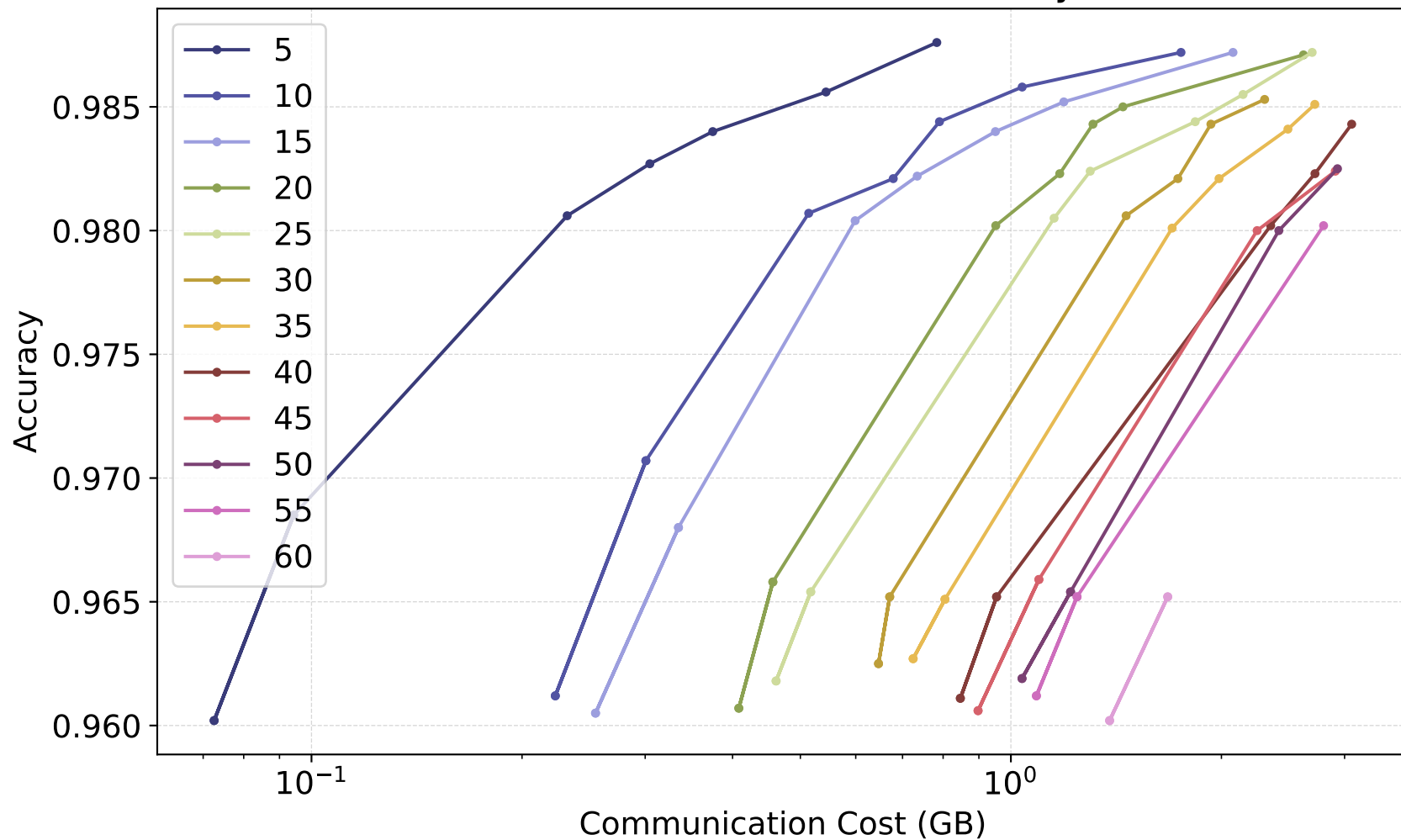
linear

*Theta* : 1.5 , Batch Size: 32 , Bias: only label 0



sketch

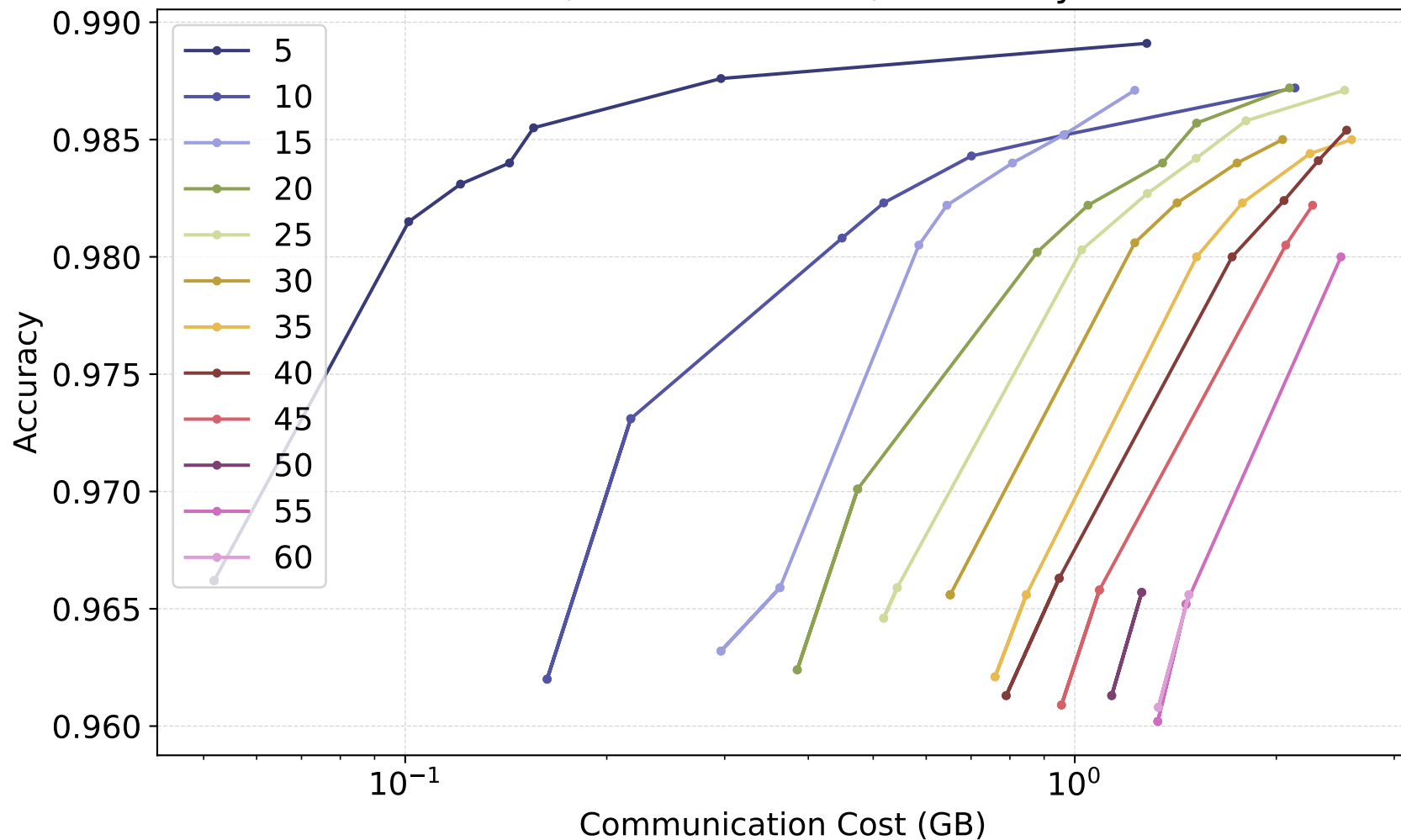
$\Theta$  : 1.5 , Batch Size: 32 , Bias: only label 0





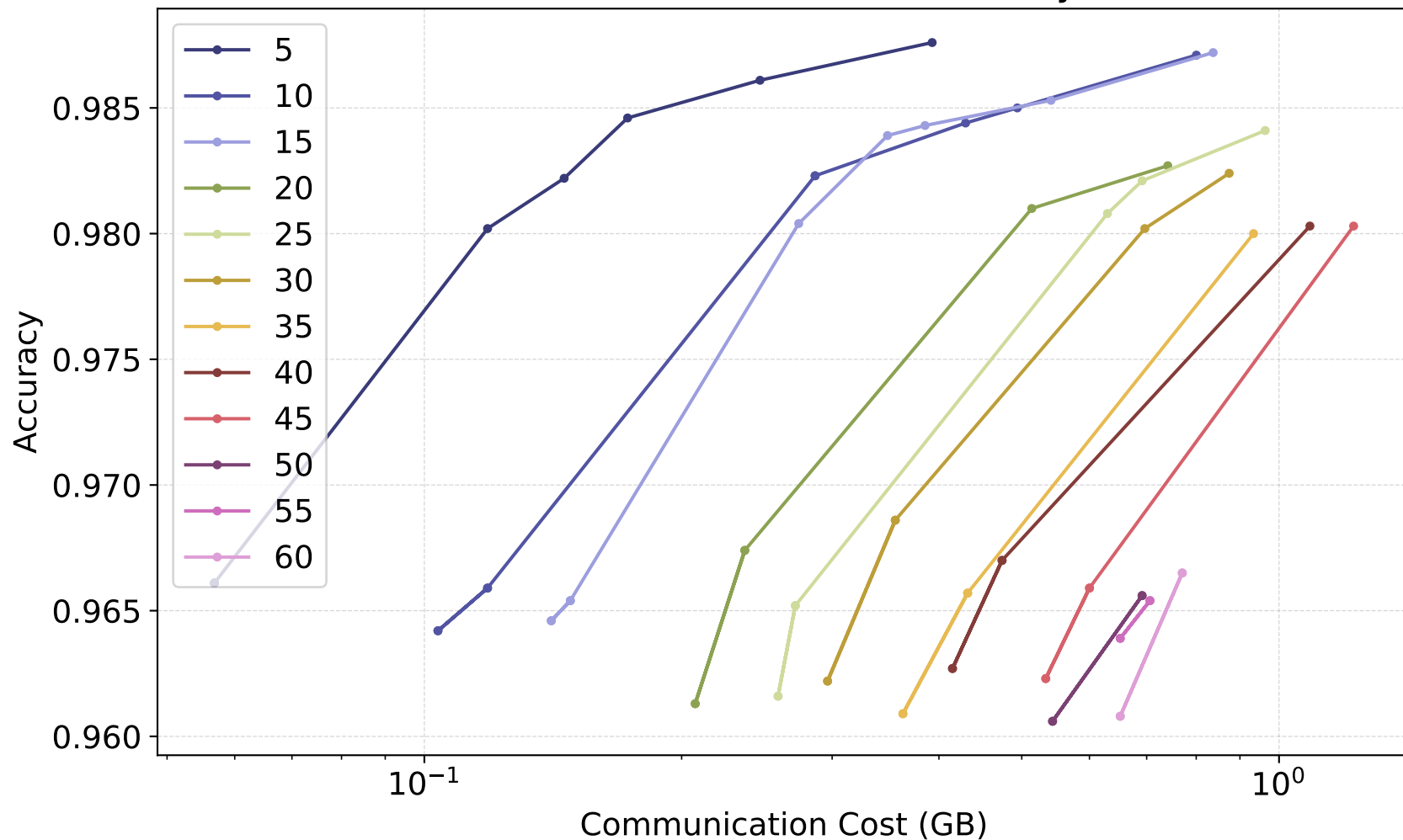
gm

*Theta* : 3.0 , Batch Size: 32 , Bias: only label 0

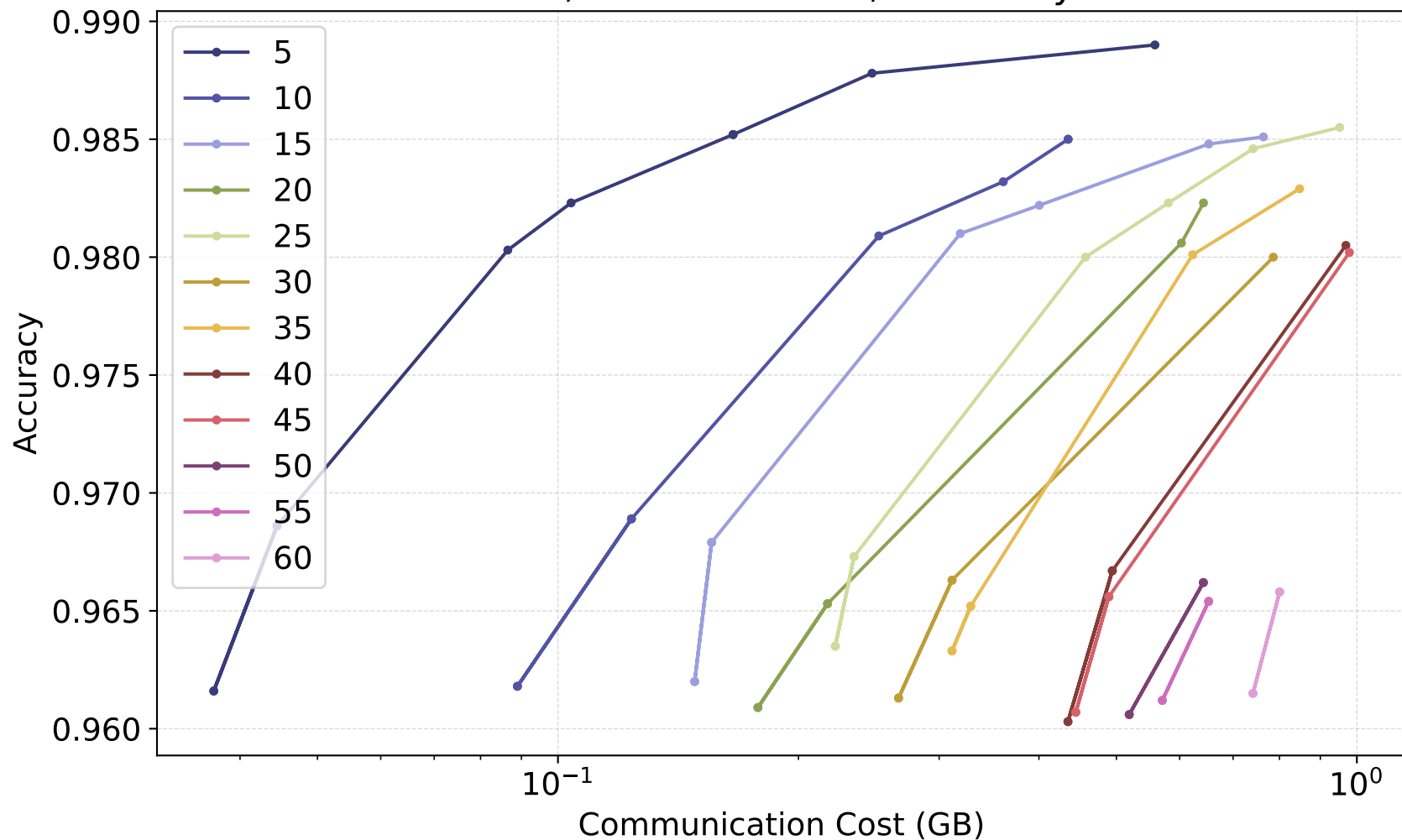


naive

*Theta* : 3.0 , Batch Size: 32 , Bias: only label 0

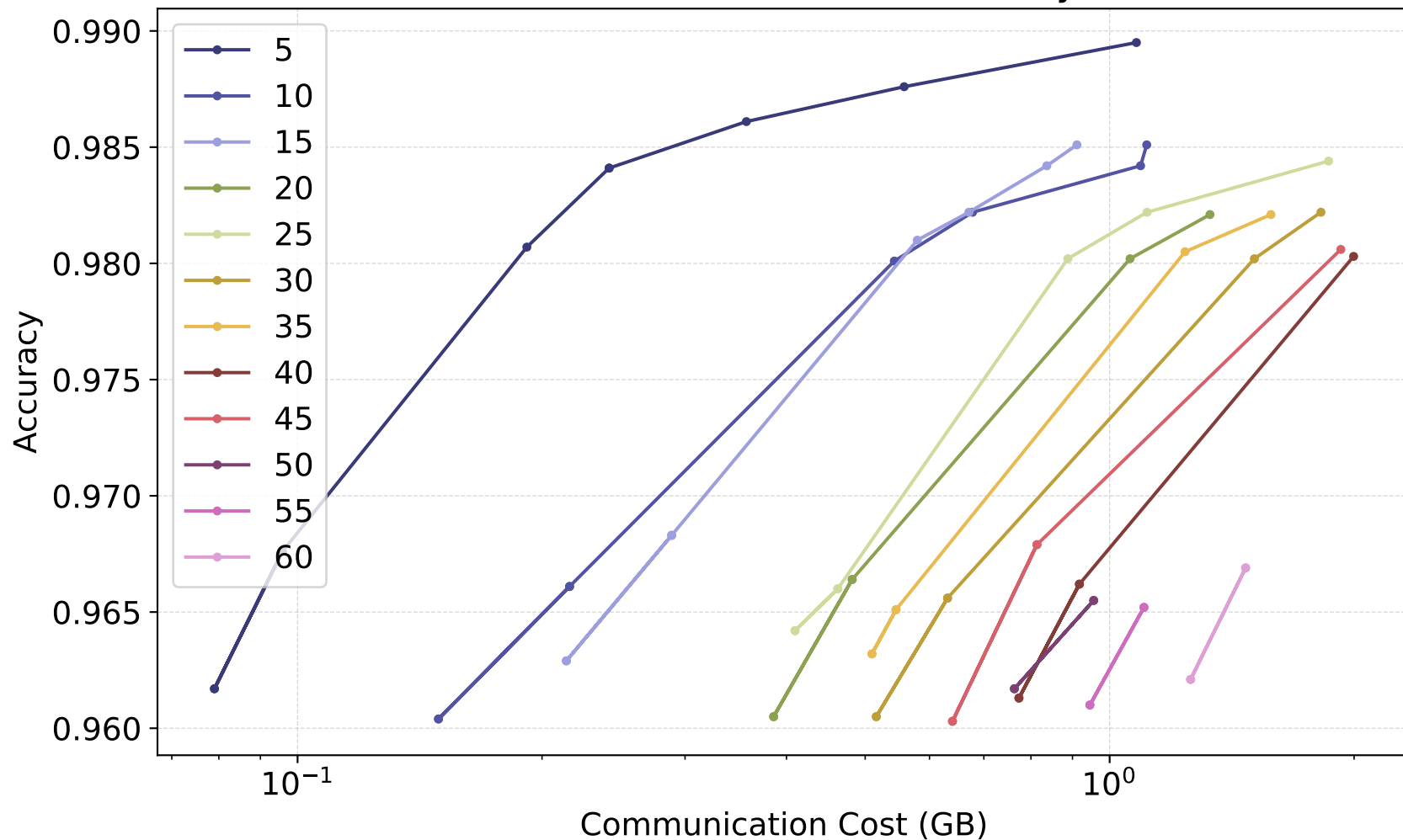


*Theta* : 3.0 , Batch Size: 32 , Bias: only label 0



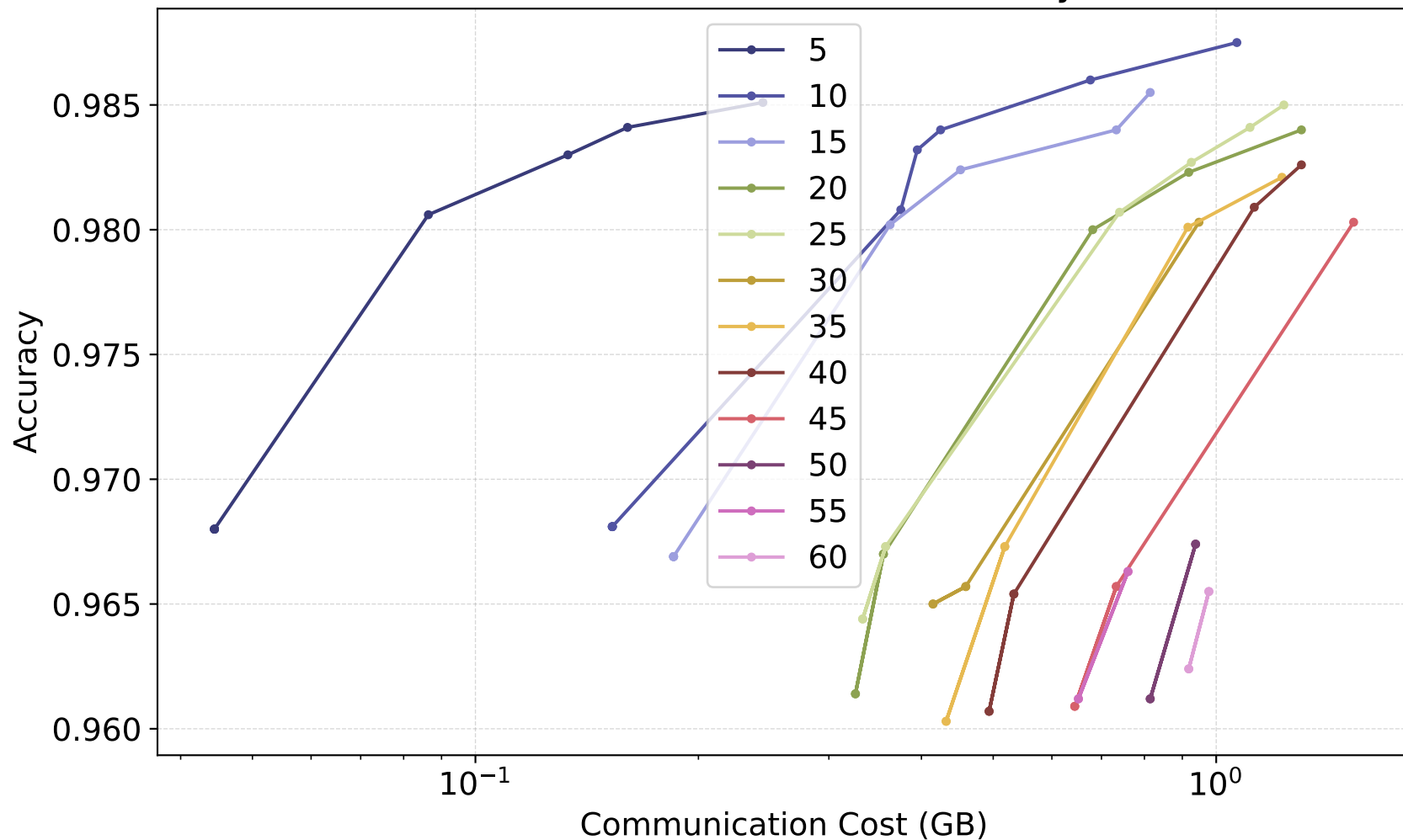
sketch

*Theta* : 3.0 , Batch Size: 32 , Bias: only label 0



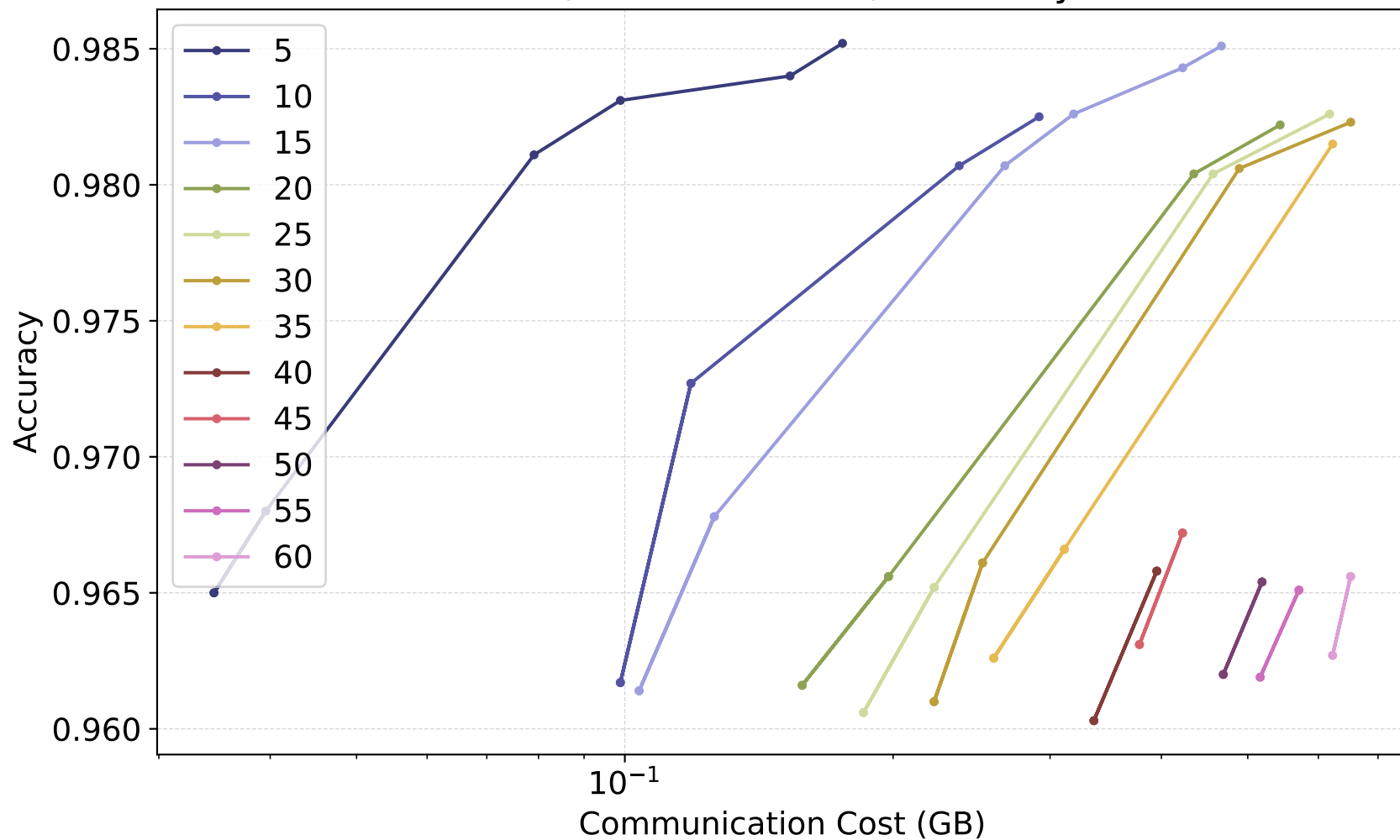
gm

*Theta* : 5.0 , Batch Size: 32 , Bias: only label 0



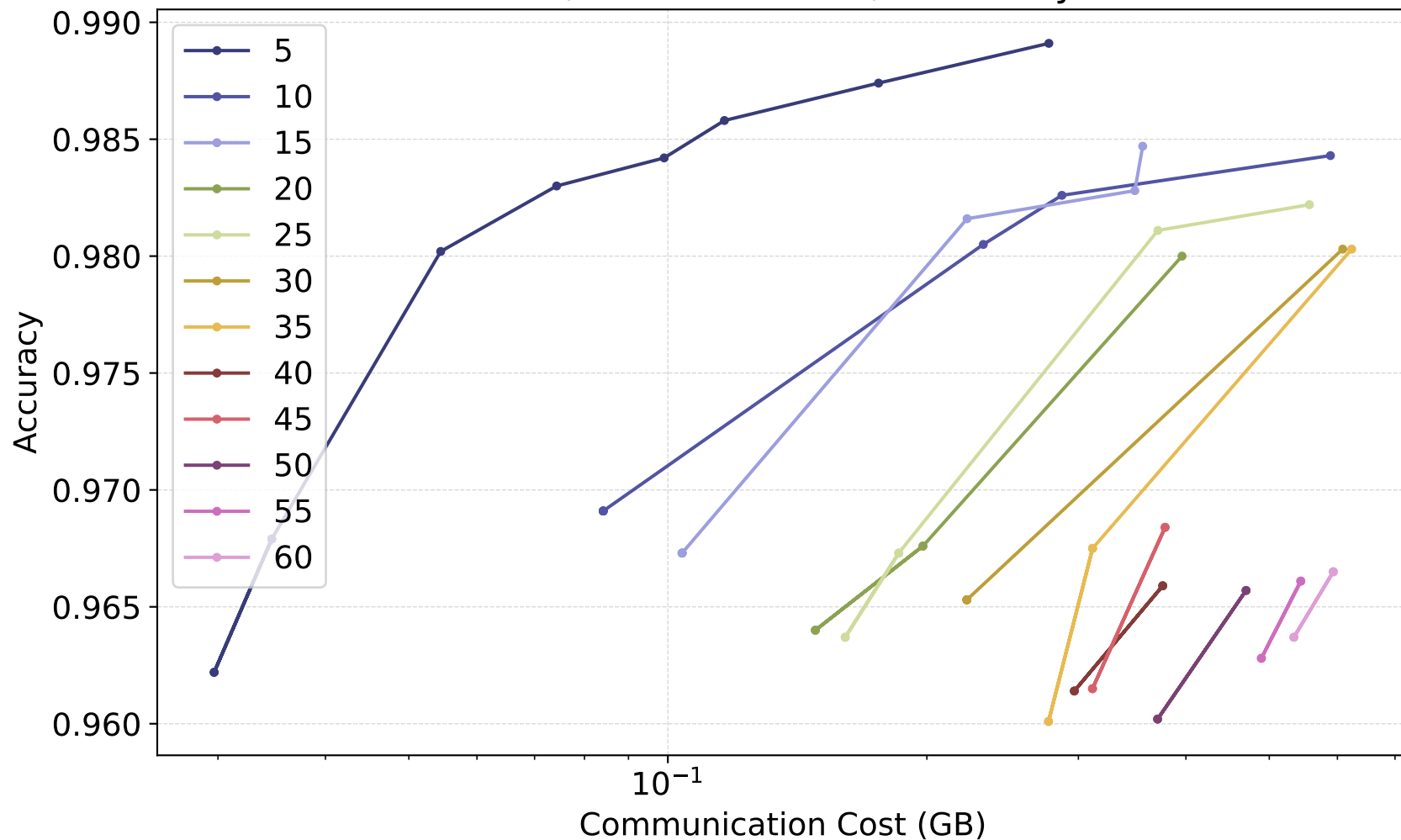
naive

*Theta* : 5.0 , Batch Size: 32 , Bias: only label 0



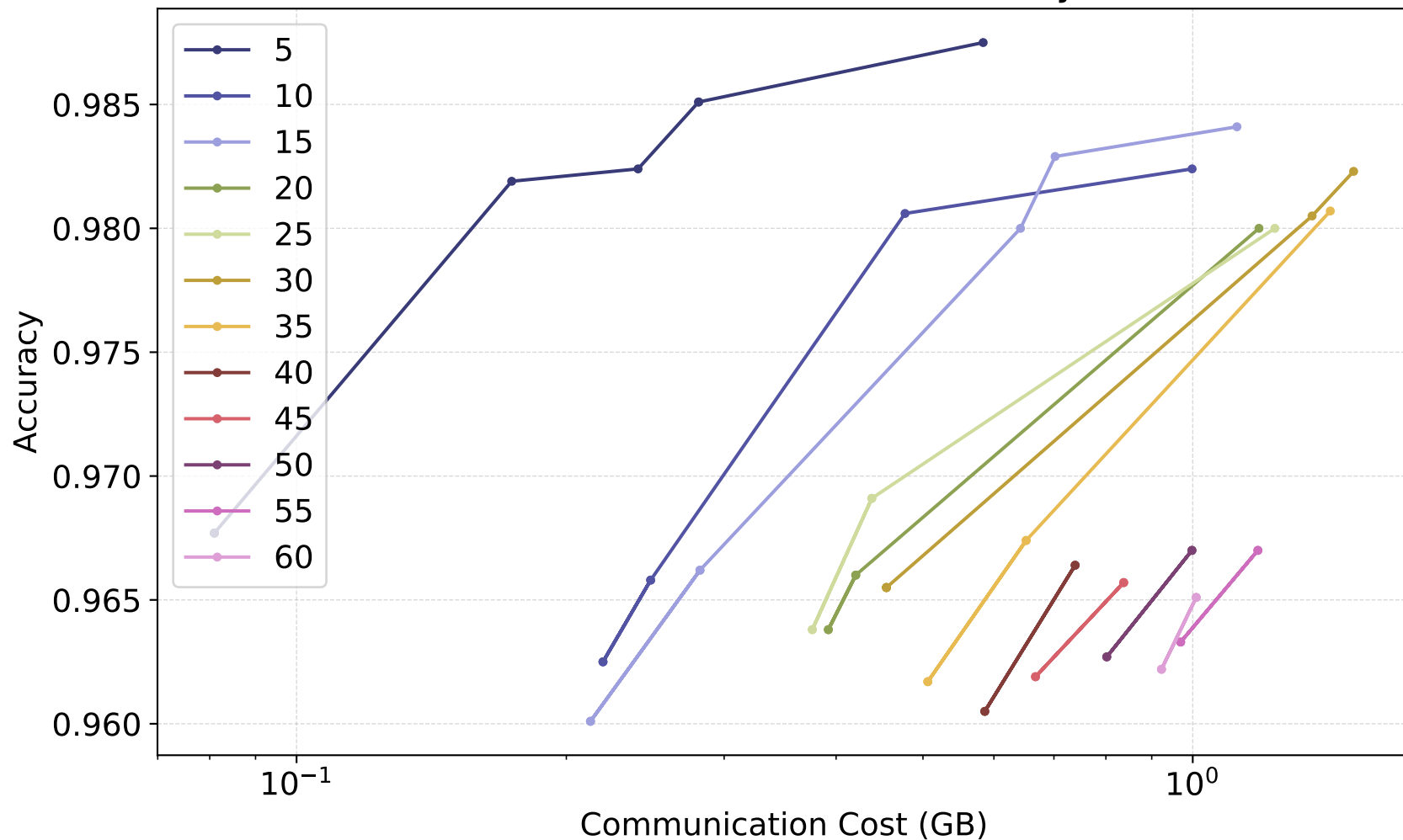
linear

*Theta* : 5.0 , Batch Size: 32 , Bias: only label 0



sketch

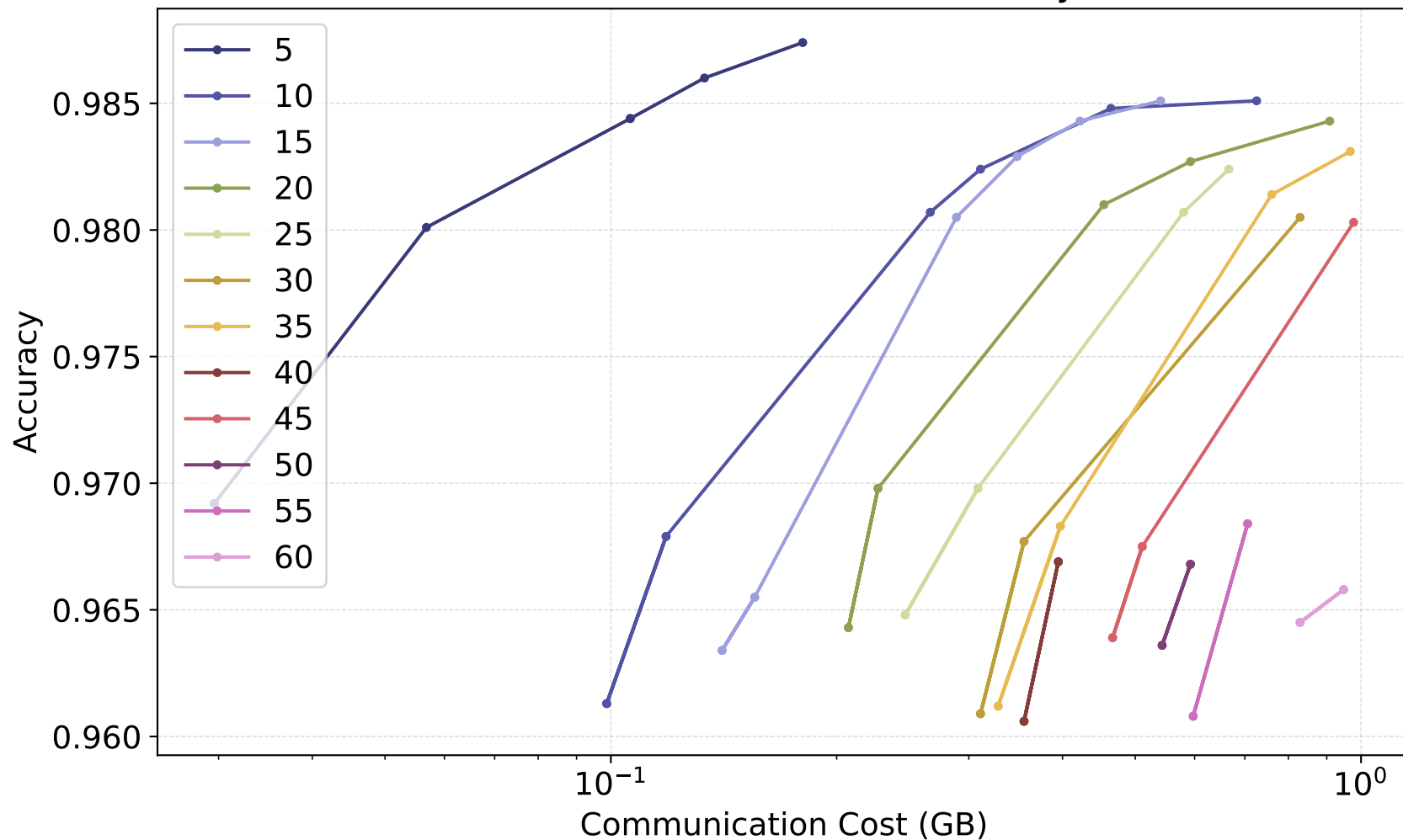
*Theta* : 5.0 , Batch Size: 32 , Bias: only label 0





