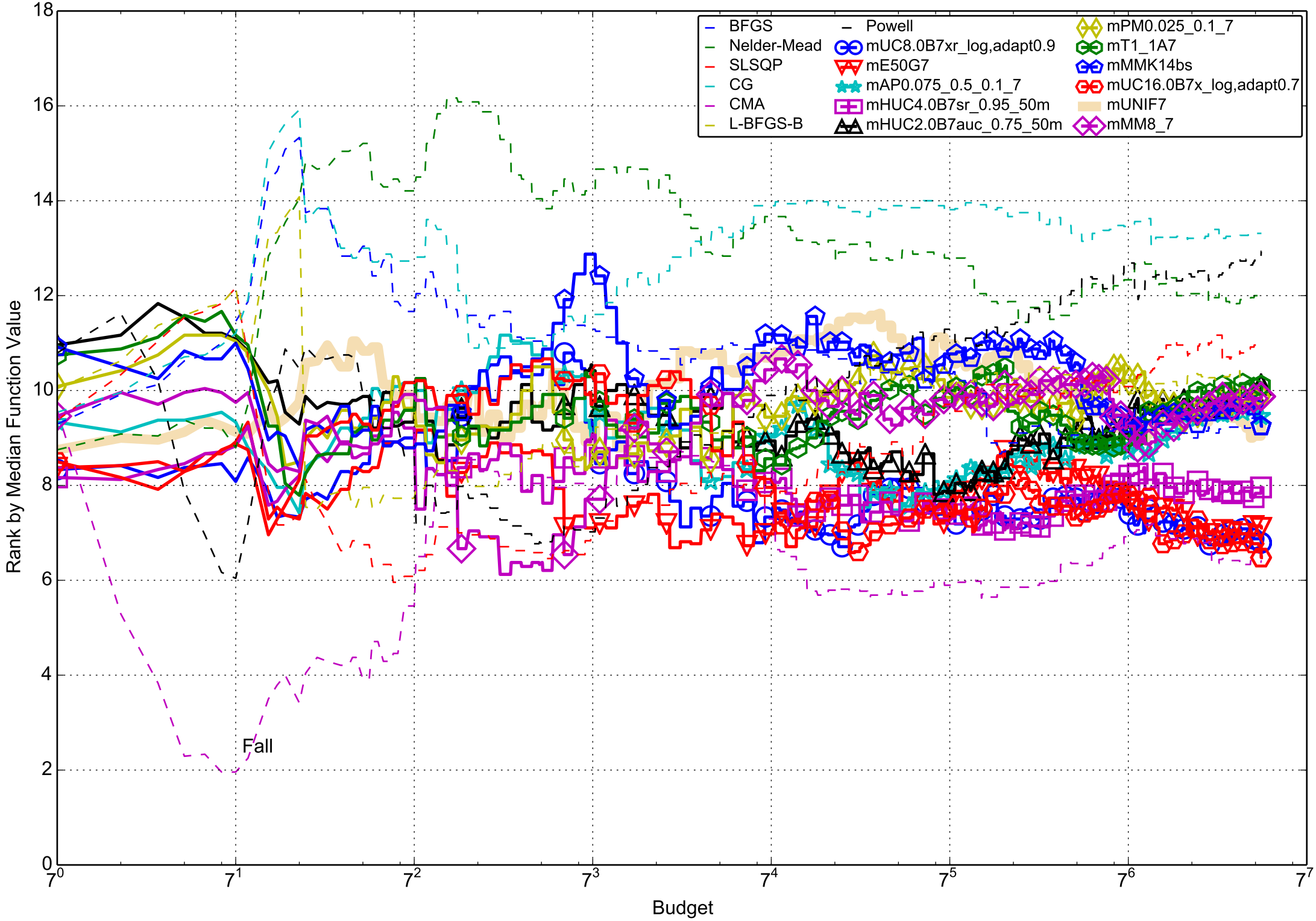
BFGS
Nelder-Mead
SLSQP
CG
CMA
L-BFGS-B
Powell
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mAP0.075_0.5_0.1_7
mHUC4.0B7sr_0.95_50m
mHUC2.0B7auc_0.75_50m
mPM0.025_0.1_7
mT1_1A7
mMMK14bs
mUC16.0B7x_log,adapt0.7
mUNIF7
mMM8_7
Fall
Rank by Median Function Value
Budget
0
2
4
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14
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7^3
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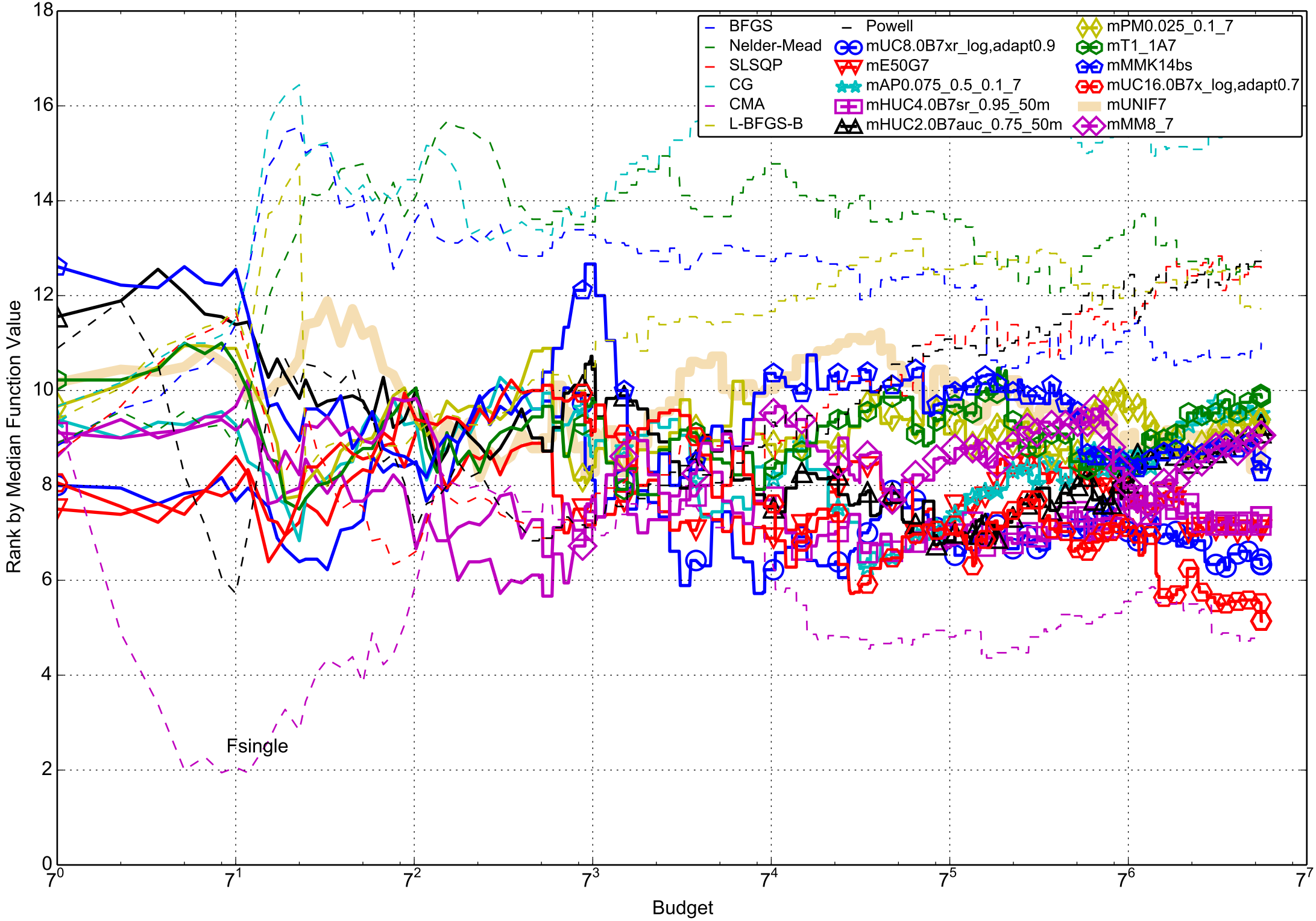
