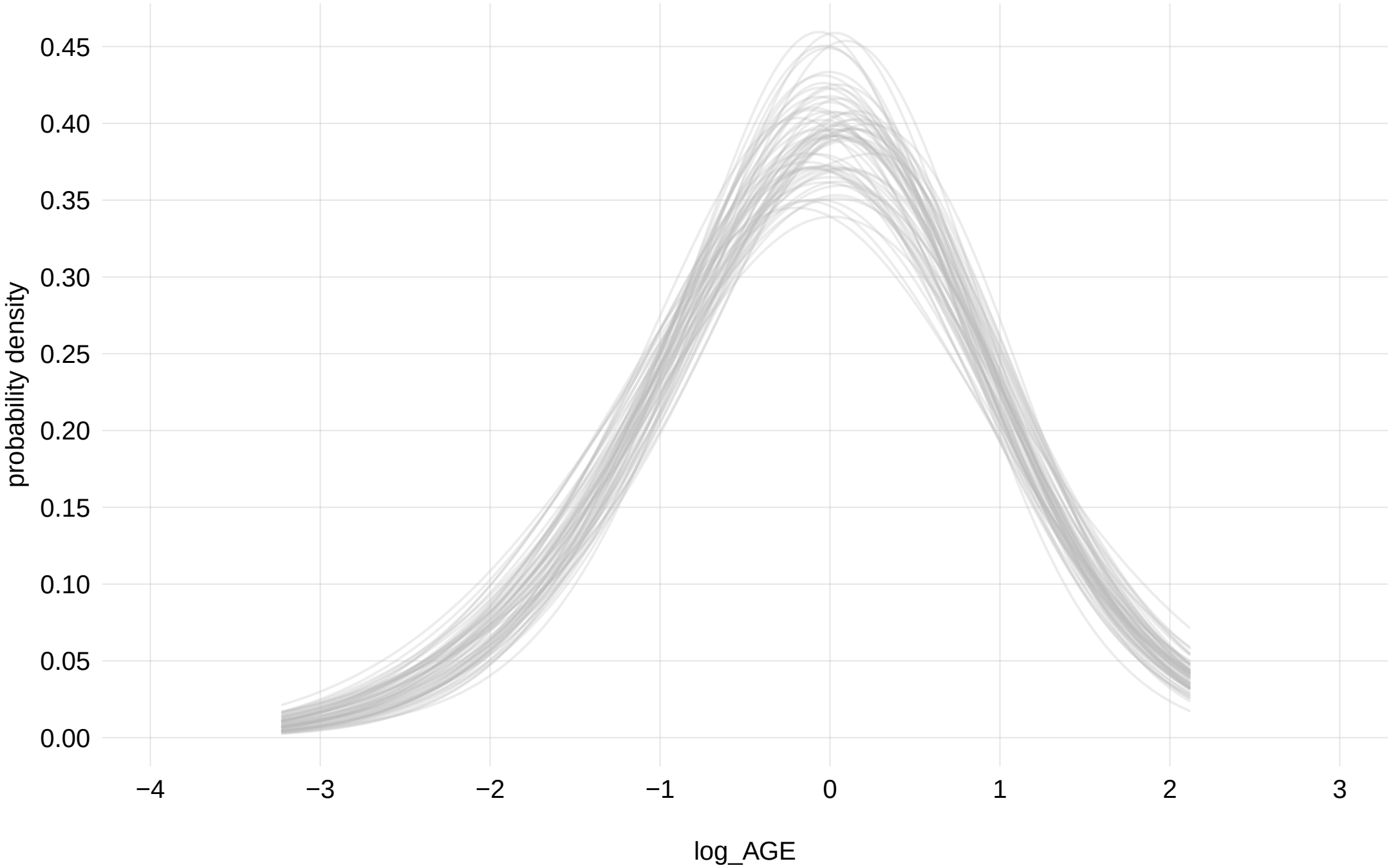
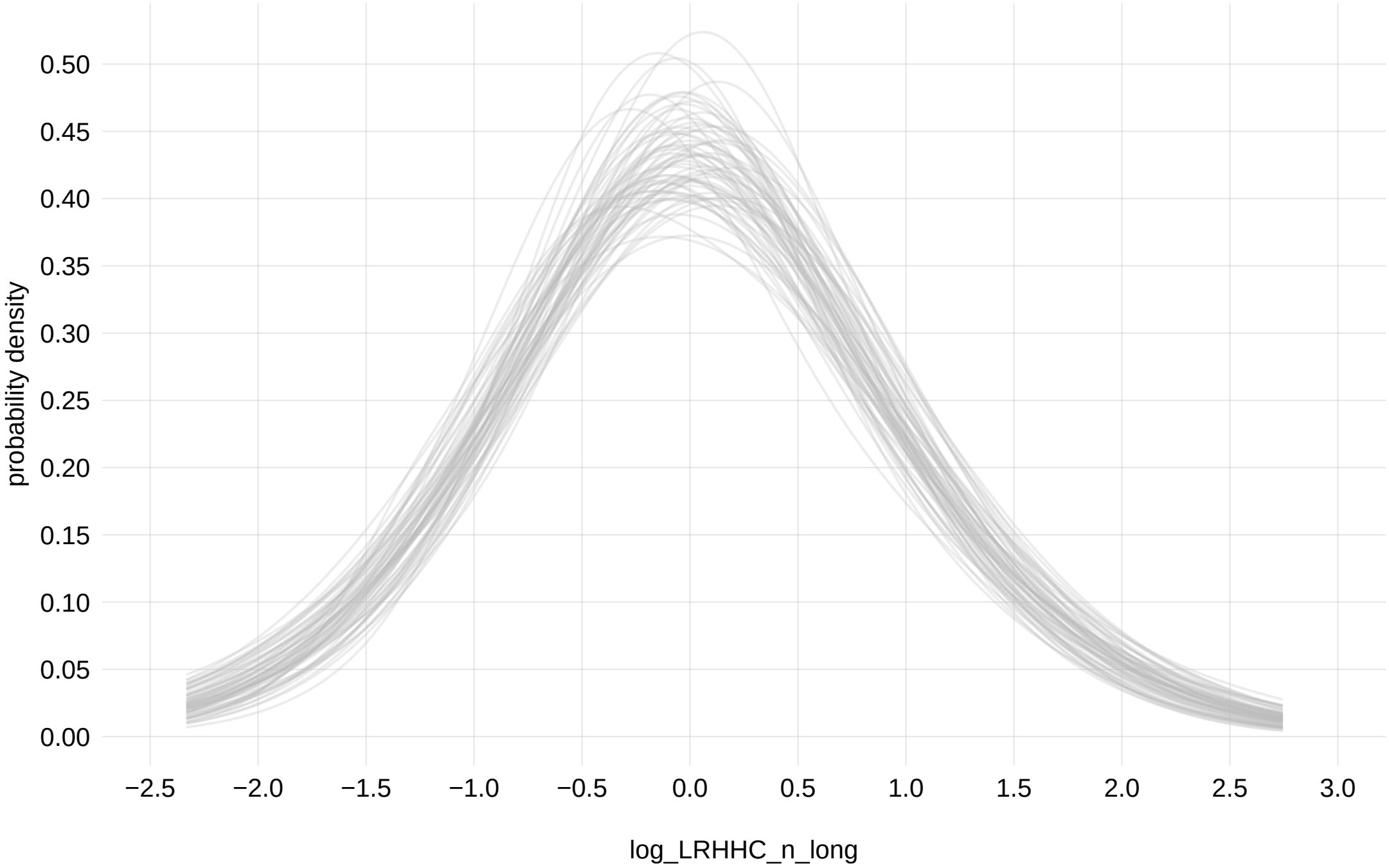
−− STATS maxD −−
min ESS = 2.2044604925031e−16