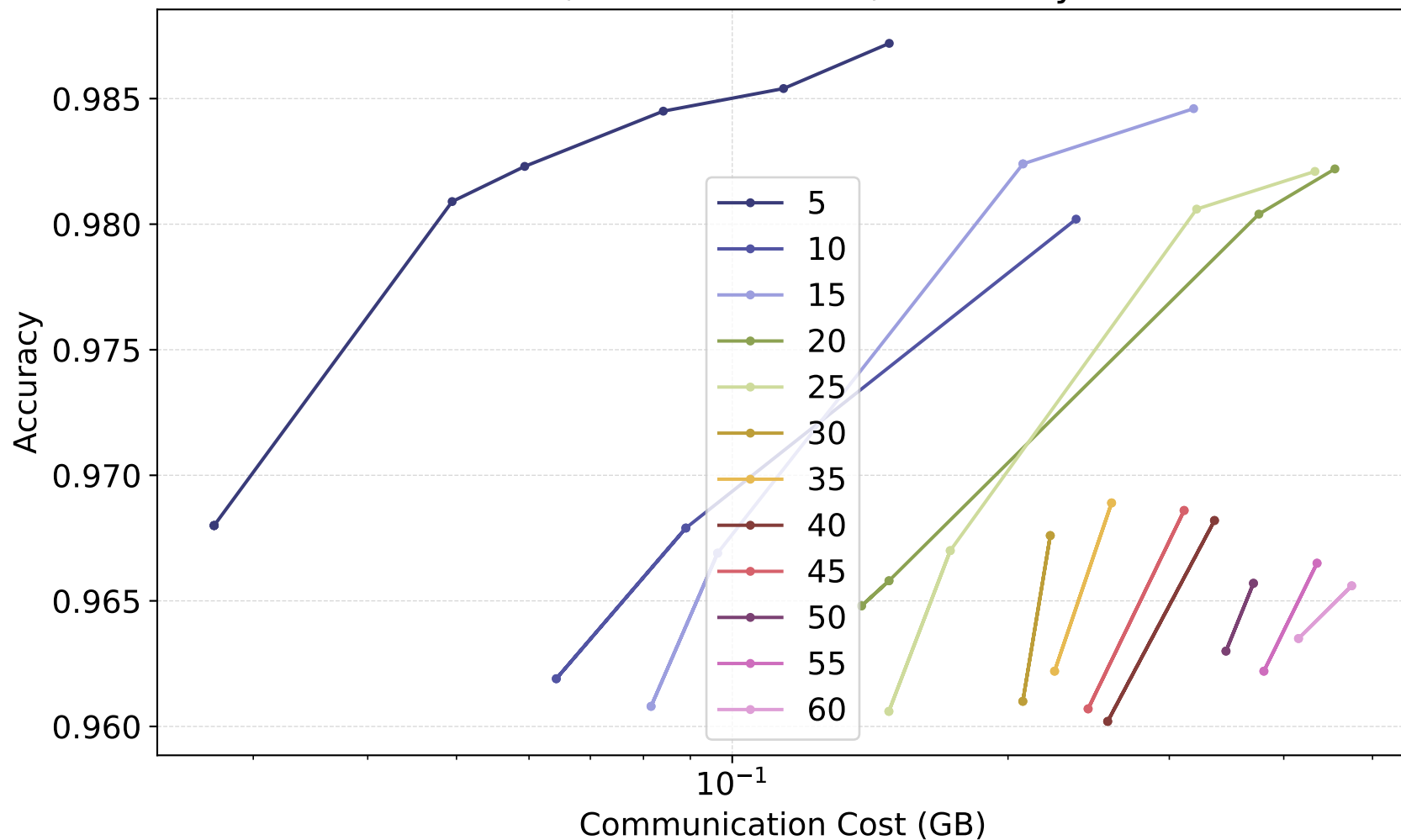
gm

*Theta* : 7.0 , Batch Size: 32 , Bias: only label 0

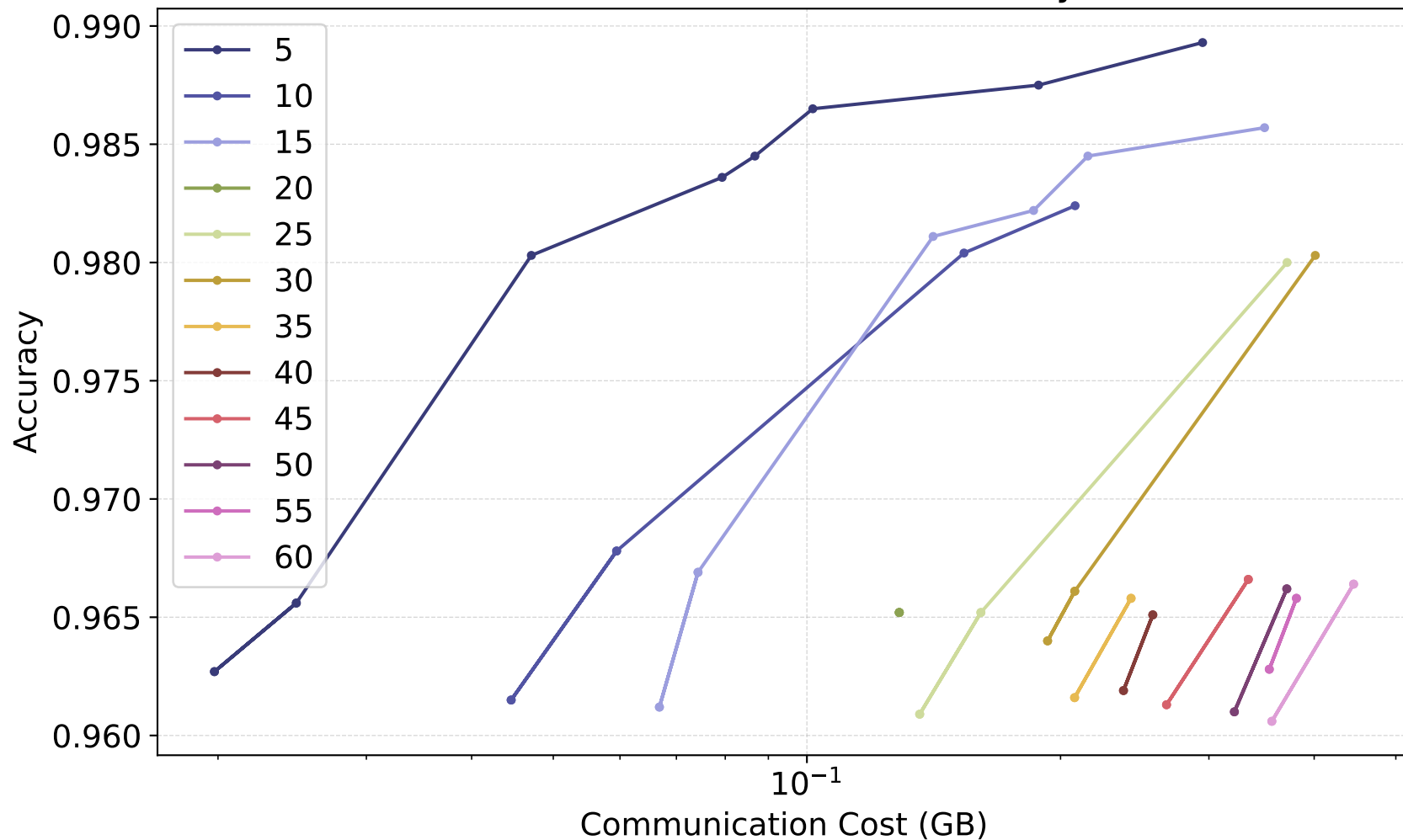


naive

*Theta* : 7.0 , Batch Size: 32 , Bias: only label 0

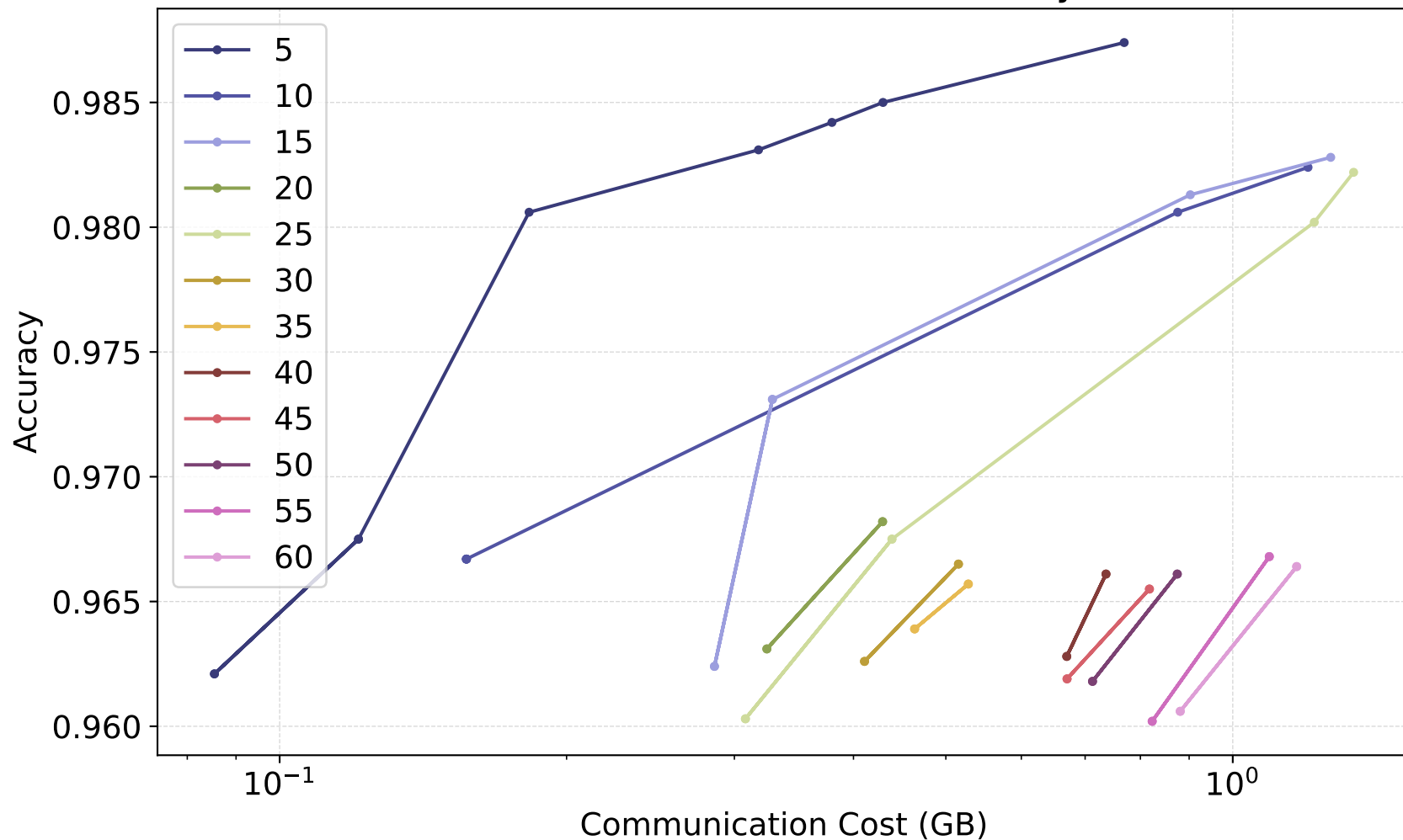


*Theta* : 7.0 , Batch Size: 32 , Bias: only label 0



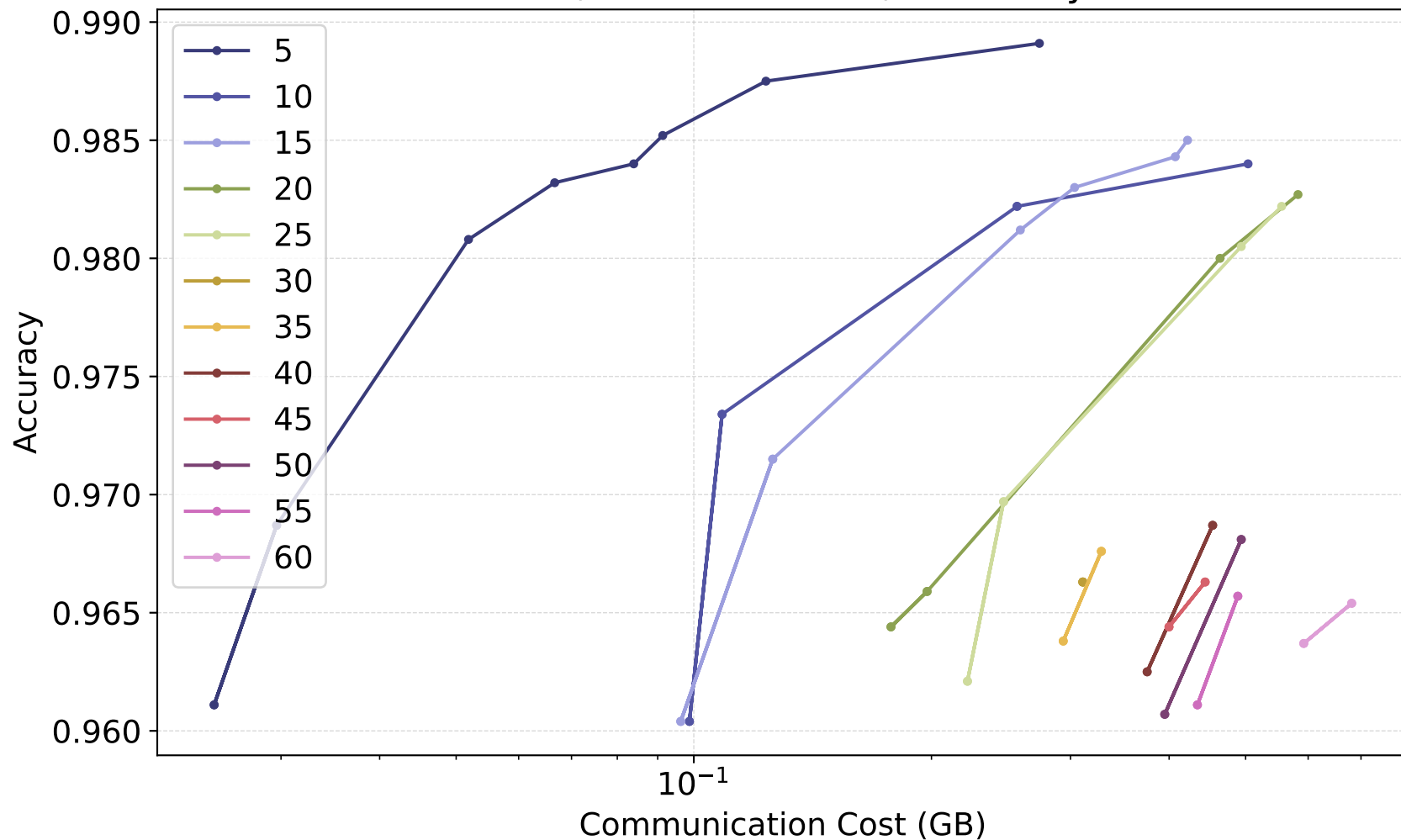
sketch

$\Theta$  : 7.0 , Batch Size: 32 , Bias: only label 0



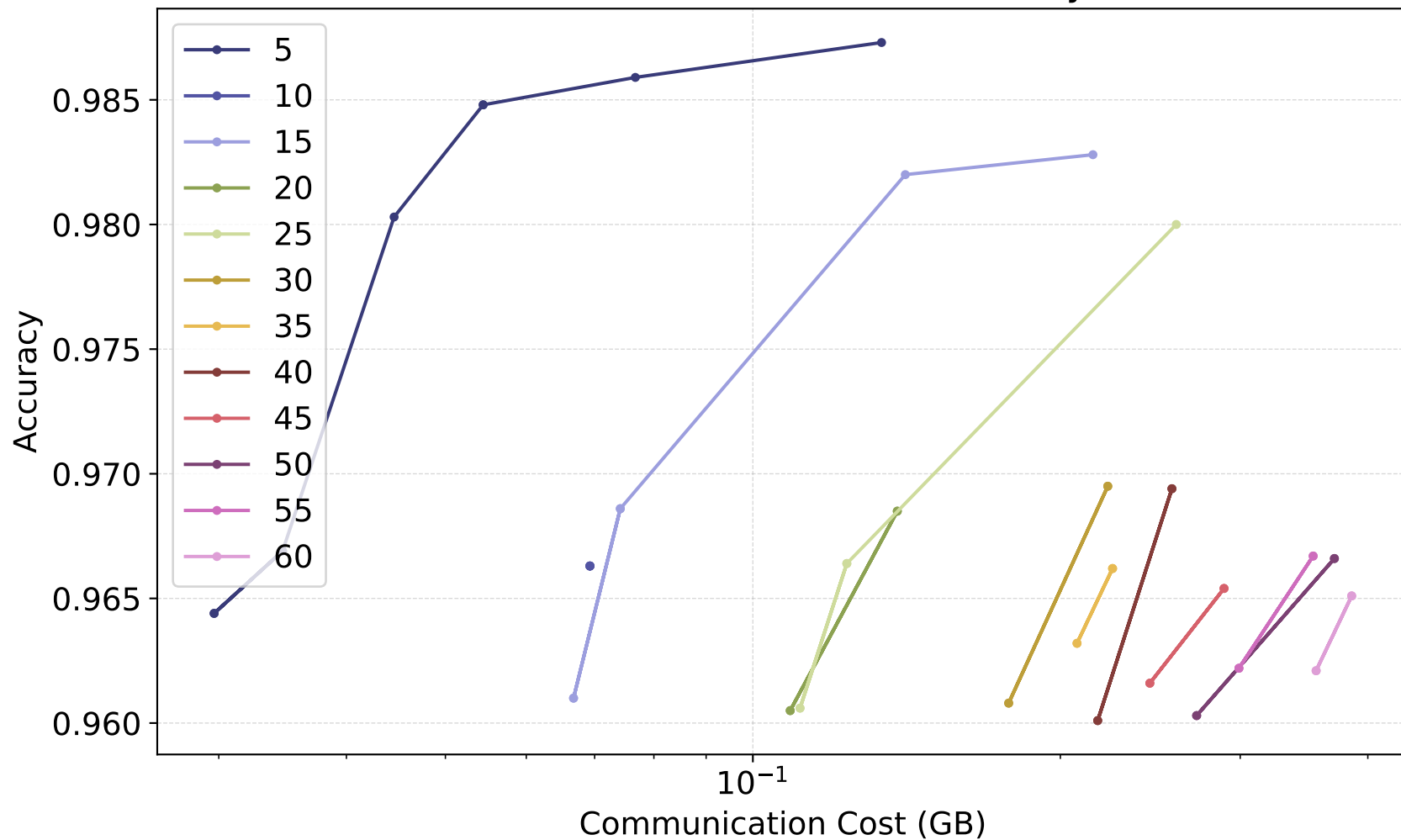
gm

*Theta* : 10.0 , Batch Size: 32 , Bias: only label 0



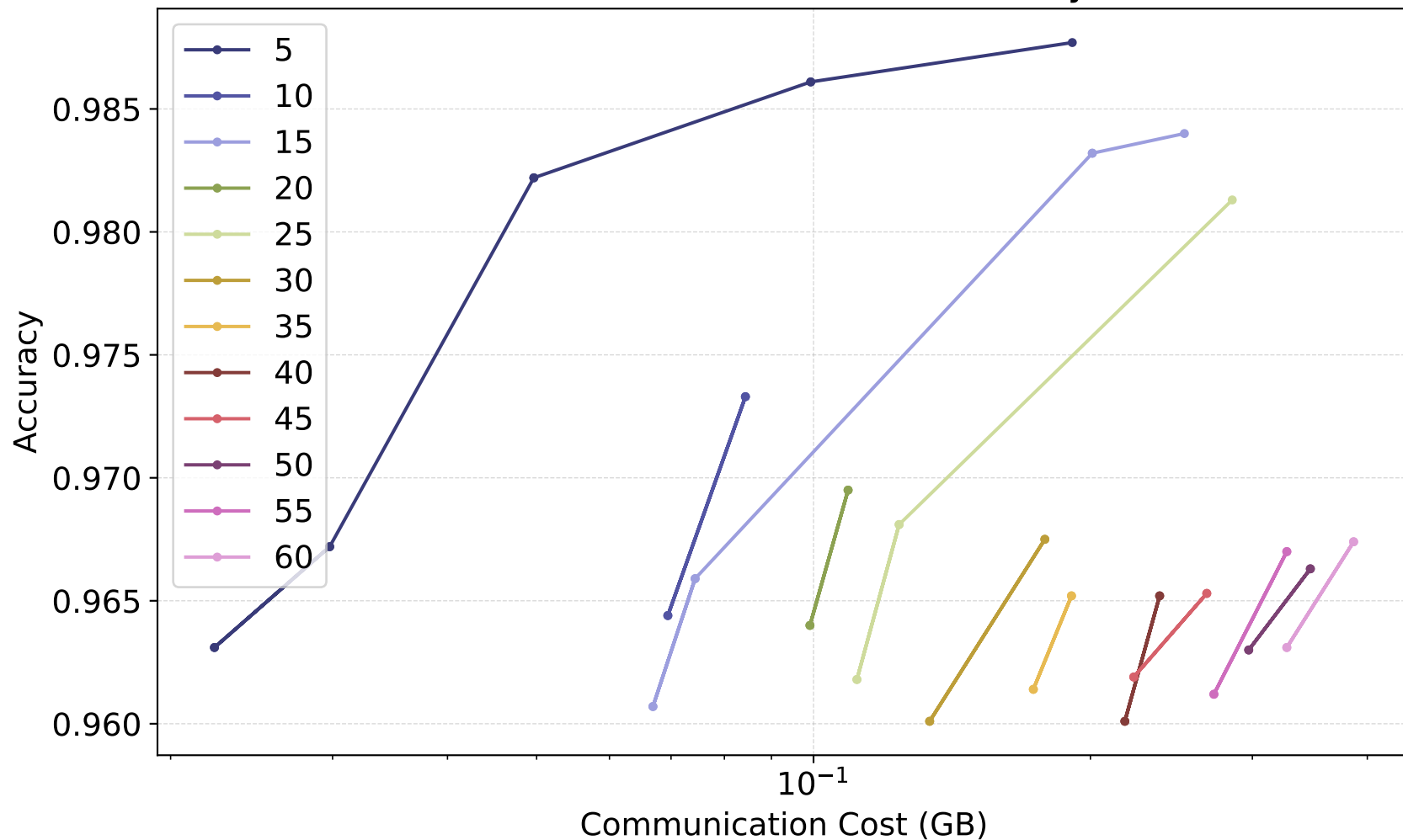
naive

*Theta* : 10.0 , Batch Size: 32 , Bias: only label 0



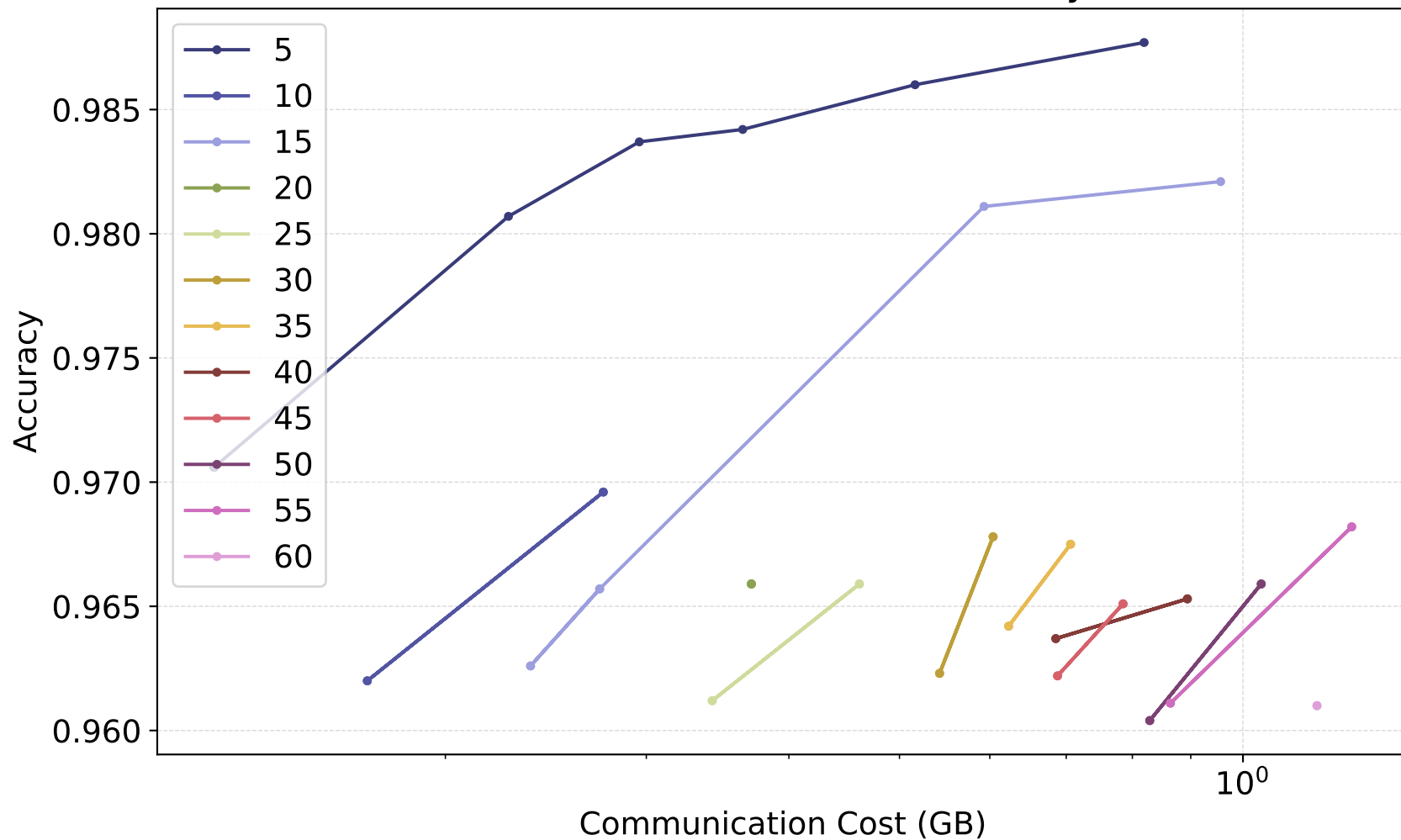
linear

*Theta* : 10.0 , Batch Size: 32 , Bias: only label 0



sketch

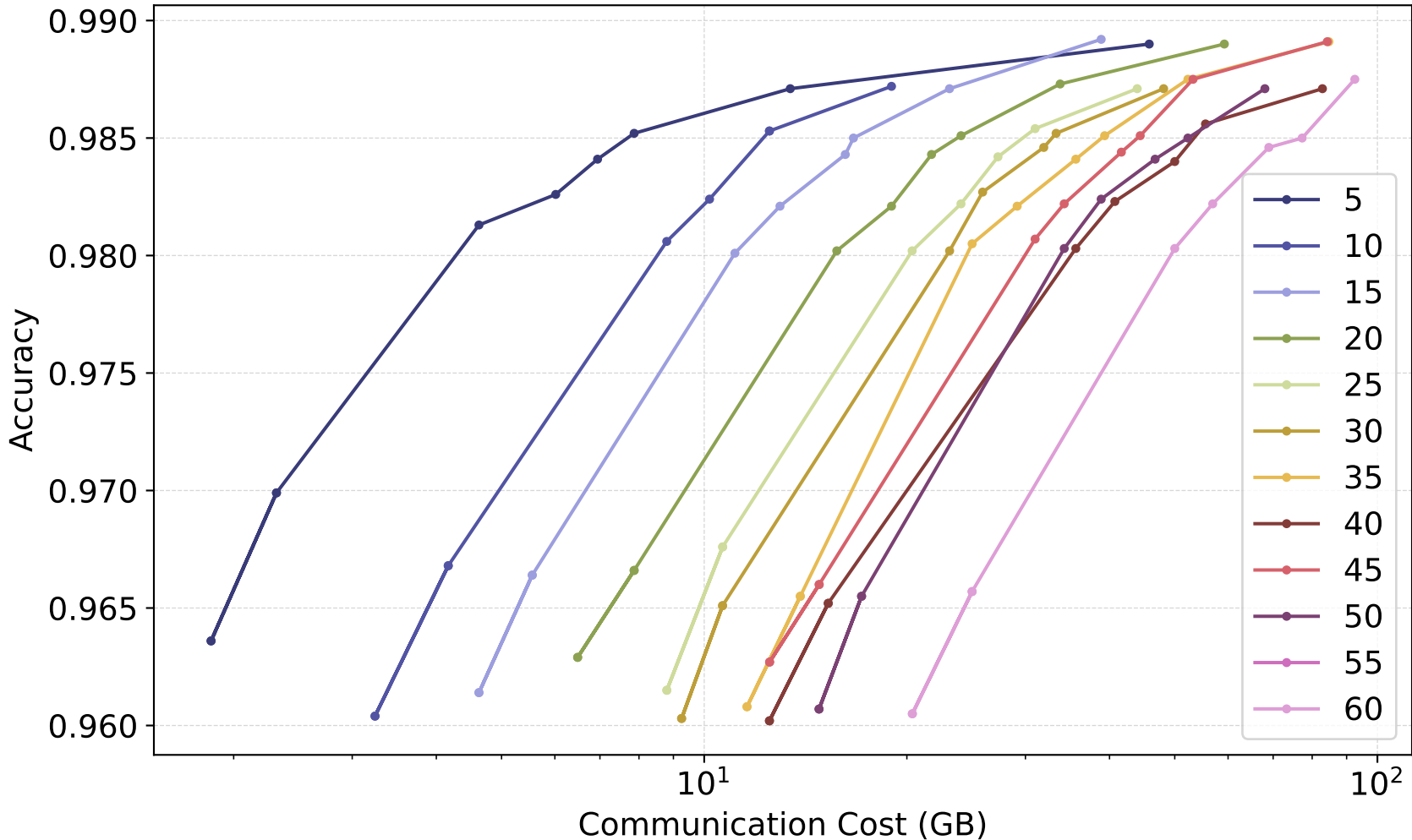
*Theta* : 10.0 , Batch Size: 32 , Bias: only label 0



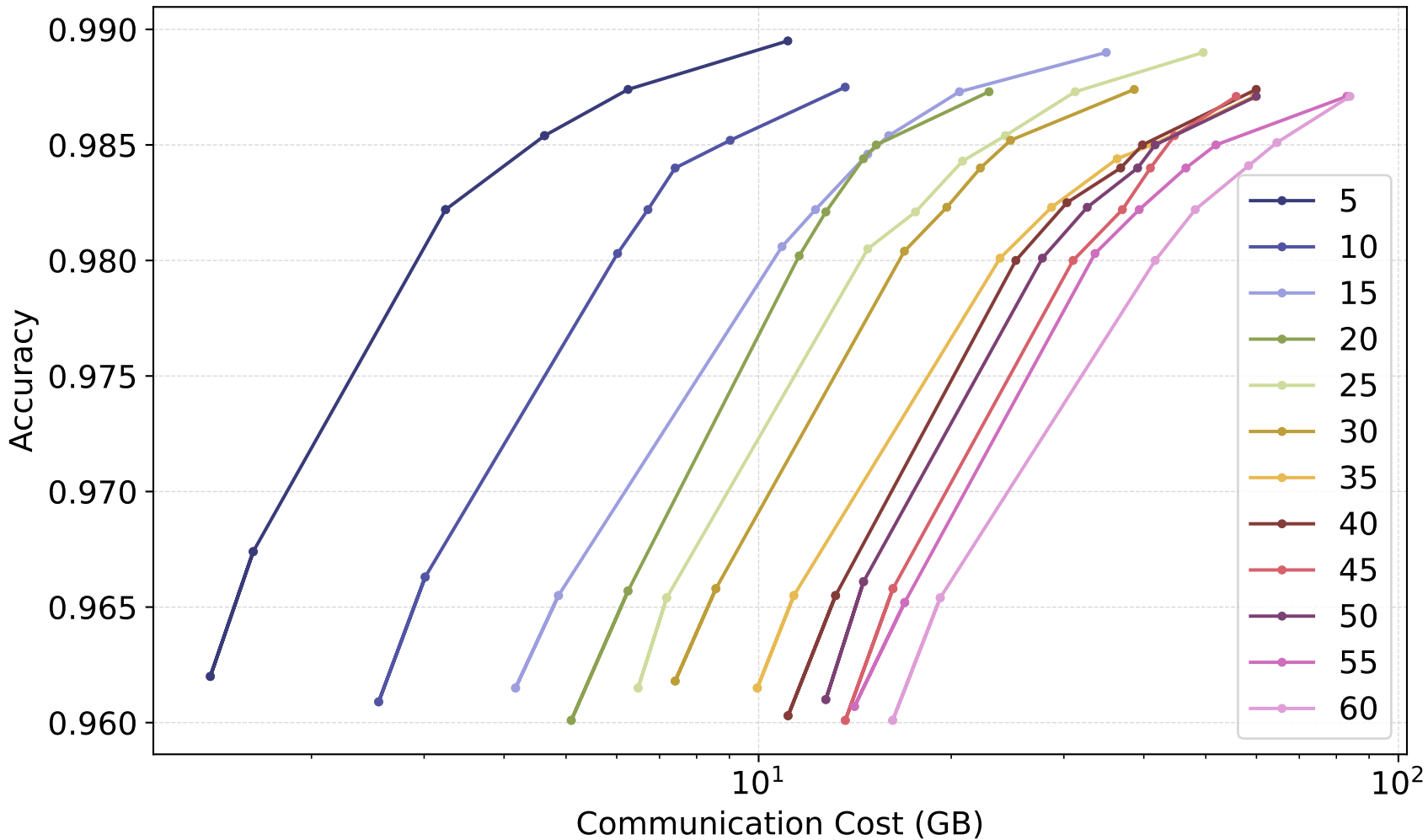




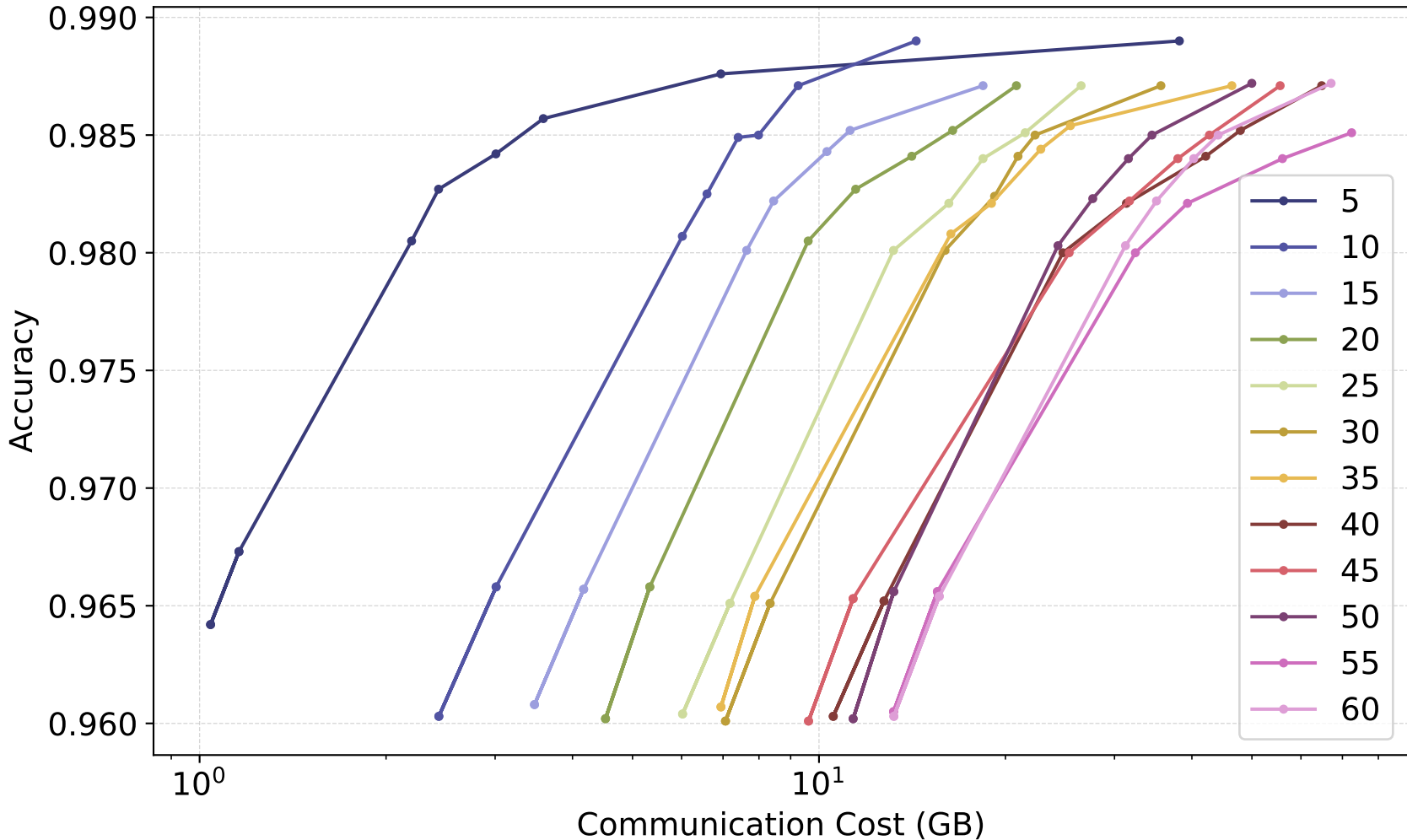
synchronous  
Batch Size : 64 , Bias: 0.3



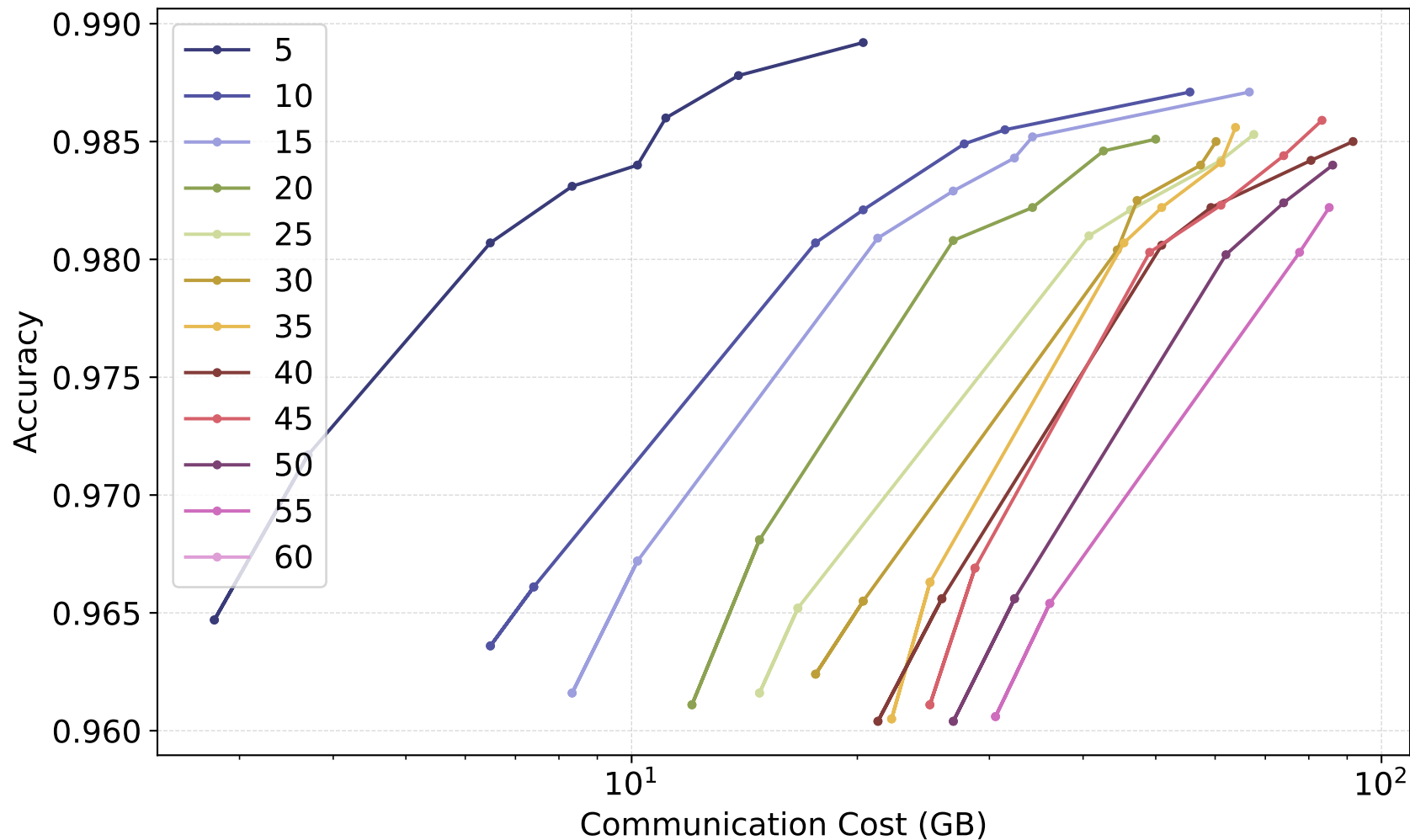
synchronous  
Batch Size : 128 , Bias: 0.3



synchronous  
Batch Size : 256 , Bias: 0.3



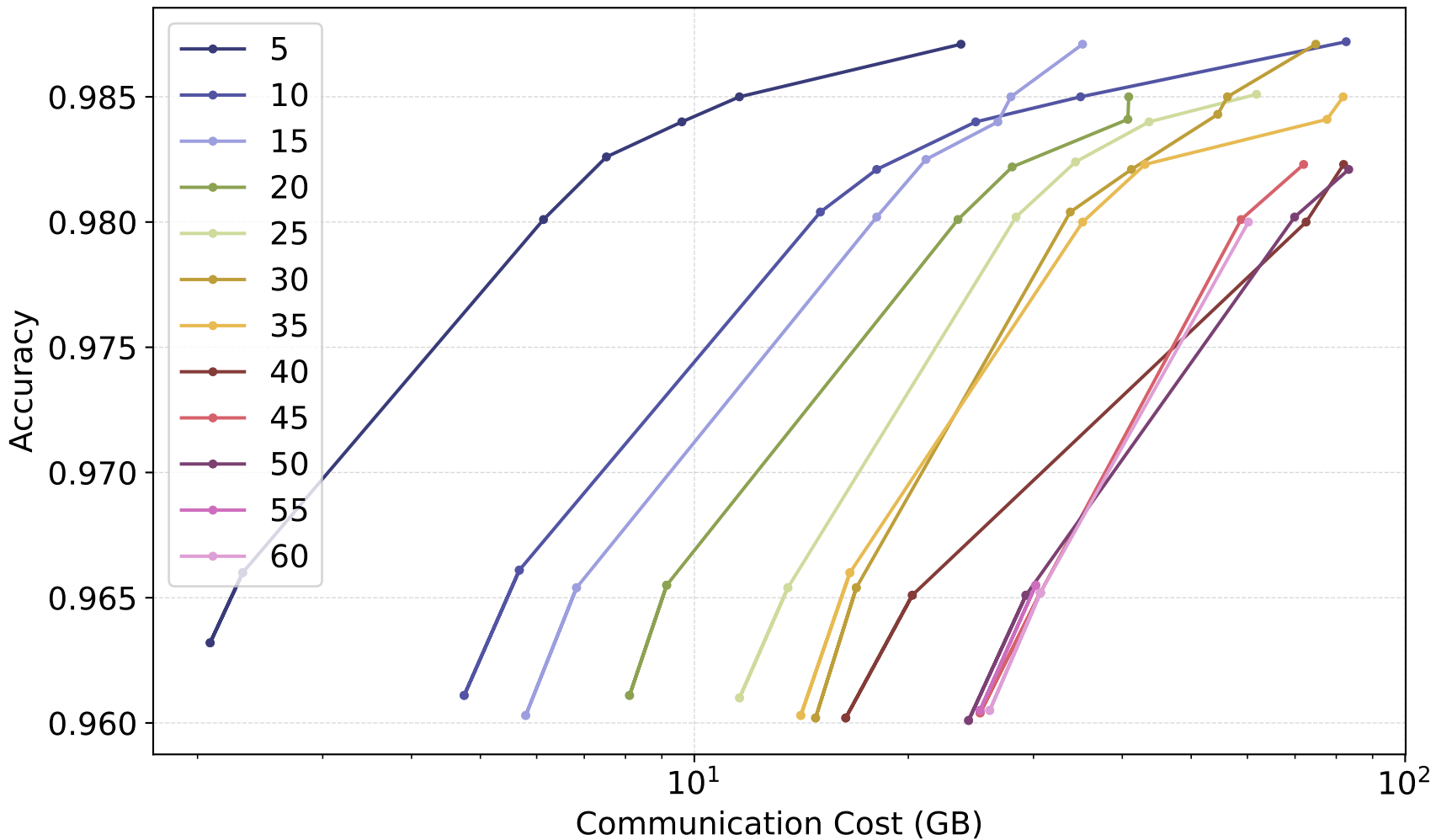
synchronous  
Batch Size : 32 , Bias: 0.6