7^7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Nelder-Mead
SLSQP
CG
CMA
L-BFGS-B
Powell
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mAP0.075_0.5_0.1_7
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mHUC2.0B7auc_0.75_50m
mPM0.025_0.1_7
mT1_1A7
mMMK14bs
mUC16.0B7x_log,adapt0.7
mUNIF7
mMM8_7
Fsingle
Rank by Median Function Value
Budget
0
2
4
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14
16
18
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7^1
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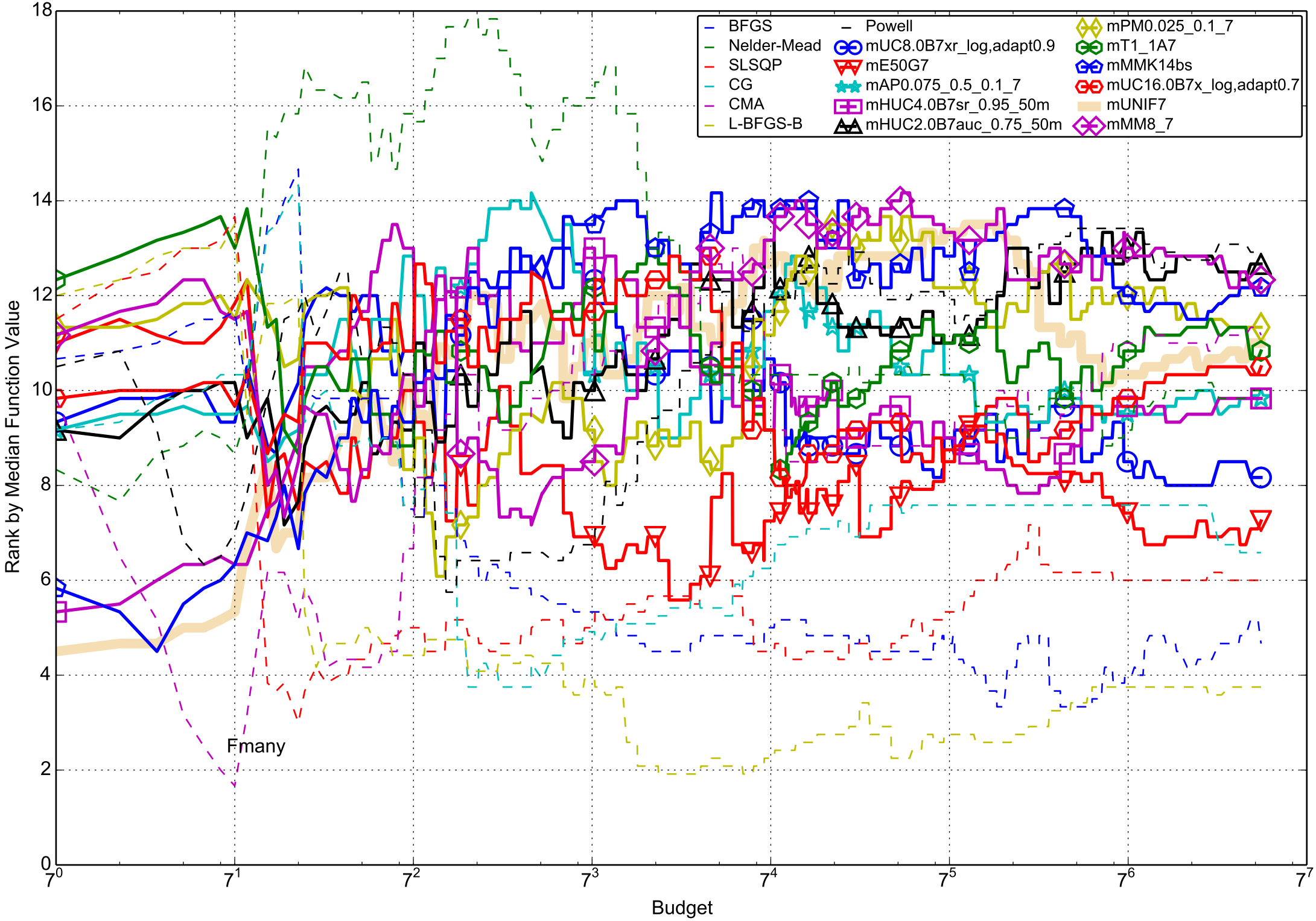