max BMK = 1
max MCSE = NaN
all stationary: FALSE
burn: 1020

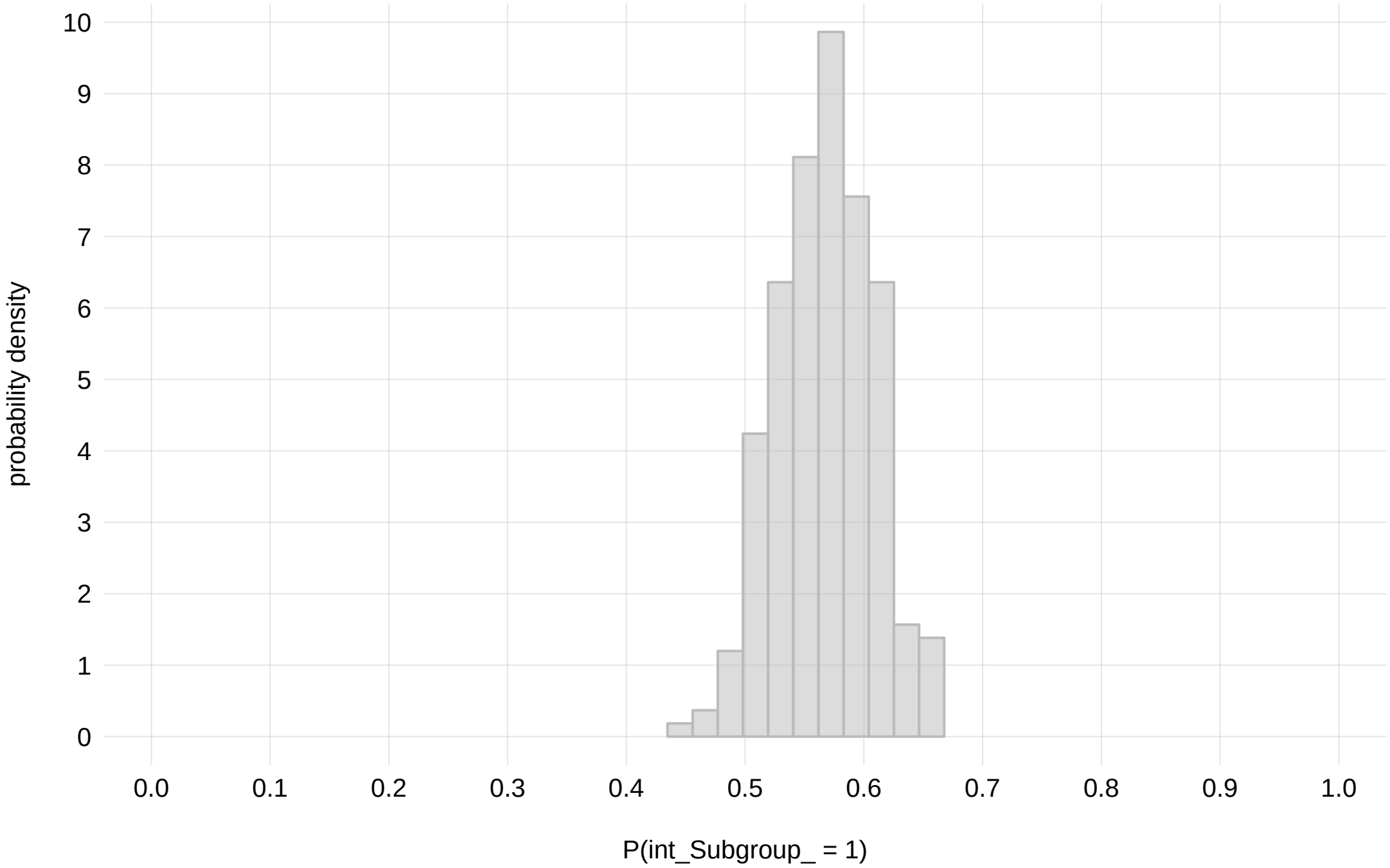
−− STATS 2D −−