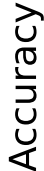


synchronous  
Batch Size : 256 , Bias: 0.6

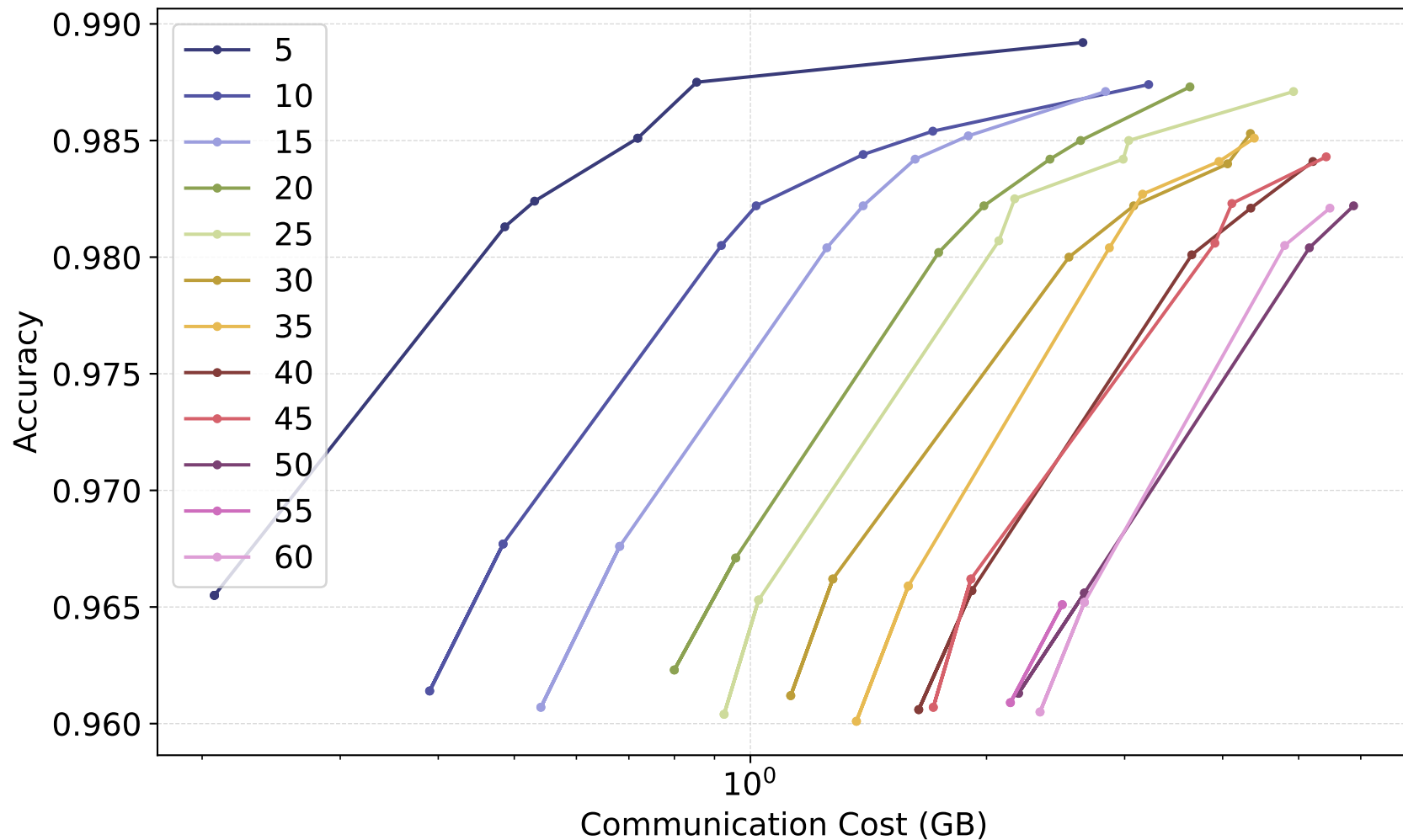




*Theta* : 0.5 , Batch Size: 32 , Bias: 0.6

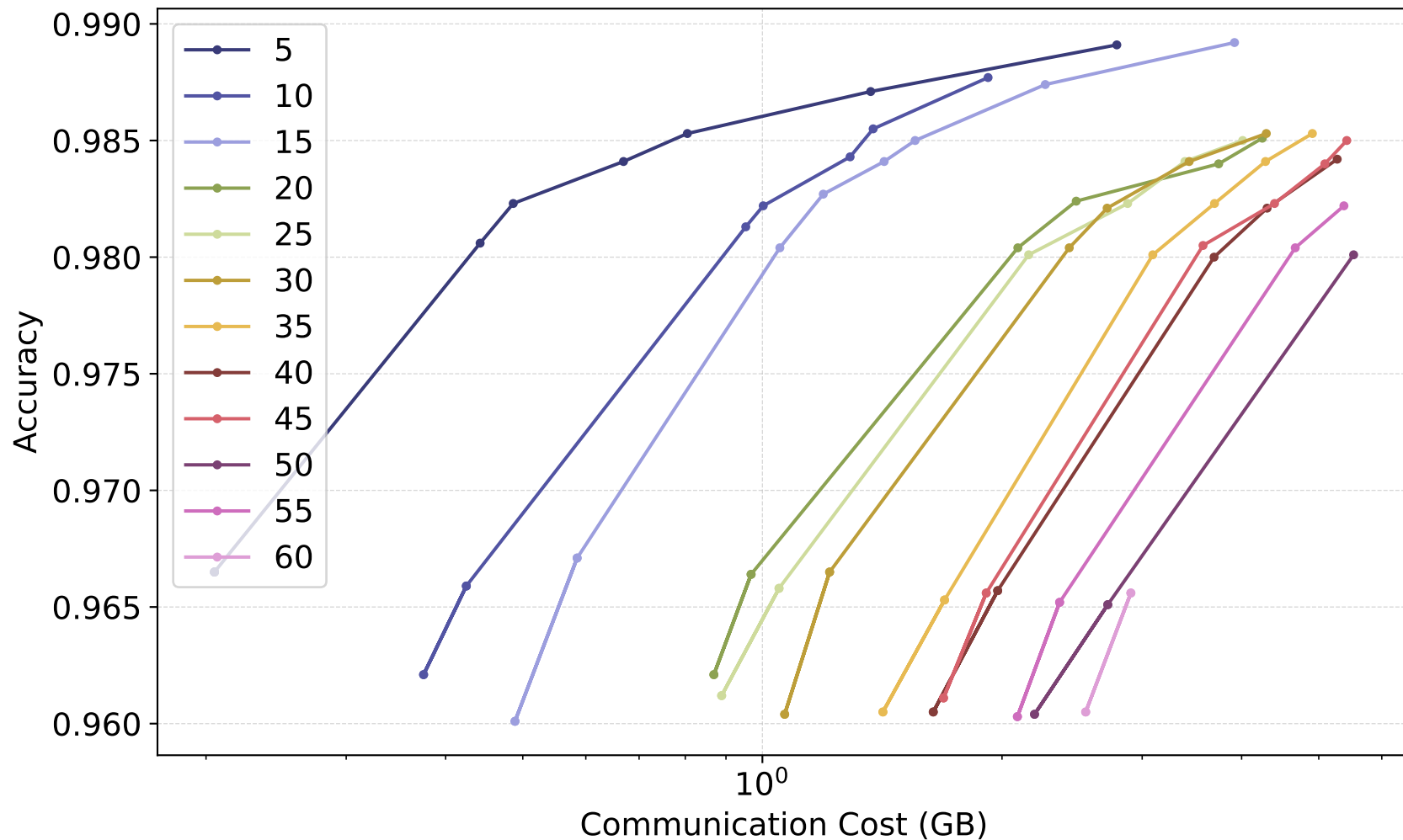


*Theta* : 0.5 , Batch Size: 32 , Bias: 0.6



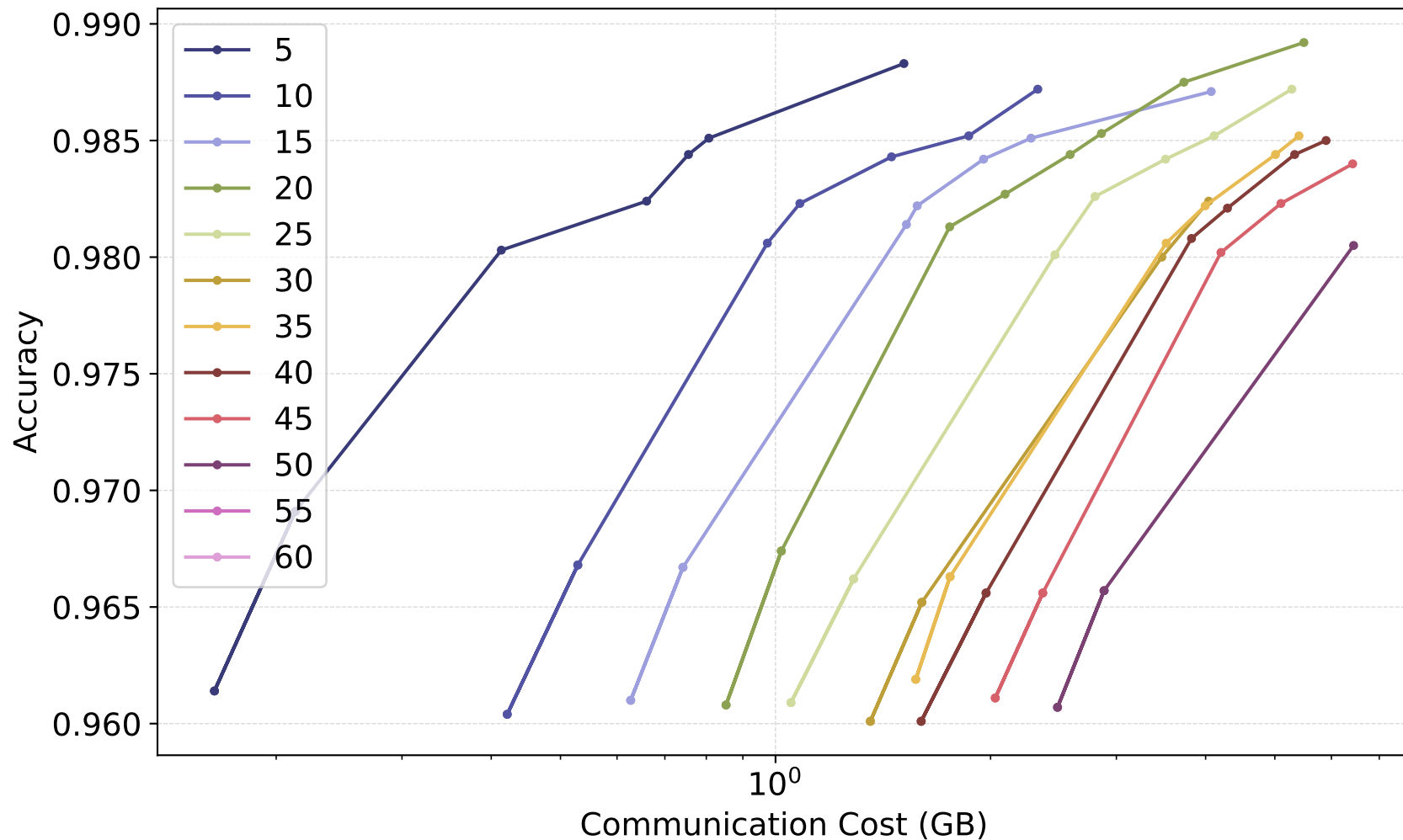
linear

$\Theta$  : 0.5 , Batch Size: 32 , Bias: 0.6



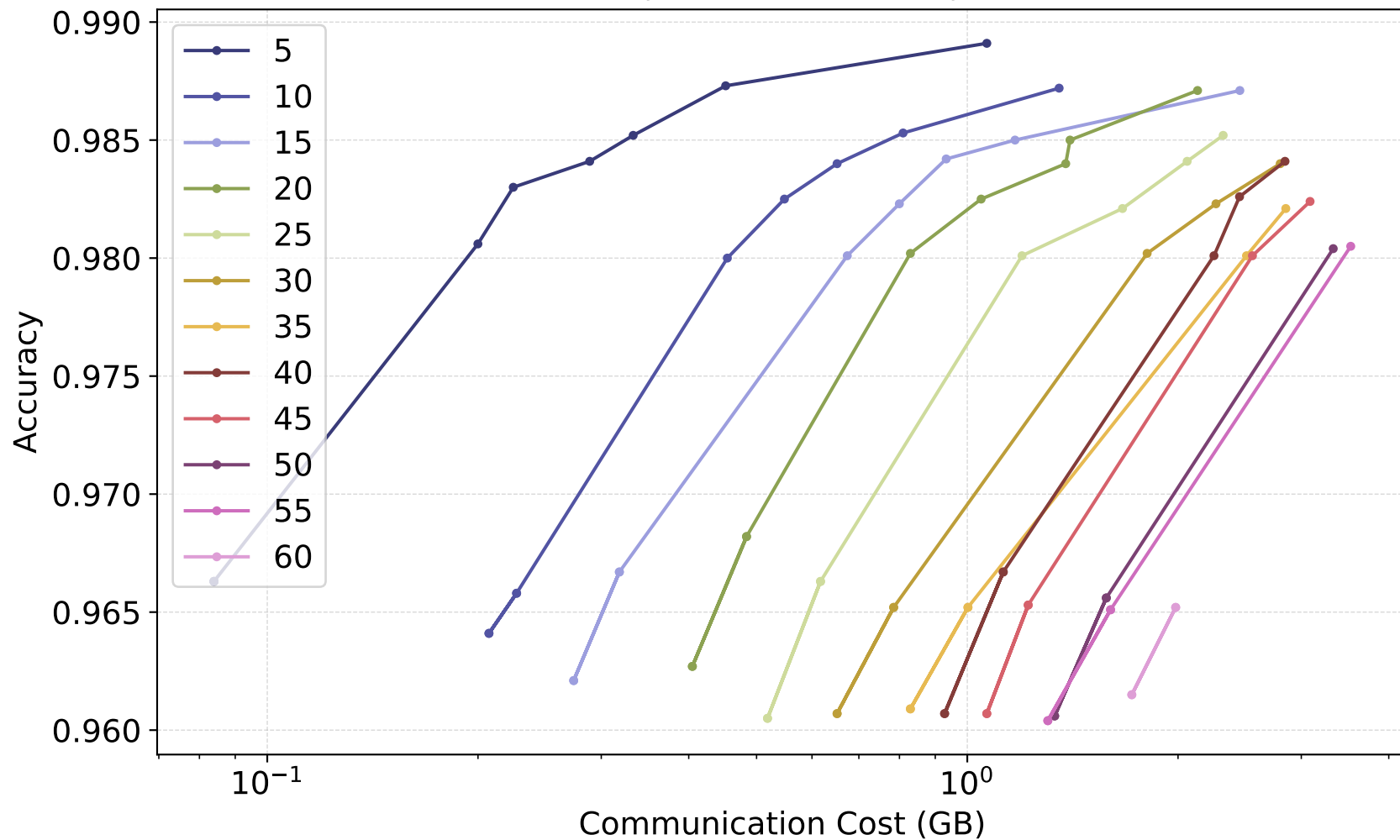
sketch

$\Theta$  : 0.5 , Batch Size: 32 , Bias: 0.6

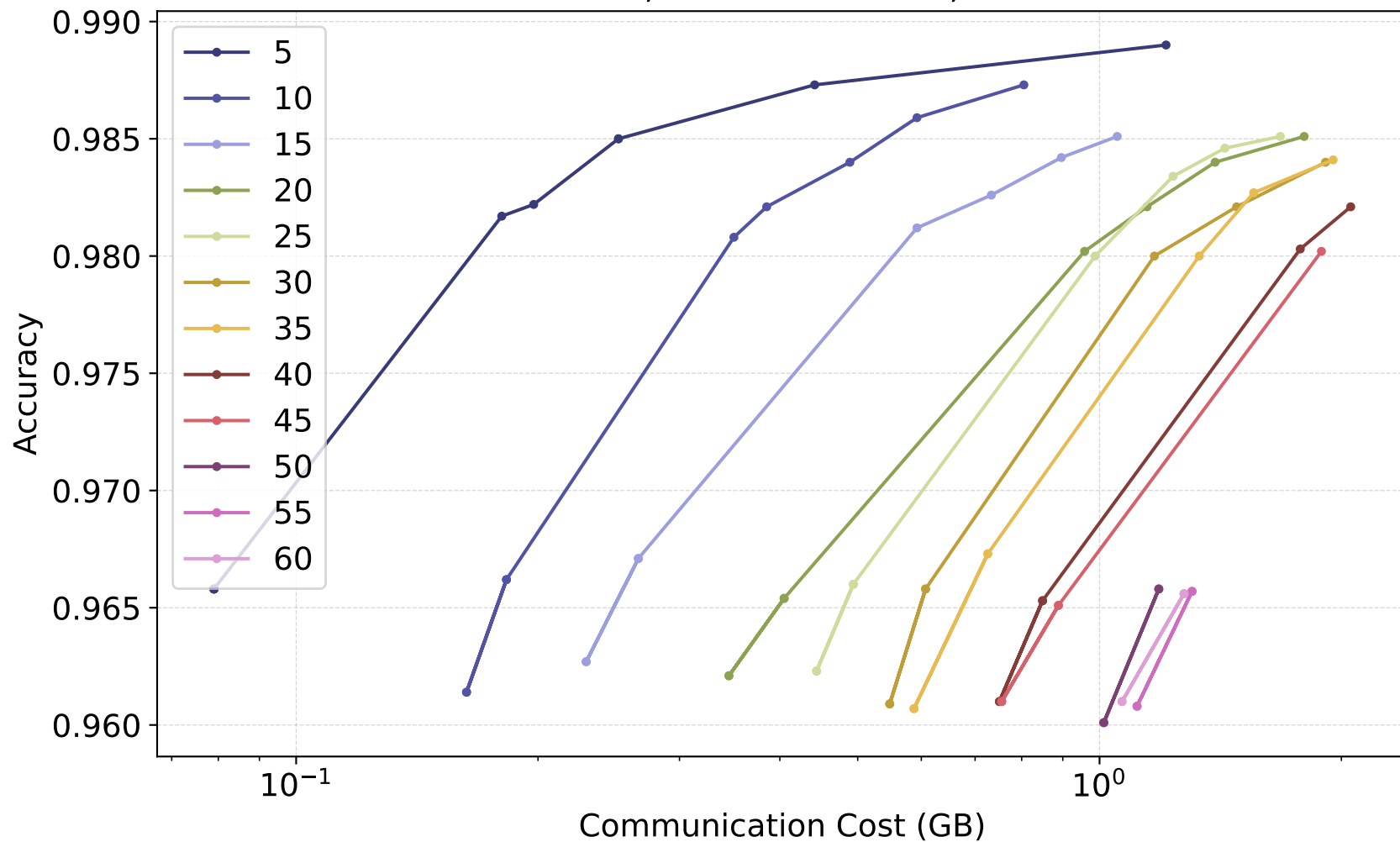


gm

*Theta* : 1.5 , Batch Size: 32 , Bias: 0.6

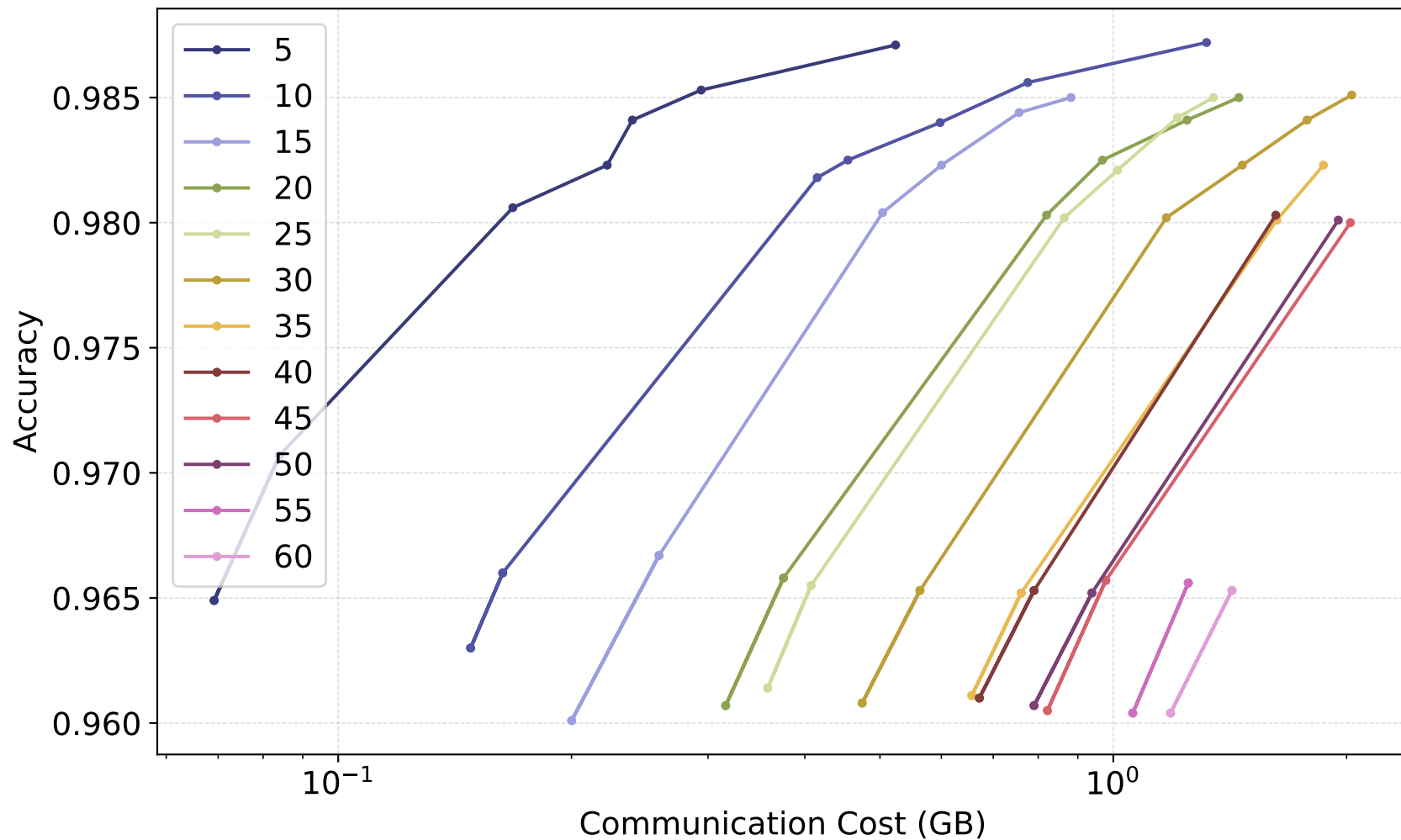


*Theta* : 1.5 , Batch Size: 32 , Bias: 0.6

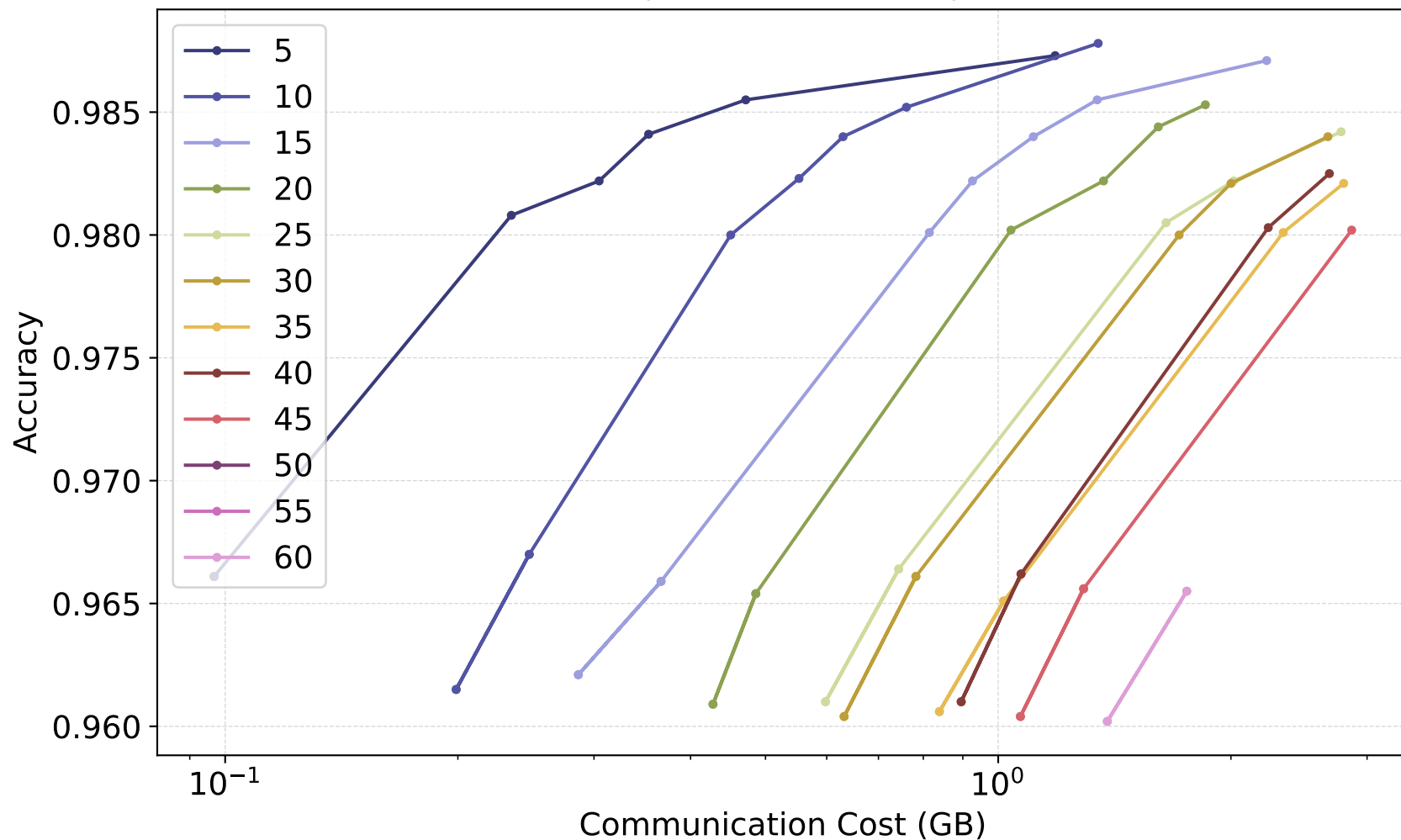


linear

$\Theta$  : 1.5 , Batch Size: 32 , Bias: 0.6



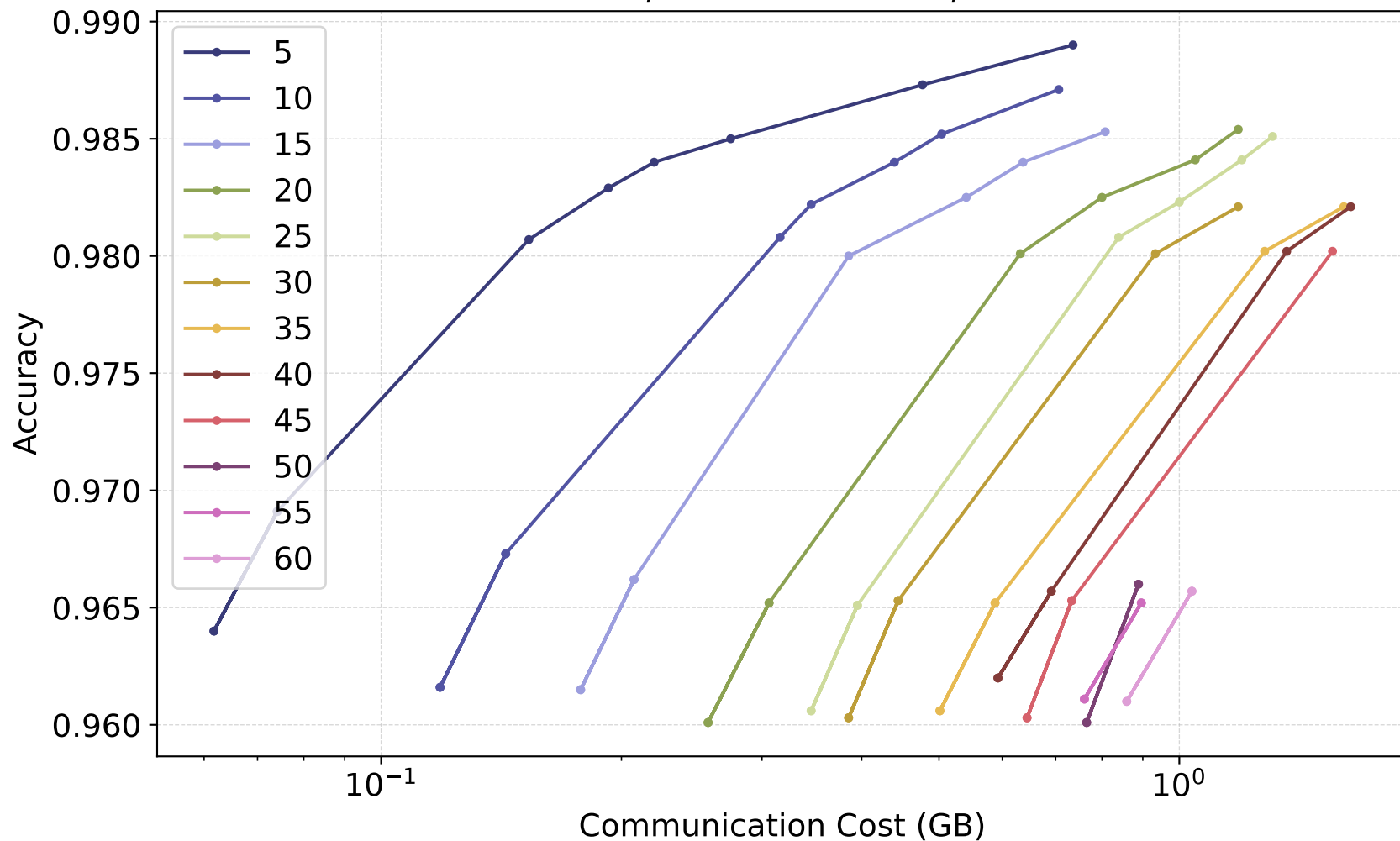
*Theta* : 1.5 , Batch Size: 32 , Bias: 0.6



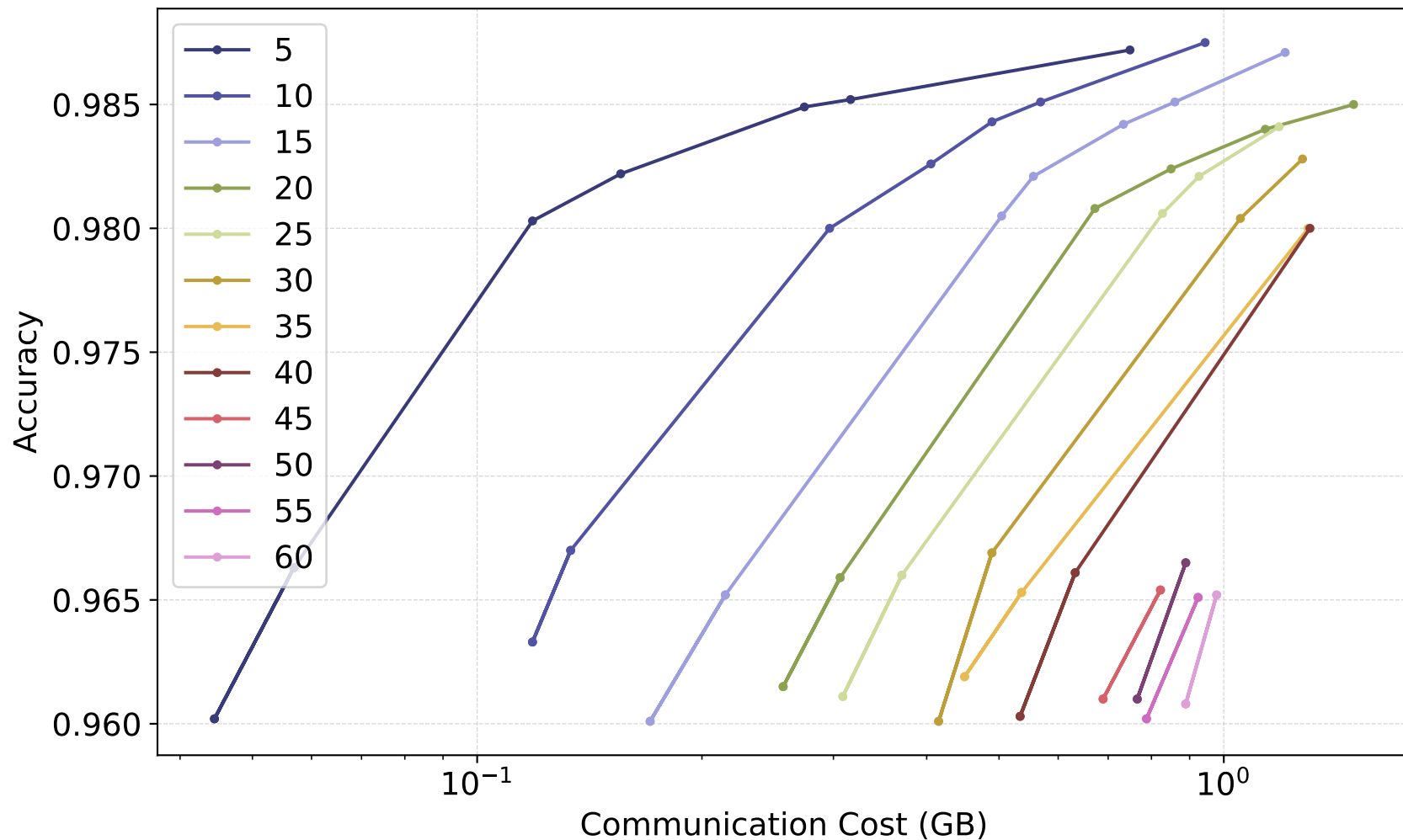


naive

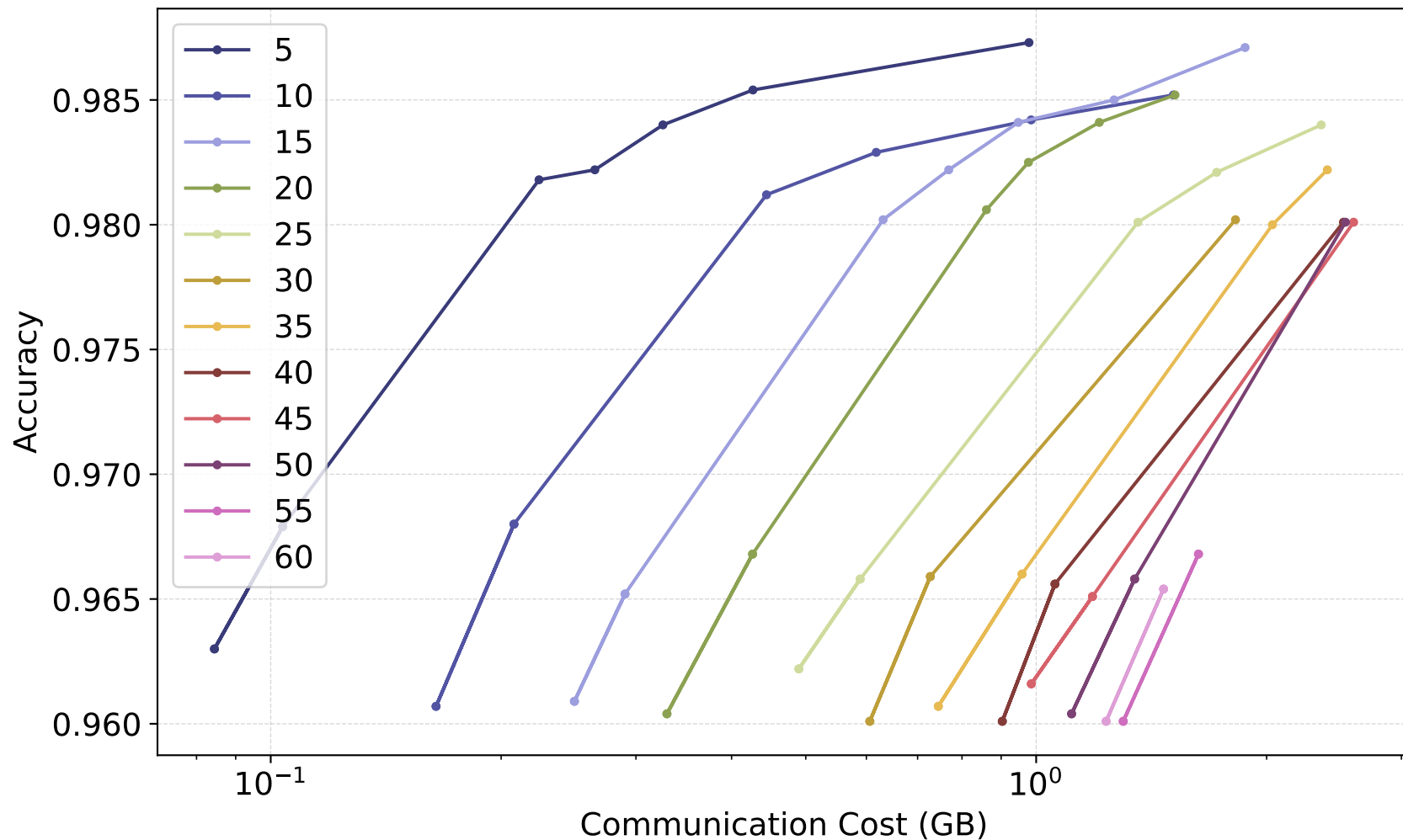
*Theta* : 2.0 , Batch Size: 32 , Bias: 0.6