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Nelder-Mead
SLSQP
CG
CMA
L-BFGS-B
Powell
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mHUC2.0B7auc_0.75_50m
mPM0.025_0.1_7
mT1_1A7
mMMK14bs
mUC16.0B7x_log,adapt0.7
mUNIF7
mMM8_7
Fmany
Rank by Median Function Value
Budget
0
2
4
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14
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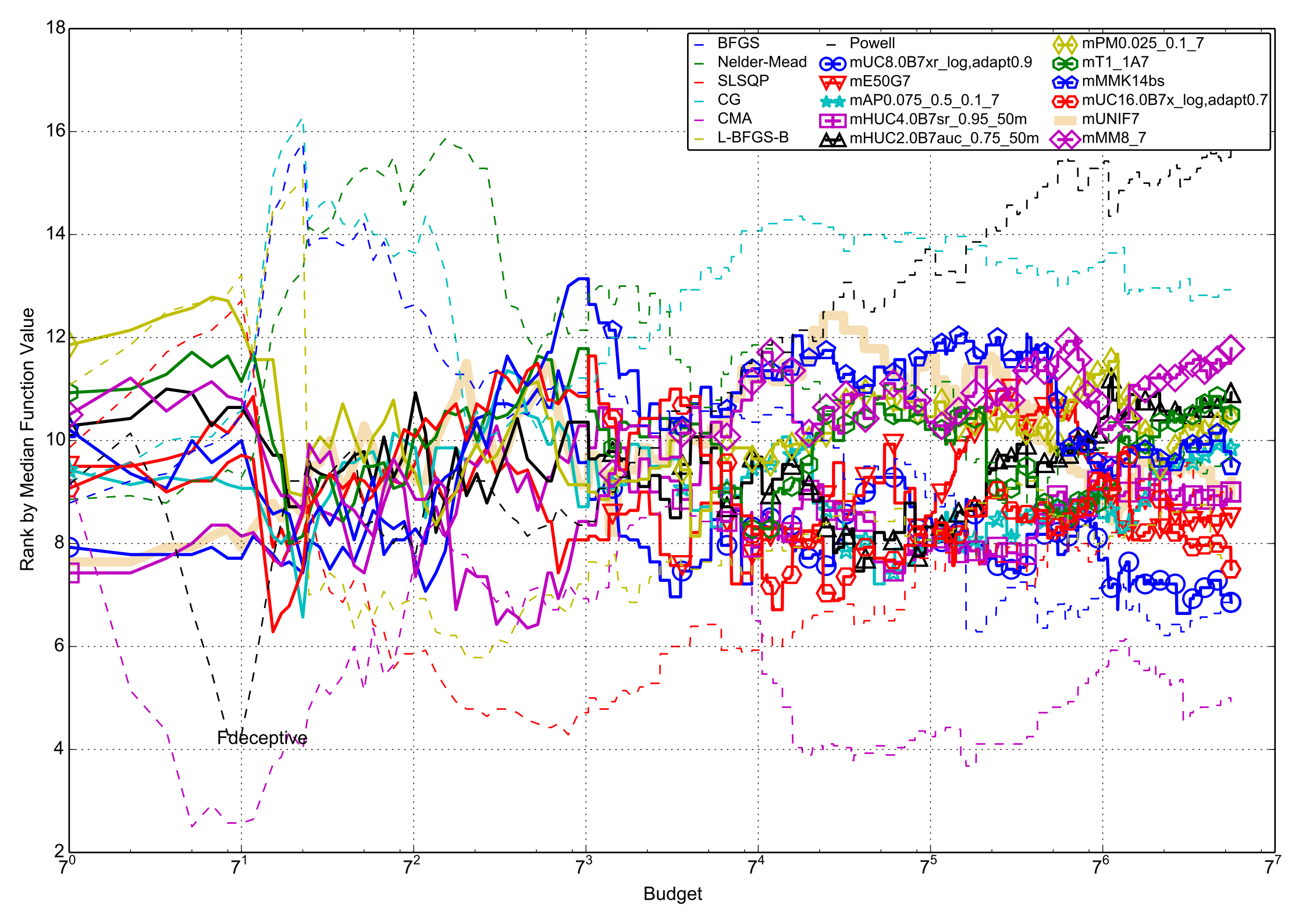
7^7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Nelder-Mead