min ESS = 22.1799637971182
max BMK = 0.269378663716039
max MCSE = 10.7755342987834
all stationary: FALSE
burn: 102

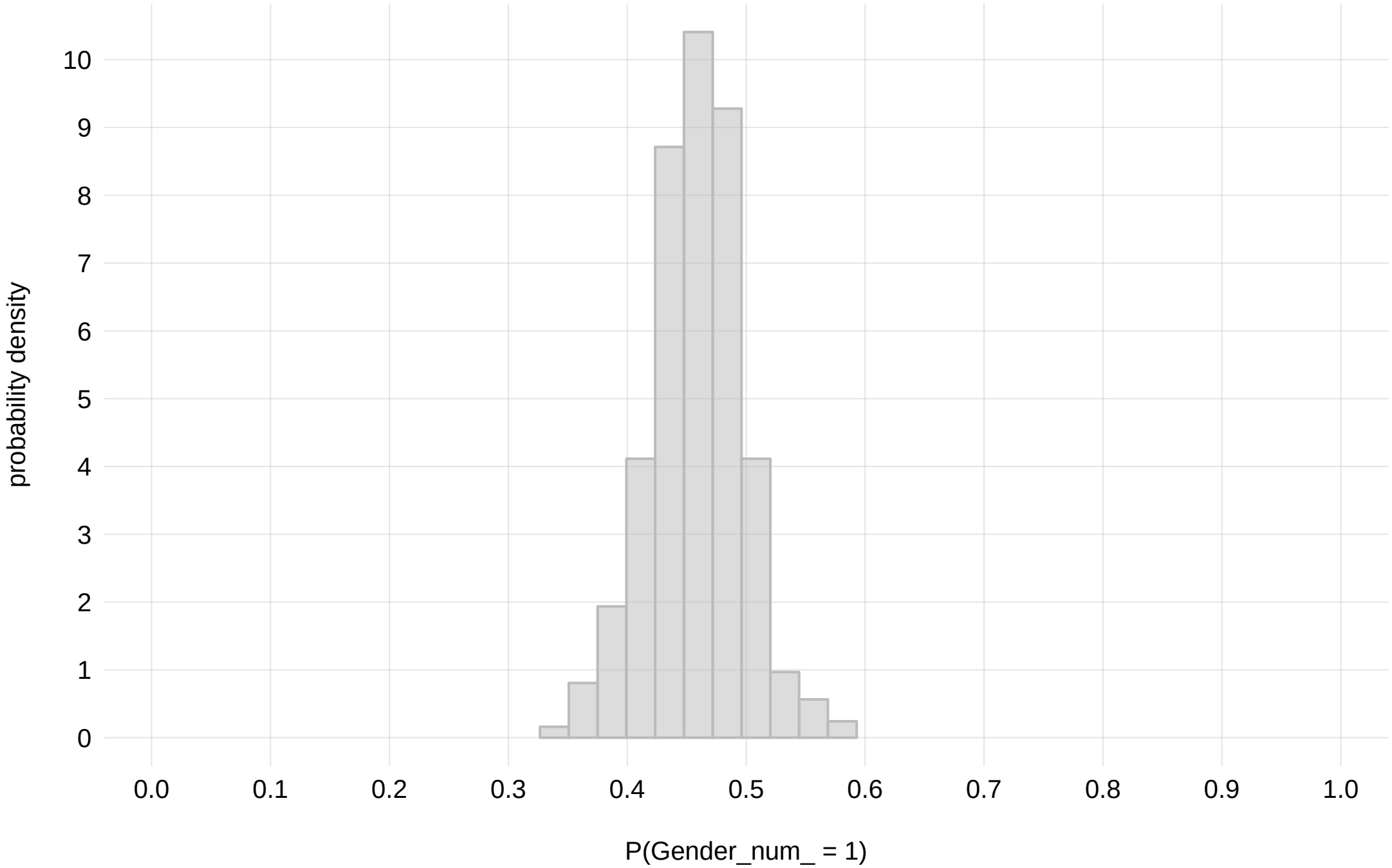
−− STATS 1D −−
min ESS = 39.3346155203831
max BMK = 0.273061134501754
max MCSE = 10.9994056235162
