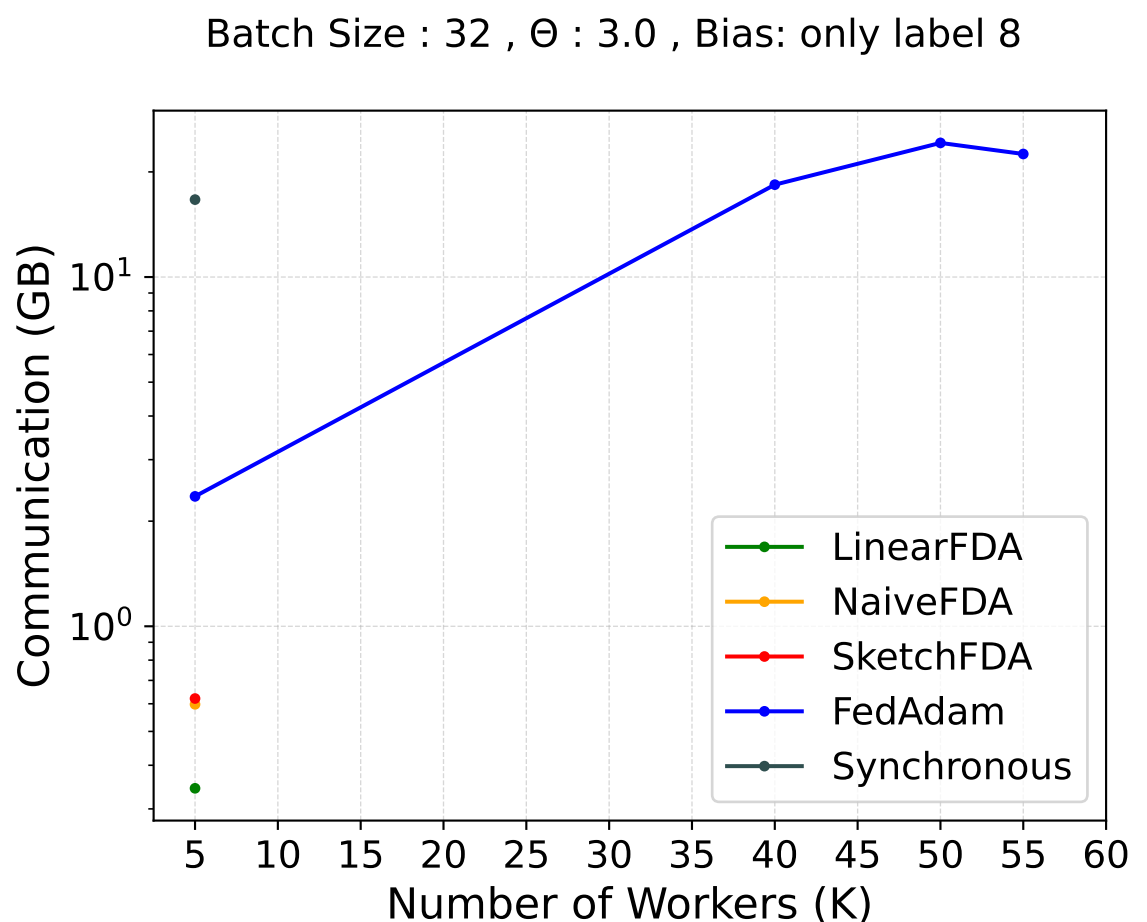
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Communication (GB)
$10^1$
$10^0$
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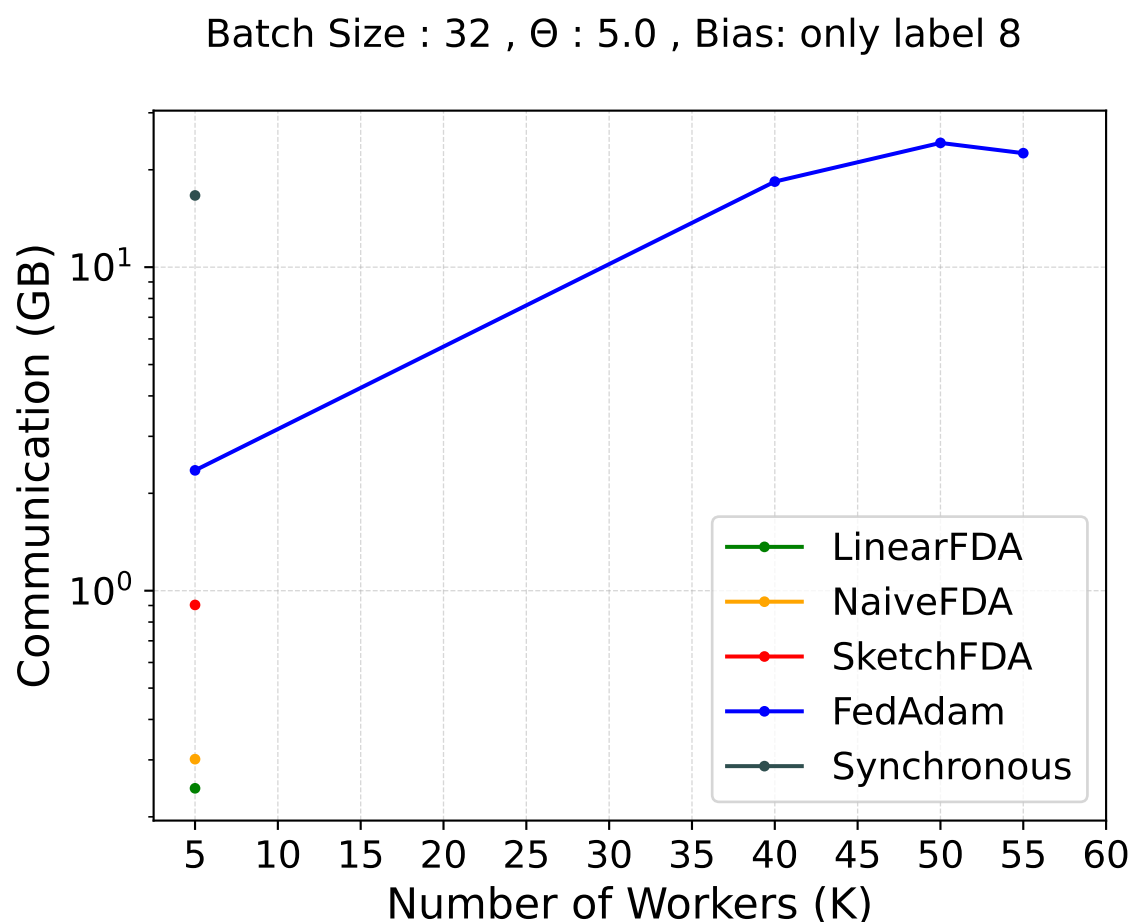
Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous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Communication (GB)
$10^1$
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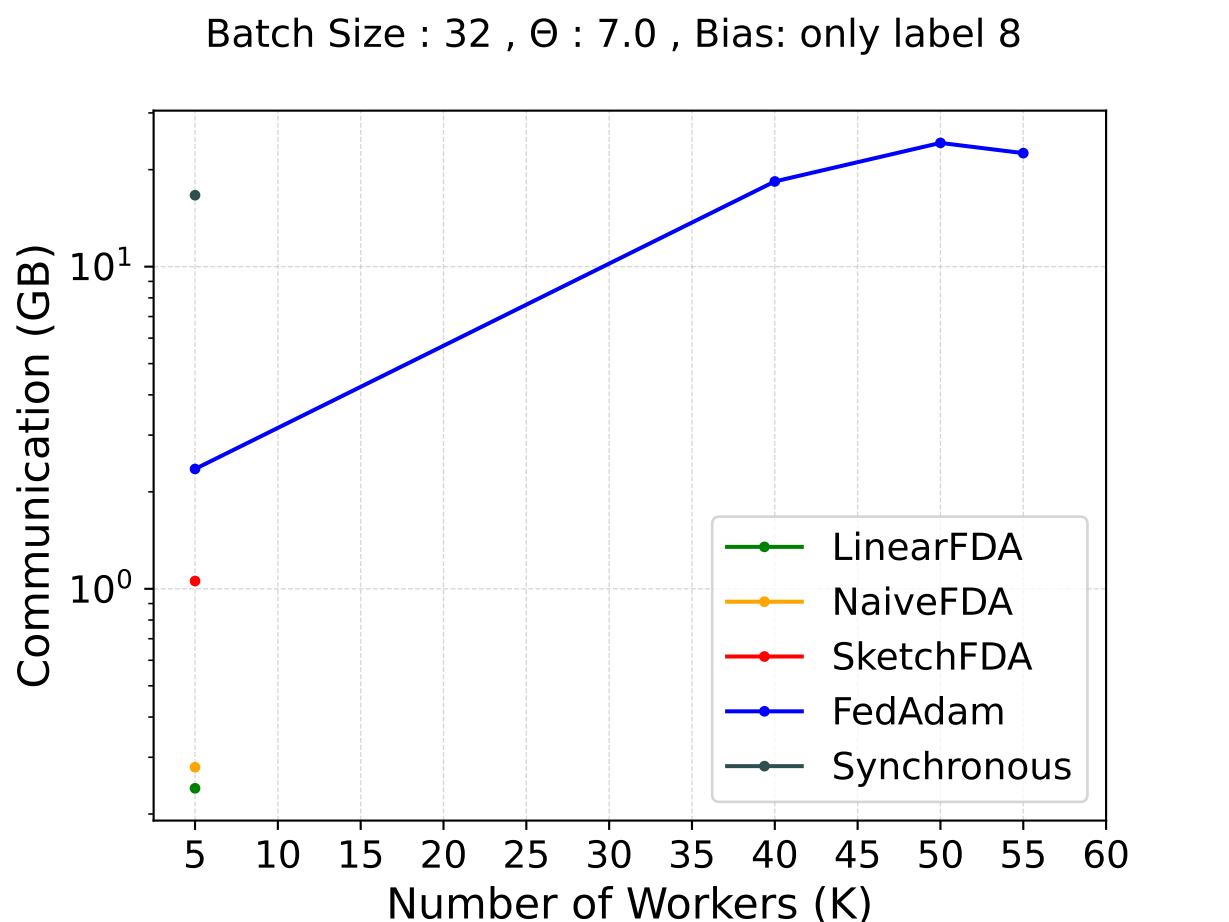
Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous


Batch Size : 32 , Θ : 7.0 , Bias: only label 8
Communication (GB)