SLSQP
CG
CMA
L-BFGS-B
Powell
mUC8.0B7xr_log,adapt0.9
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mAP0.075_0.5_0.1_7
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mHUC2.0B7auc_0.75_50m
mPM0.025_0.1_7
mT1_1A7
mMMK14bs
mUC16.0B7x_log,adapt0.7
mUNIF7
mMM8_7
Fdeceptive
Rank by Median Function Value
Budget
18
16
14
12
10
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6
4
2
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7^1
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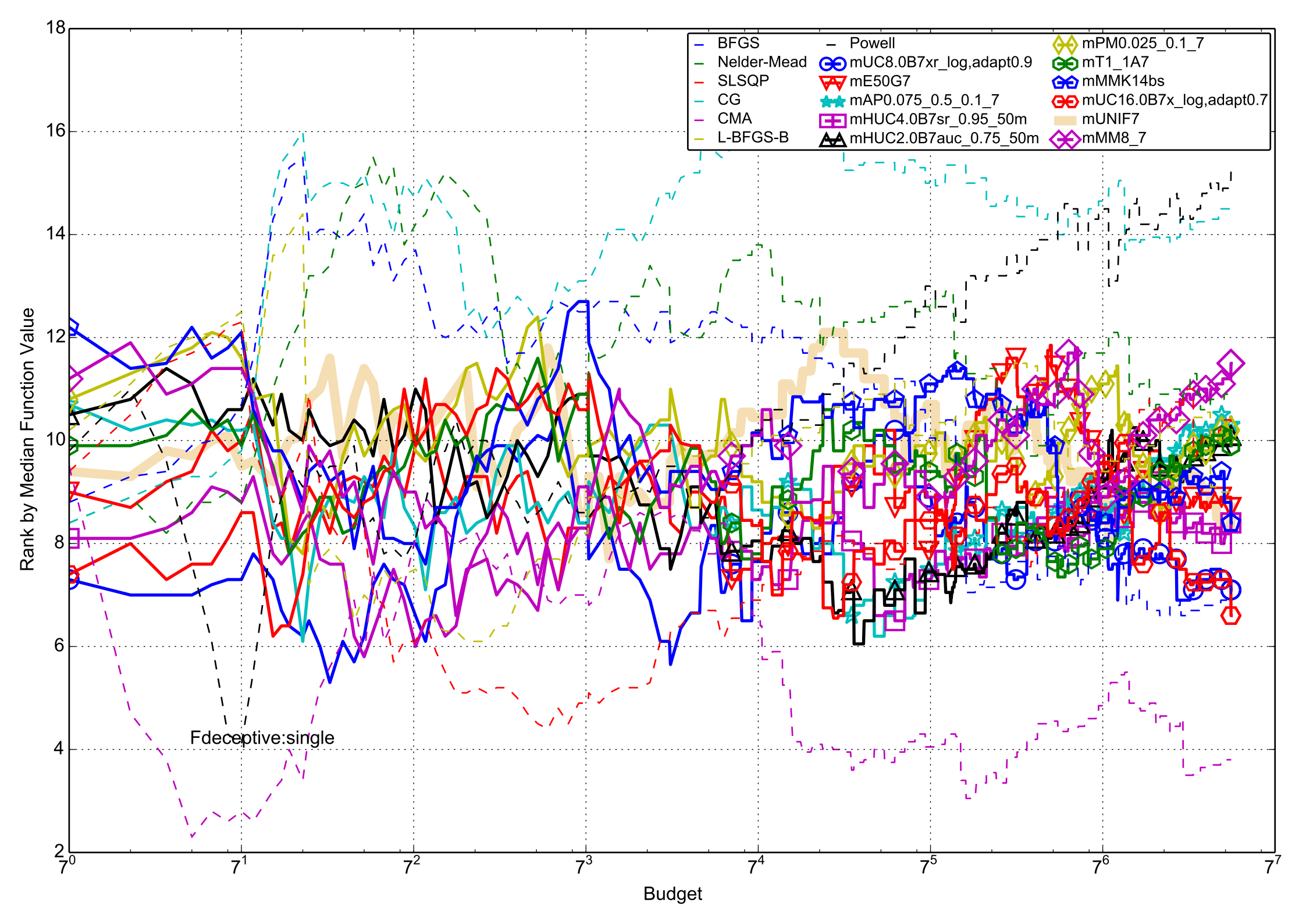