all stationary: FALSE
burn: 102

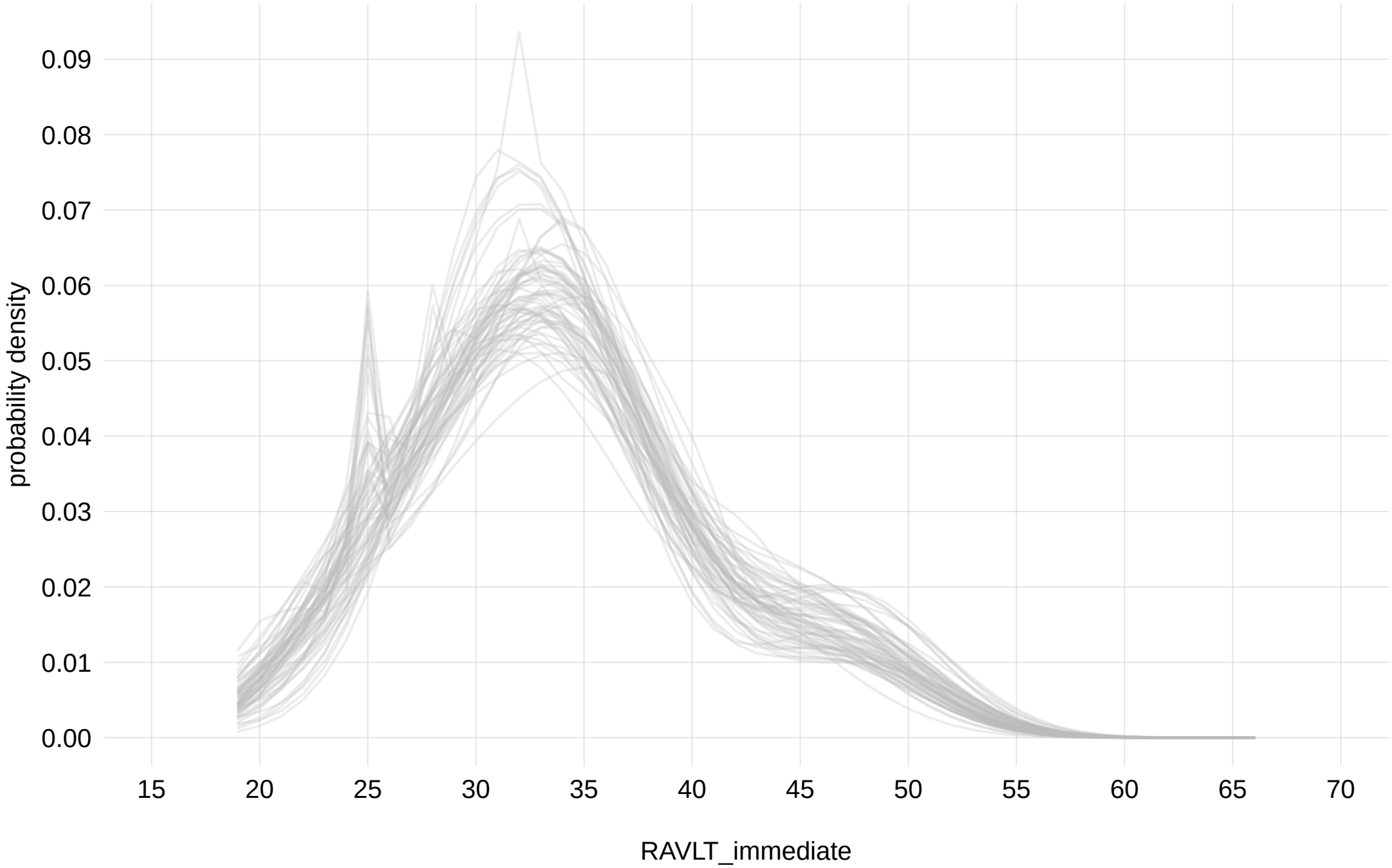
Occupied clusters: 15 of 16
LL: −4440 +− 61