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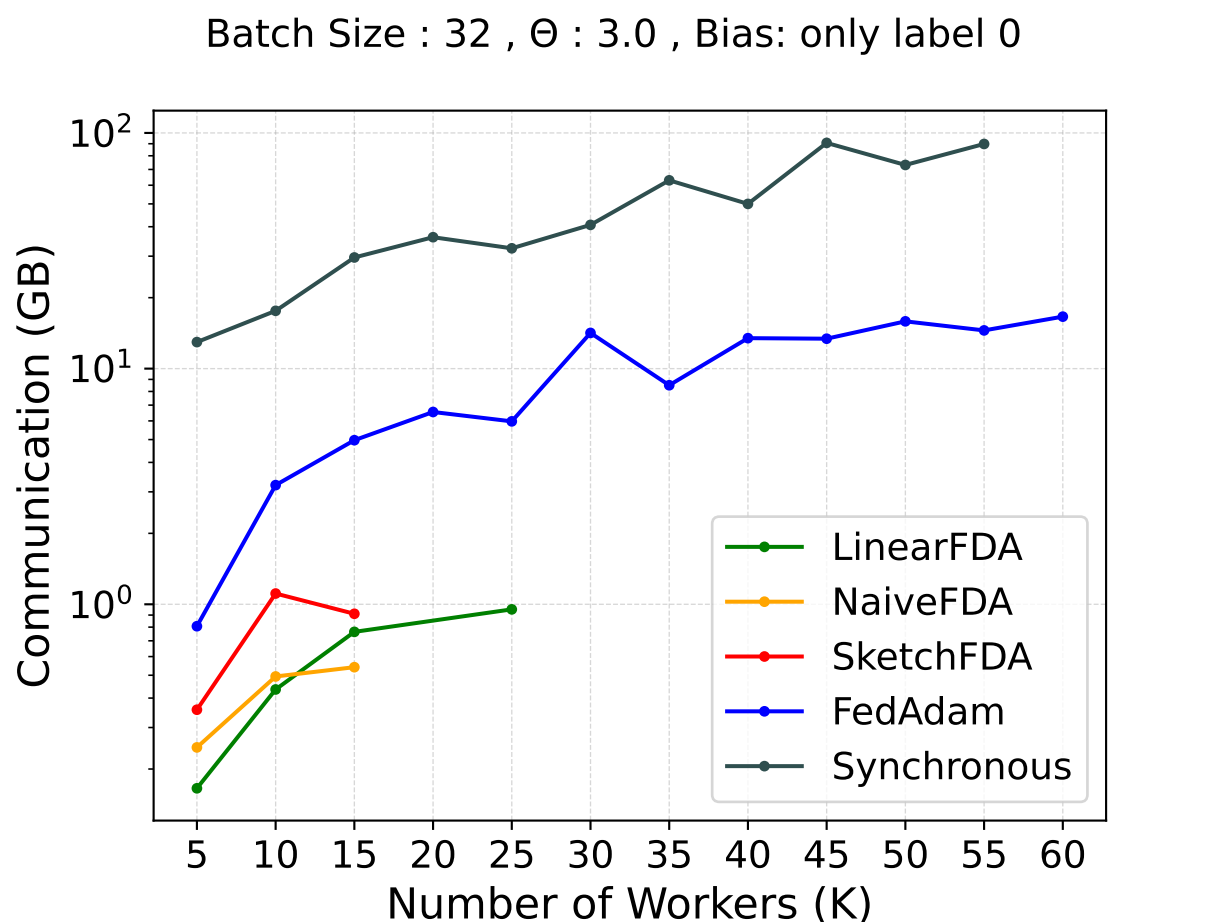
Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous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Communication (GB)
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$10^0$
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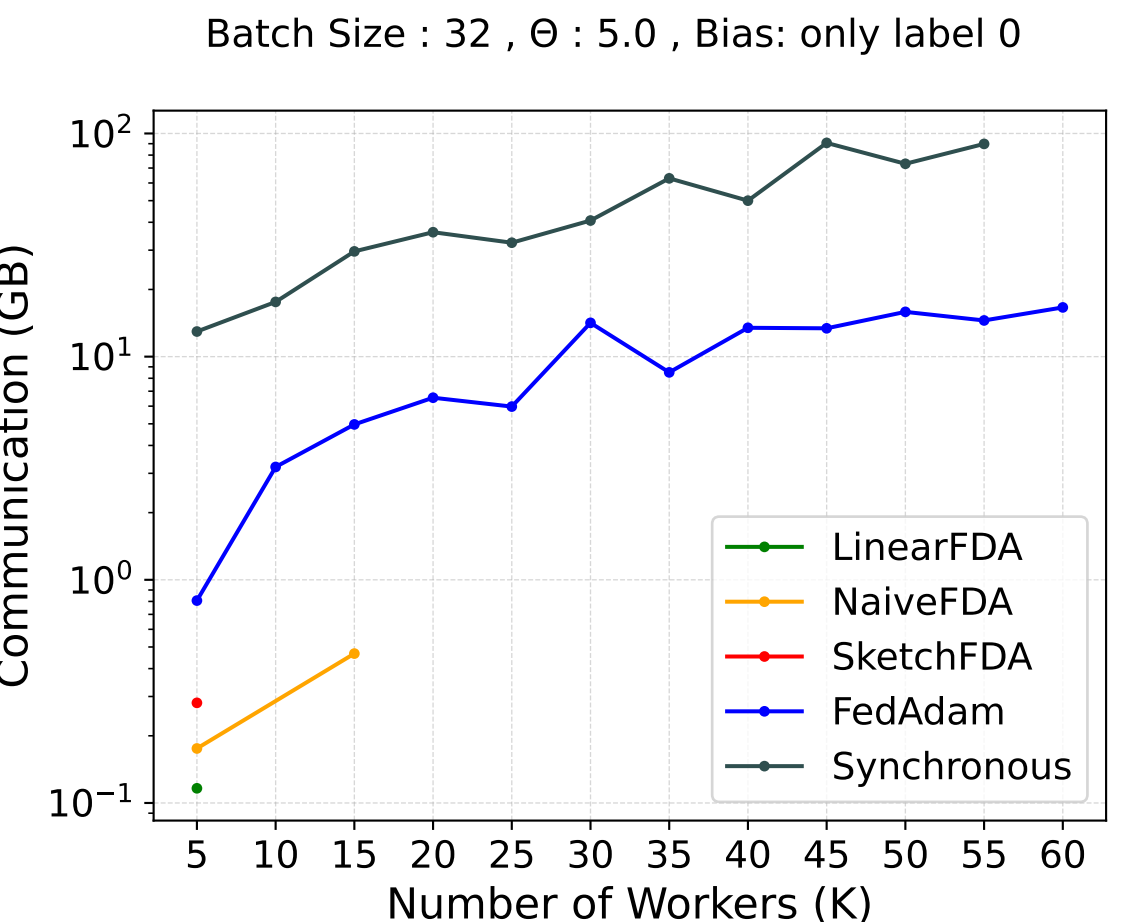
Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous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Communication (GB)
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$10^1$