*Theta* : 2.0 , Batch Size: 32 , Bias: 0.6

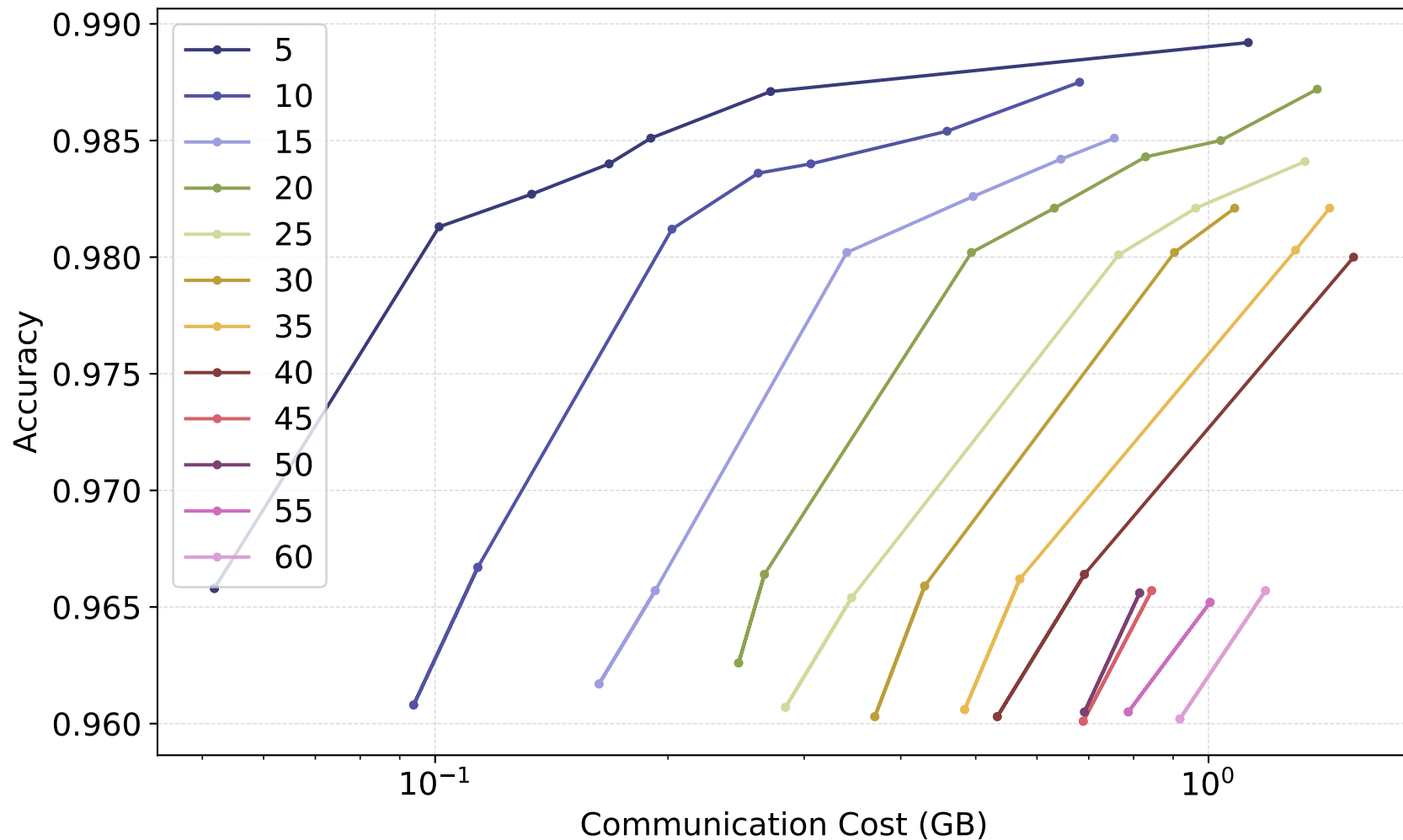


*Theta* : 2.0 , Batch Size: 32 , Bias: 0.6

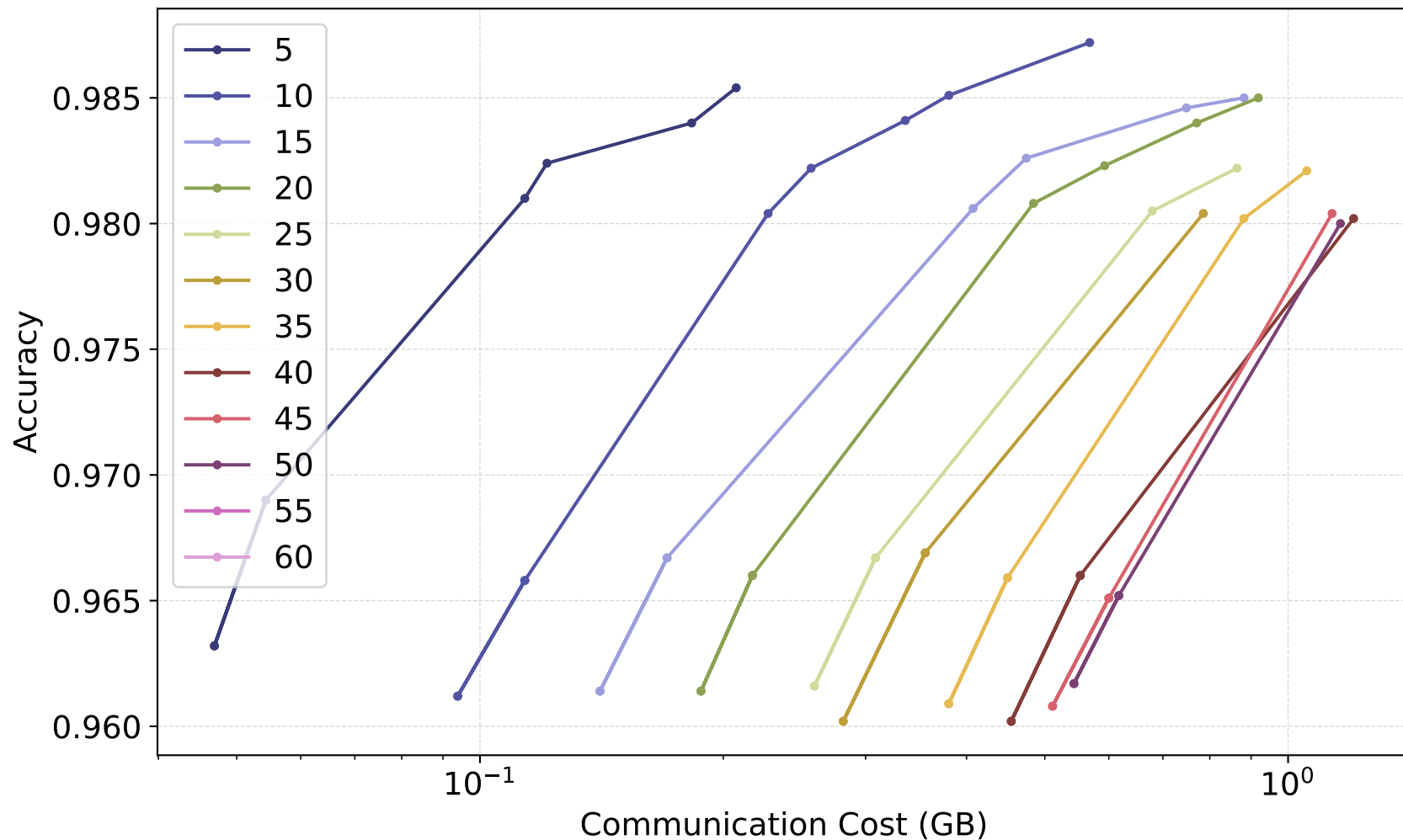


gm

*Theta* : 3.0 , Batch Size: 32 , Bias: 0.6

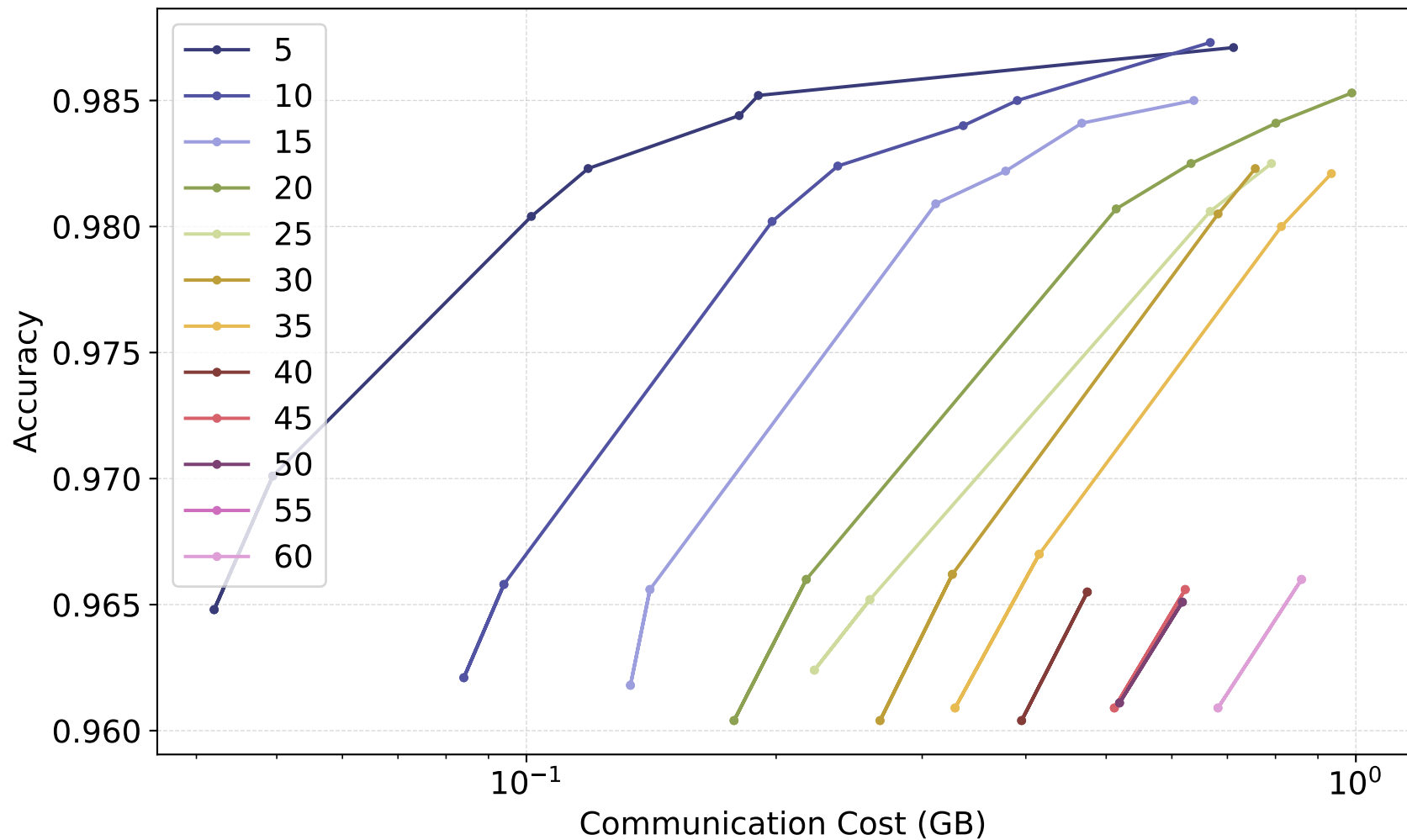


*Theta* : 3.0 , Batch Size: 32 , Bias: 0.6



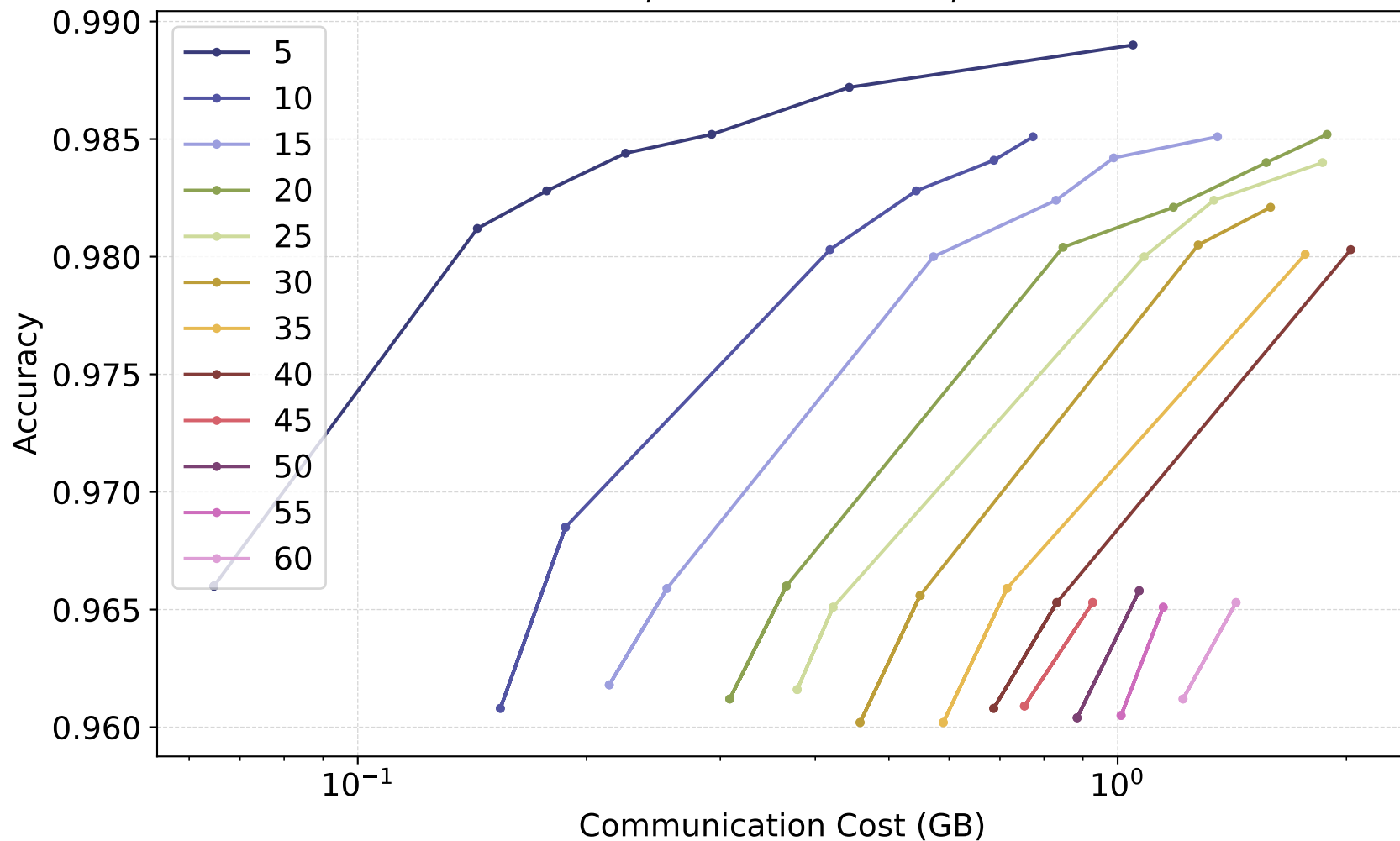
linear

*Theta* : 3.0 , Batch Size: 32 , Bias: 0.6



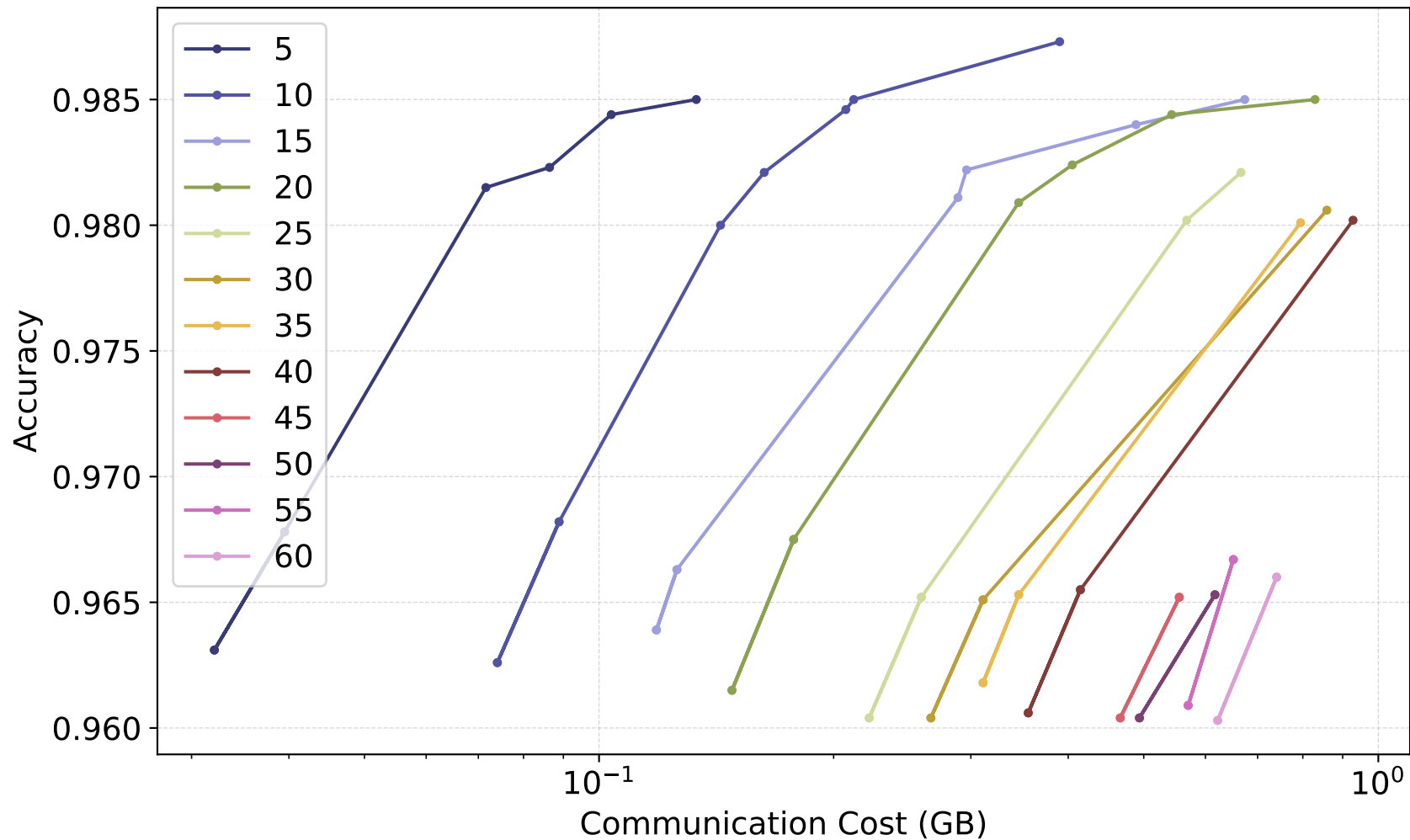
sketch

$\Theta$  : 3.0 , Batch Size: 32 , Bias: 0.6



gm

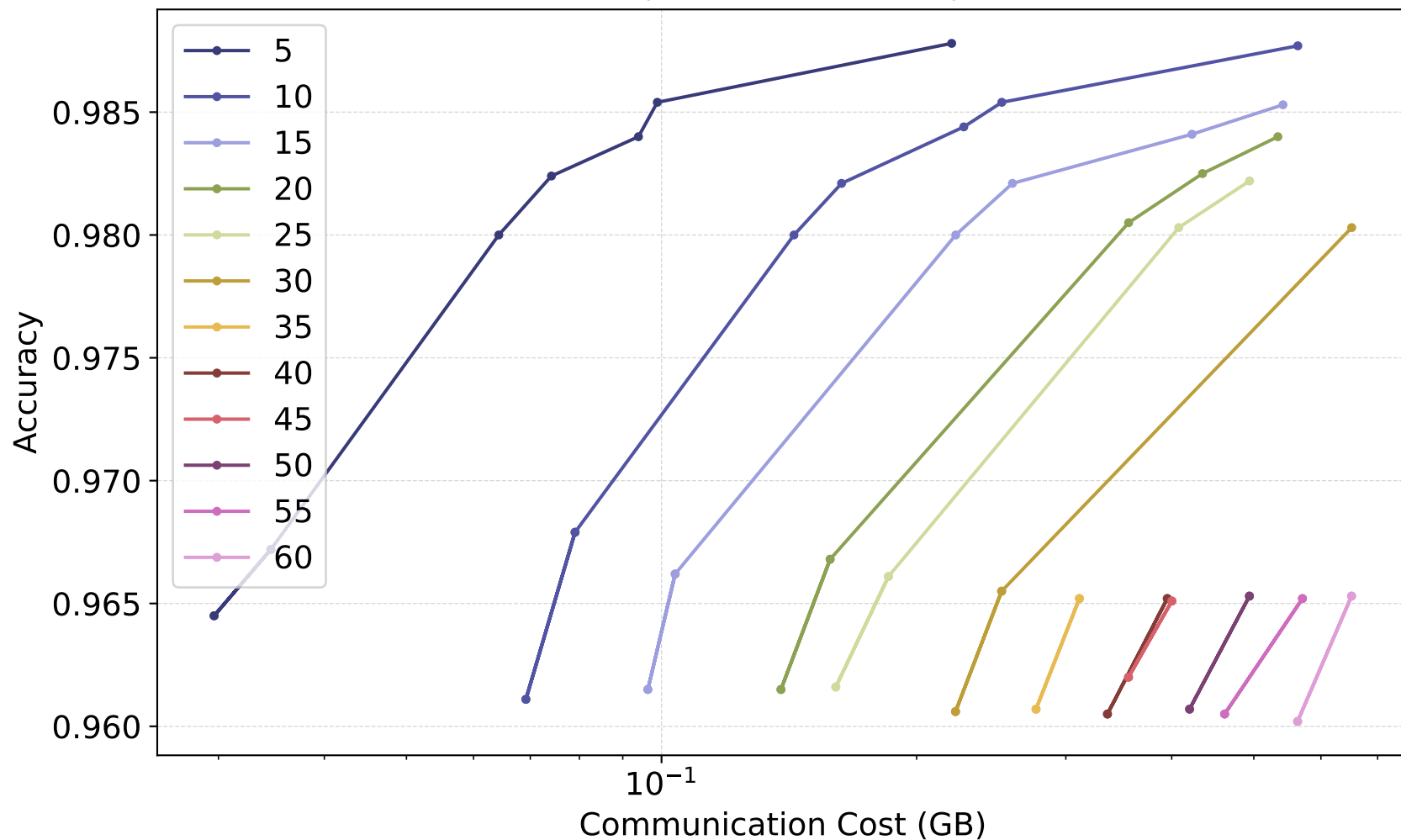
*Theta* : 5.0 , Batch Size: 32 , Bias: 0.6





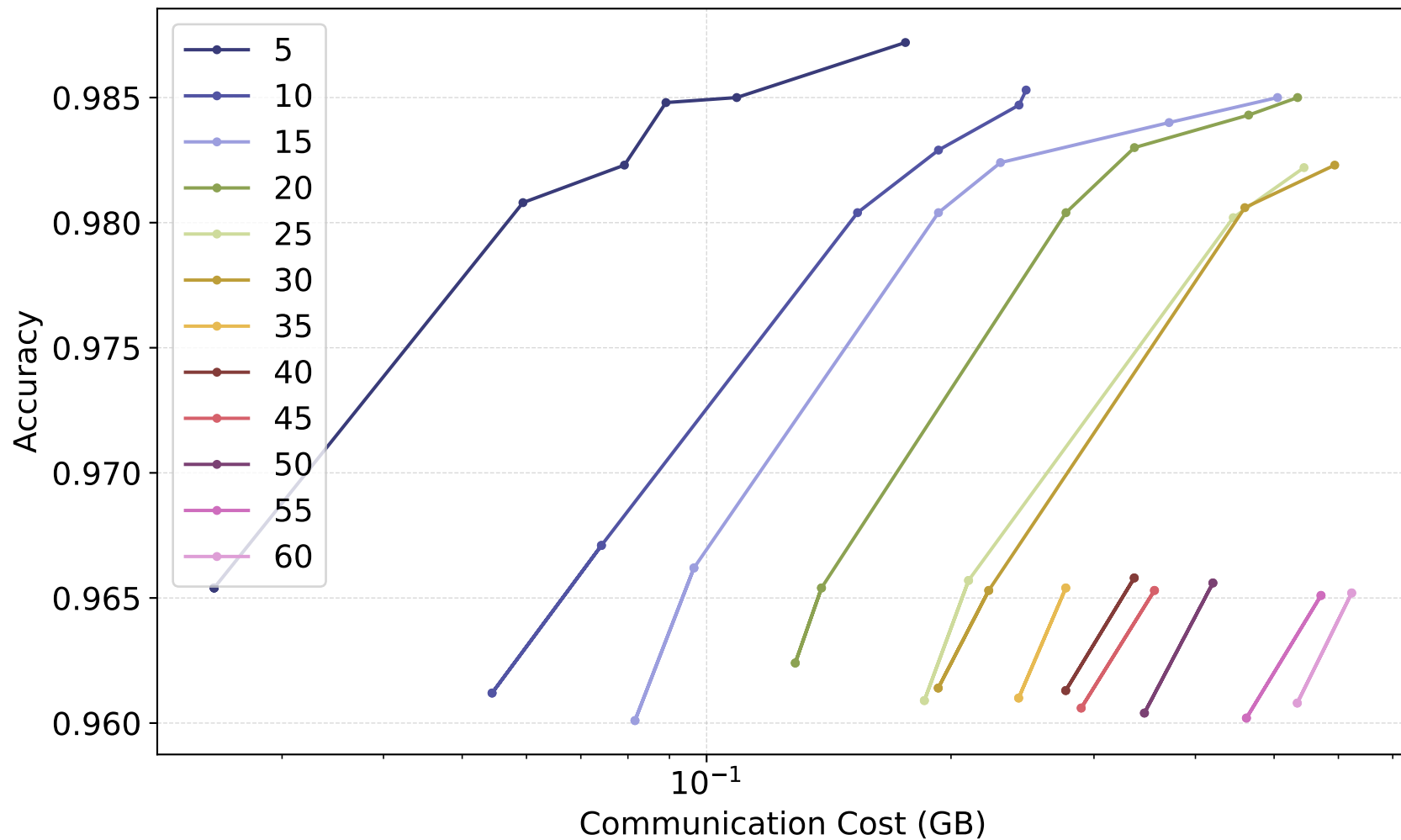
naive

*Theta* : 5.0 , Batch Size: 32 , Bias: 0.6



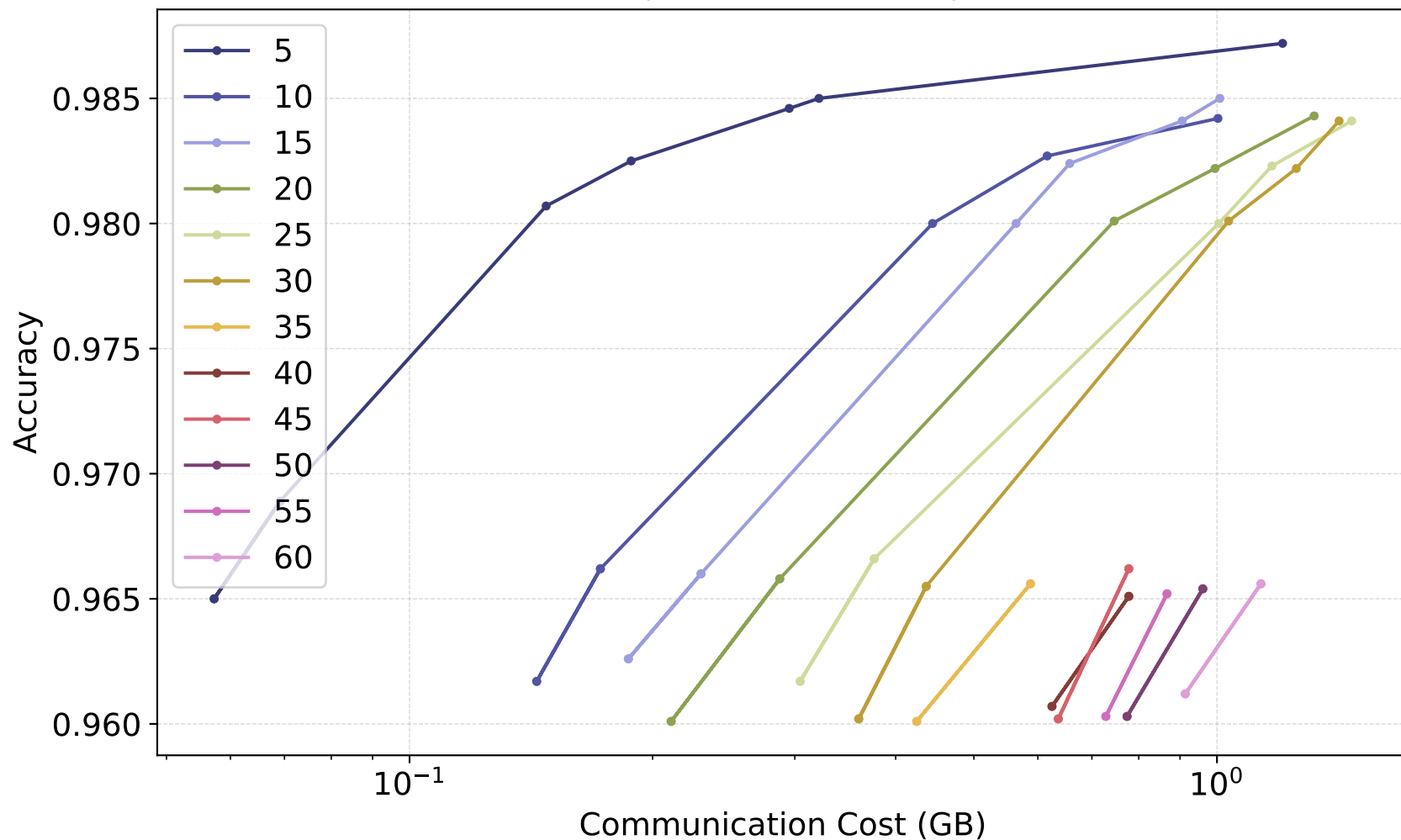
linear

$\Theta$  : 5.0 , Batch Size: 32 , Bias: 0.6



sketch

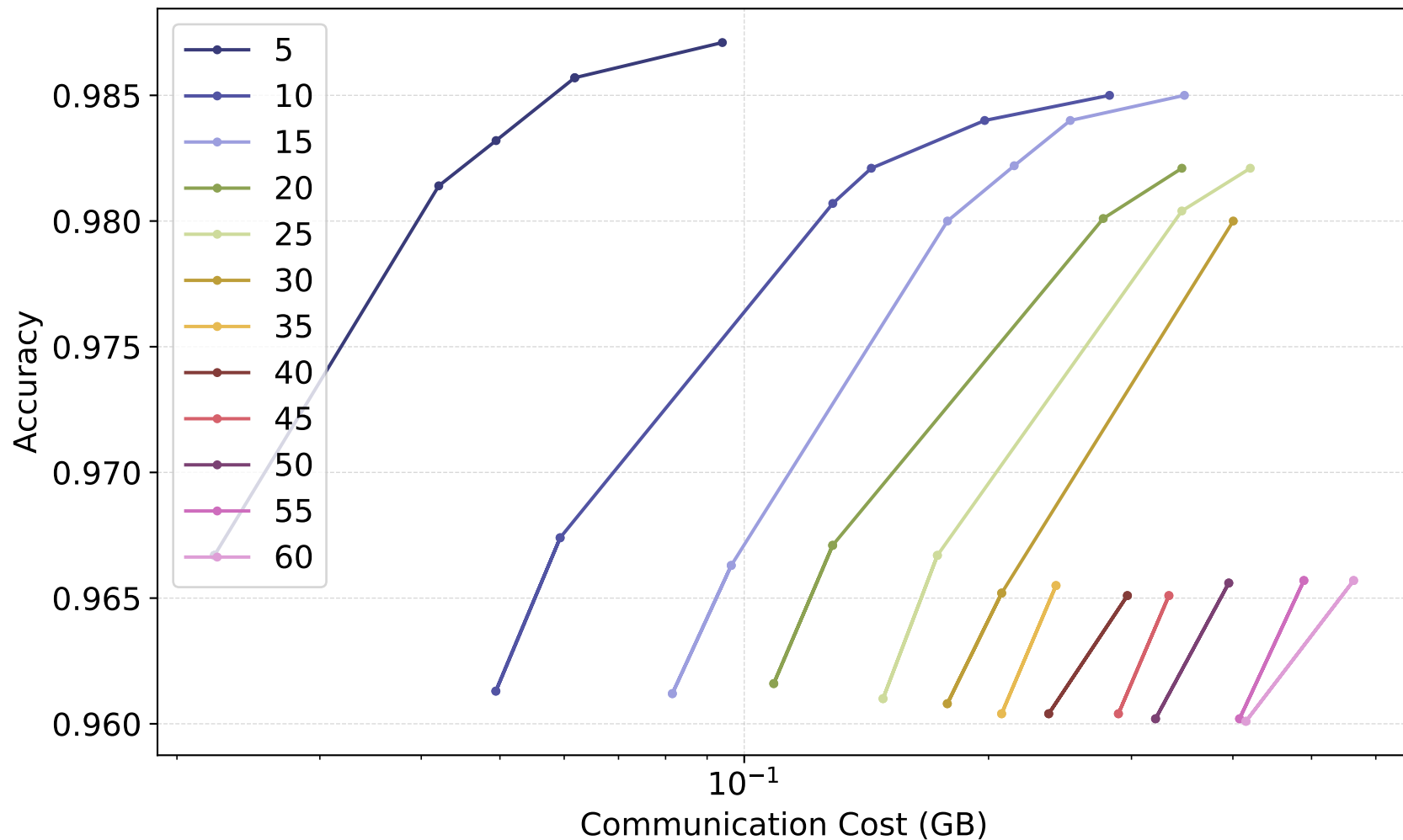
$\Theta$  : 5.0 , Batch Size: 32 , Bias: 0.6