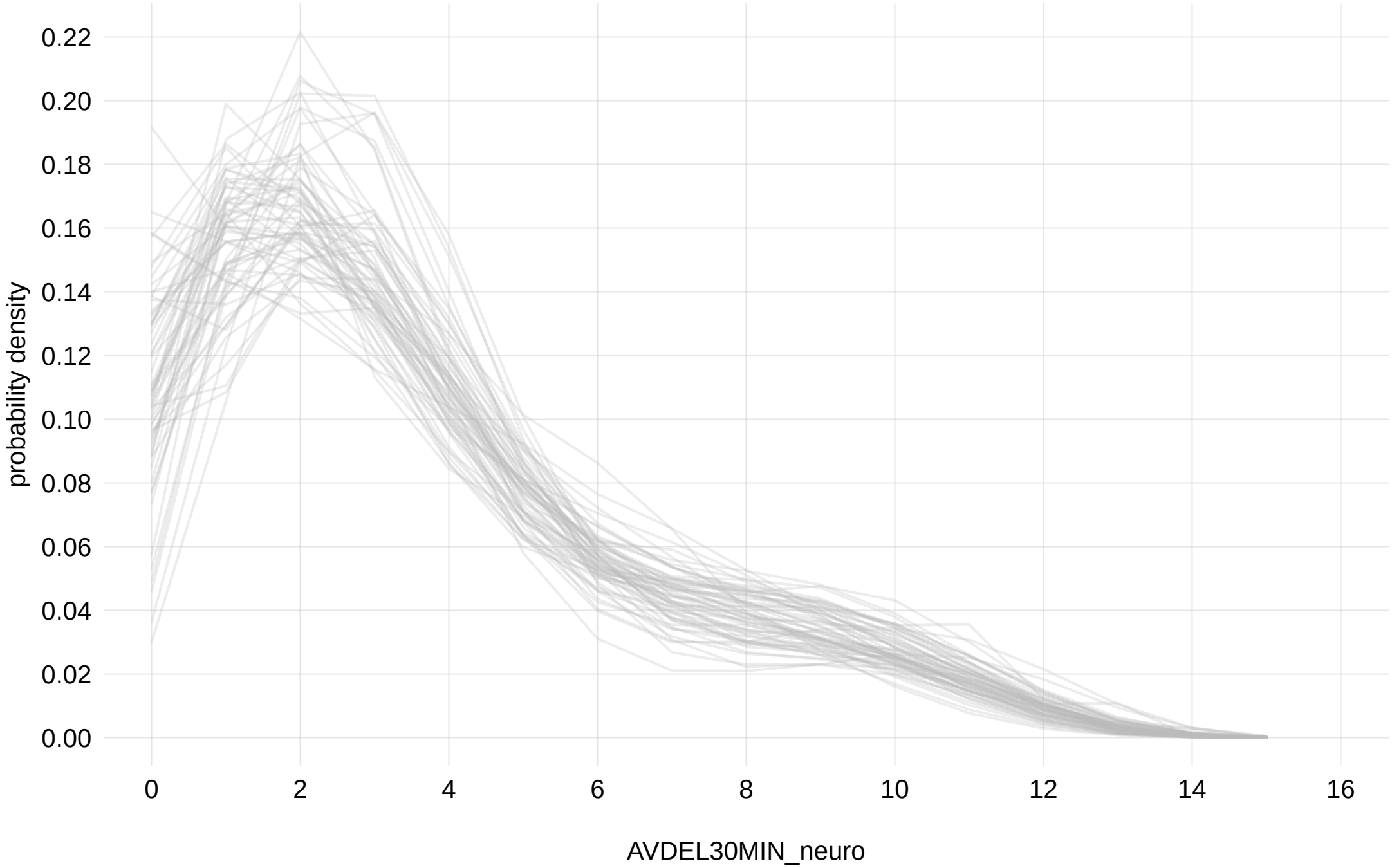

0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
−4
−3
−2
−1
0
1
2
3
log_AGE