$10^0$
$10^{-1}$
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Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
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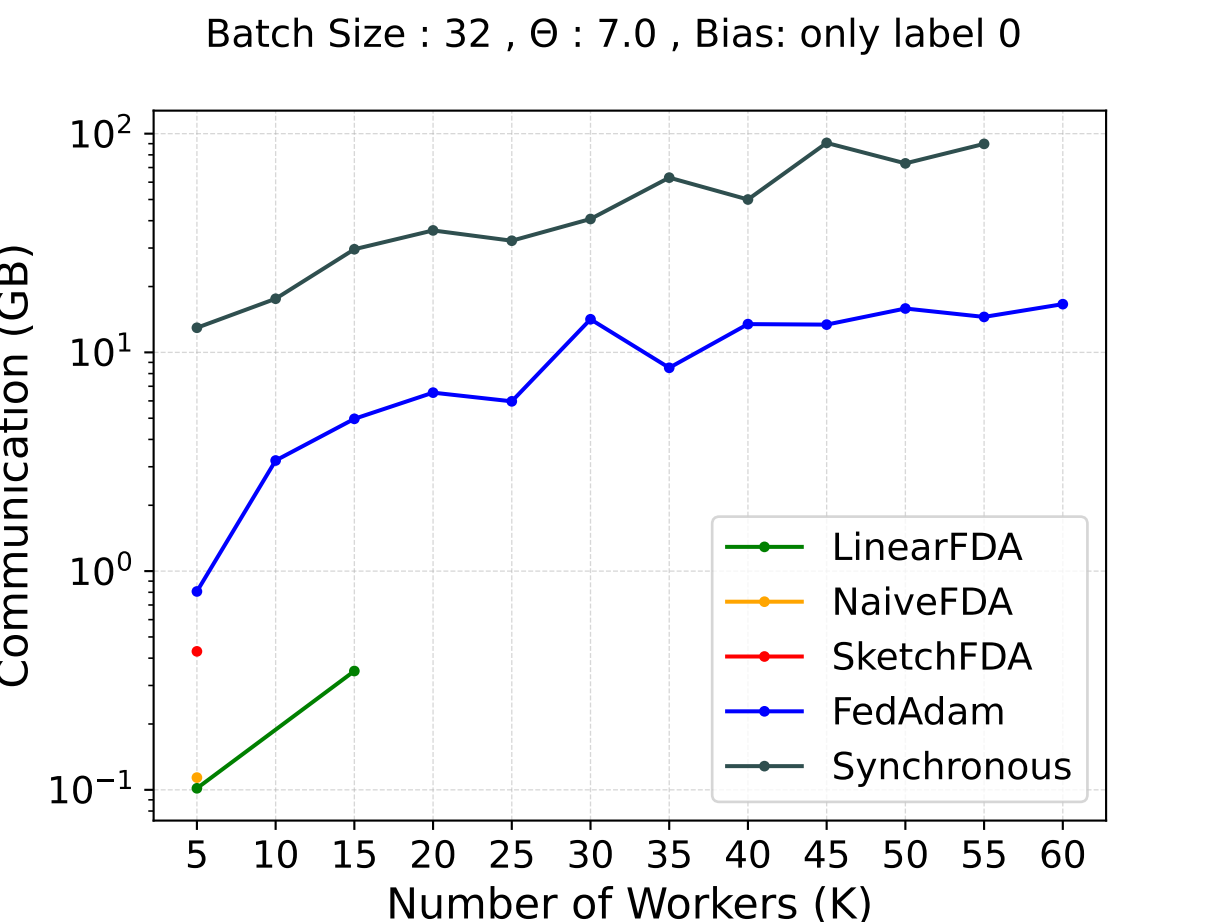
Synchronous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Communication (GB)
$10^2$
$10^1$
$10^0$
$10^{-1}$
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Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
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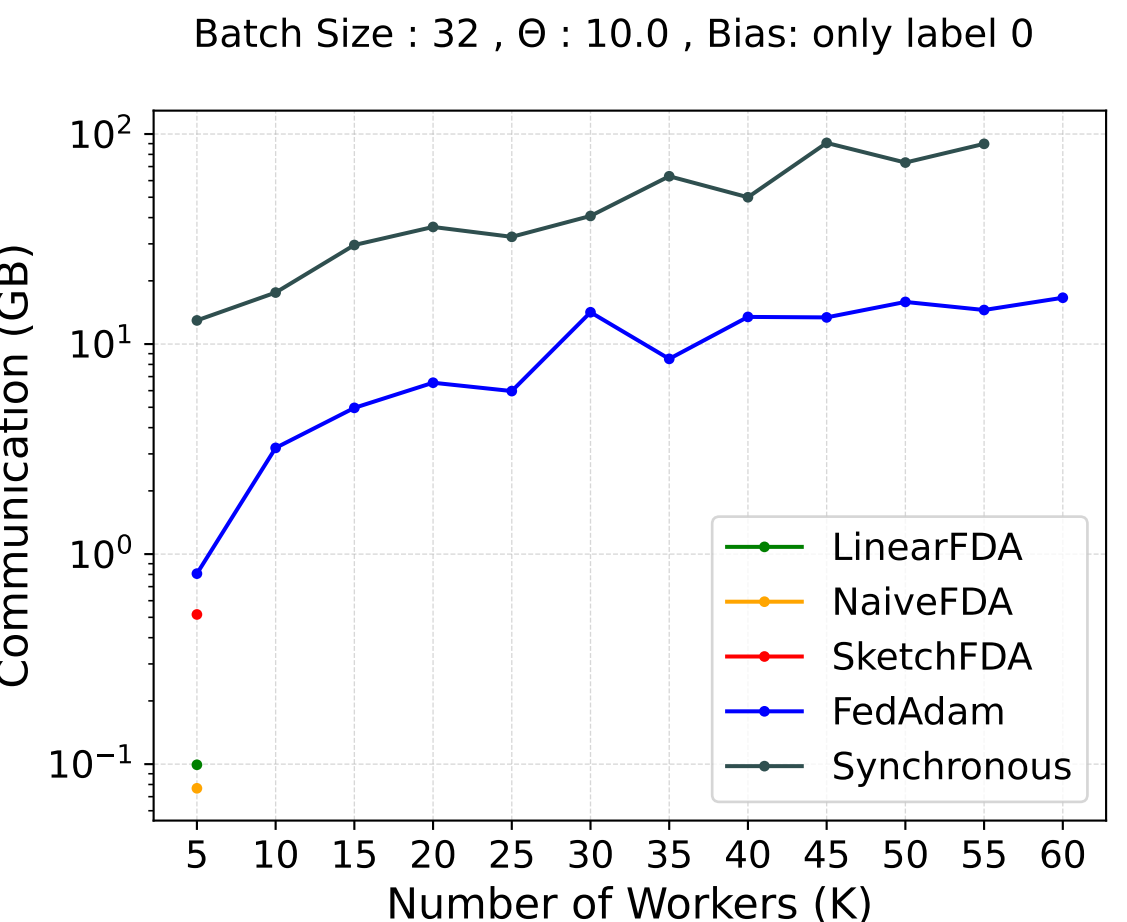
Synchronous