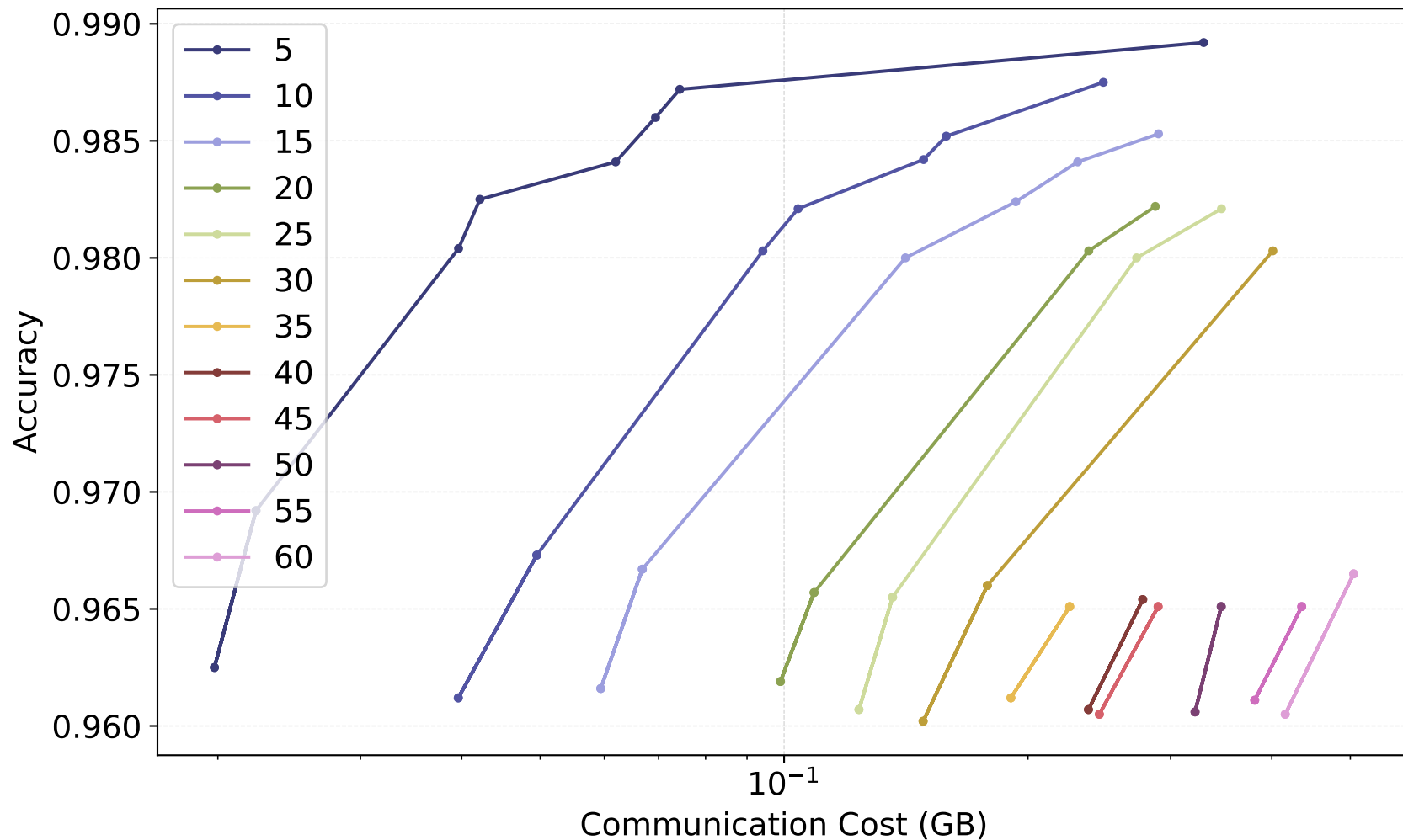
naive

*Theta* : 7.0 , Batch Size: 32 , Bias: 0.6



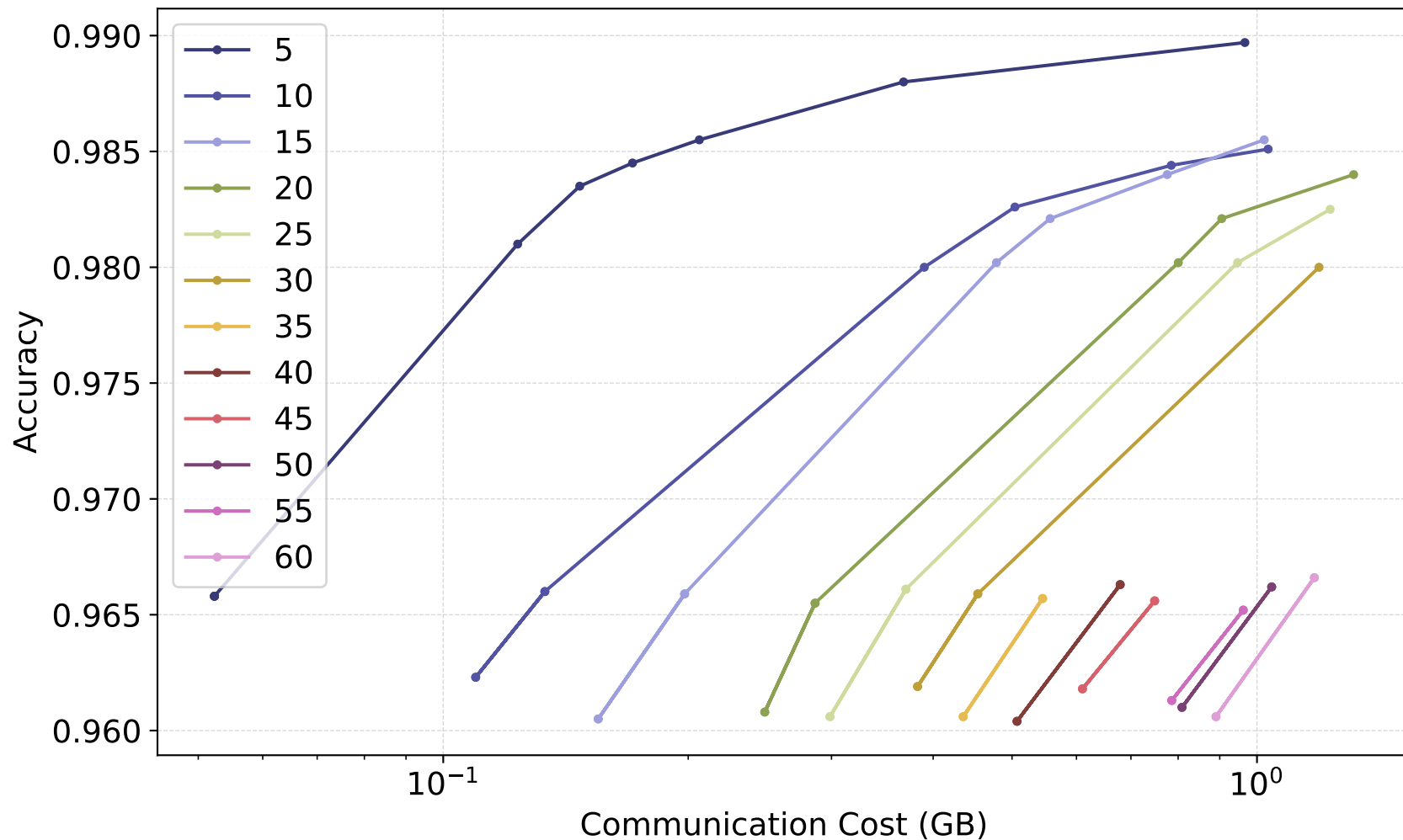
linear

*Theta* : 7.0 , Batch Size: 32 , Bias: 0.6

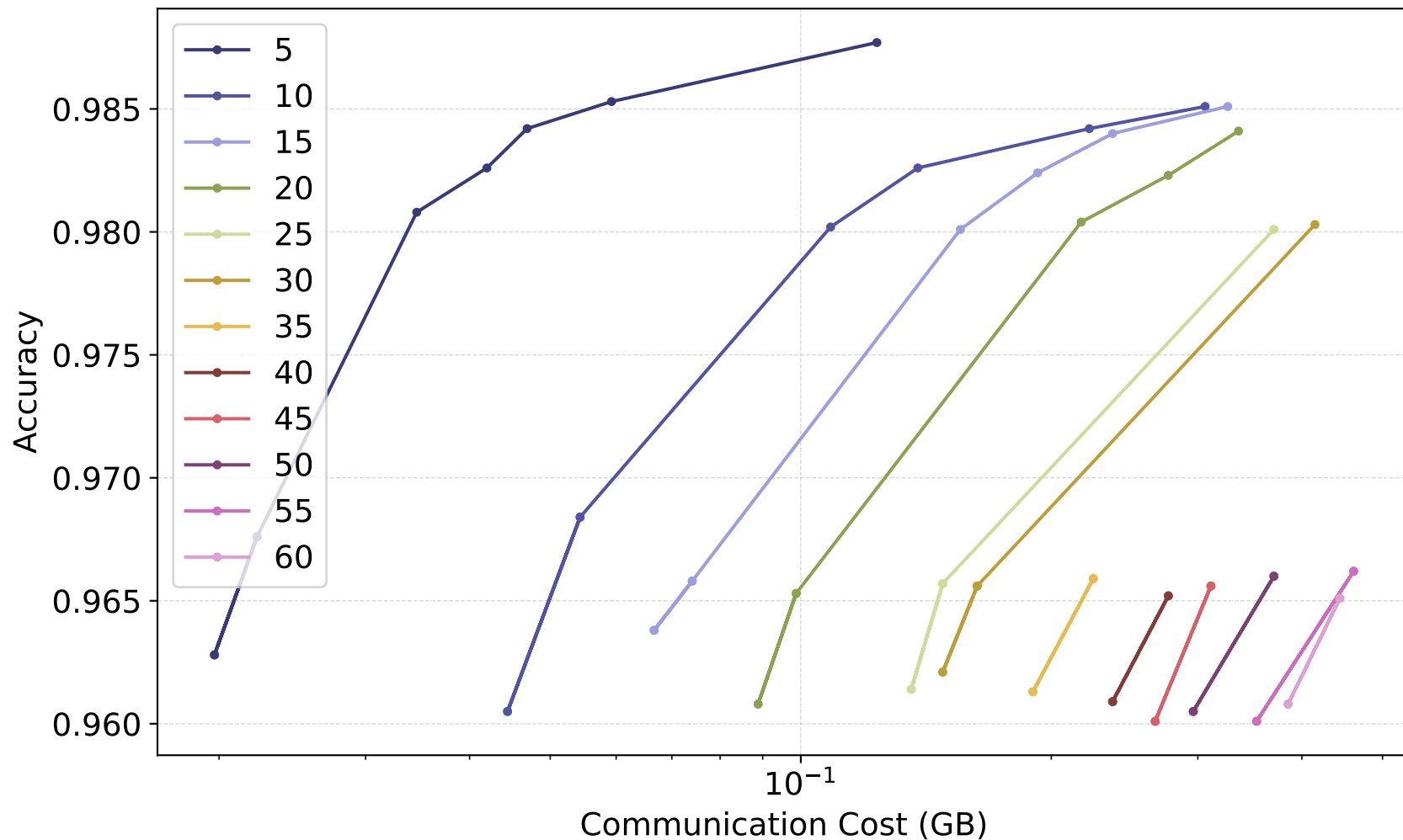


sketch

*Theta* : 7.0 , Batch Size: 32 , Bias: 0.6

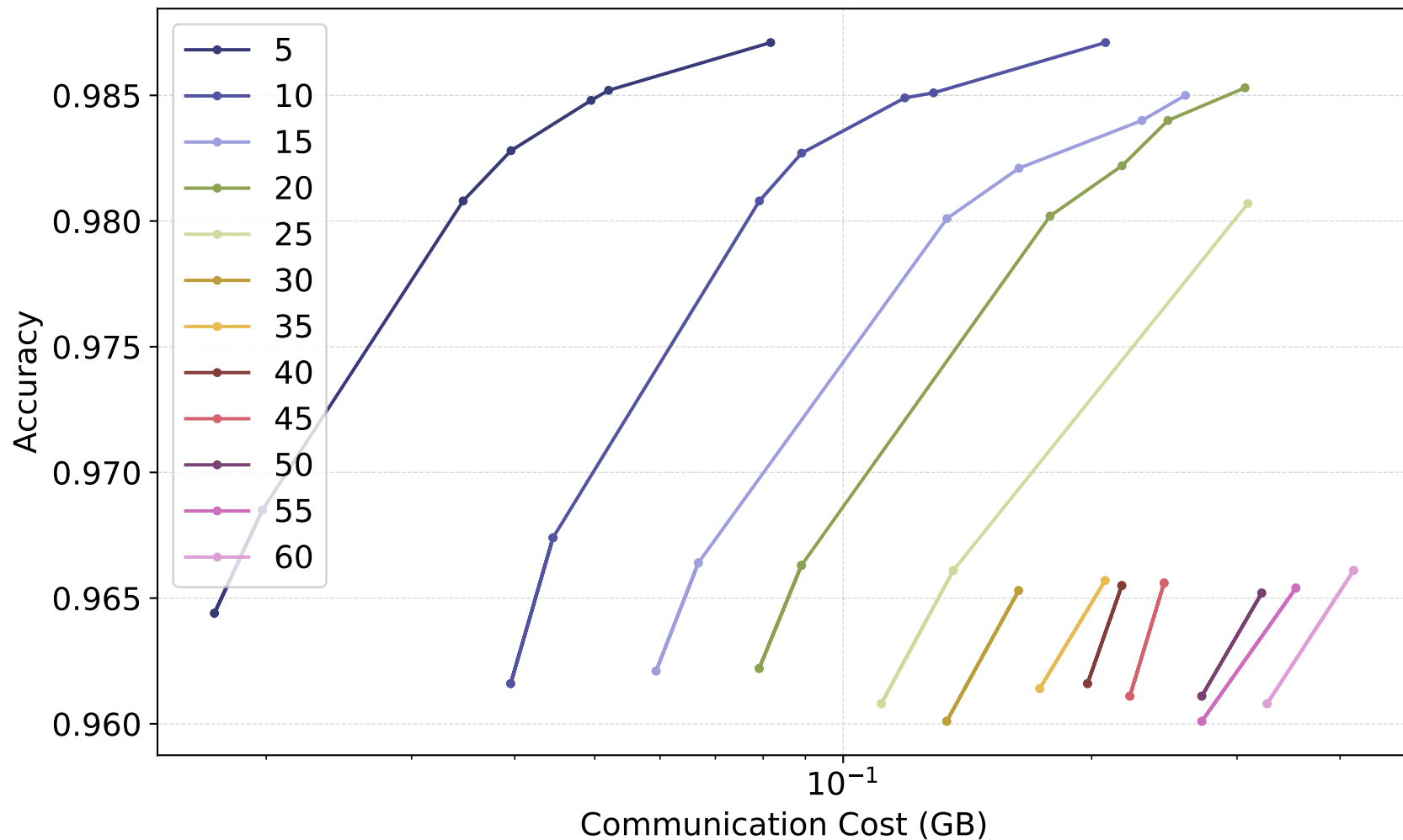


*Theta* : 10.0 , Batch Size: 32 , Bias: 0.6

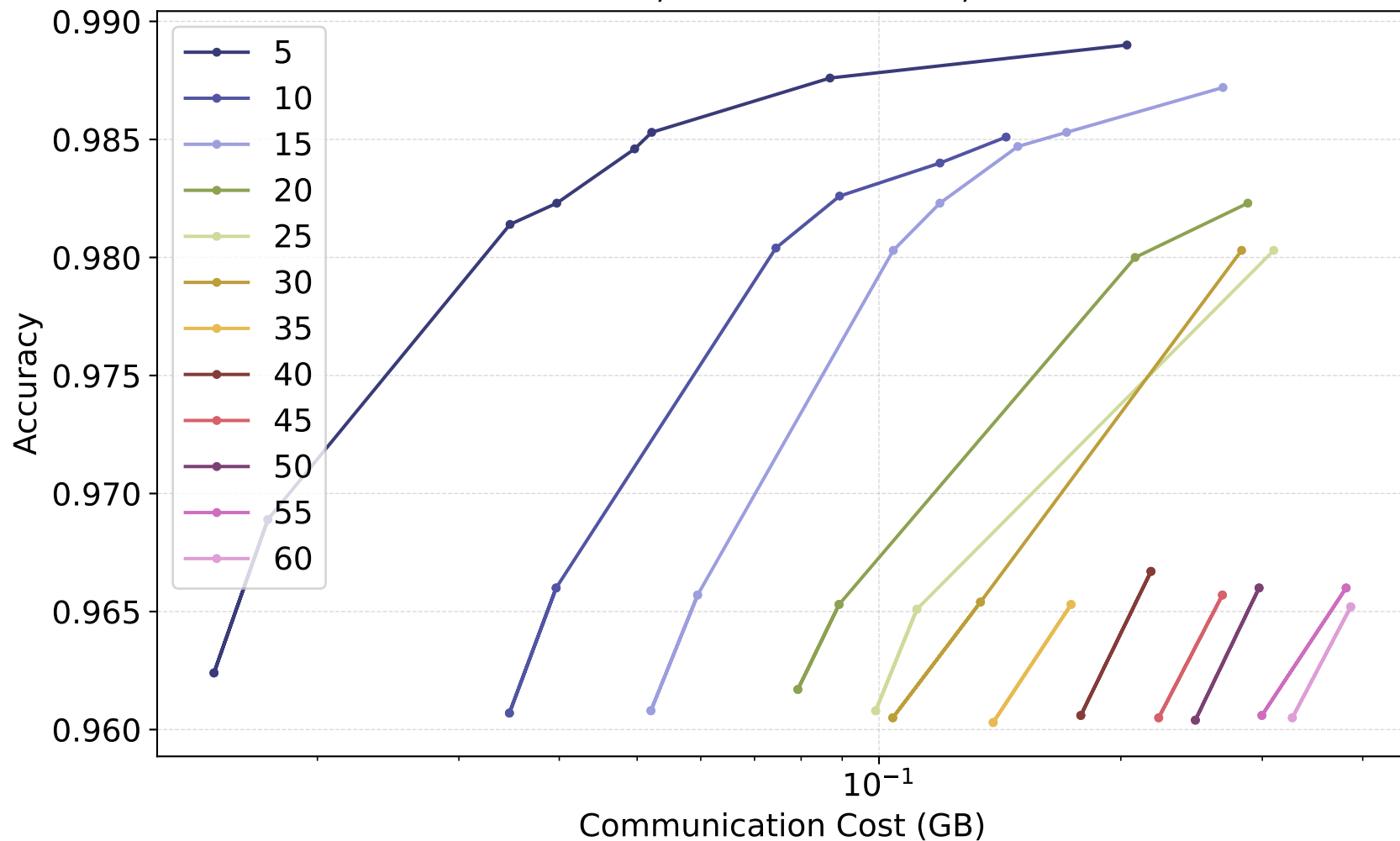




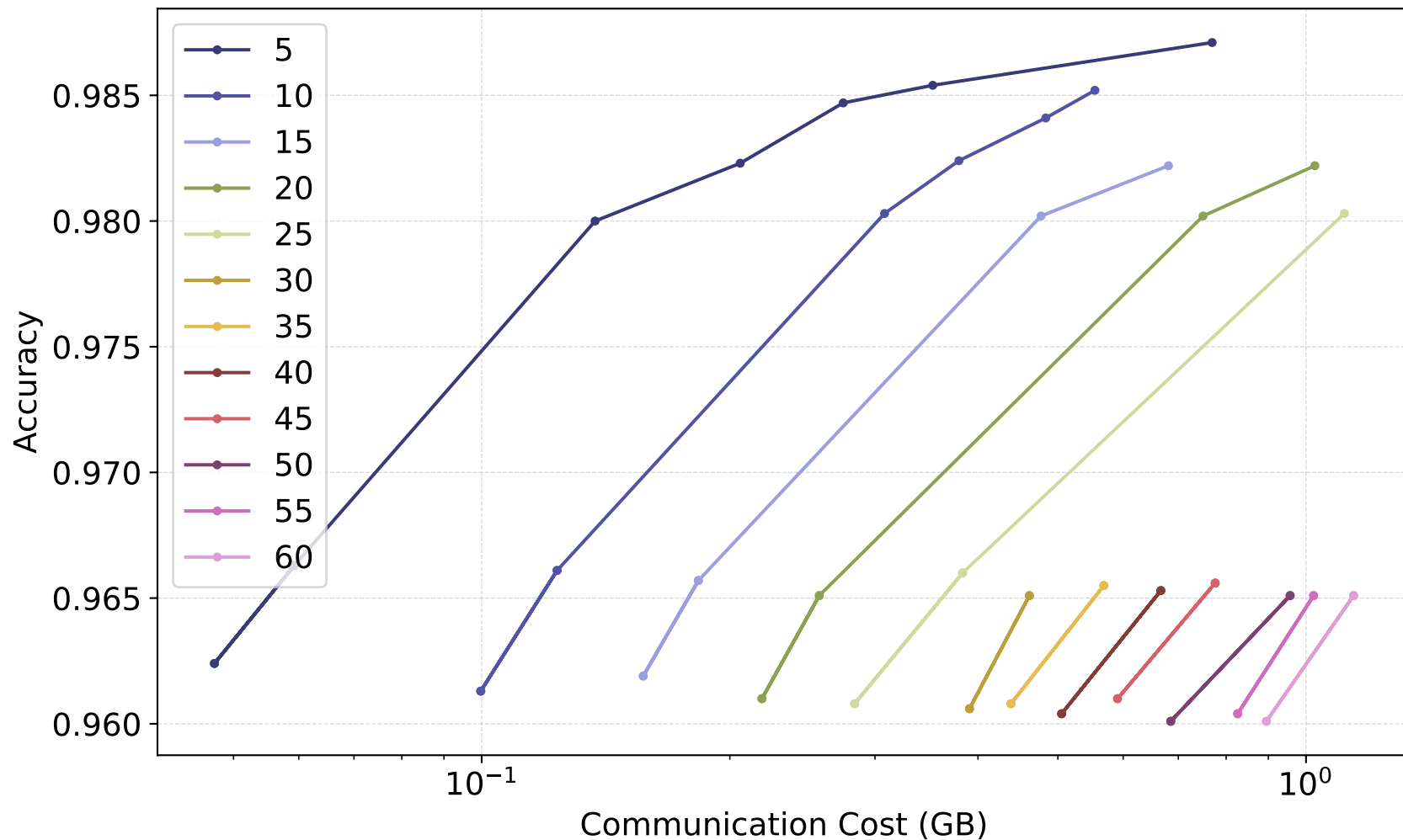
*Theta* : 10.0 , Batch Size: 32 , Bias: 0.6



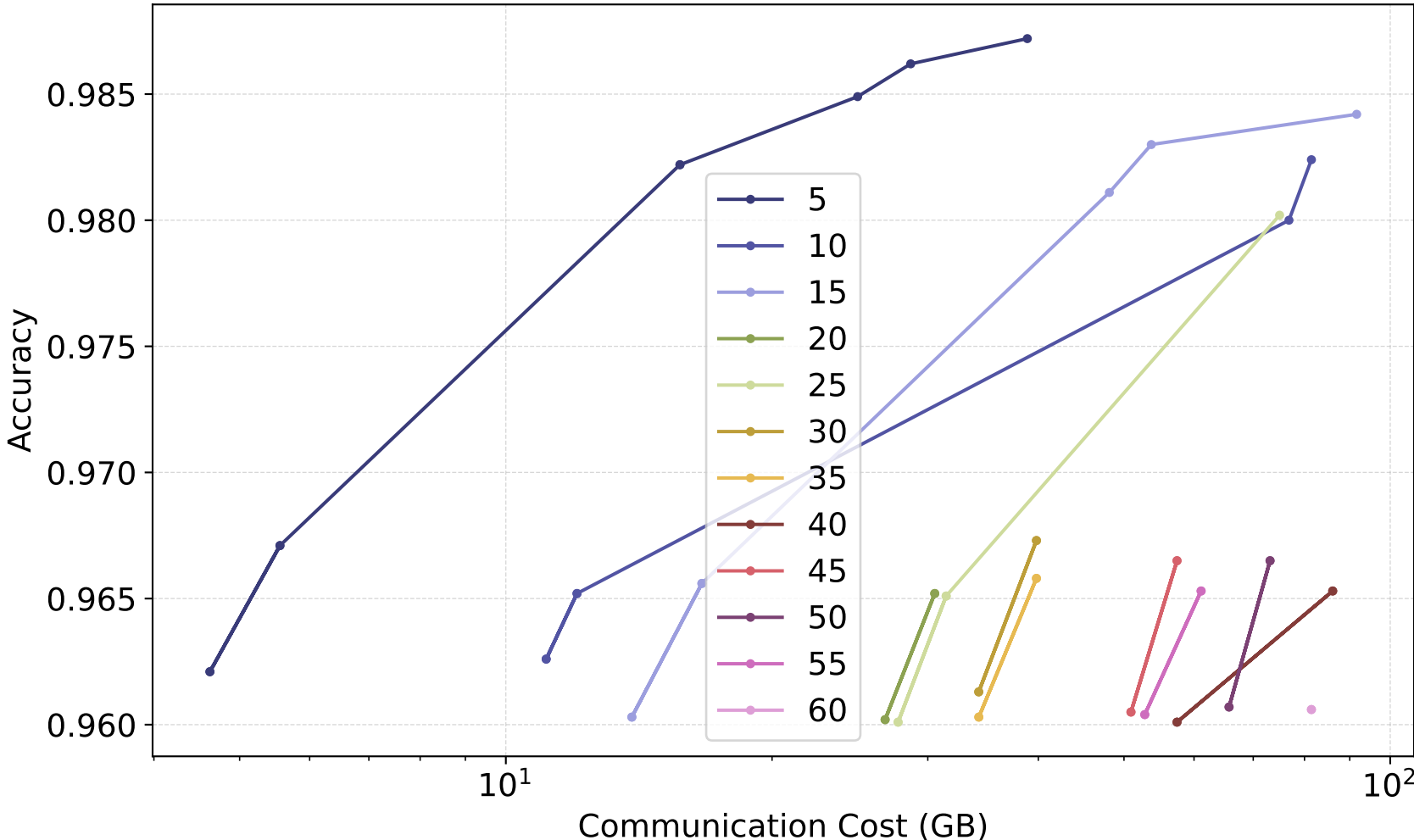
*Theta* : 10.0 , Batch Size: 32 , Bias: 0.6



*Theta* : 10.0 , Batch Size: 32 , Bias: 0.6

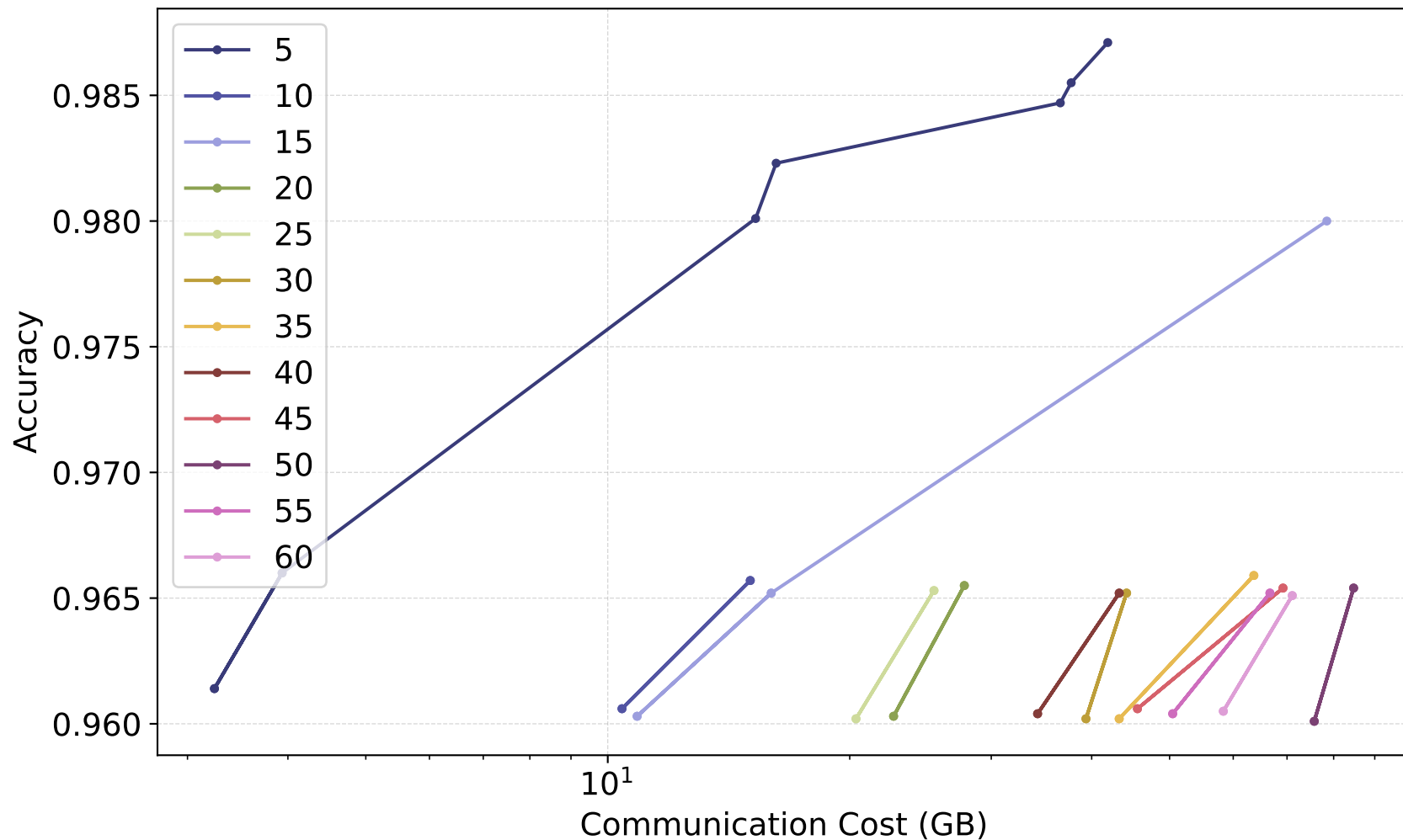


synchronous  
Batch Size : 32 , Bias: 0.9

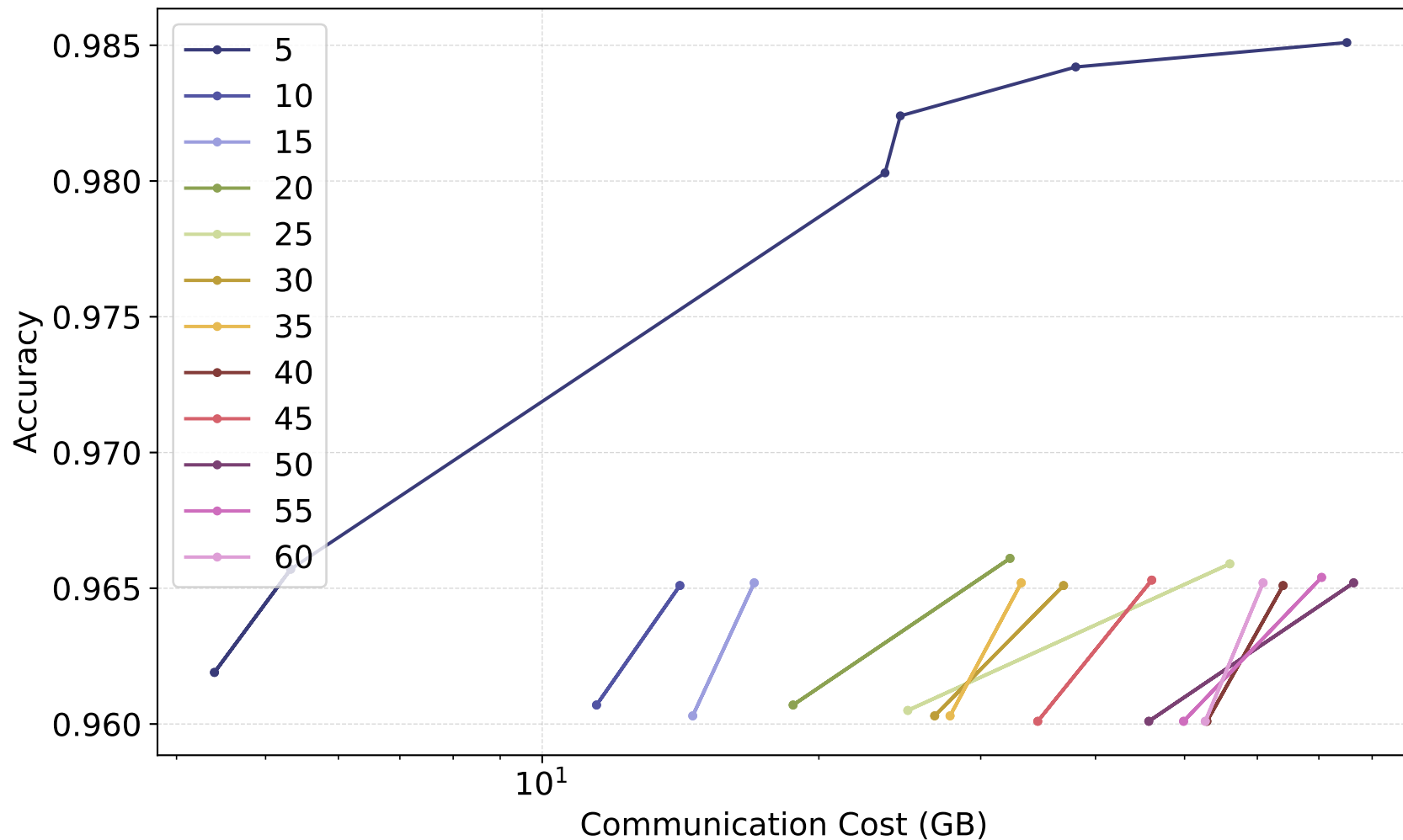




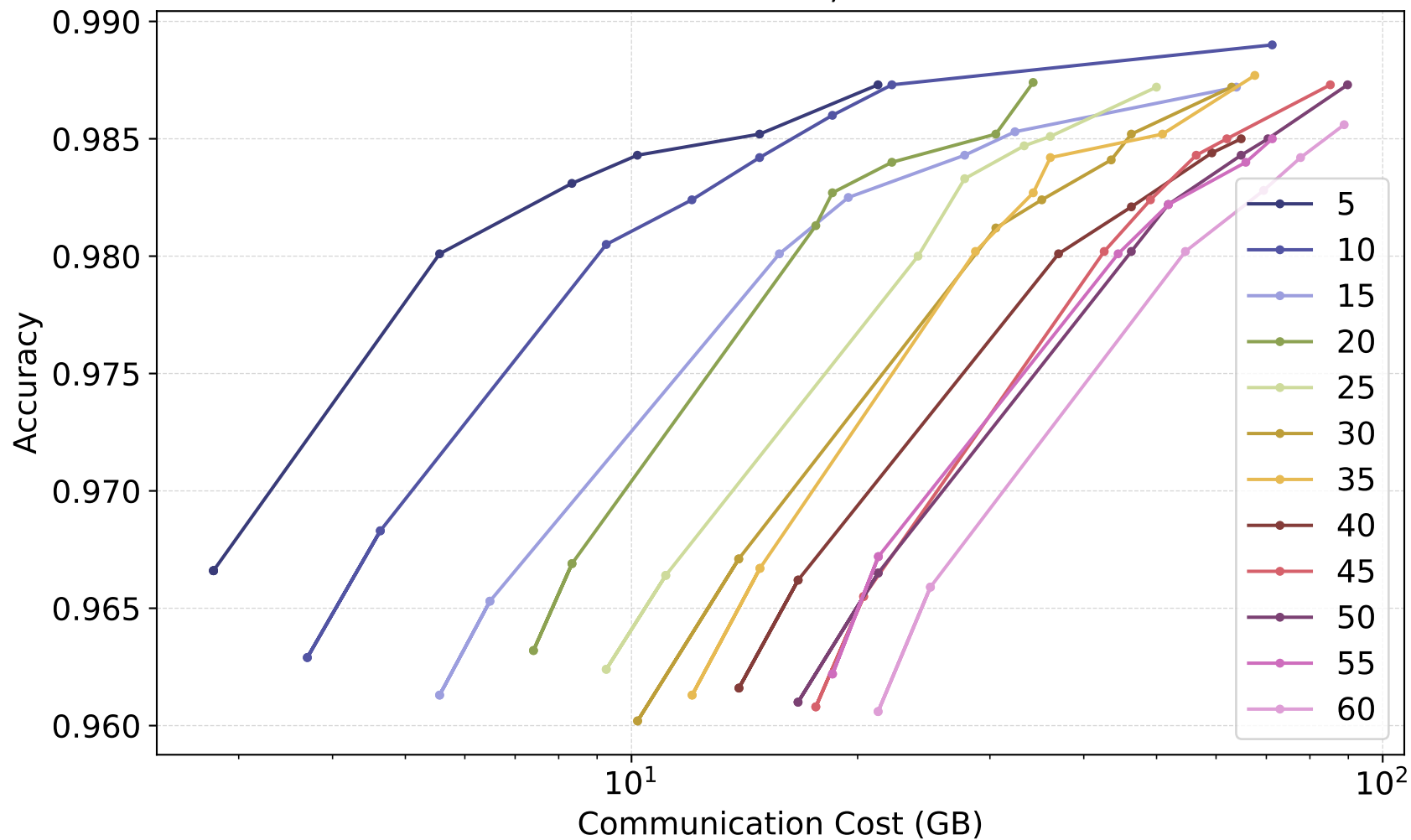
synchronous  
Batch Size : 128 , Bias: 0.9



synchronous  
Batch Size : 256 , Bias: 0.9



synchronous  
Batch Size : 32 , Bias: nan

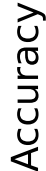




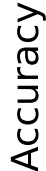
Batch Size : 64 , Bias: nan



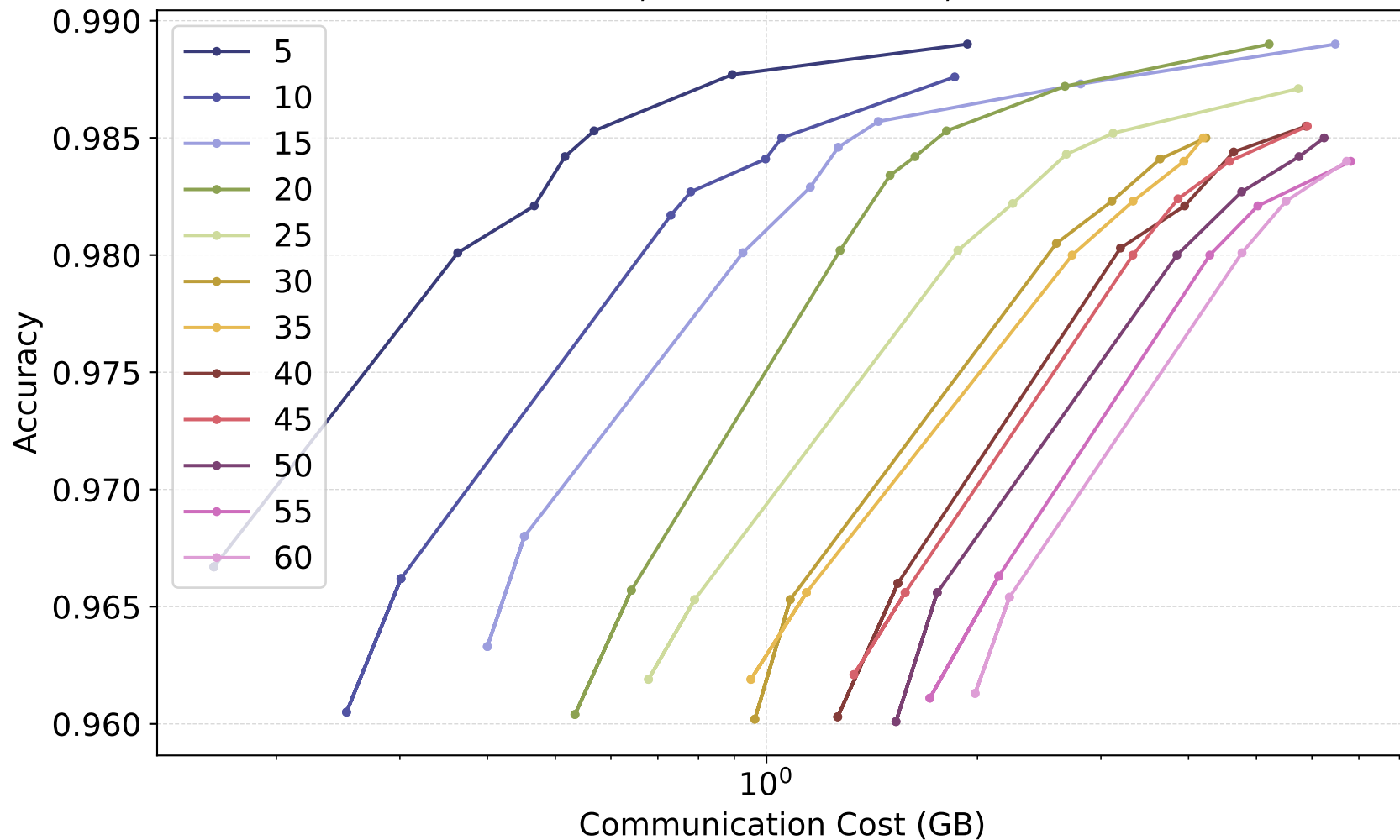
Batch Size : 128 , Bias: nan



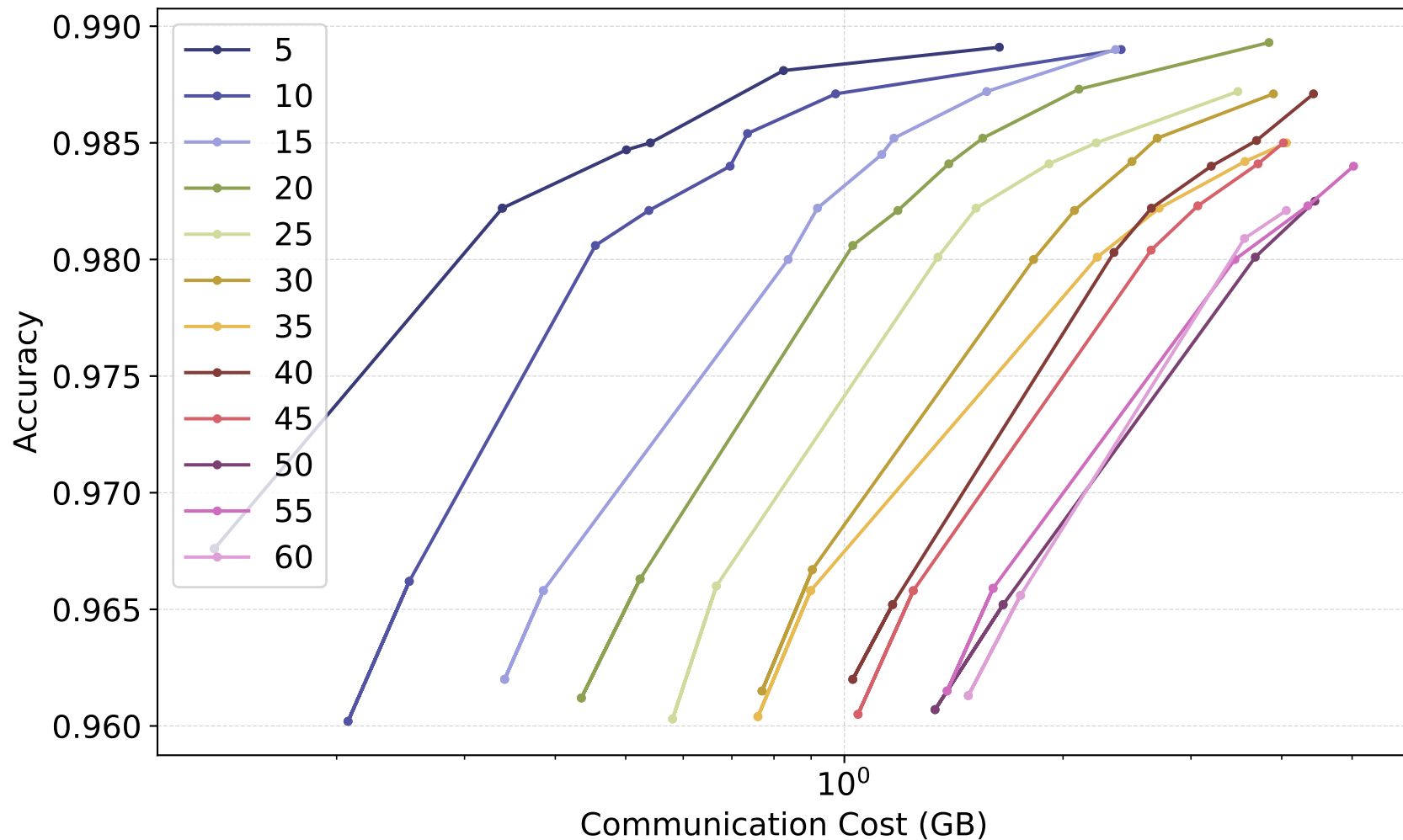
Batch Size : 256 , Bias: nan



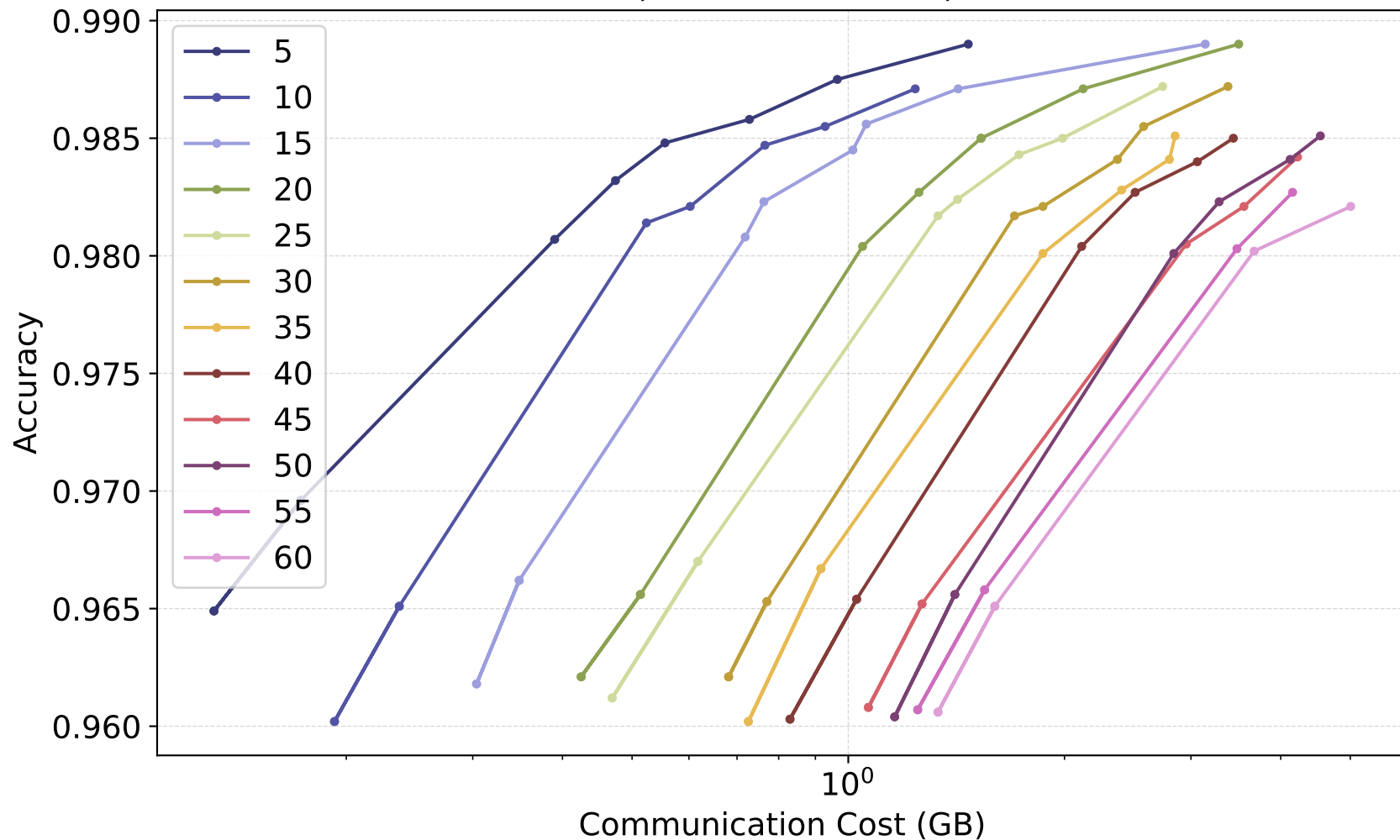
*Theta* : 0.5 , Batch Size: 32 , Bias: nan