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Nelder-Mead
SLSQP
CG
CMA
L-BFGS-B
Powell
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mPM0.025_0.1_7
mT1_1A7
mMMK14bs
mUC16.0B7x_log,adapt0.7
mUNIF7
mMM8_7
Fdeceptive:single
Rank by Median Function Value
Budget
18
16
14
12
10
8
6
4
2
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7^1
7^2
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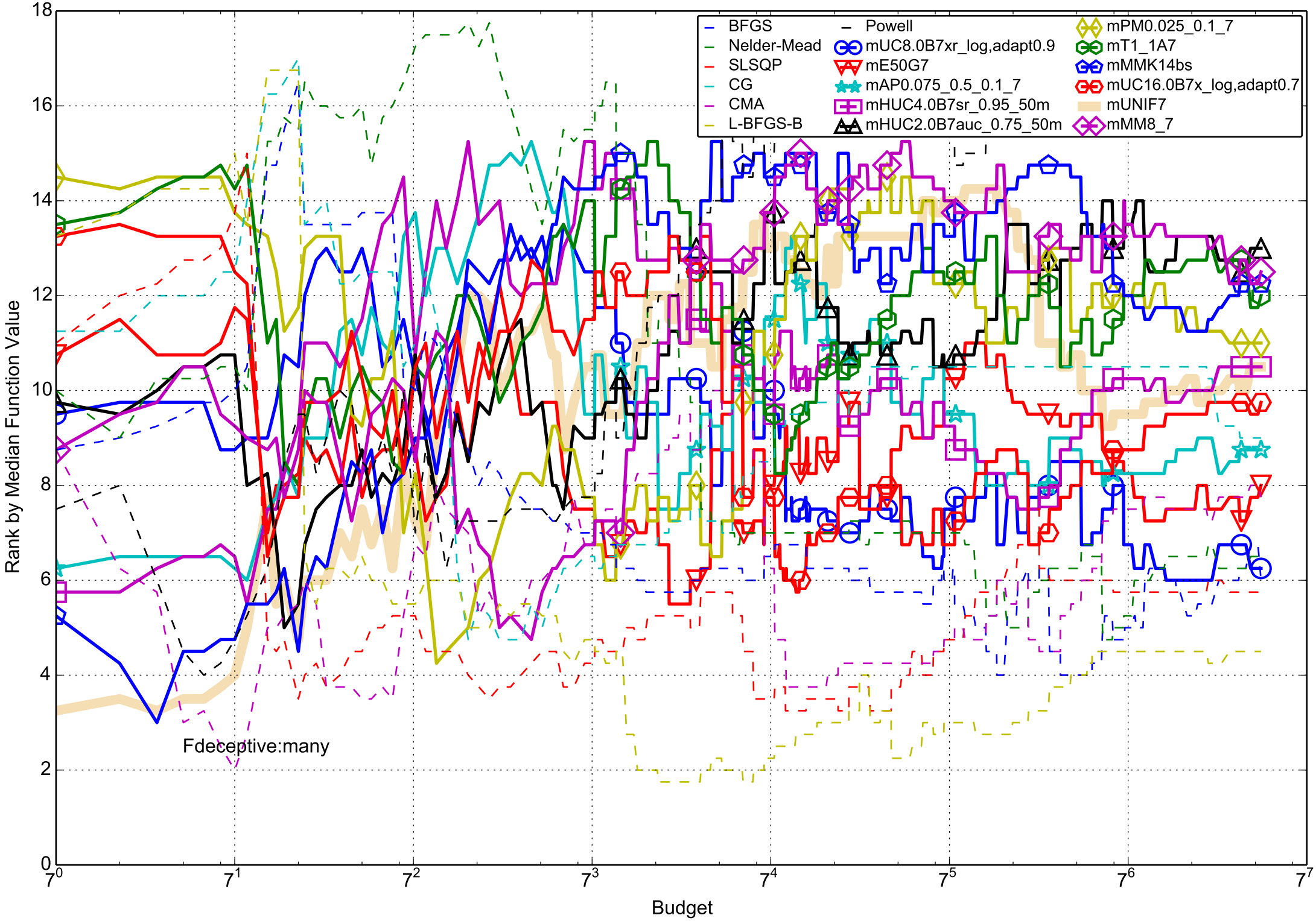
7^7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SLSQP