Batch Size : 32 , Θ : 10.0 , Bias: only label 0
Communication (GB)
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$10^0$
$10^{-1}$
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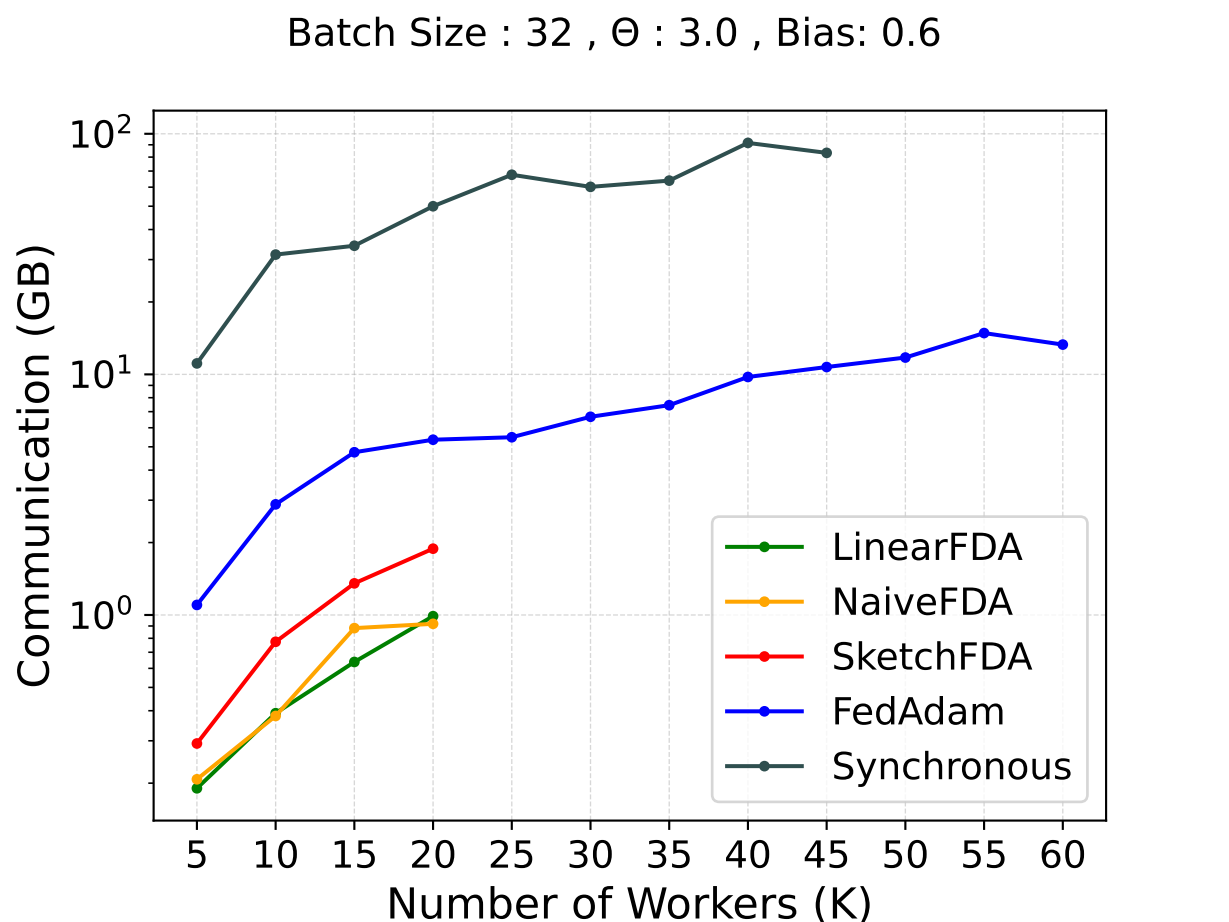
Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous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Communication (GB)
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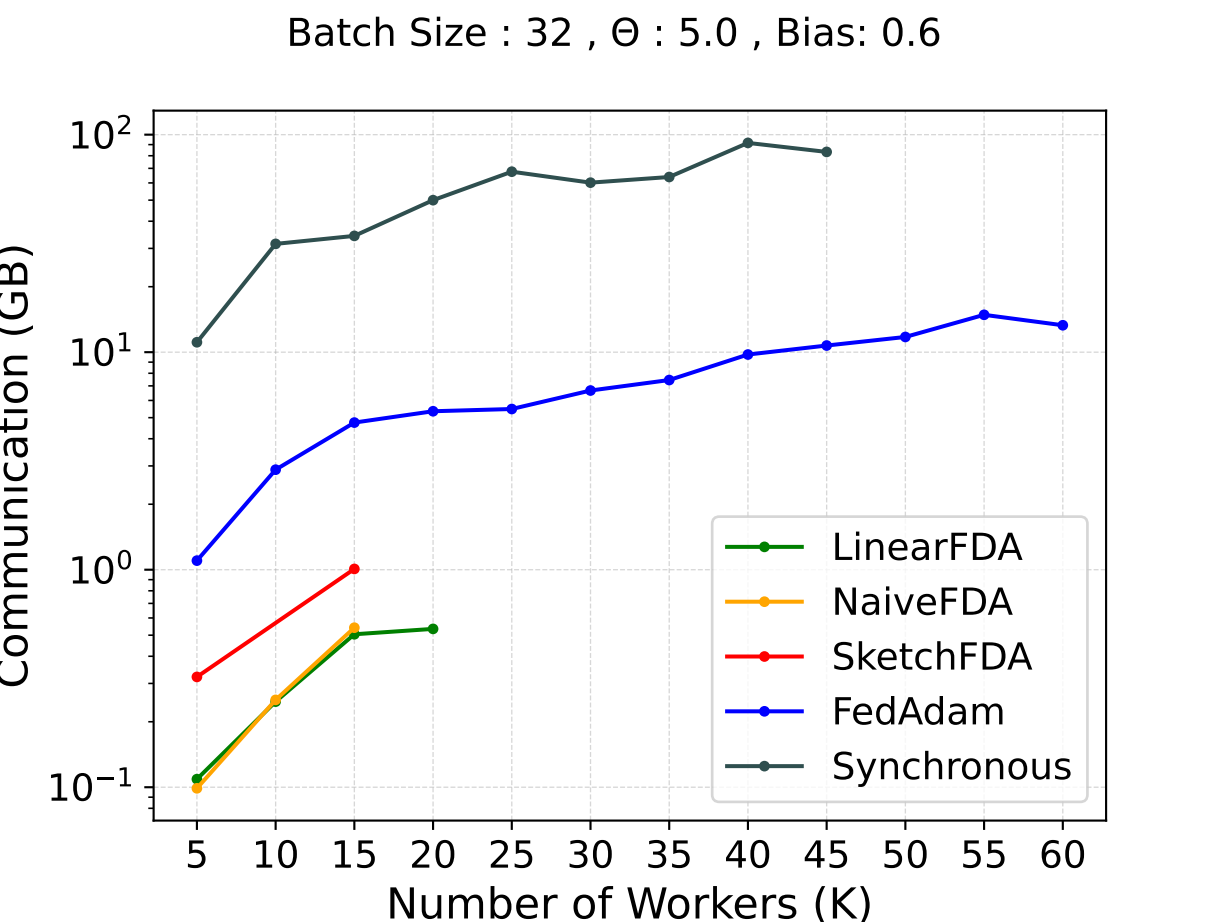
Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous


Batch Size : 32 , Θ : 5.0 , Bias: 0.6
Communication (GB)