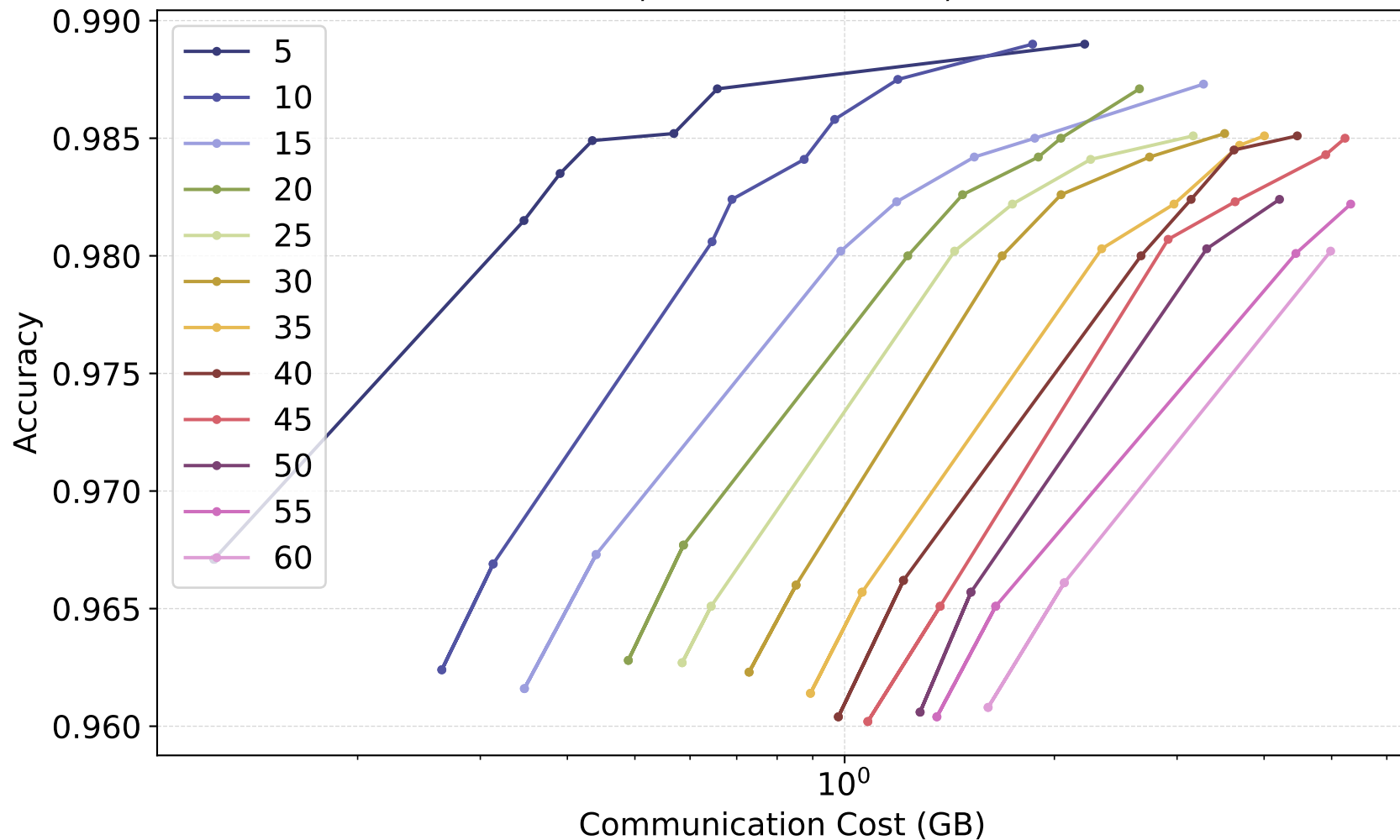
*Theta* : 0.5 , Batch Size: 32 , Bias: nan



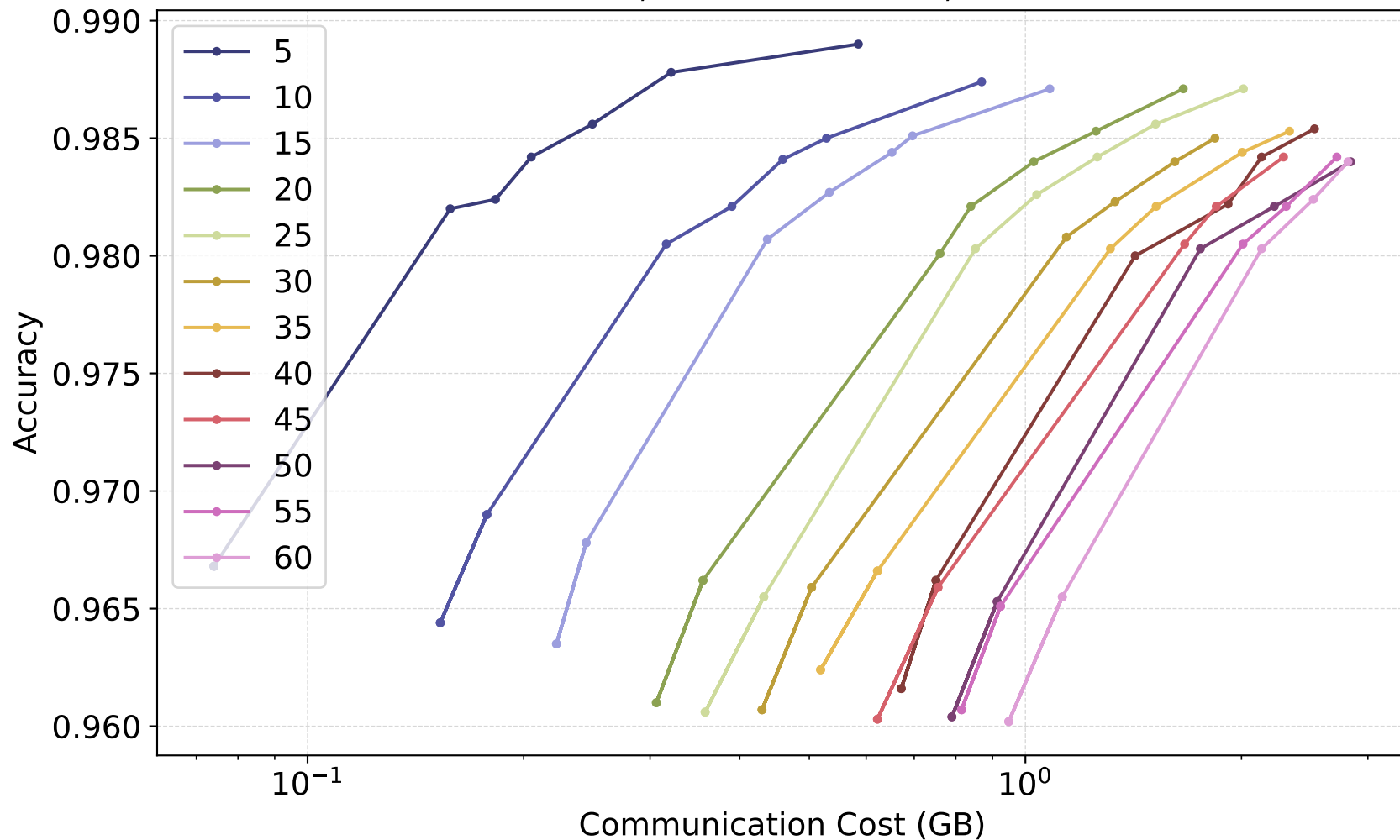
*Theta* : 0.5 , Batch Size: 32 , Bias: nan



