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=====
== Running noise 1 == N_count 1 ===== trial 1 =====
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```
Method: Proximal
Wilcoxon Error: 1.8412e-05 |log error: -1.0692
Elapsed time: 1.0346 |Total Iteration: 38
```

```
Method: LSR1
Wilcoxon Error: 1.841e-05 |log error: -1.0693
Elapsed time: 26.0016 |Total Iteration: 200
```

```
Method: LBFGS
Wilcoxon Error: 1.8374e-05 |log error: -1.0703
Elapsed time: 14.1549 |Total Iteration: 89
```

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=====
== Running noise 1 == N_count 2 ===== trial 1 =====
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```
Method: Proximal
Wilcoxon Error: 7.6919e-06 |log error: -1.5056
Elapsed time: 1.633 |Total Iteration: 35
```

```
Method: LSR1
Wilcoxon Error: 7.6232e-06 |log error: -1.5101
Elapsed time: 26.2152 |Total Iteration: 157
```

```
Method: LBFGS
Wilcoxon Error: 7.705e-06 |log error: -1.5048
Elapsed time: 12.9373 |Total Iteration: 60
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=====
== Running noise 1 == N_count 3 ===== trial 1 =====
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```
Method: Proximal
Wilcoxon Error: 5.8549e-06 |log error: -1.6421
Elapsed time: 2.2253 |Total Iteration: 33
```

```
Method: LSR1
Wilcoxon Error: 5.8319e-06 |log error: -1.6441
Elapsed time: 9.7696 |Total Iteration: 31
```

```
Method: LBFGS
Wilcoxon Error: 5.8014e-06 |log error: -1.6467
Elapsed time: 11.5409 |Total Iteration: 39
```

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=====
== Running noise 1 == N_count 4 ===== trial 1 =====
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```
Method: Proximal
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Wilcoxon Error: 4.3476e-06 |log error: -1.7909
Elapsed time: 2.8081 |Total Iteration: 31

Method: LSR1
Wilcoxon Error: 4.3198e-06 |log error: -1.7941
Elapsed time: 44.4623 |Total Iteration: 186

Method: LBFGS
Wilcoxon Error: 4.3406e-06 |log error: -1.7917
Elapsed time: 13.6127 |Total Iteration: 44

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== Running noise 1 ==== N_count 5 ===== trial 1 =====

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Method: Proximal
Wilcoxon Error: 3.3779e-06 |log error: -1.9171
Elapsed time: 3.4398 |Total Iteration: 30

Method: LSR1
Wilcoxon Error: 3.3326e-06 |log error: -1.9238
Elapsed time: 9.867 |Total Iteration: 25

Method: LBFGS
Wilcoxon Error: 3.4436e-06 |log error: -1.9075
Elapsed time: 14.652 |Total Iteration: 40

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== Running noise 1 ==== N_count 6 ===== trial 1 =====

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Method: Proximal
Wilcoxon Error: 2.8422e-06 |log error: -2.0034
Elapsed time: 3.9879 |Total Iteration: 29

Method: LSR1
Wilcoxon Error: 2.884e-06 |log error: -1.9961
Elapsed time: 21.3149 |Total Iteration: 59

Method: LBFGS
Wilcoxon Error: 2.8669e-06 |log error: -1.9991
Elapsed time: 16.4669 |Total Iteration: 43

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== Running noise 2 ==== N_count 1 ===== trial 1 =====

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Method: Proximal
Wilcoxon Error: 6.9864e-08 |log error: -3.8563
Elapsed time: 1.0323 |Total Iteration: 40

Method: LSR1

Wilcoxon Error: 7.3143e-08 |log error: -3.8334
Elapsed time: 8.2263 |Total Iteration: 44

Method: LBFGS
Wilcoxon Error: 6.0808e-08 |log error: -3.9257
Elapsed time: 9.5435 |Total Iteration: 50

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== Running noise 2 == N_count 2 ===== trial 1 =====

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Method: Proximal
Wilcoxon Error: 3.01e-08 |log error: -4.2773
Elapsed time: 1.8119 |Total Iteration: 38

Method: LSR1
Wilcoxon Error: 2.9736e-08 |log error: -4.2834
Elapsed time: 9.429 |Total Iteration: 43

Method: LBFGS
Wilcoxon Error: 2.5116e-08 |log error: -4.3679
Elapsed time: 7.8915 |Total Iteration: 36

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== Running noise 2 == N_count 3 ===== trial 1 =====

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Method: Proximal
Wilcoxon Error: 1.9517e-08 |log error: -4.494
Elapsed time: 2.6912 |Total Iteration: 39

Method: LSR1
Wilcoxon Error: 1.5473e-08 |log error: -4.6101
Elapsed time: 9.9222 |Total Iteration: 36

Method: LBFGS
Wilcoxon Error: 2.2479e-08 |log error: -4.4233
Elapsed time: 8.6438 |Total Iteration: 32