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$10^{-1}$
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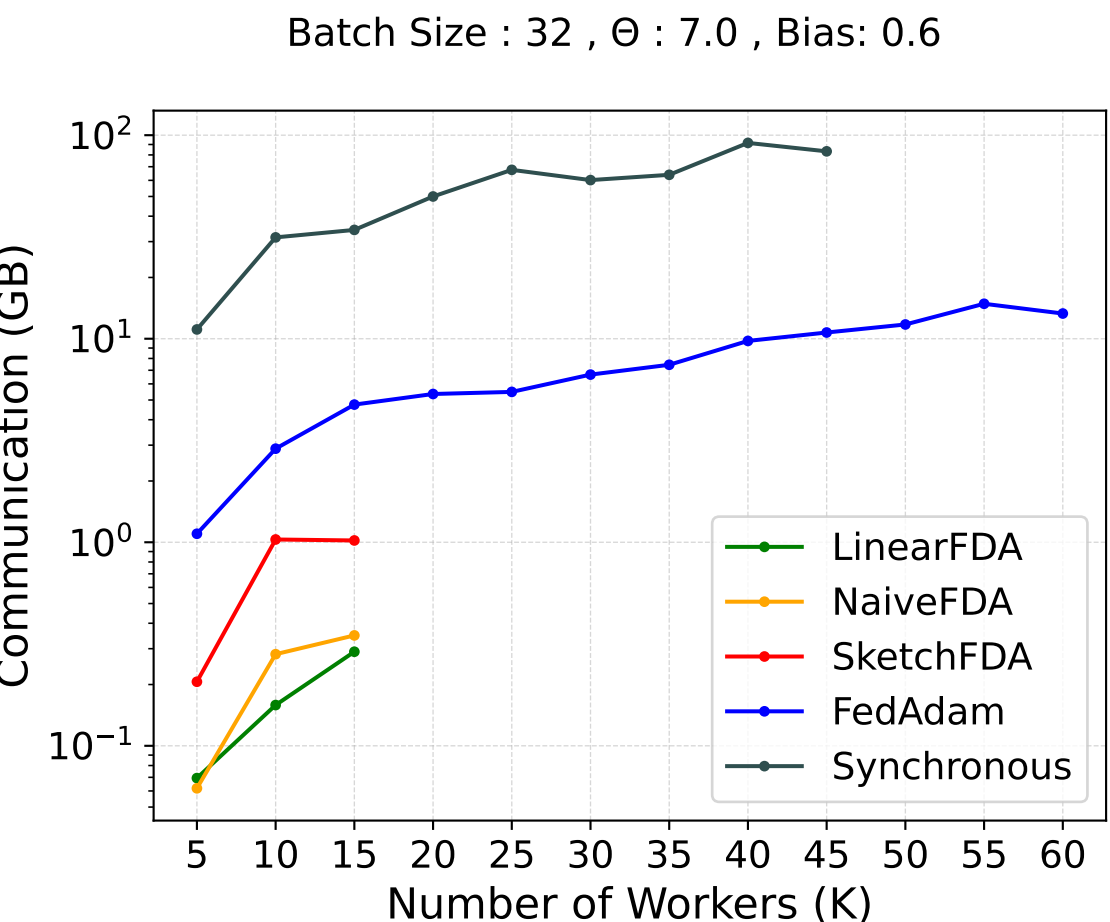
Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous


Batch Size : 32 , Θ : 7.0 , Bias: 0.6
Communication (GB)
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Number of Workers (K)
LinearFDA
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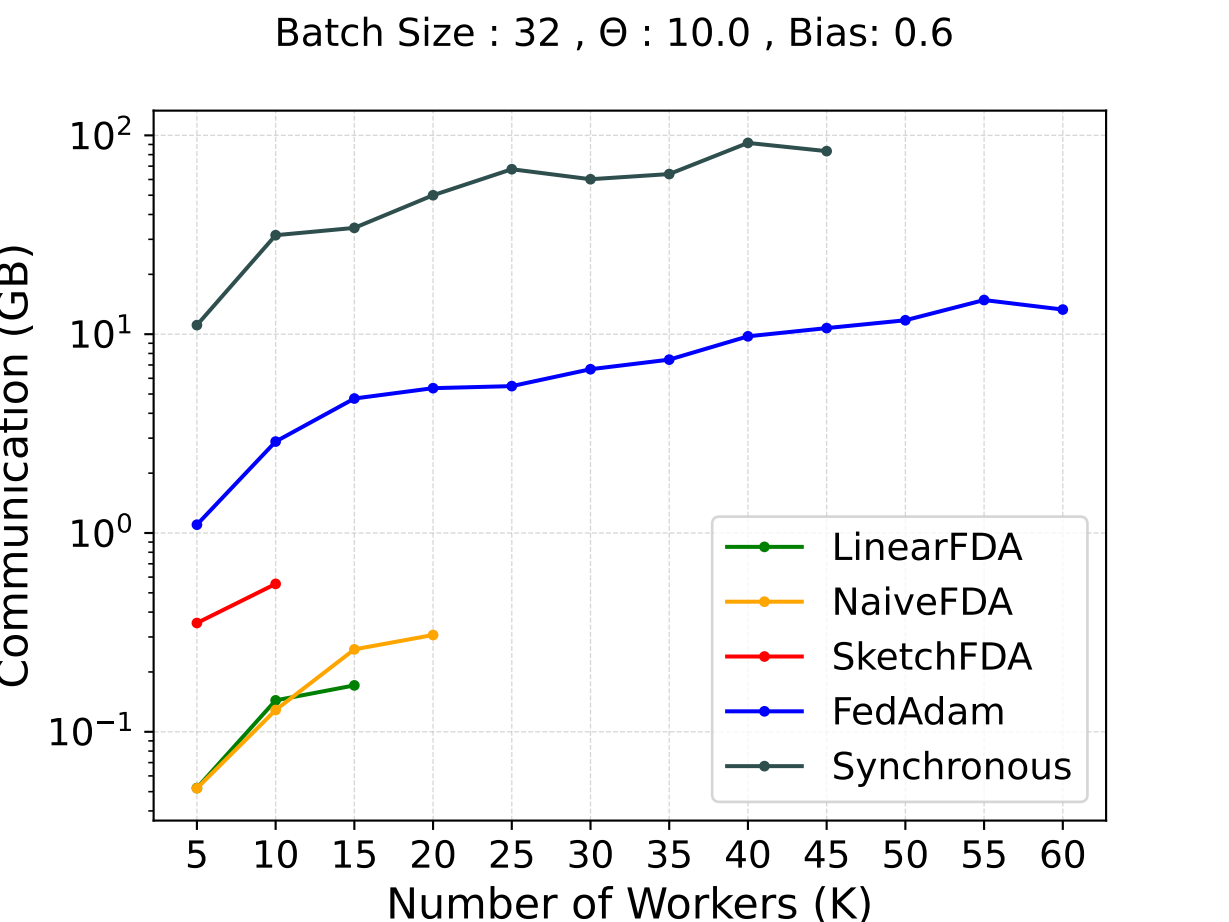
Synchronous


Batch Size : 32 , Θ : 10.0 , Bias: 0.6
Communication (GB)
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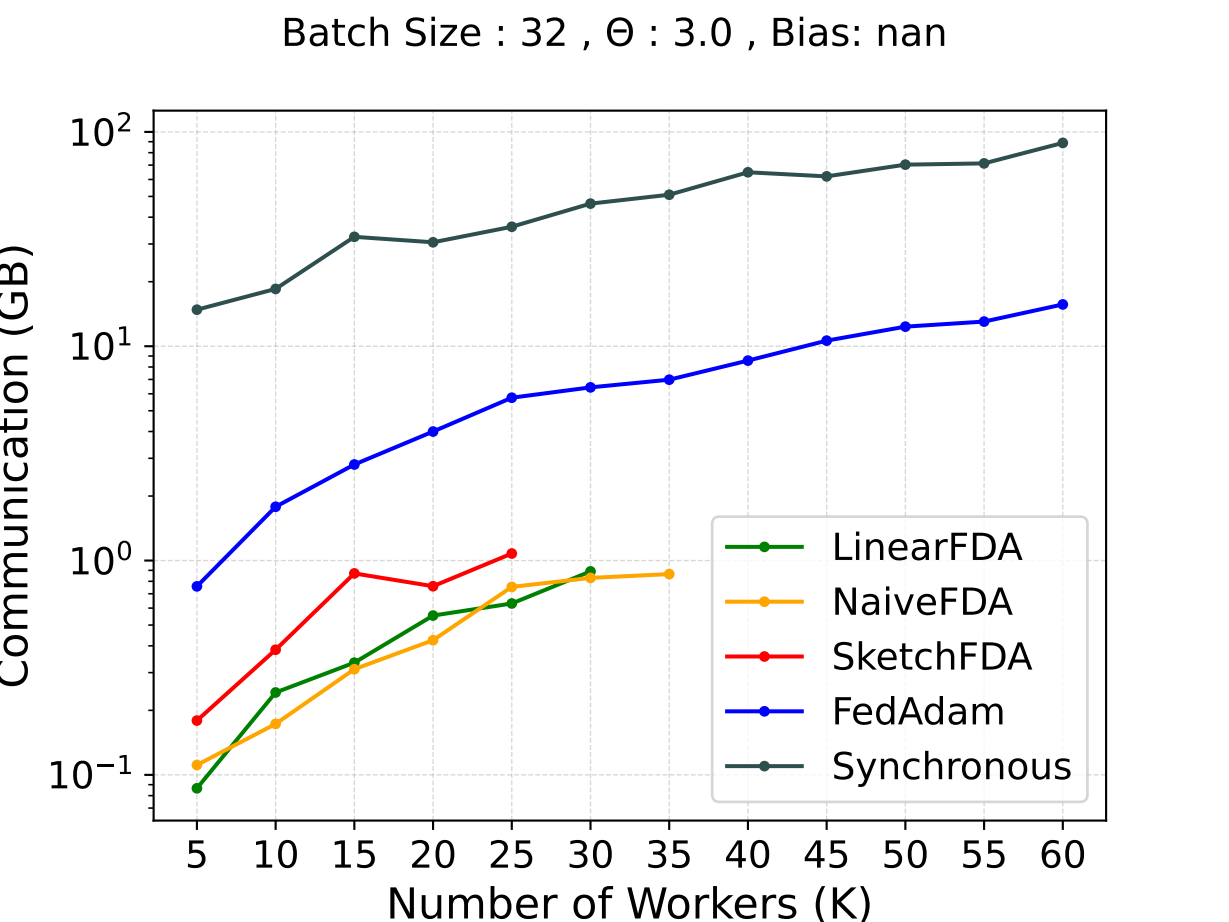
Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous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Communication (GB)
$10^2$
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$10^0$
$10^{-1}$
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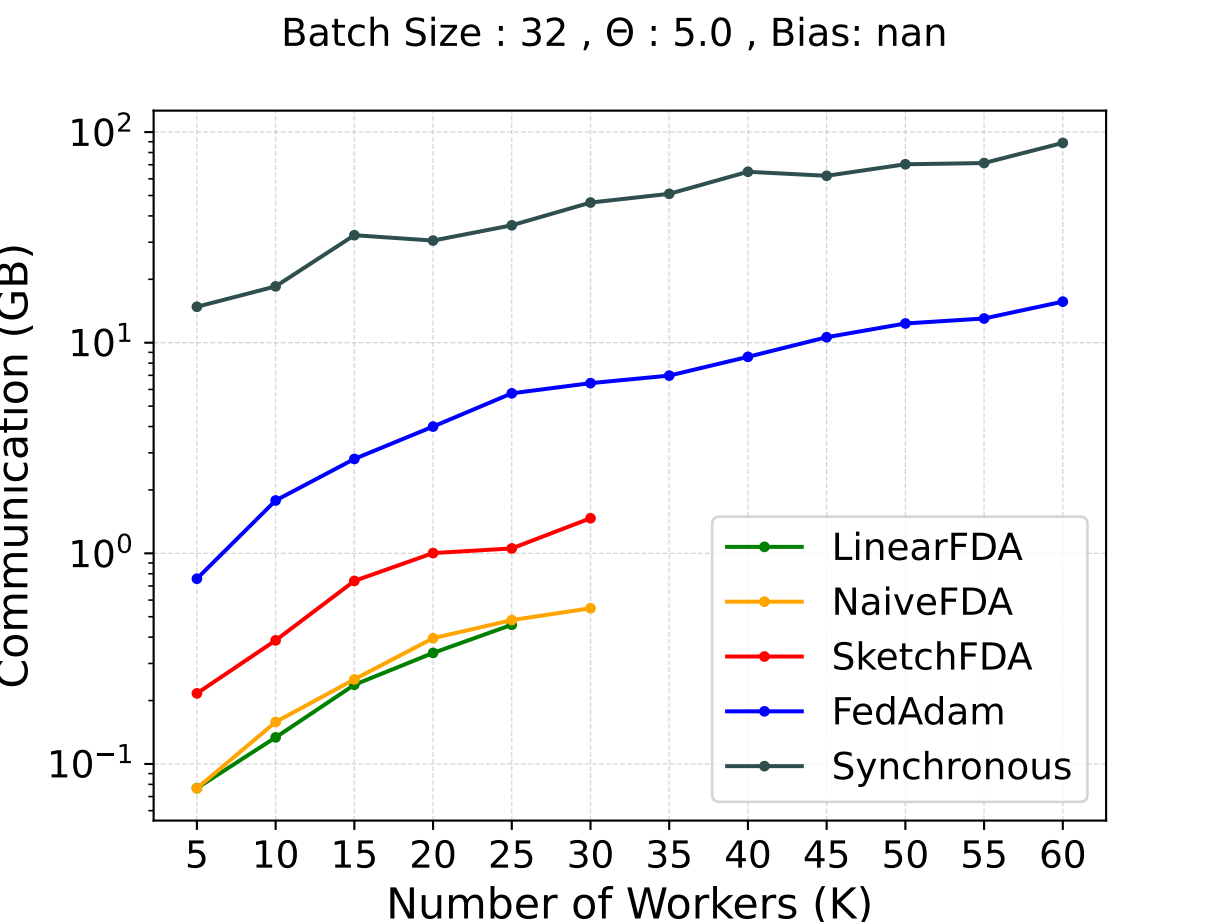
Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous


Batch Size : 32 , Θ : 5.0 , Bias: nan
Communication (GB)
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$10^{-1}$
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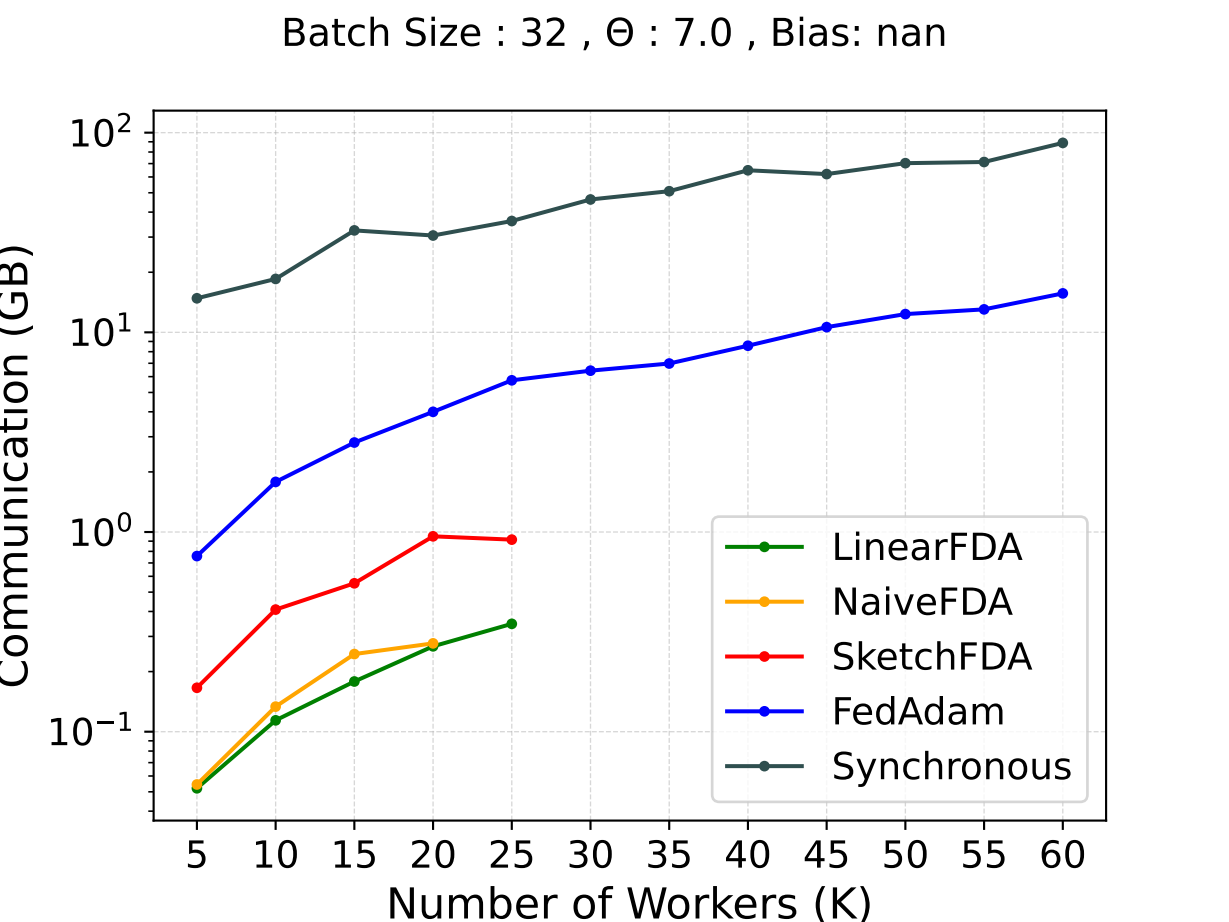
Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous


Batch Size : 32 , Θ : 7.0 , Bias: nan
Communication (GB)
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$10^0$
$10^{-1}$
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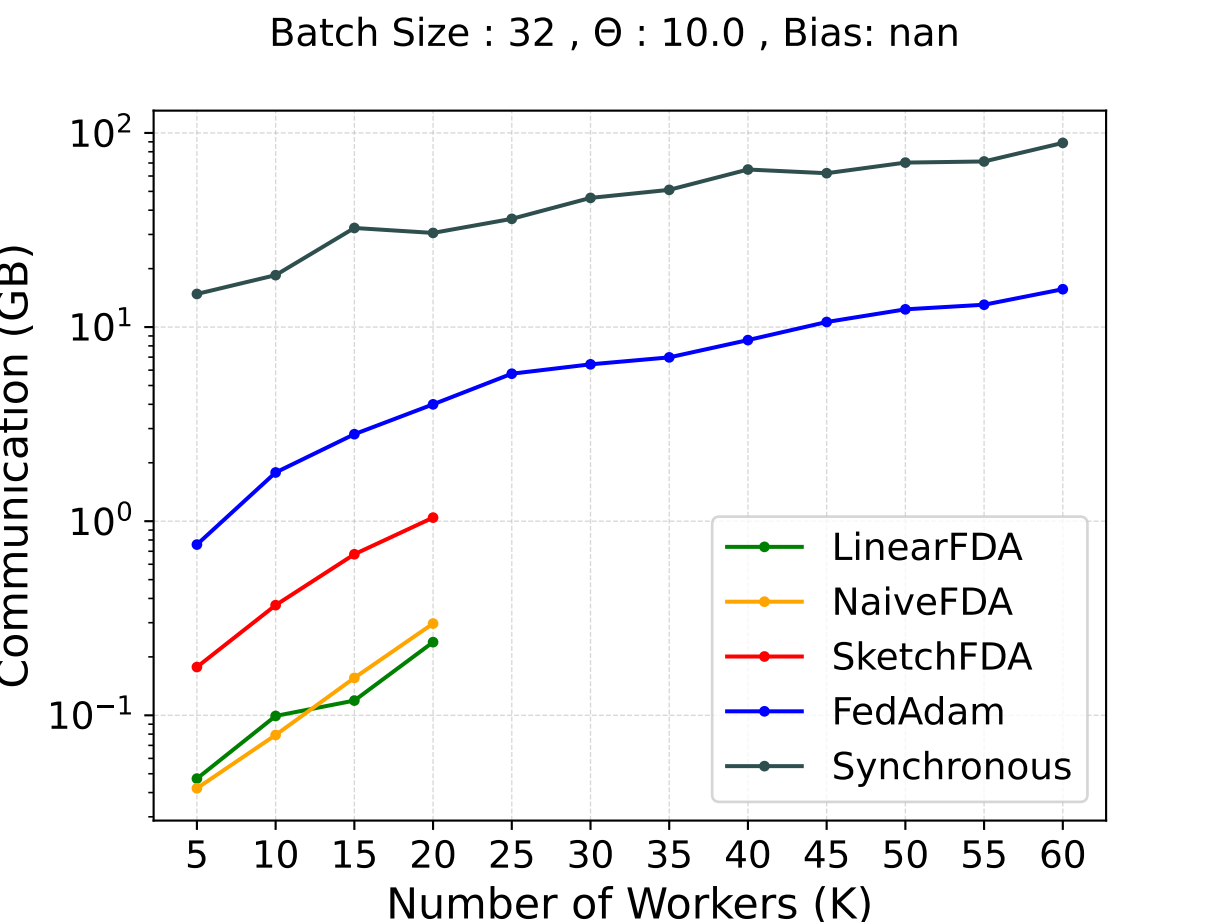
Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous


Batch Size : 32 , Θ : 10.0 , Bias: nan
Communication (GB)
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$10^1$
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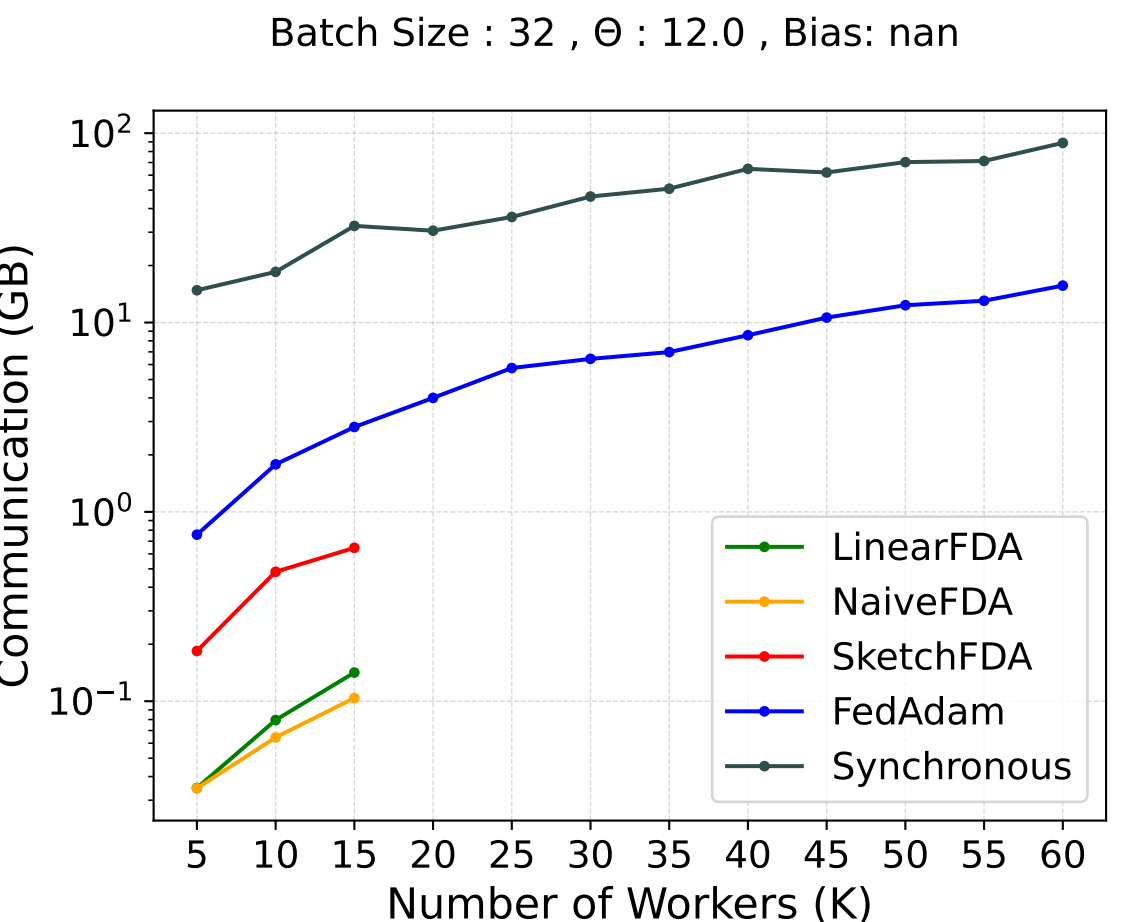