*Theta* : 0.5 , Batch Size: 32 , Bias: nan

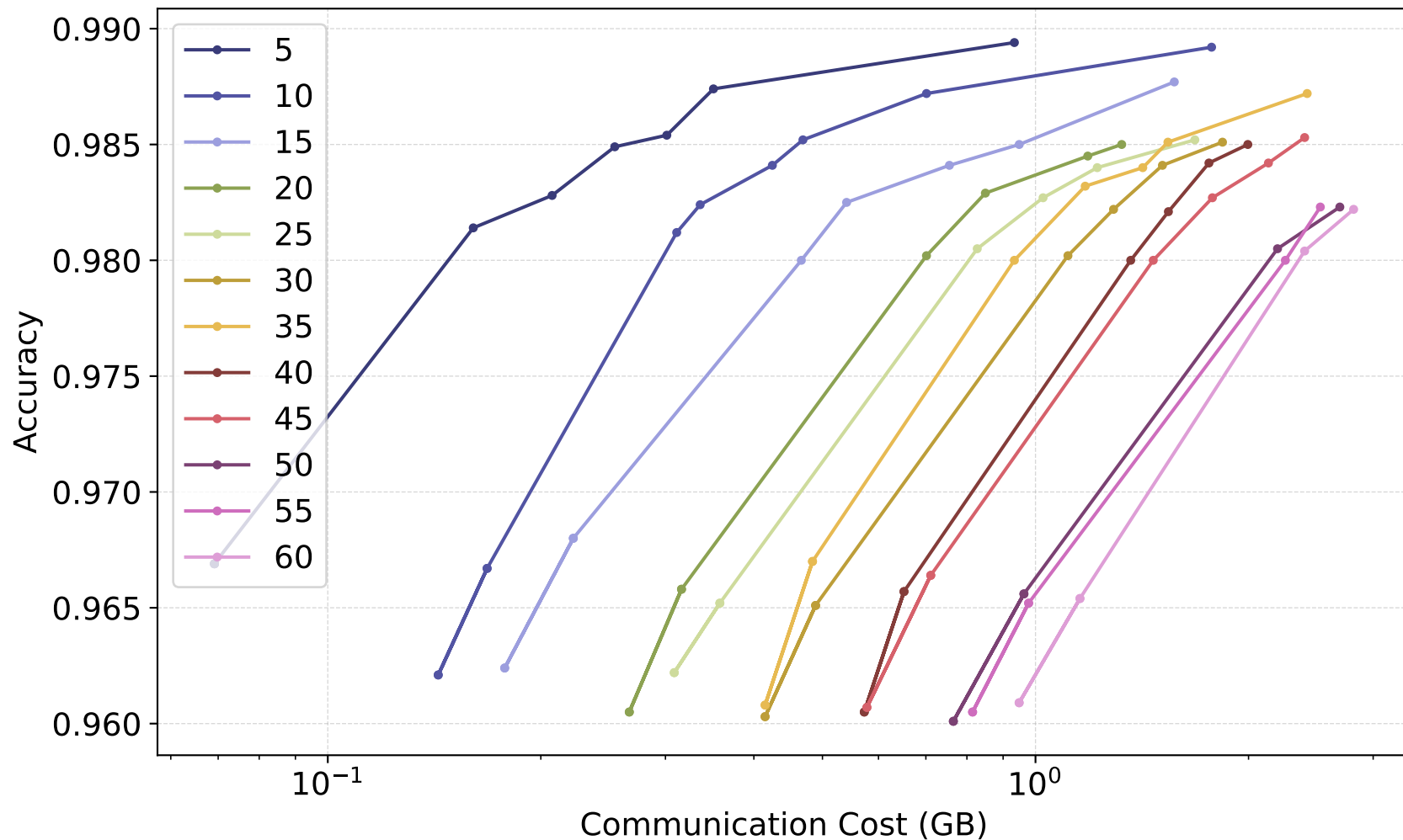


*Theta* : 1.0 , Batch Size: 32 , Bias: nan



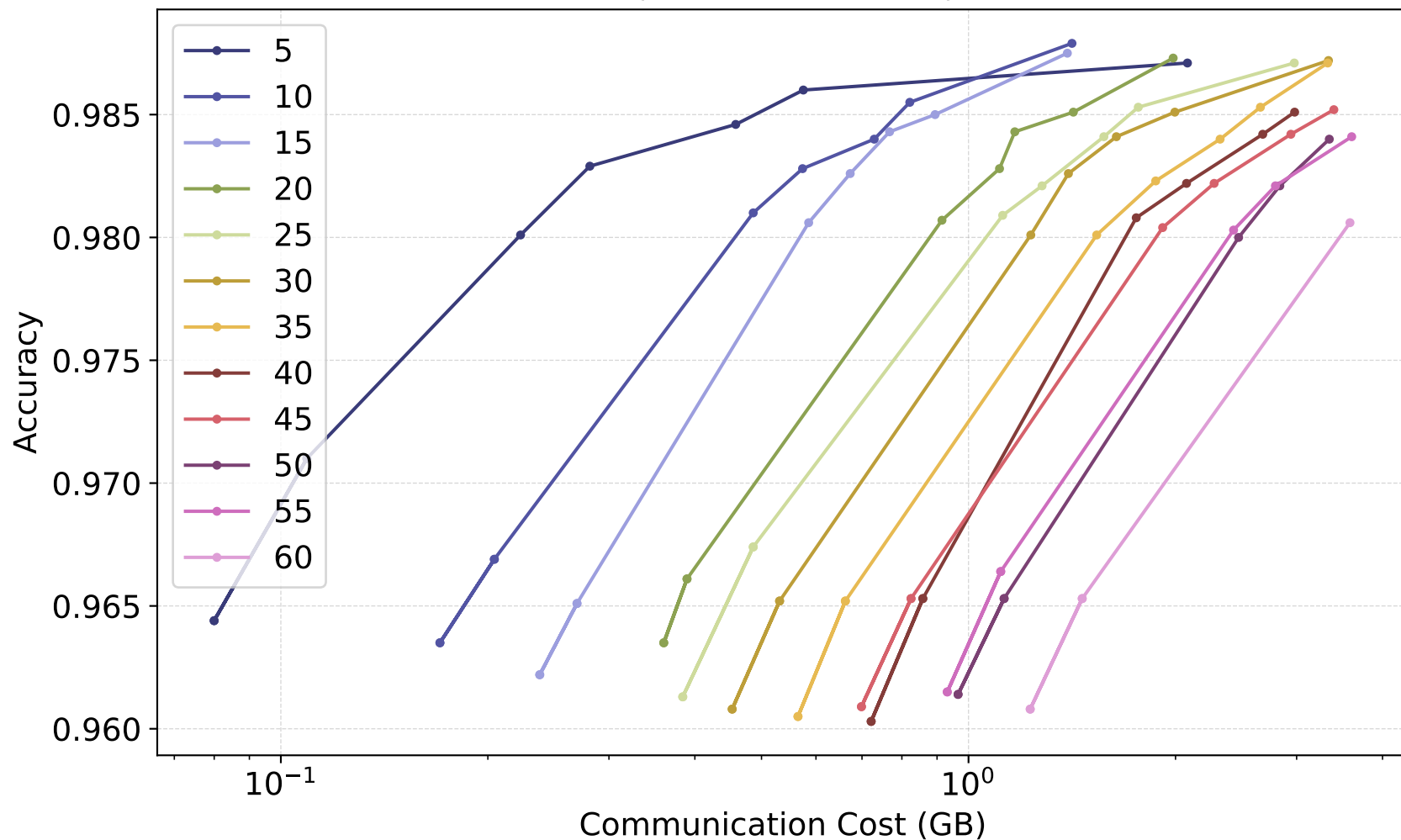


*Theta* : 1.0 , Batch Size: 32 , Bias: nan



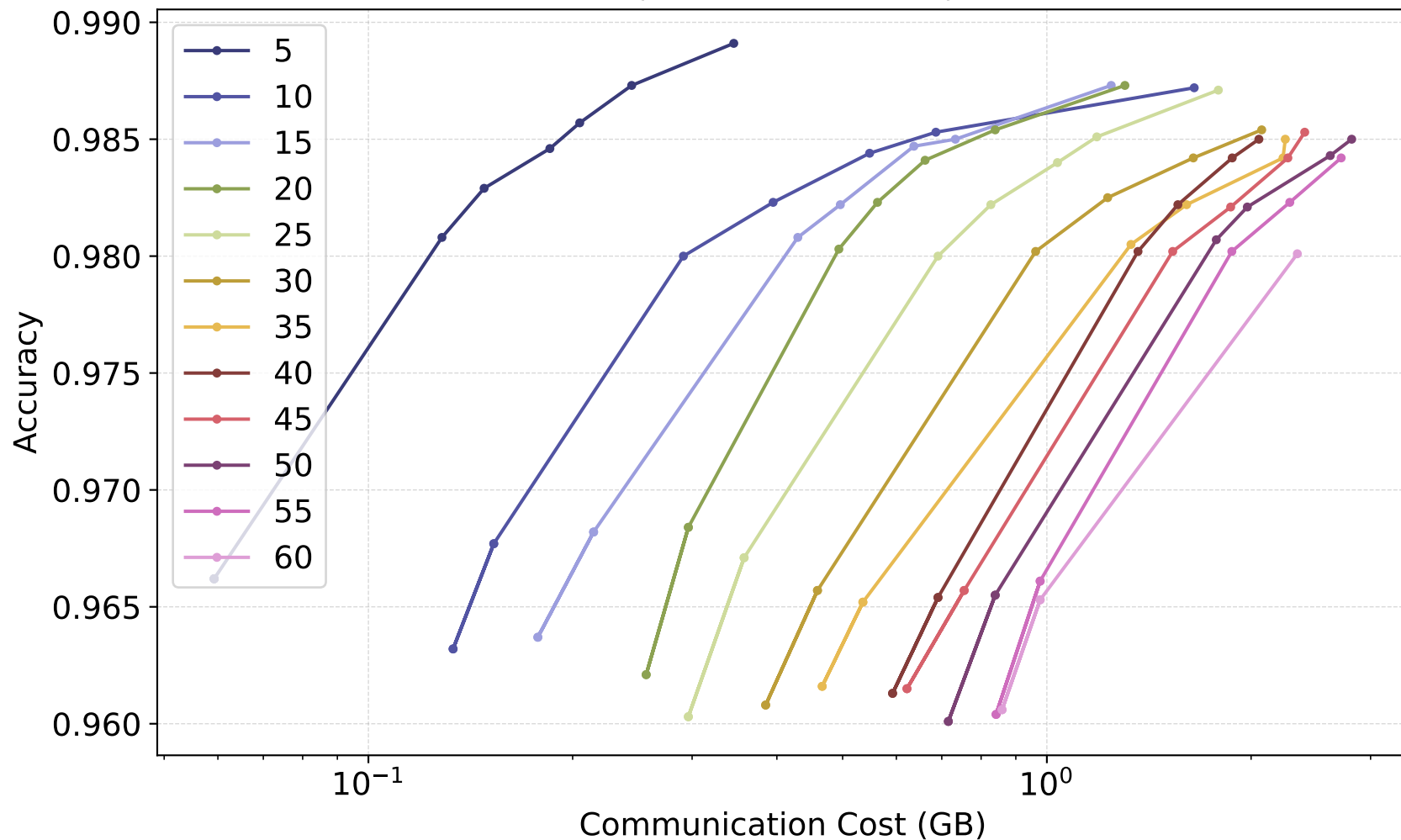
sketch

$\Theta$  : 1.0 , Batch Size: 32 , Bias: nan

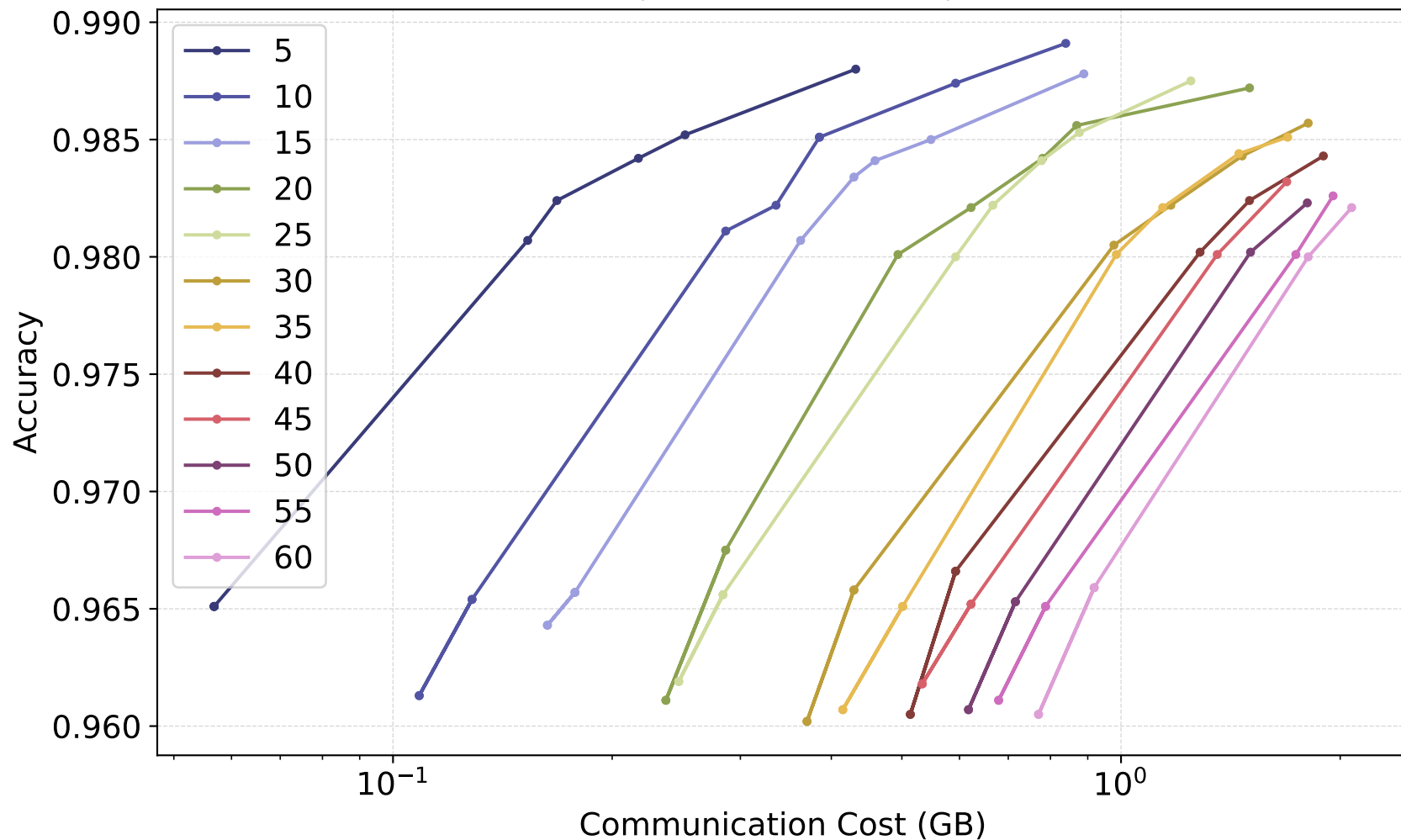


gm

*Theta* : 1.5 , Batch Size: 32 , Bias: nan

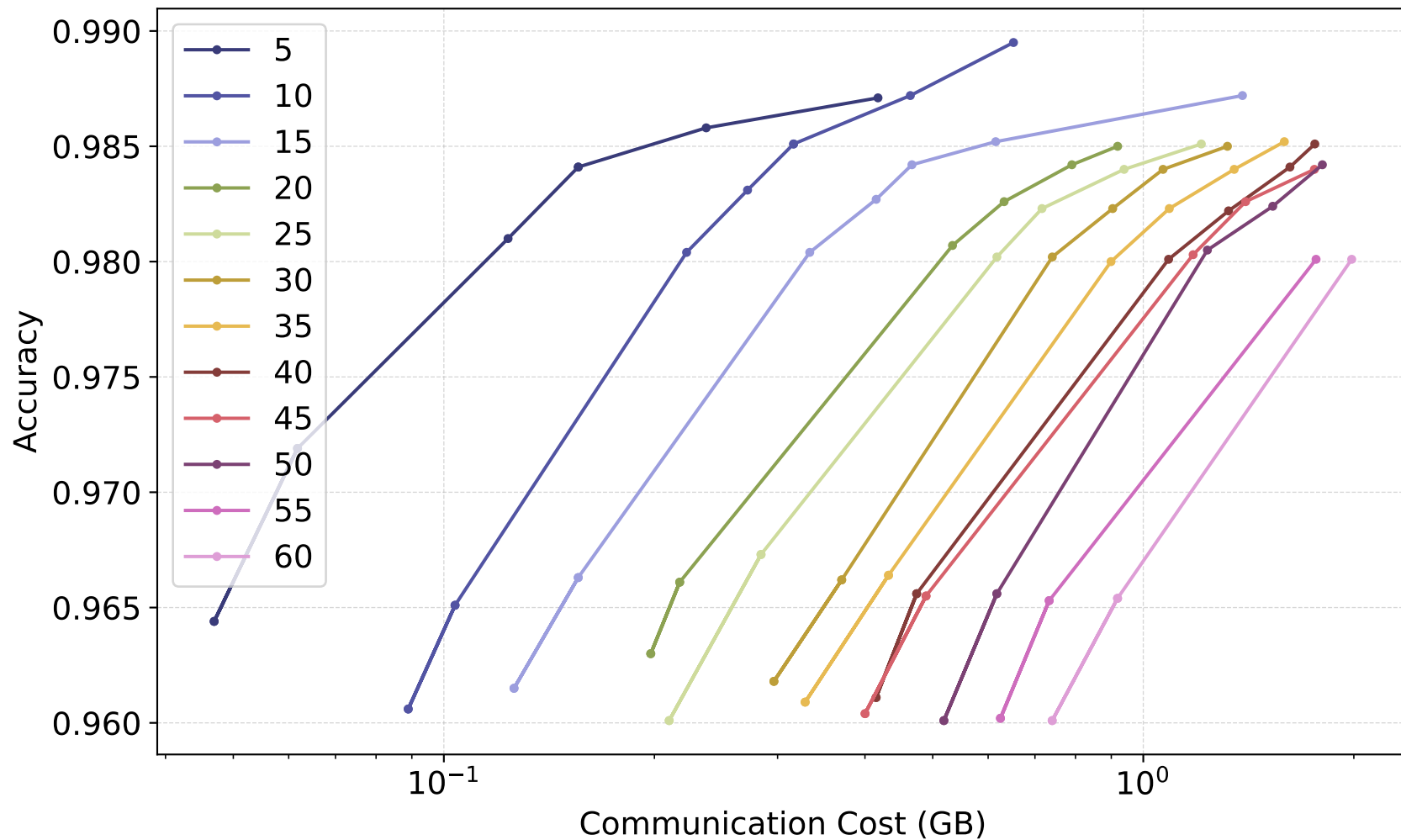


*Theta* : 1.5 , Batch Size: 32 , Bias: nan



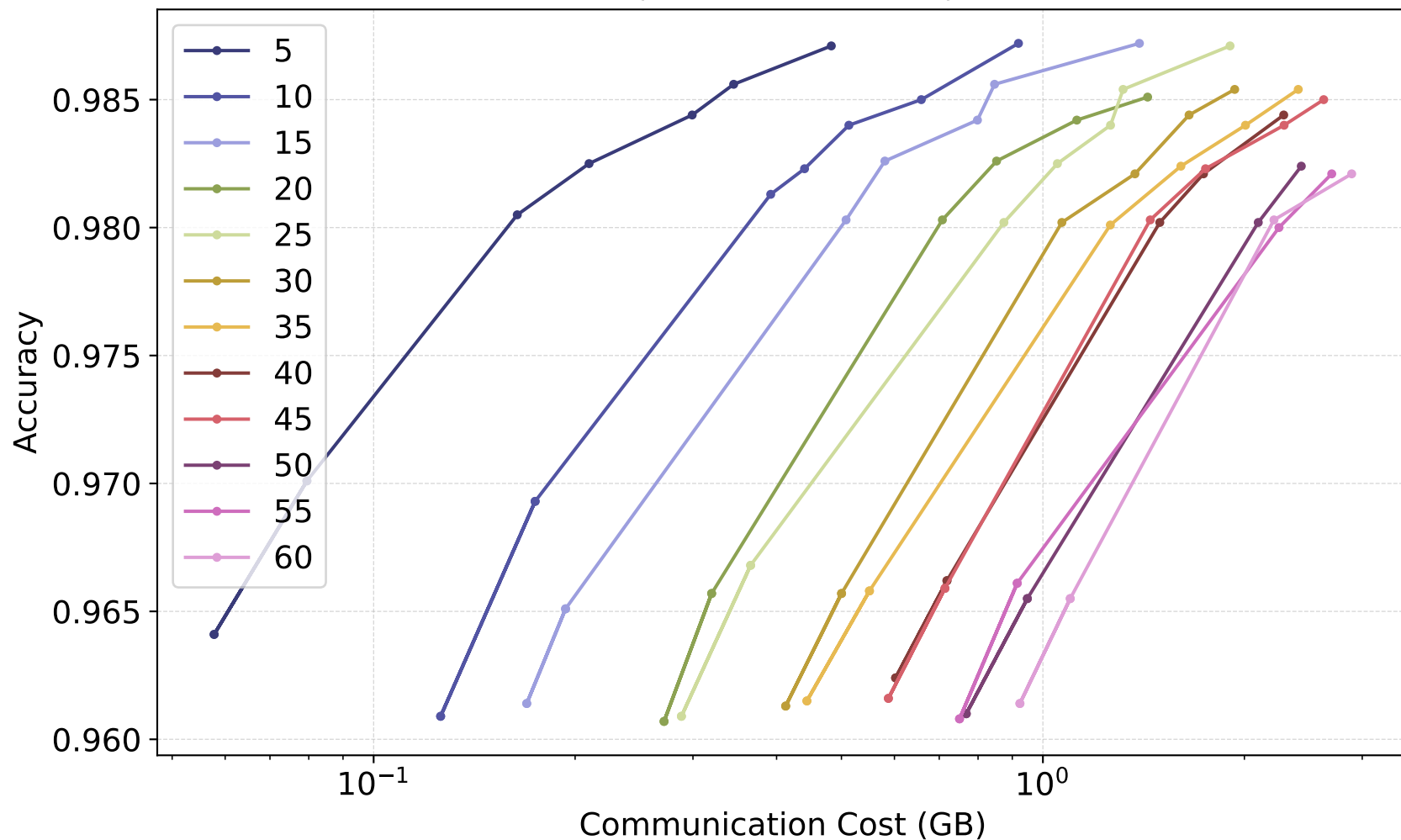
linear

*Theta* : 1.5 , Batch Size: 32 , Bias: nan



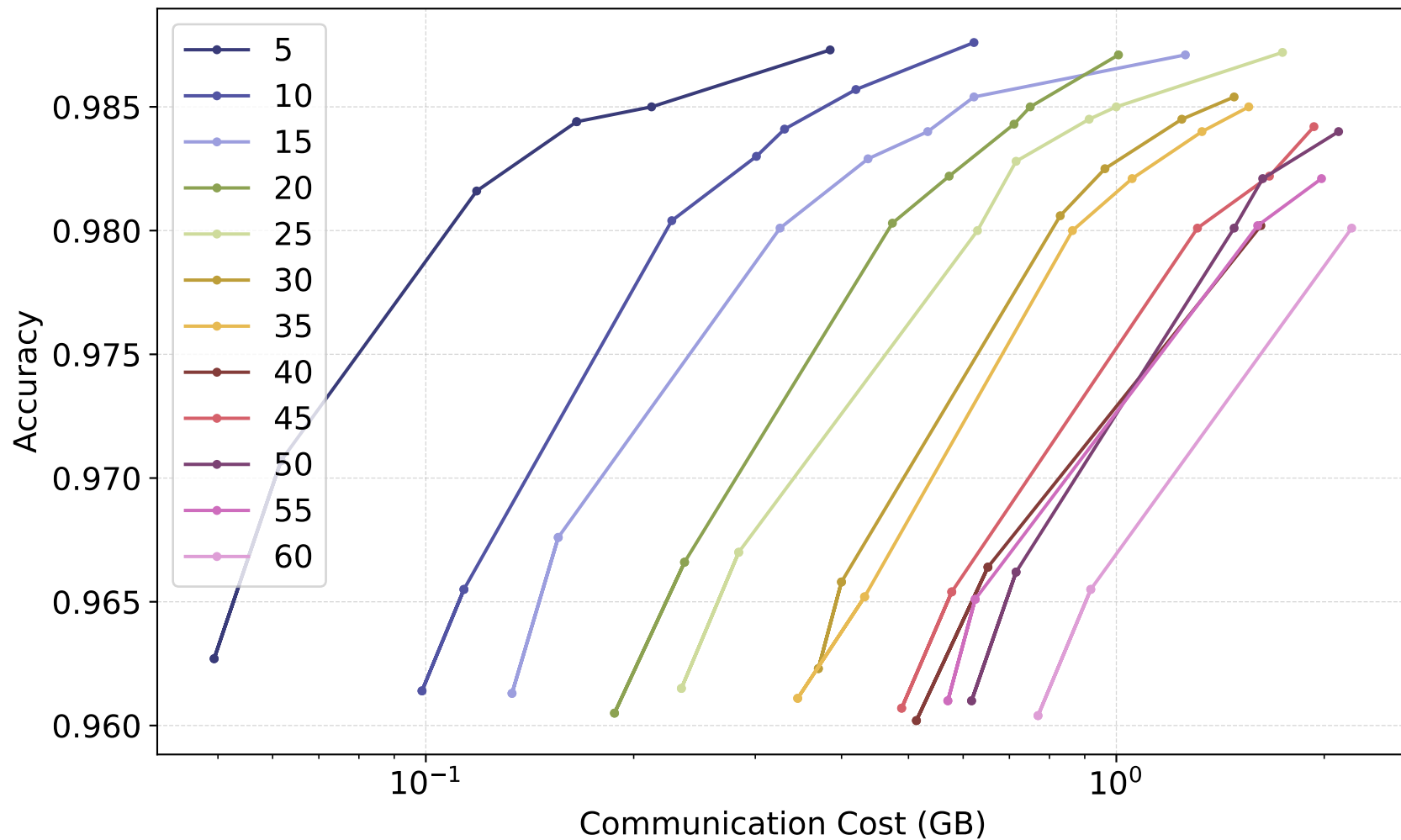
sketch

*Theta* : 1.5 , Batch Size: 32 , Bias: nan

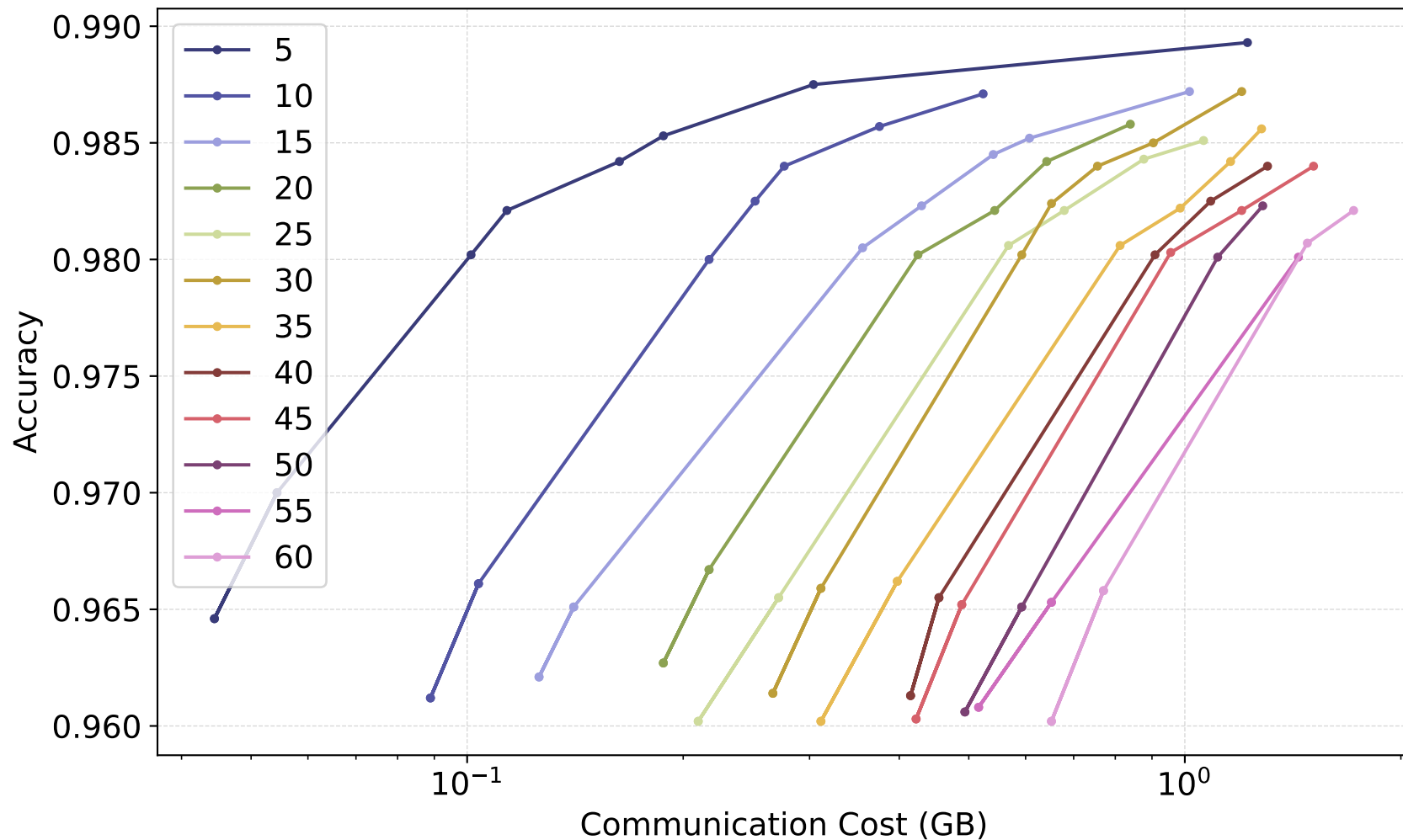


gm

*Theta* : 2.0 , Batch Size: 32 , Bias: nan

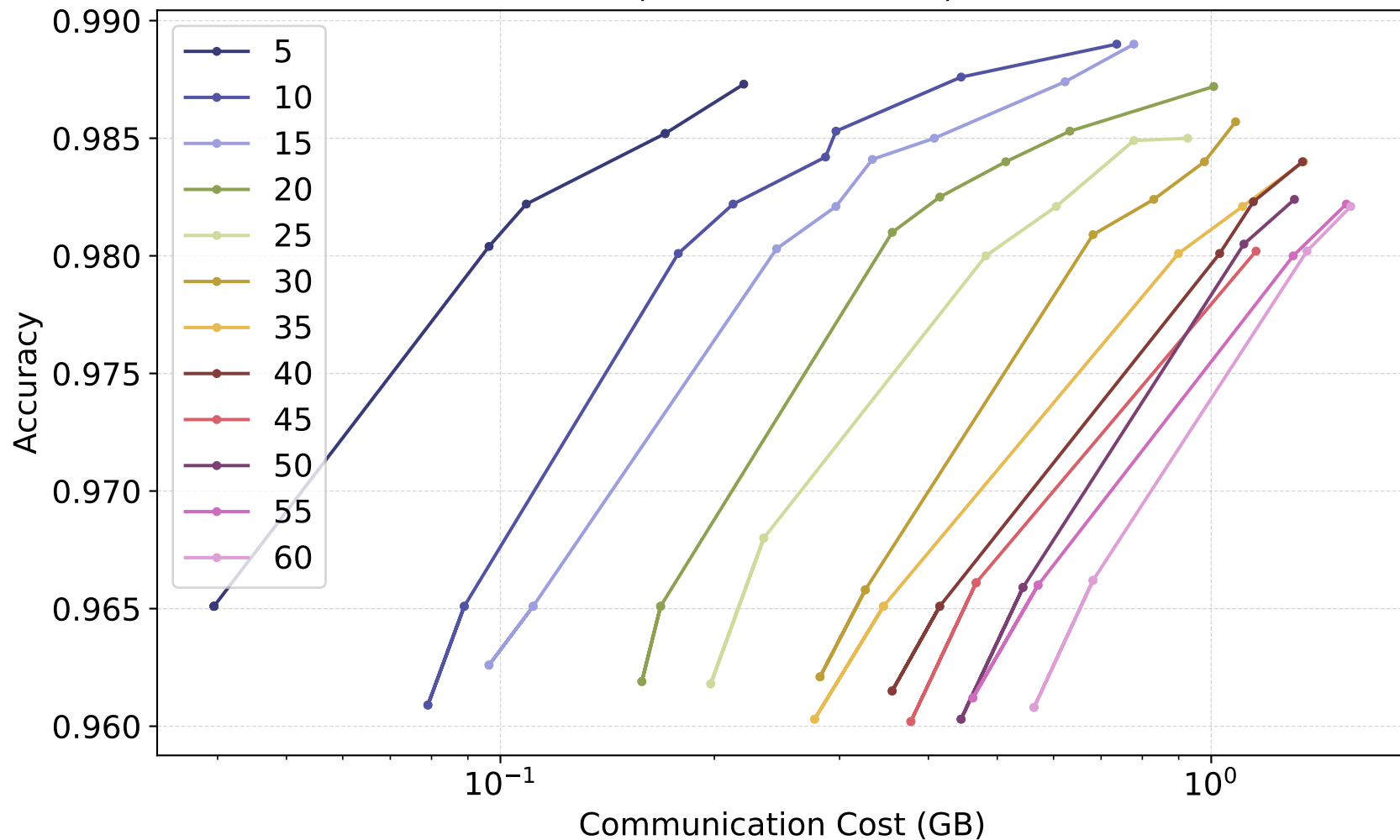


*Theta* : 2.0 , Batch Size: 32 , Bias: nan

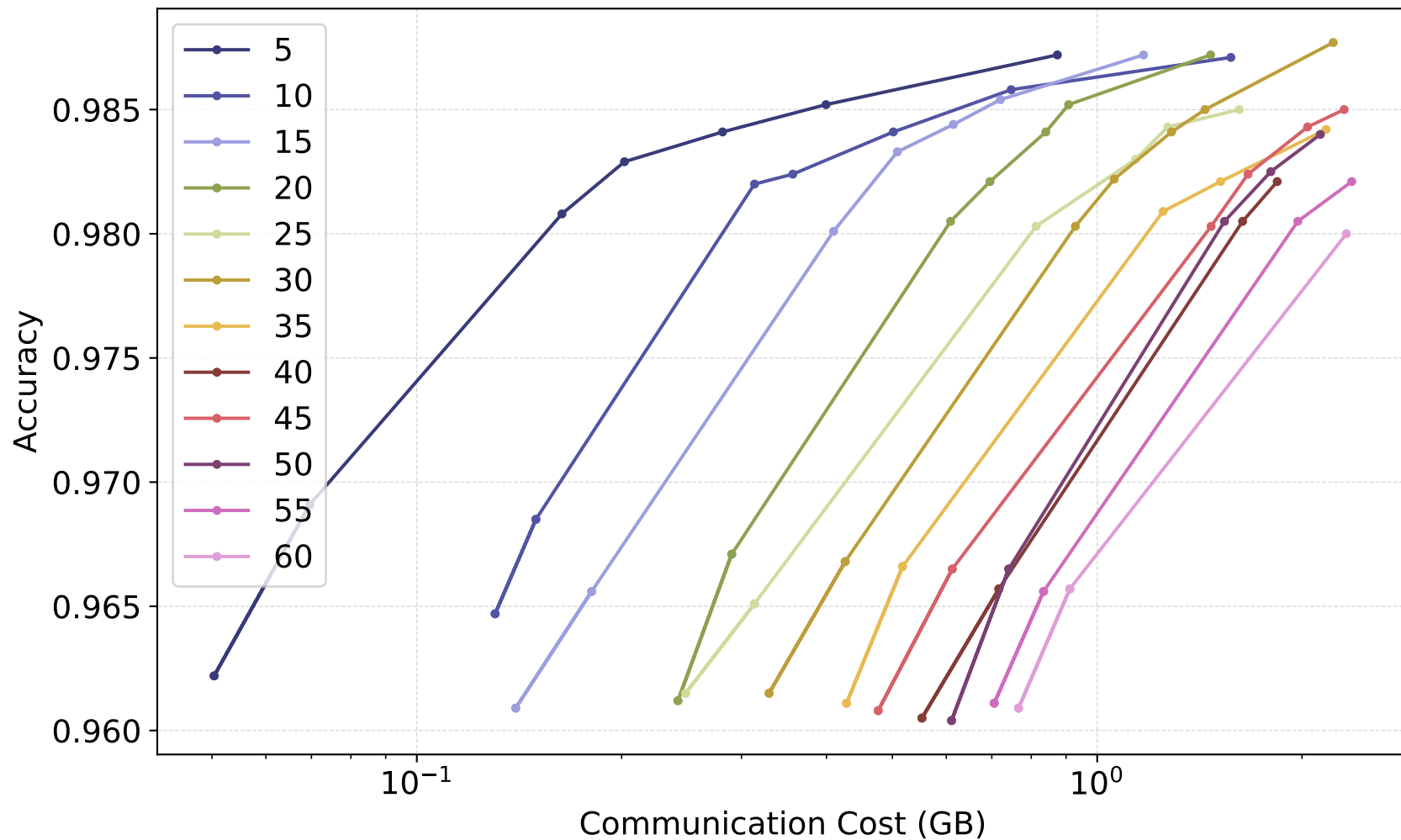




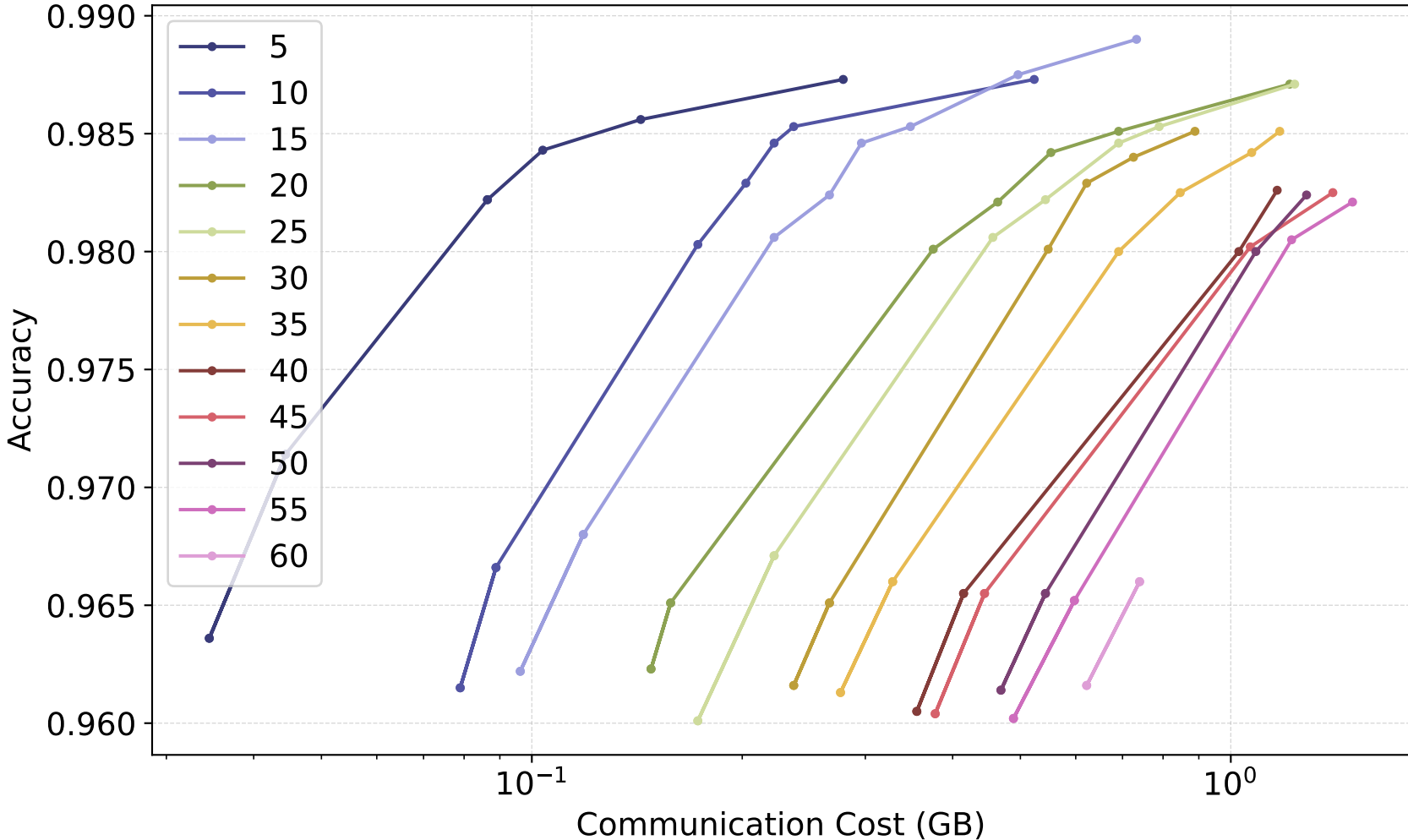
*Theta* : 2.0 , Batch Size: 32 , Bias: nan



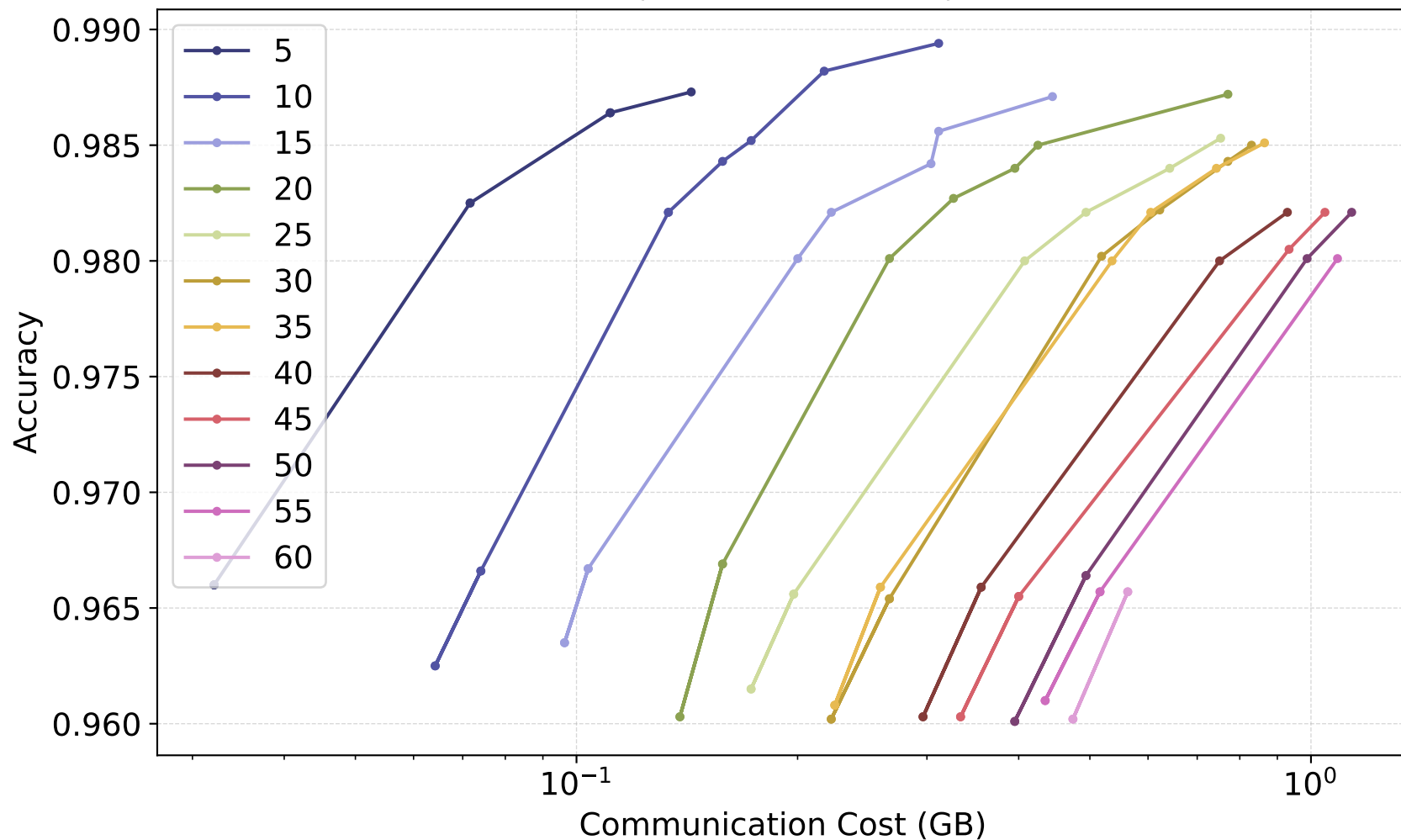
*Theta* : 2.0 , Batch Size: 32 , Bias: nan



*Theta* : 3.0 , Batch Size: 32 , Bias: nan

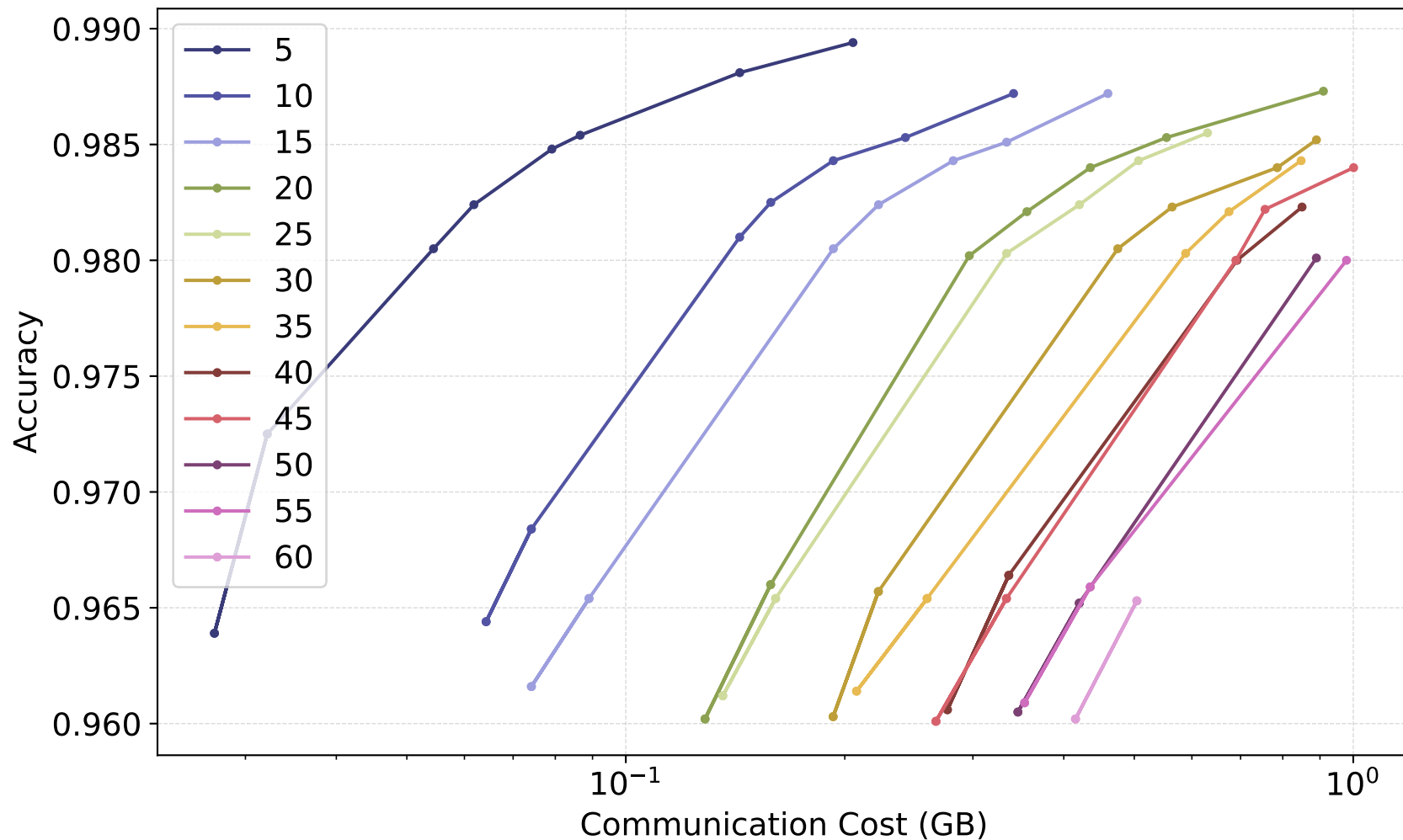


*Theta* : 3.0 , Batch Size: 32 , Bias: nan



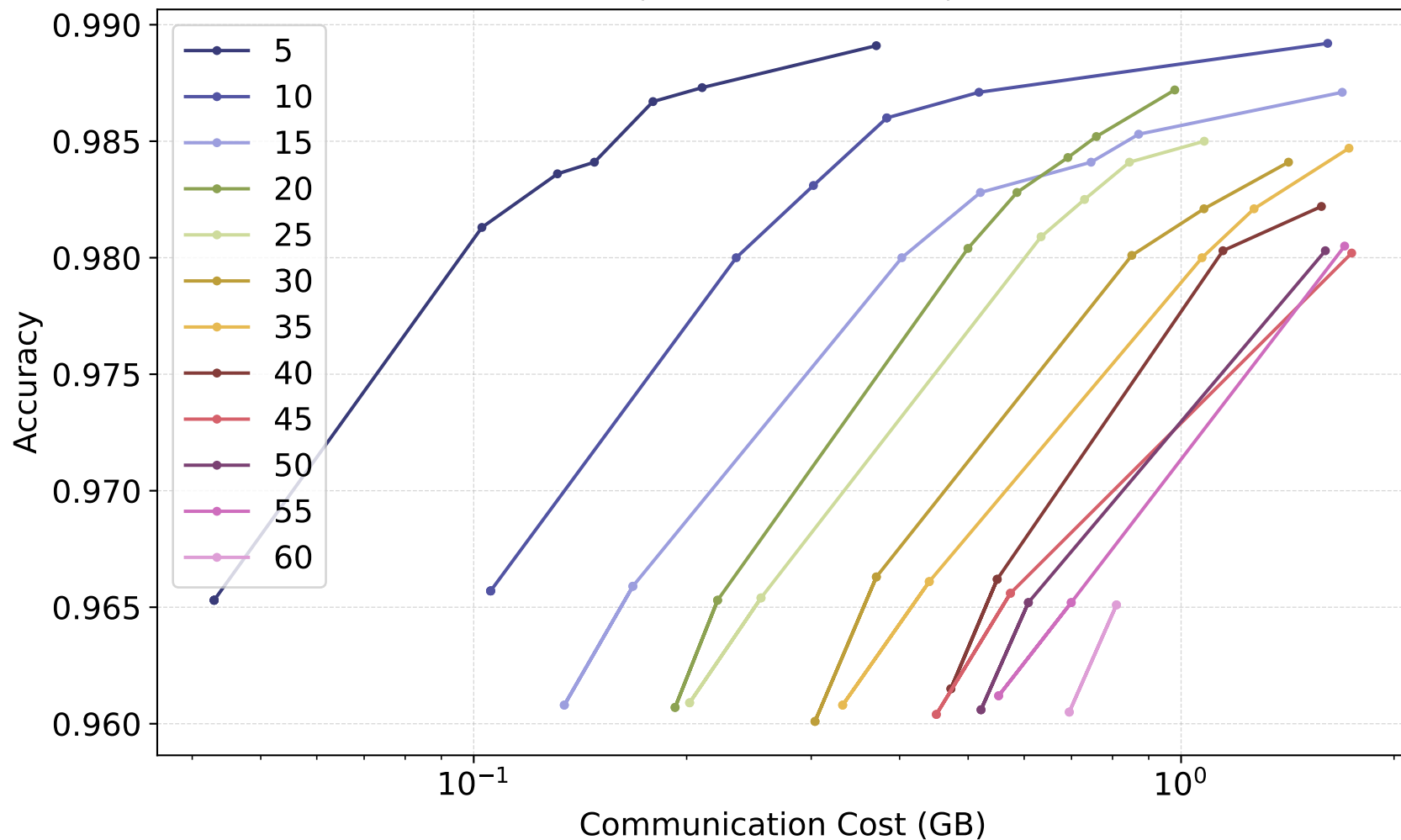
linear

*Theta* : 3.0 , Batch Size: 32 , Bias: nan



sketch

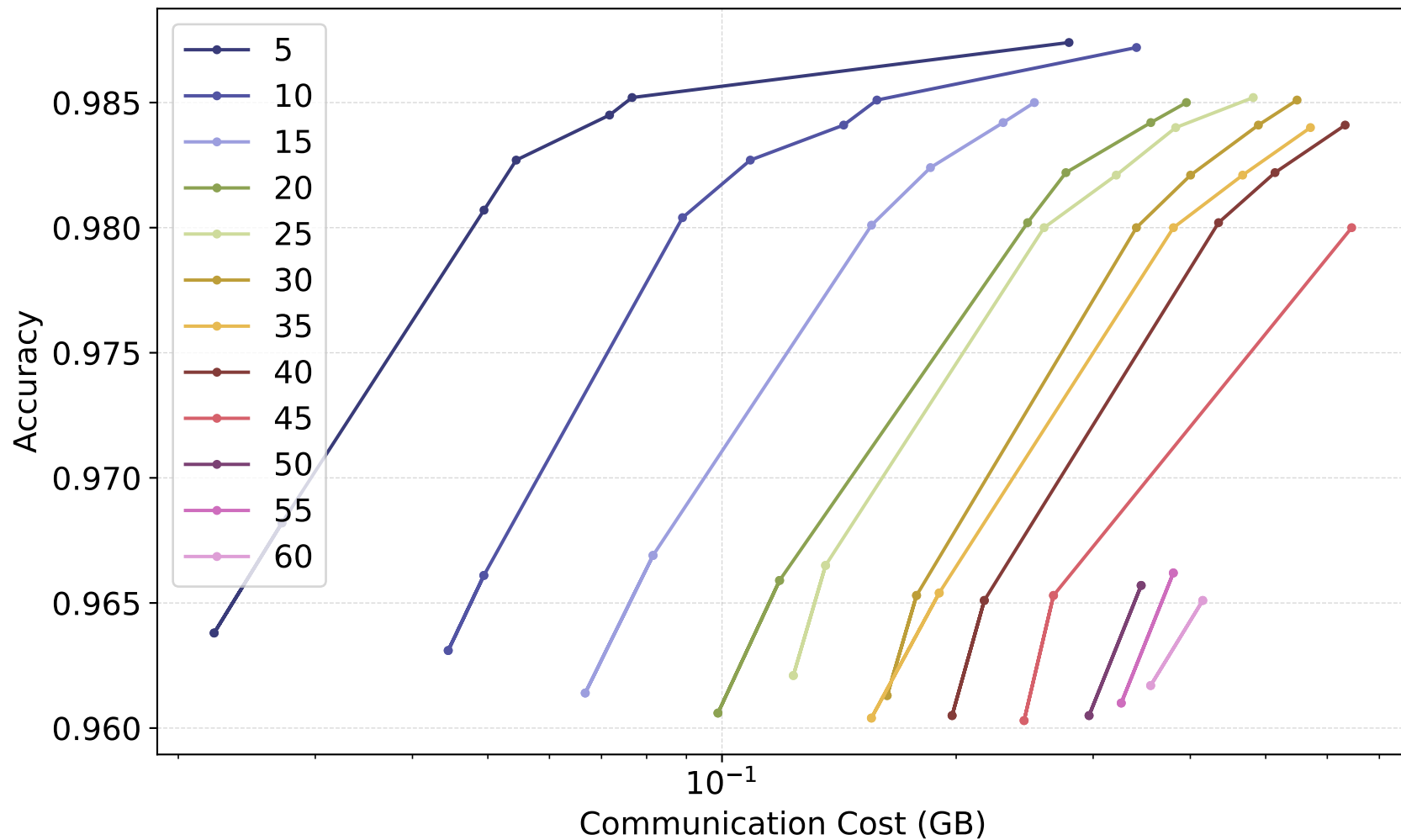
*Theta* : 3.0 , Batch Size: 32 , Bias: nan





naive

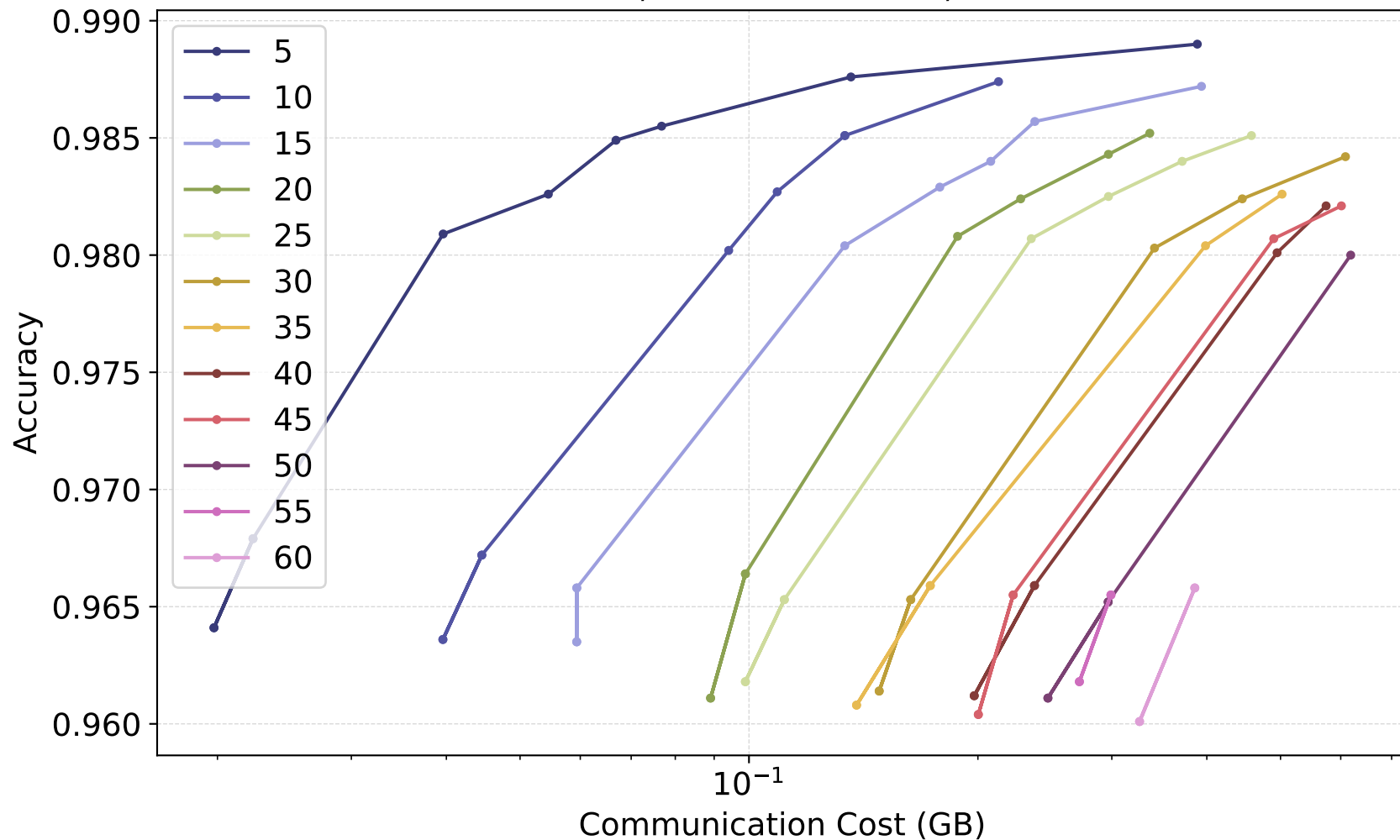
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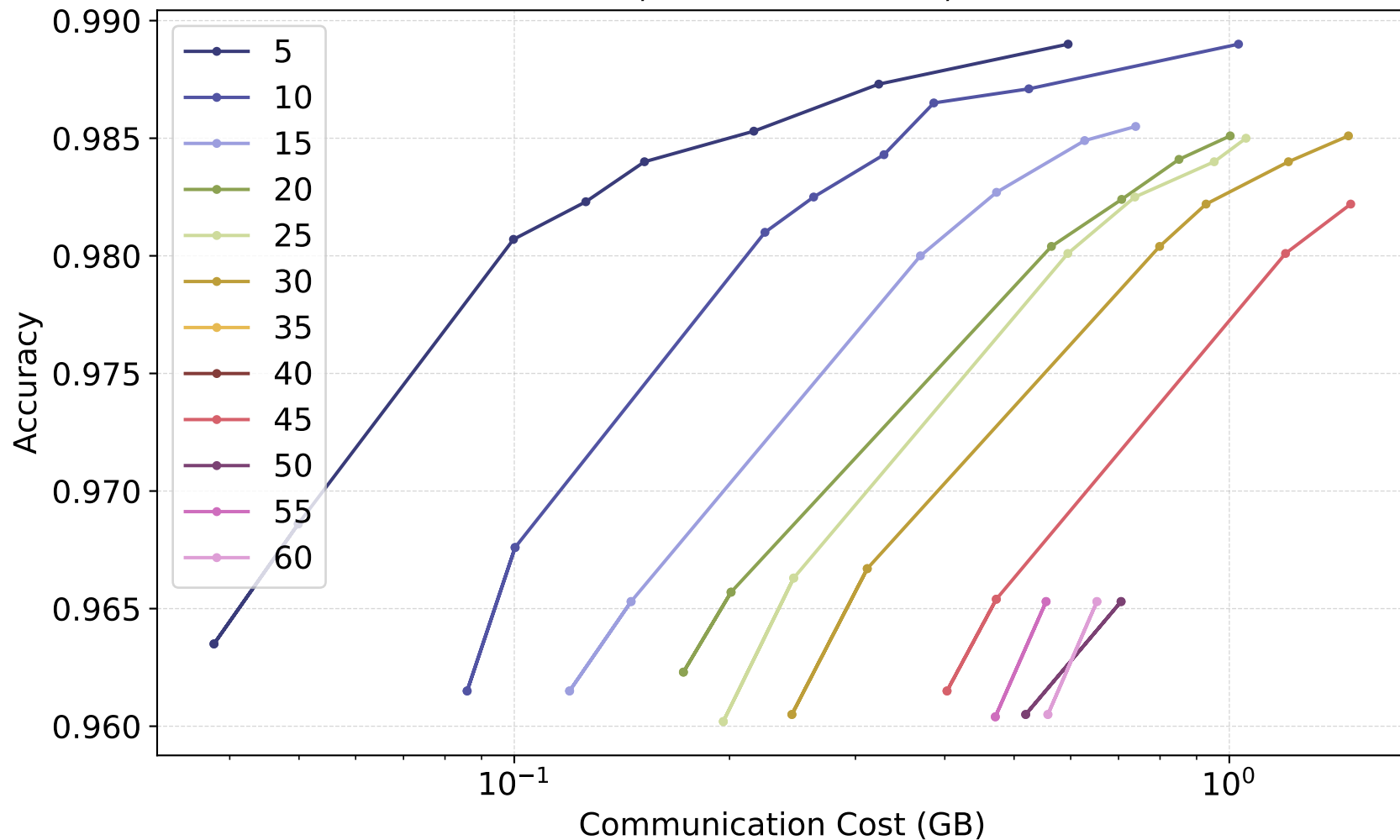
linear

*Theta* : 5.0 , Batch Size: 32 , Bias: nan



sketch

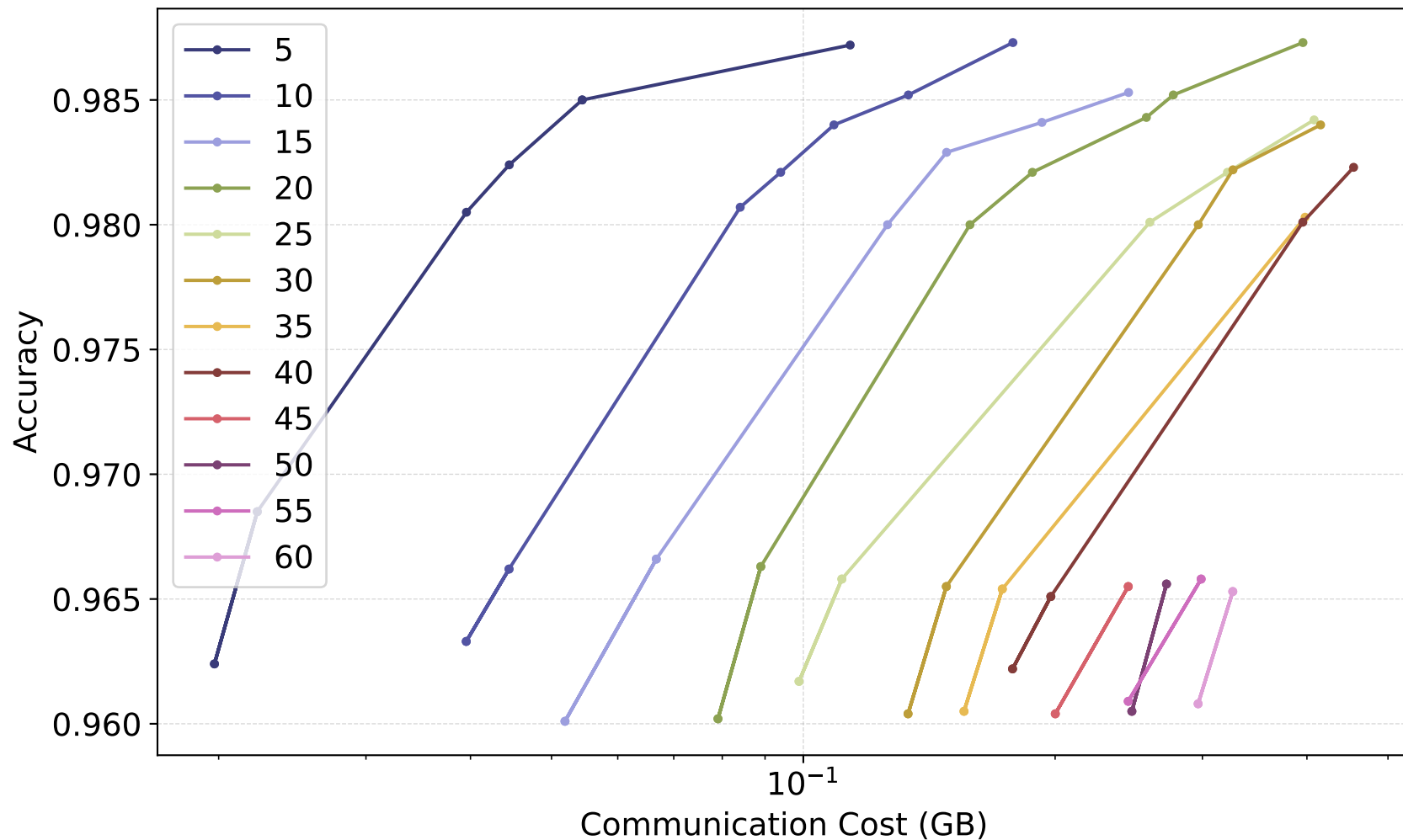
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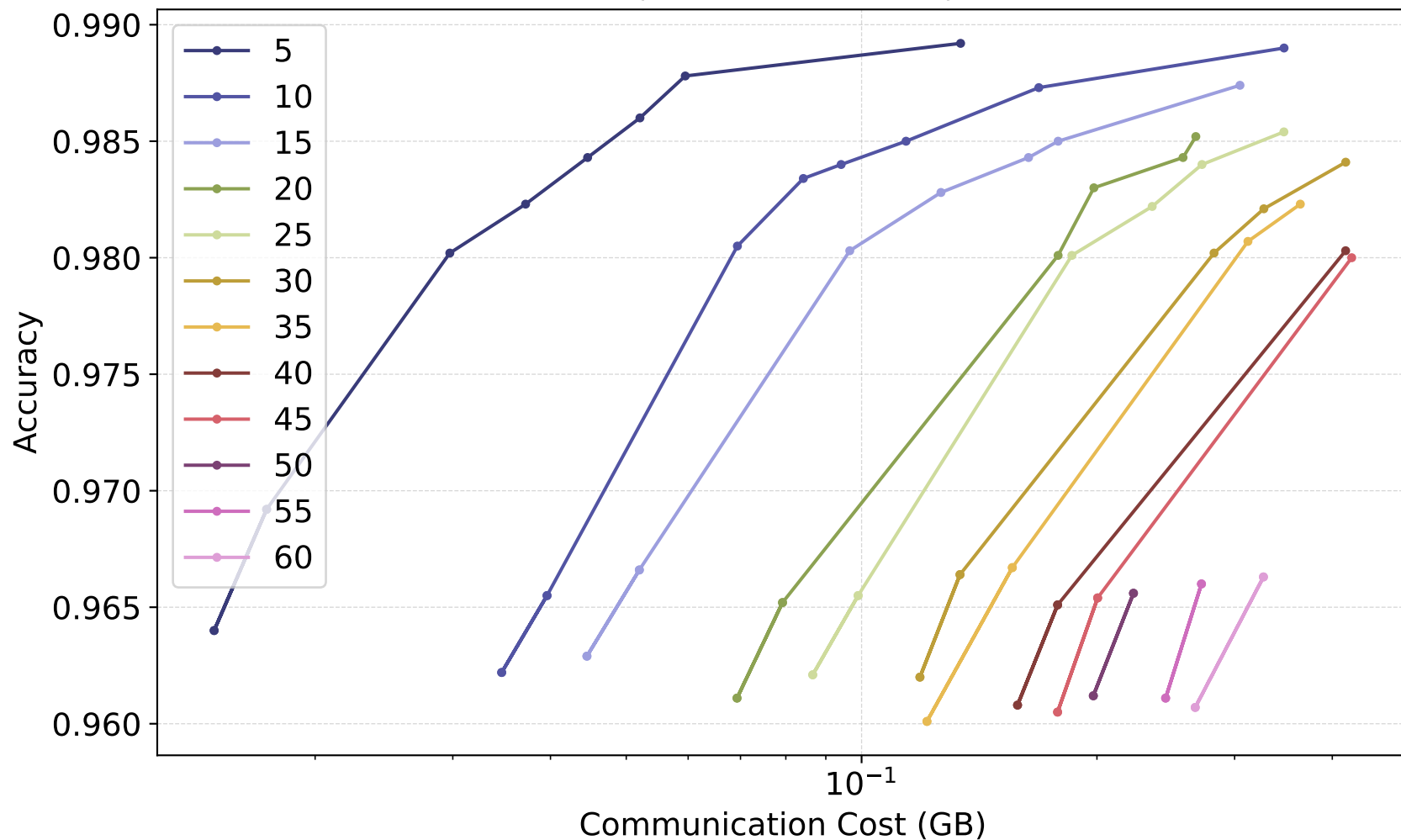
naive