CG
CMA
L-BFGS-B
Powell
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mE50G7
mAP0.075_0.5_0.1_7
mHUC4.0B7sr_0.95_50m
mHUC2.0B7auc_0.75_50m
mPM0.025_0.1_7
mT1_1A7
mMMK14bs
mUC16.0B7x_log,adapt0.7
mUNIF7
mMM8_7
Fdeceptive:many
Rank by Median Function Value
Budget
0
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7^0
7^1
7^2
7^3
7^4
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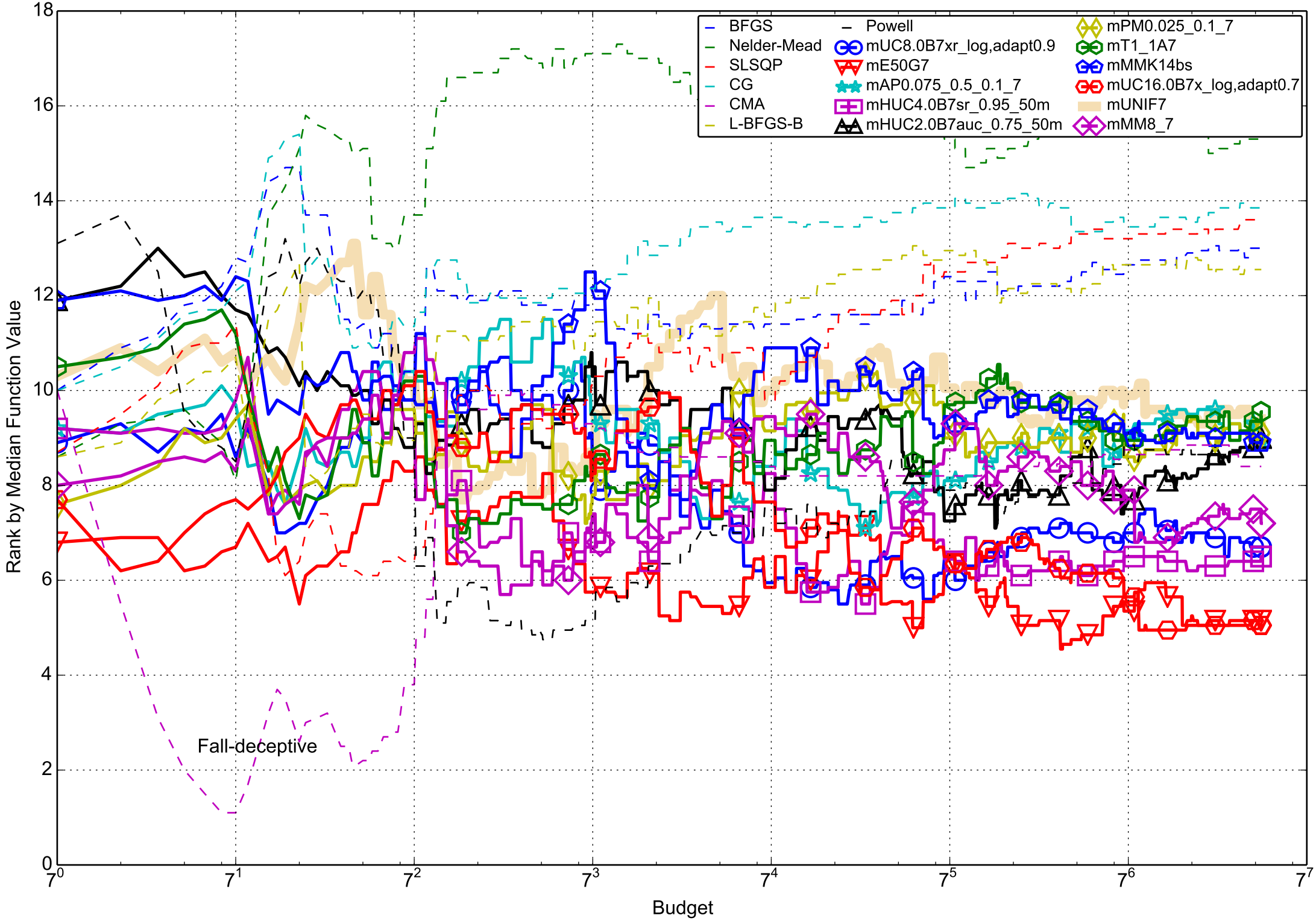
7^6
7^7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Nelder-Mead
SLSQP