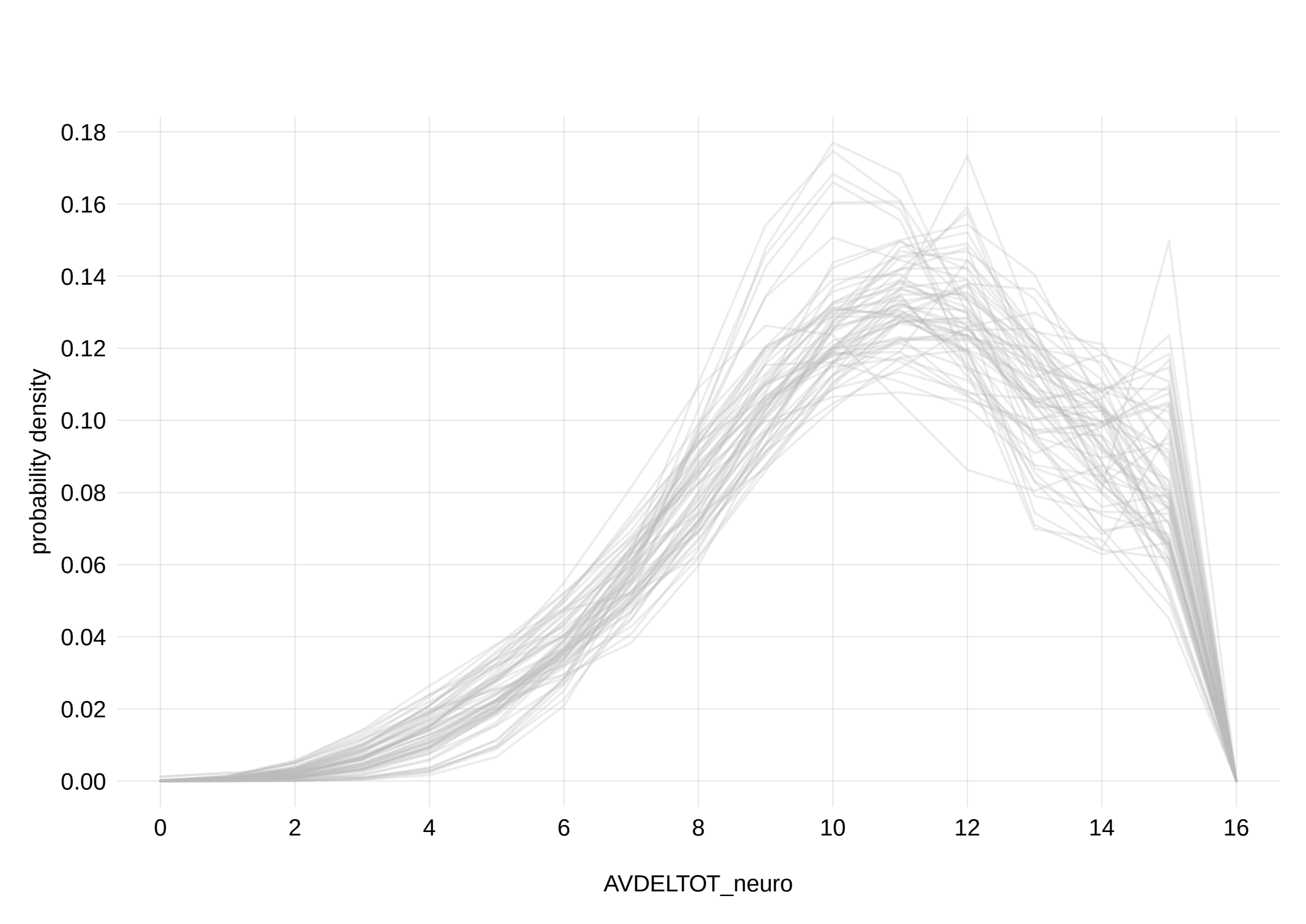

probability density
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
log_LRHHC_n_long