*Theta* : 7.0 , Batch Size: 32 , Bias: nan

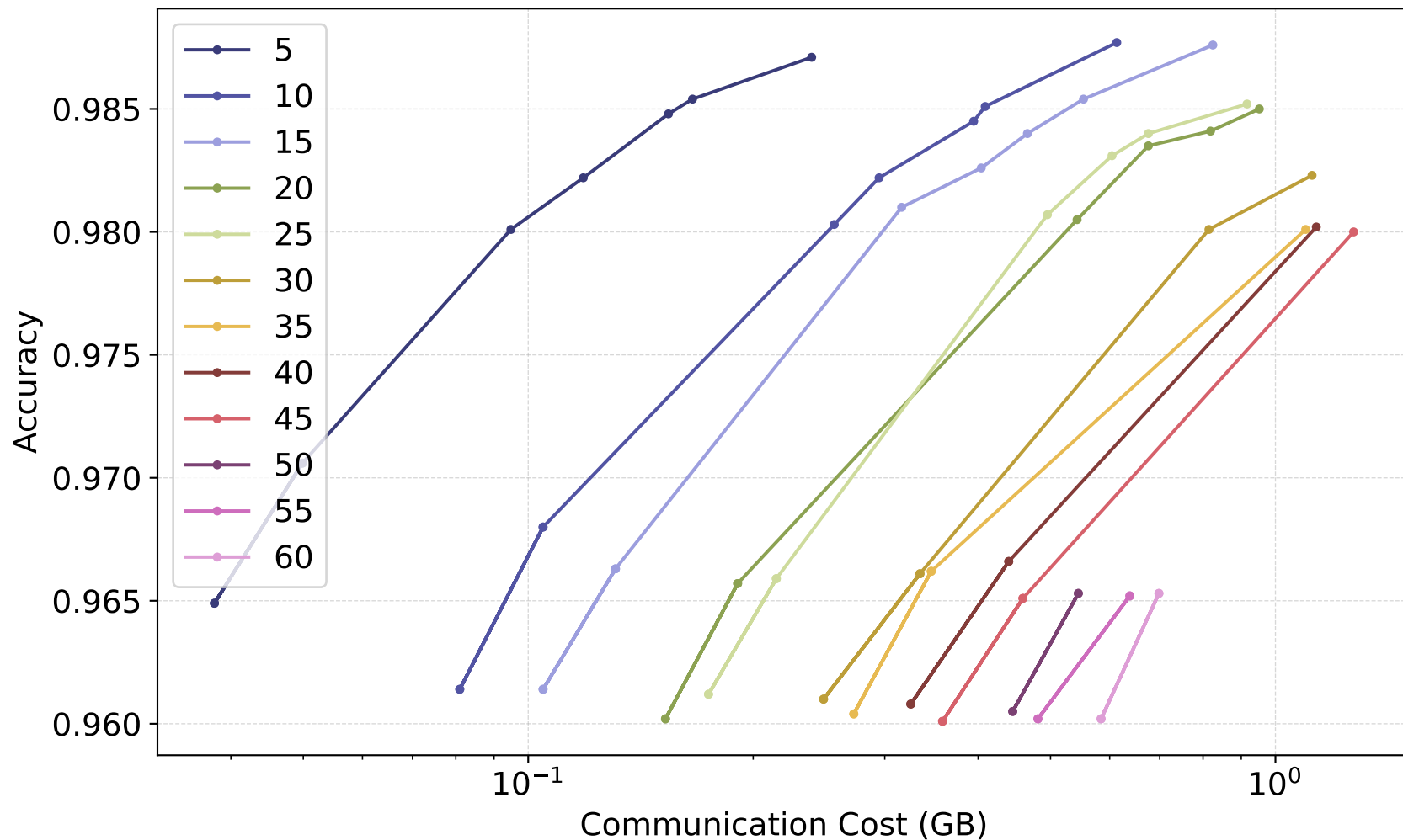


linear

*Theta* : 7.0 , Batch Size: 32 , Bias: nan



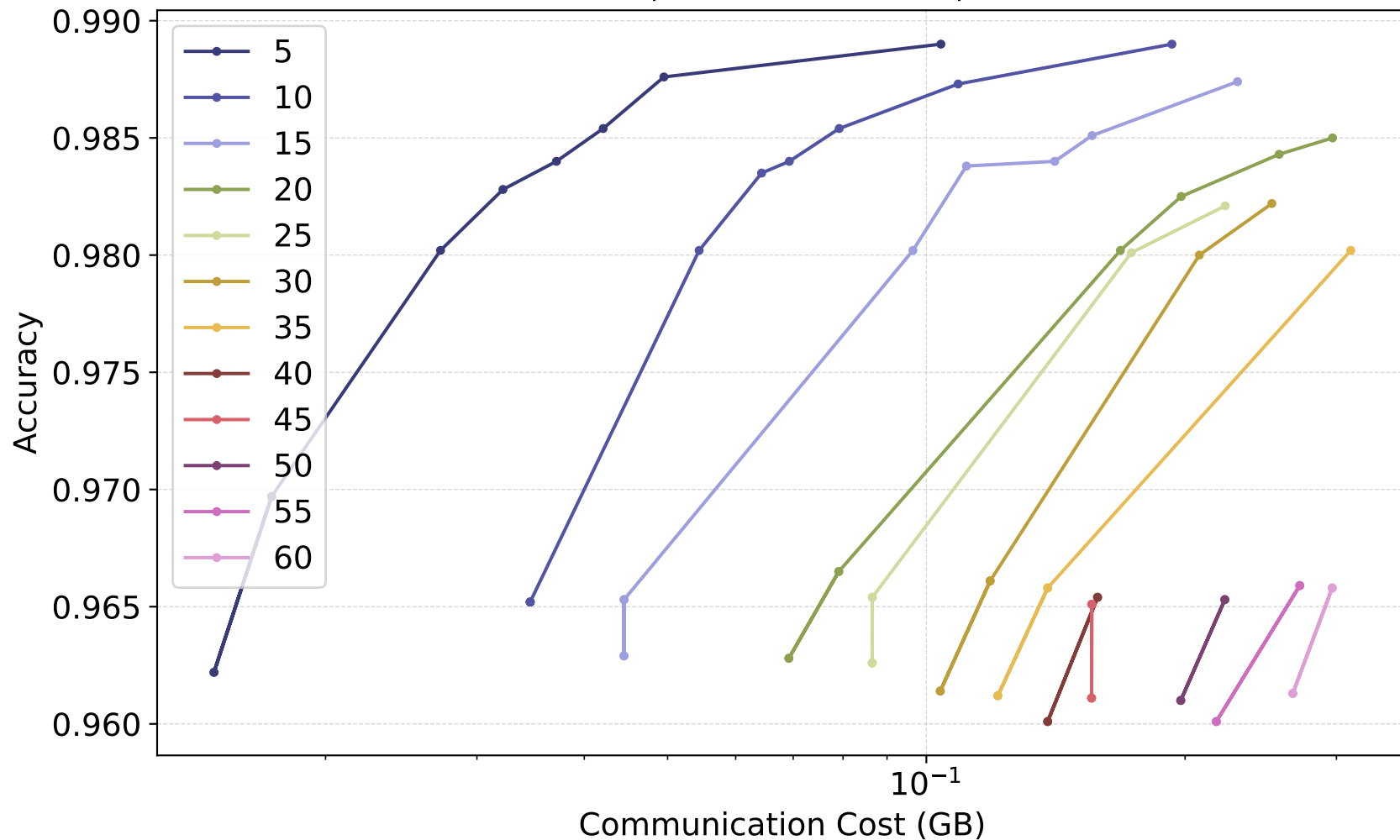
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naive

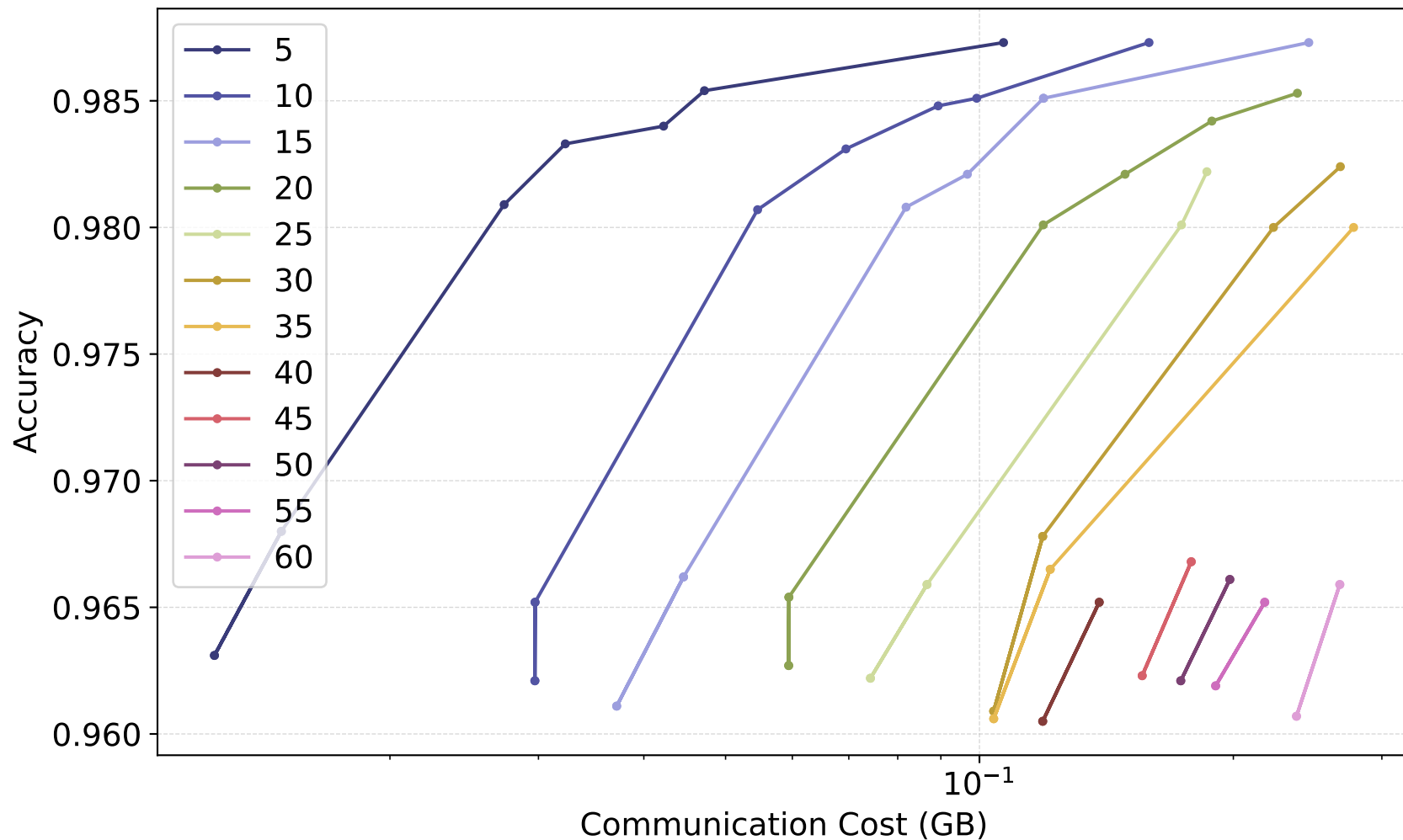
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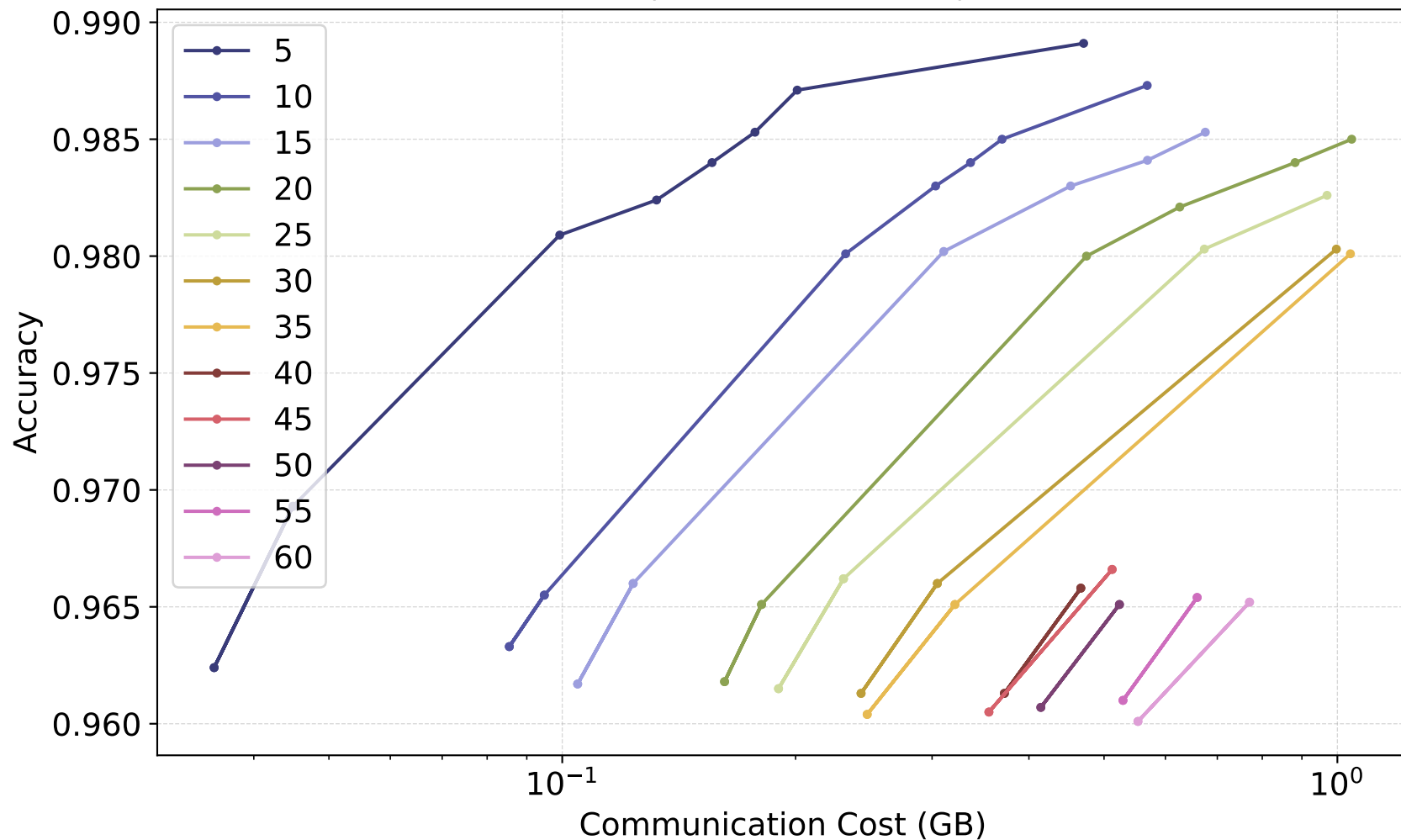
linear

*Theta* : 10.0 , Batch Size: 32 , Bias: nan

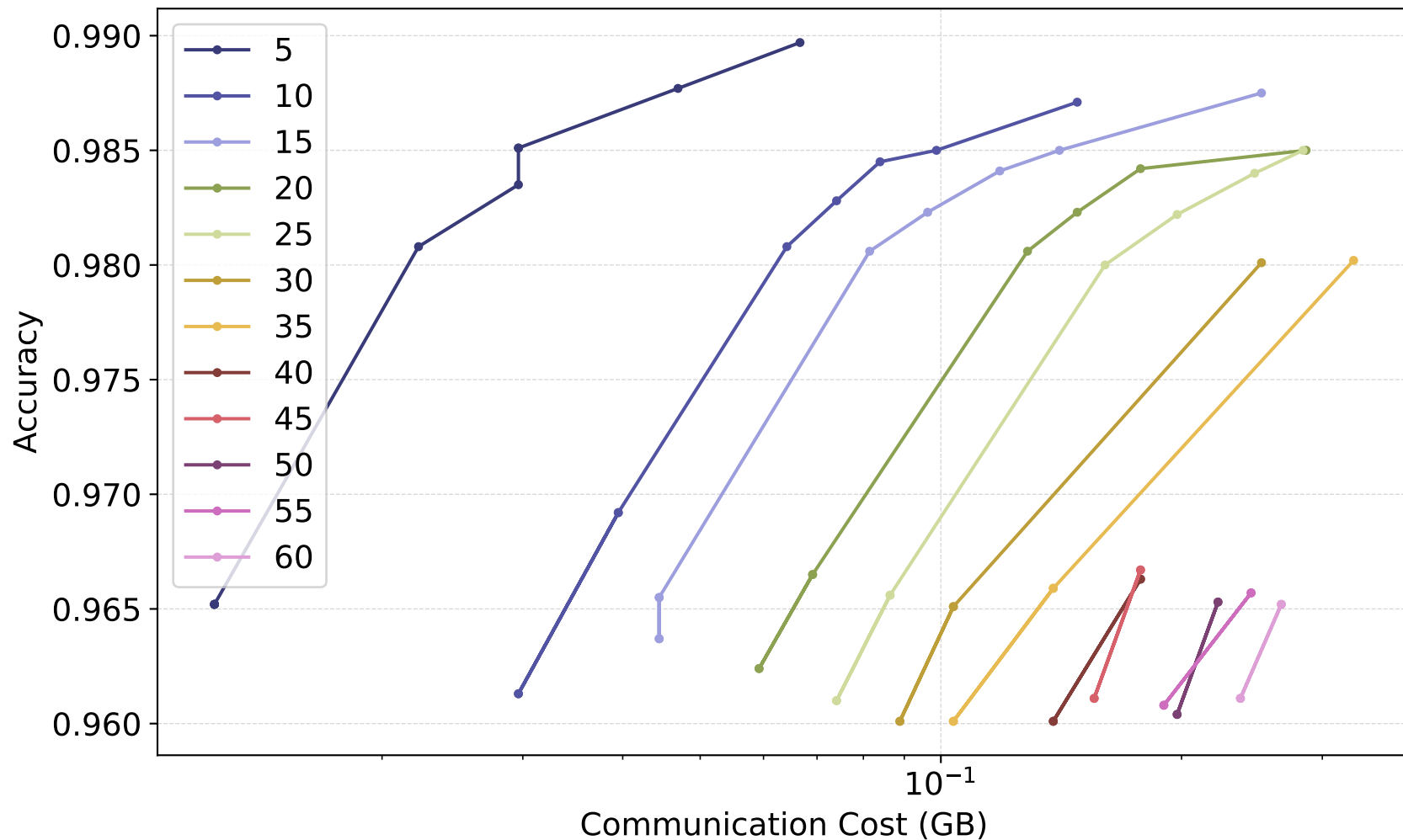


sketch

*Theta* : 10.0 , Batch Size: 32 , Bias: nan

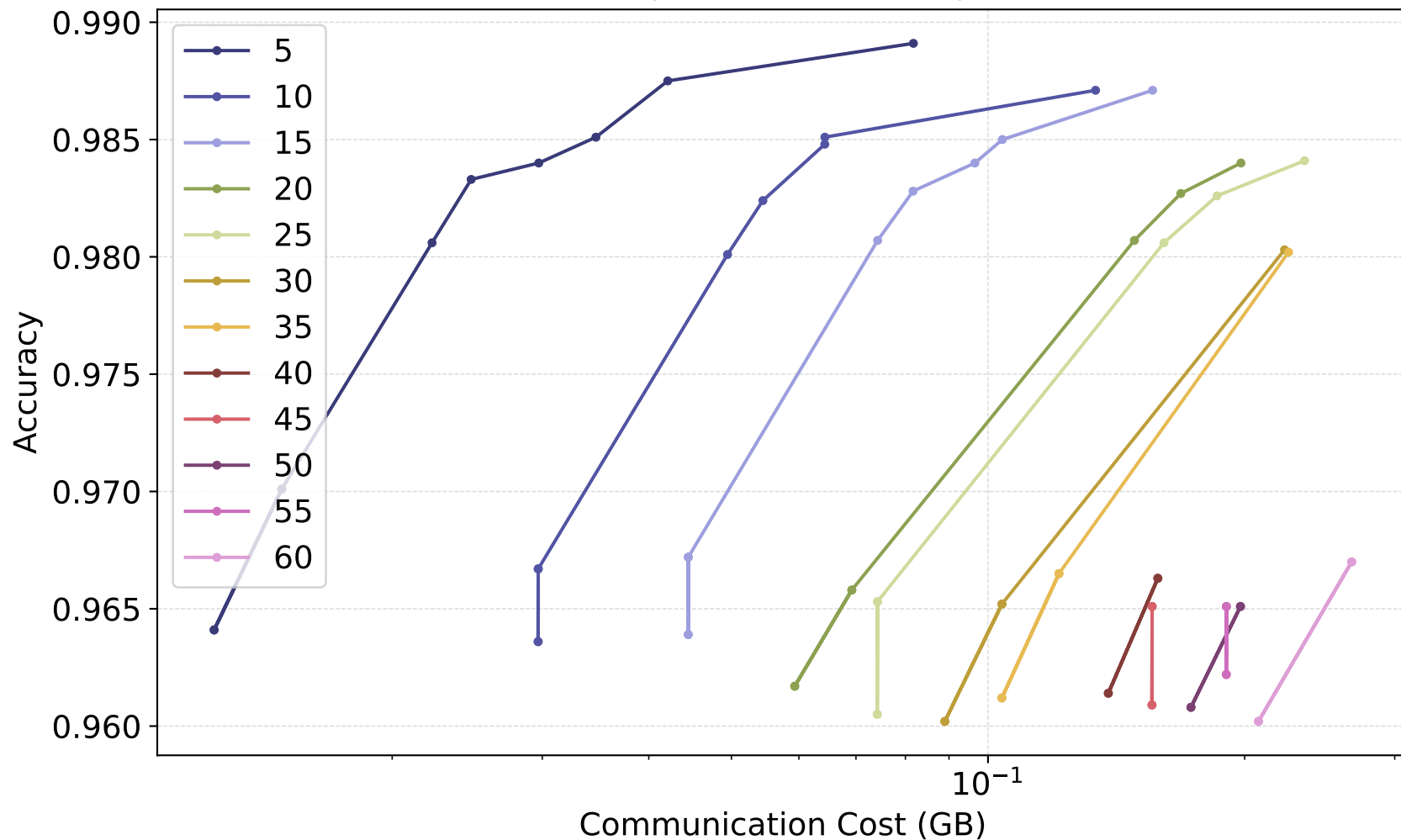


*Theta* : 12.0 , Batch Size: 32 , Bias: nan



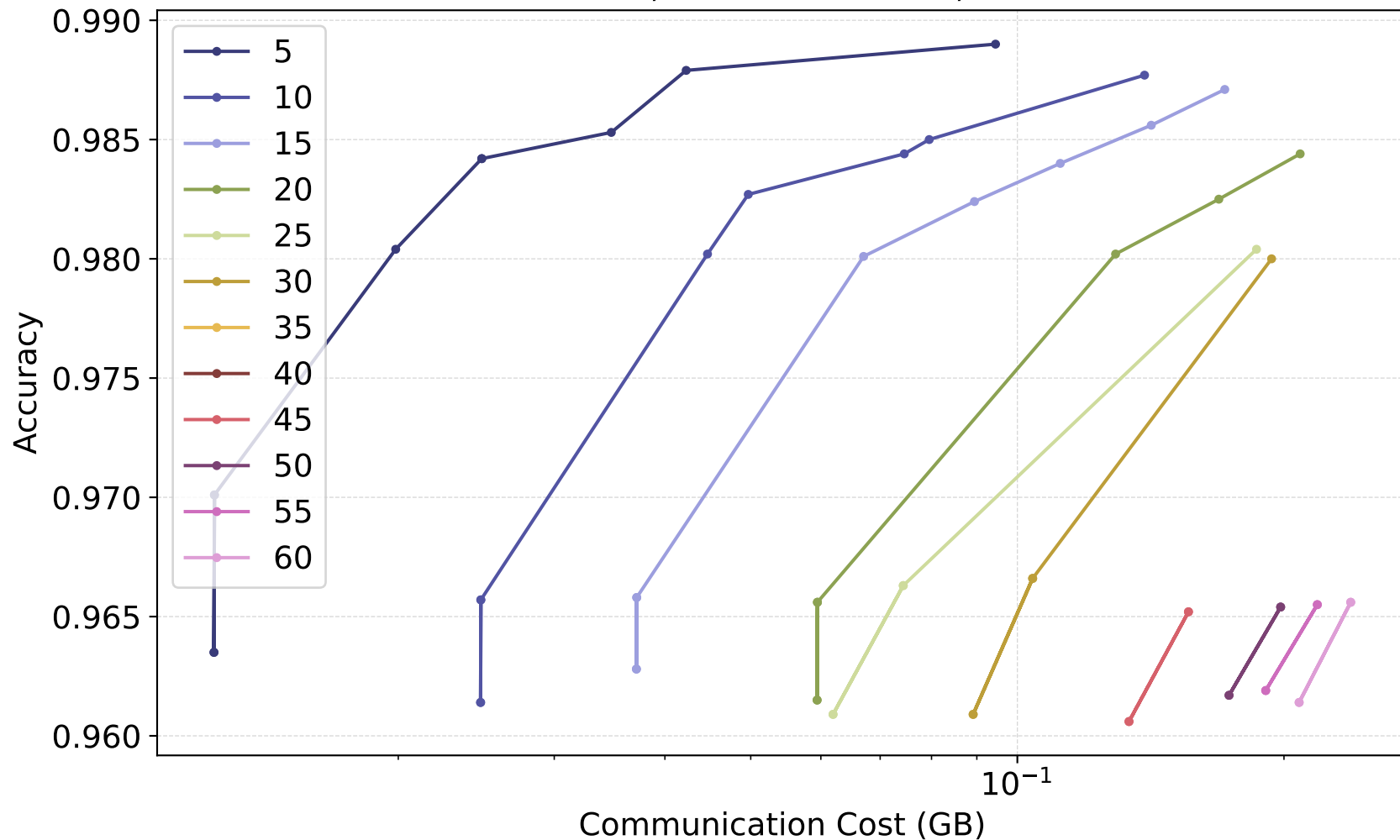
naive

*Theta* : 12.0 , Batch Size: 32 , Bias: nan

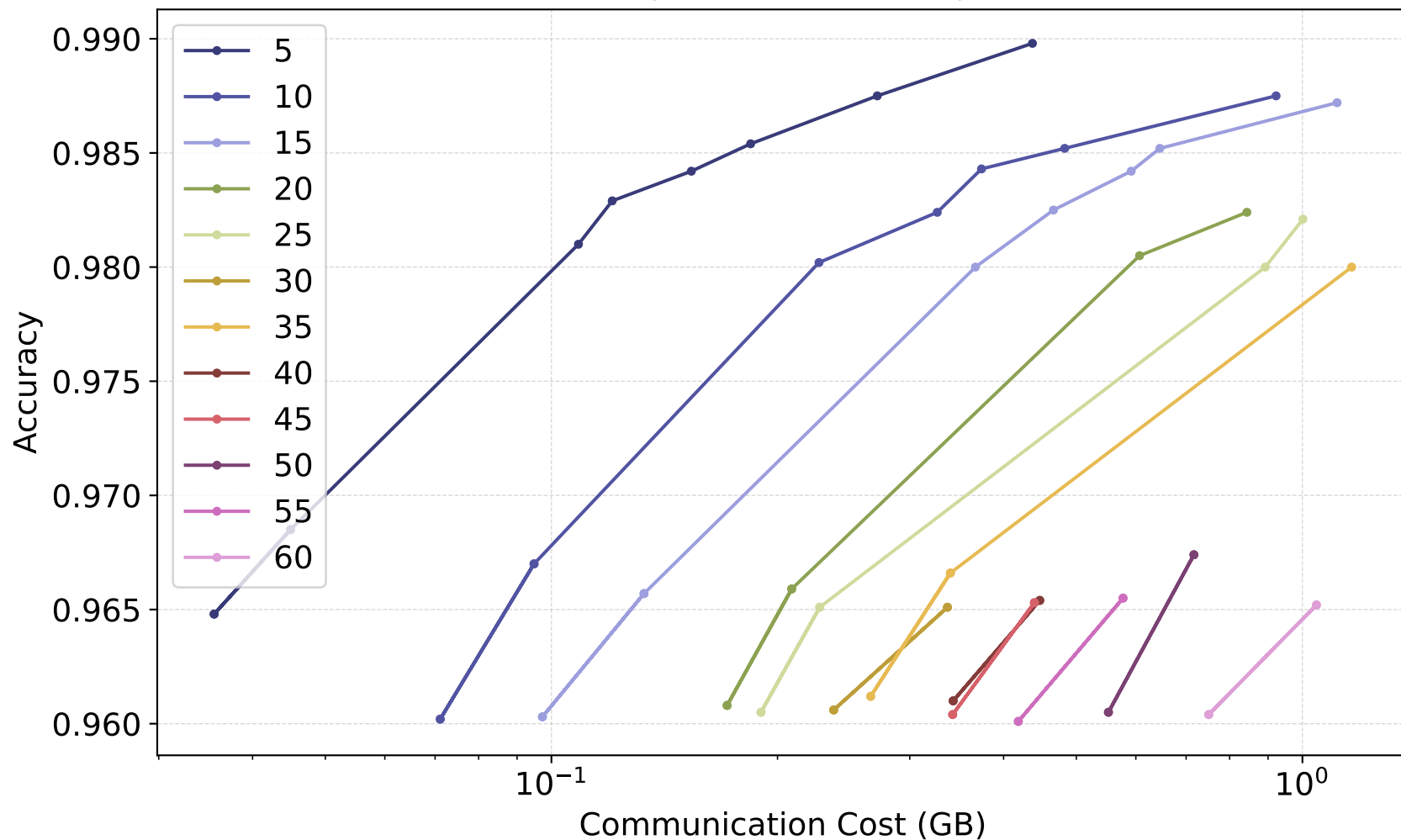


linear

*Theta* : 12.0 , Batch Size: 32 , Bias: nan

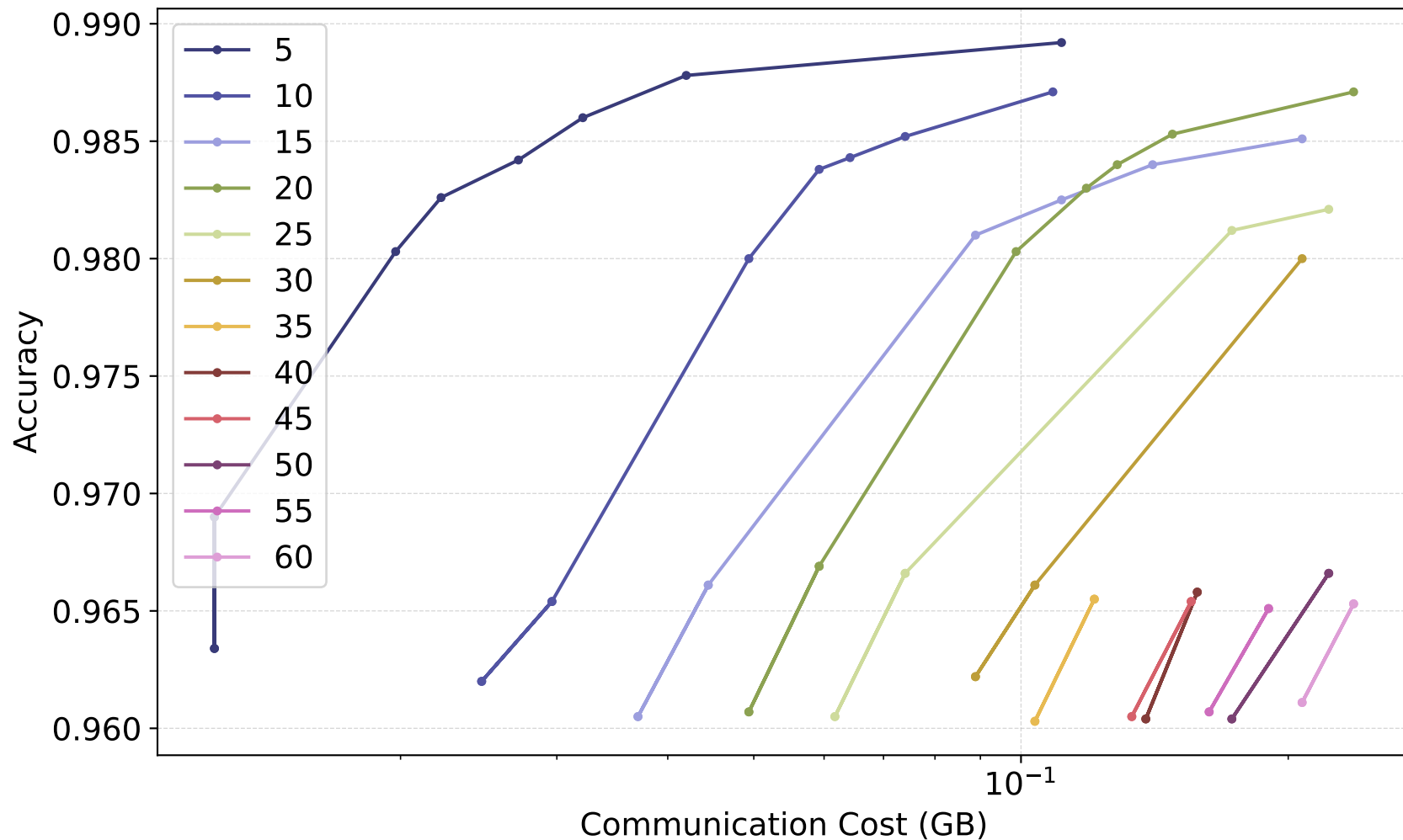


*Theta* : 12.0 , Batch Size: 32 , Bias: nan



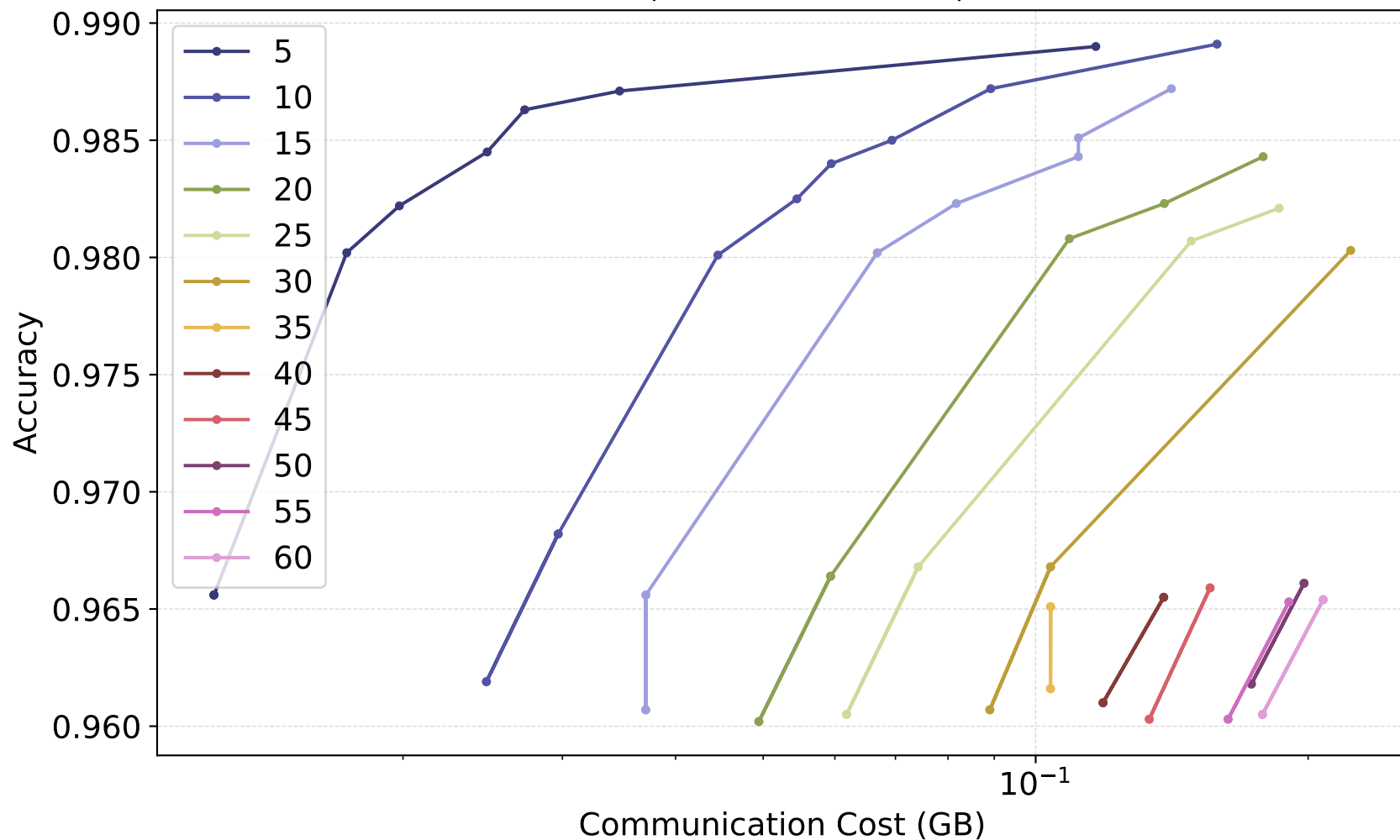
gm

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



naive

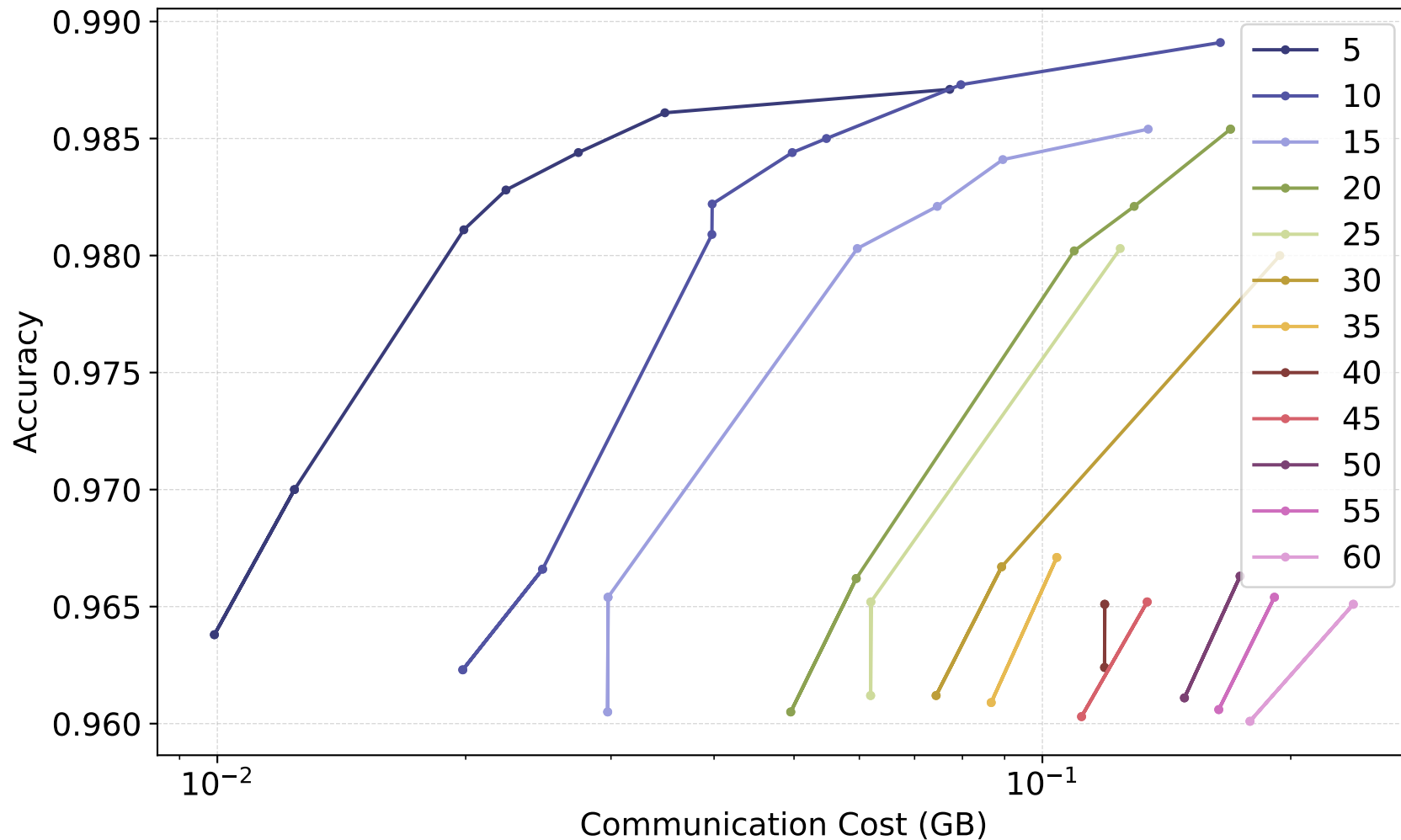
*Theta* : 15.0 , Batch Size: 32 , Bias: nan





linear

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



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