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== Running noise 2 == N_count 4 ===== trial 1 =====

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Method: Proximal
Wilcoxon Error: 1.5512e-08 |log error: -4.6088
Elapsed time: 3.054 |Total Iteration: 33

Method: LSR1
Wilcoxon Error: 1.7237e-08 |log error: -4.5561
Elapsed time: 9.2612 |Total Iteration: 35

Method: LBFGS

Wilcoxon Error: 1.5868e-08 |log error: -4.5975
Elapsed time: 8.9991 |Total Iteration: 29

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== Running noise 2 ==== N_count 5 ===== trial 1 =====

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Method: Proximal
Wilcoxon Error: 1.153e-08 |log error: -4.7571
Elapsed time: 4.2819 |Total Iteration: 37

Method: LSR1
Wilcoxon Error: 1.3058e-08 |log error: -4.6949
Elapsed time: 8.9186 |Total Iteration: 29

Method: LBFGS
Wilcoxon Error: 1.1656e-08 |log error: -4.7517
Elapsed time: 8.4713 |Total Iteration: 28

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== Running noise 2 ==== N_count 6 ===== trial 1 =====

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Method: Proximal
Wilcoxon Error: 9.9645e-09 |log error: -4.8301
Elapsed time: 5.2027 |Total Iteration: 36

Method: LSR1
Wilcoxon Error: 8.5856e-09 |log error: -4.9046
Elapsed time: 13.4321 |Total Iteration: 38

Method: LBFGS
Wilcoxon Error: 1.0404e-08 |log error: -4.8085
Elapsed time: 10.5454 |Total Iteration: 28

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== Running noise 3 ==== N_count 1 ===== trial 1 =====

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Method: Proximal
Wilcoxon Error: 3.9023e-08 |log error: -4.1475
Elapsed time: 1.7165 |Total Iteration: 66

Method: LSR1
Wilcoxon Error: 4.0319e-10 |log error: -6.4338
Elapsed time: 7.7537 |Total Iteration: 42

Method: LBFGS
Wilcoxon Error: 3.7897e-10 |log error: -6.4648
Elapsed time: 7.79 |Total Iteration: 42

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== Running noise 3 ==== N_count 2 ===== trial 1 =====

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Method: Proximal
Wilcoxon Error: 6.9504e-09 |log error: -5.0102
Elapsed time: 4.1006 |Total Iteration: 88

Method: LSR1
Wilcoxon Error: 2.56e-10 |log error: -6.6609
Elapsed time: 8.7755 |Total Iteration: 43

Method: LBFGS
Wilcoxon Error: 3.2963e-10 |log error: -6.5345
Elapsed time: 8.5617 |Total Iteration: 42

== Running noise 3 ==== N_count 3 ===== trial 1 =====

Method: Proximal
Wilcoxon Error: 4.1275e-06 |log error: -1.8169
Elapsed time: 3.4453 |Total Iteration: 50

Method: LSR1
Wilcoxon Error: 2.0109e-10 |log error: -6.7816
Elapsed time: 10.7748 |Total Iteration: 46

Method: LBFGS
Wilcoxon Error: 1.0701e-10 |log error: -7.097
Elapsed time: 10.5116 |Total Iteration: 45

== Running noise 3 ==== N_count 4 ===== trial 1 =====

Method: Proximal
Wilcoxon Error: 1.5747e-09 |log error: -5.7526
Elapsed time: 4.738 |Total Iteration: 53

Method: LSR1
Wilcoxon Error: 1.4279e-10 |log error: -6.9528
Elapsed time: 11.2018 |Total Iteration: 42

Method: LBFGS
Wilcoxon Error: 1.0307e-10 |log error: -7.1158
Elapsed time: 11.8573 |Total Iteration: 43

== Running noise 3 ==== N_count 5 ===== trial 1 =====

Method: Proximal
Wilcoxon Error: 1.2725e-09 |log error: -5.8591
Elapsed time: 4.5834 |Total Iteration: 40

Method: LSR1
Wilcoxon Error: $8.113\text{e-}11$ |log error: -7.2355
Elapsed time: 13.175 |Total Iteration: 42

Method: LBFGS
Wilcoxon Error: $9.4534\text{e-}11$ |log error: -7.159
Elapsed time: 12.473 |Total Iteration: 43

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== Running noise 3 ==== N_count 6 ===== trial 1 =====

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Method: Proximal
Wilcoxon Error: $2.798\text{e-}10$ |log error: -6.6164
Elapsed time: 6.2467 |Total Iteration: 45

Method: LSR1
Wilcoxon Error: $7.1551\text{e-}11$ |log error: -7.2983
Elapsed time: 13.6438 |Total Iteration: 43

Method: LBFGS
Wilcoxon Error: $8.1502\text{e-}11$ |log error: -7.2332
Elapsed time: 13.4727 |Total Iteration: 42

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