Number of Workers (K)
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous


Batch Size : 32 , Θ : 12.0 , Bias: nan
Communication (GB)
$10^2$
$10^1$
$10^0$
$10^{-1}$
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous
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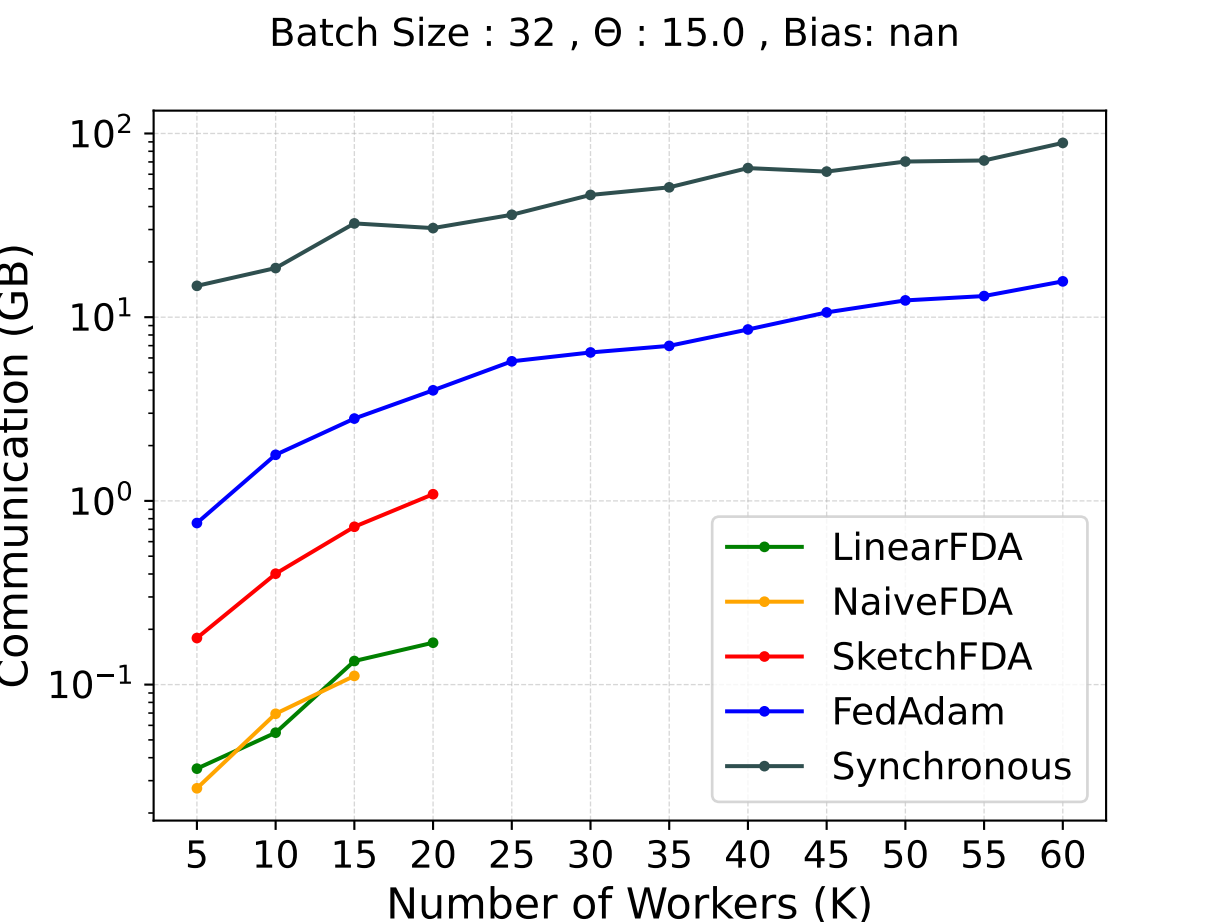
Number of Workers (K)


Batch Size : 32 , Θ : 15.0 , Bias: nan
Communication (GB)
$10^2$
$10^1$
$10^0$
$10^{-1}$
LinearFDA
NaiveFDA
SketchFDA
FedAdam
Synchronous
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Number of Workers (K)