CG
CMA
L-BFGS-B
Powell
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mAP0.075_0.5_0.1_7
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mHUC2.0B7auc_0.75_50m
mPM0.025_0.1_7
mT1_1A7
mMMK14bs
mUC16.0B7x_log,adapt0.7
mUNIF7
mMM8_7
Fall-deceptive
Rank by Median Function Value
Budget
0
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7^0
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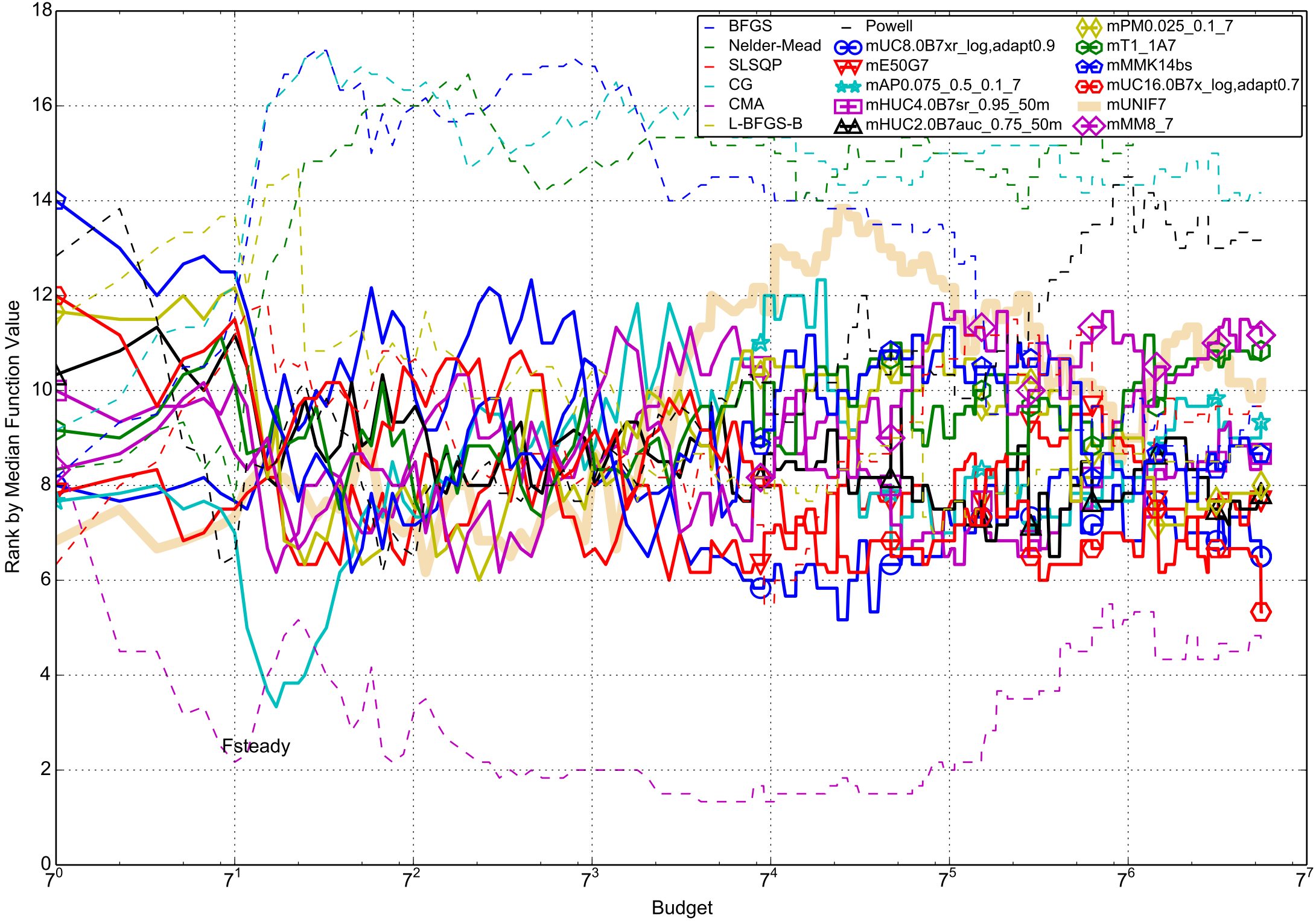
7^7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Nelder-Mead
SLSQP
CG
CMA
L-BFGS-B
Powell
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mHUC2.0B7auc_0.75_50m
mPM0.025_0.1_7
mT1_1A7
mMMK14bs
mUC16.0B7x_log,adapt0.7
mUNIF7
mMM8_7
Fsteady
Rank by Median Function Value
Budget
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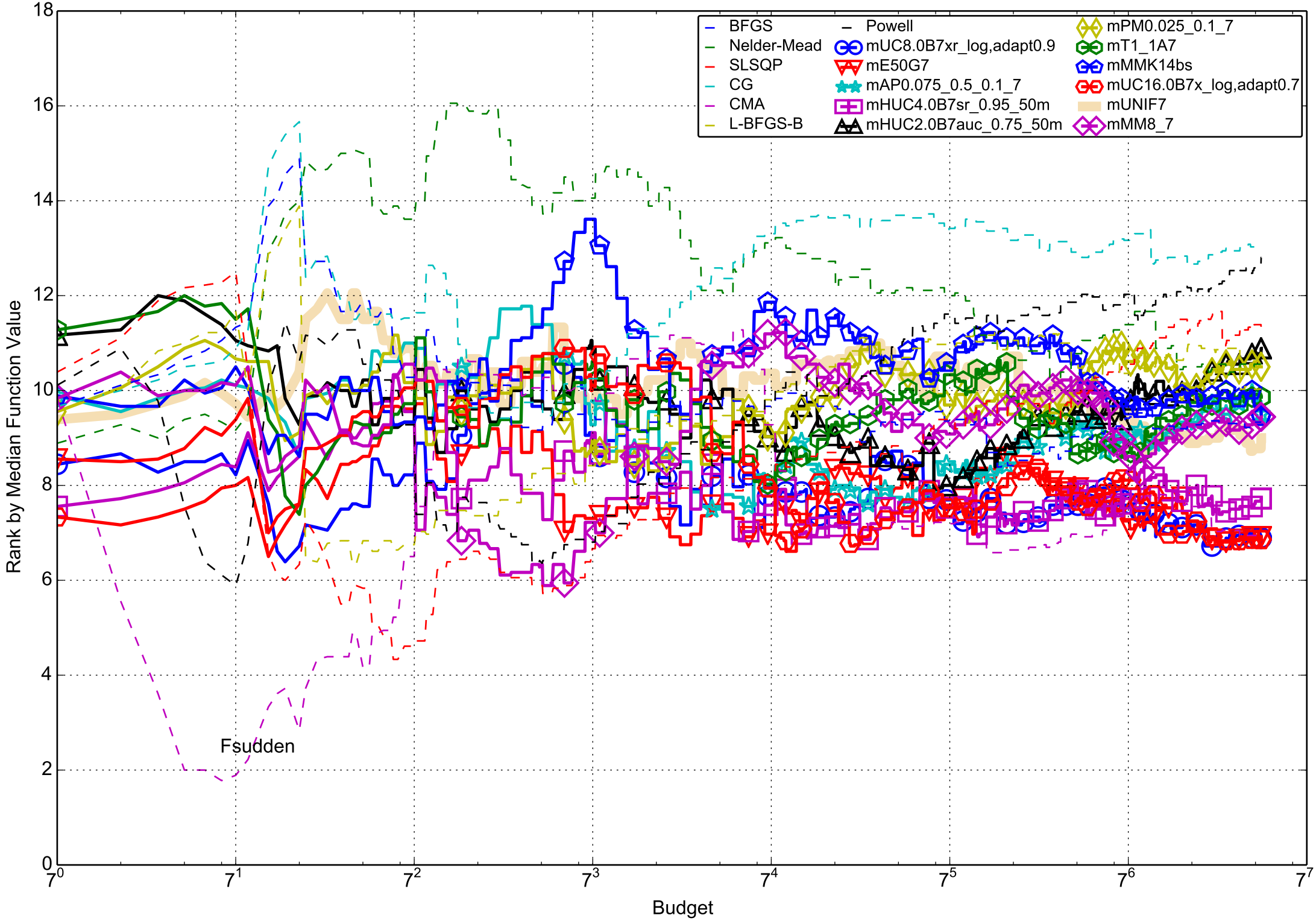
BFGS
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CMA
L-BFGS-B
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mUNIF7
mMM8_7
Fsudden
Rank by Median Function Value
Budget
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