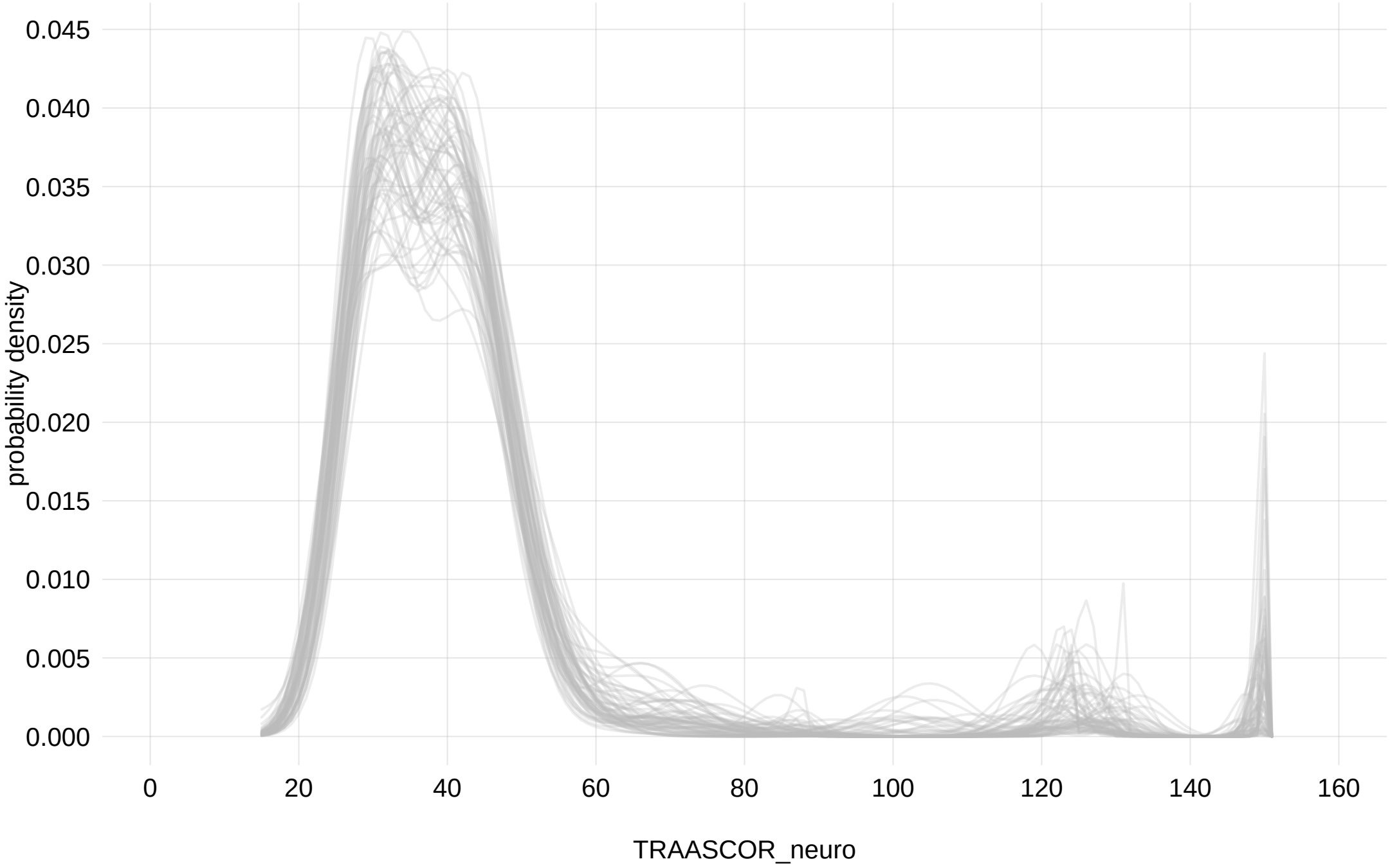

probability density
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(int_Subgroup_ = 1)

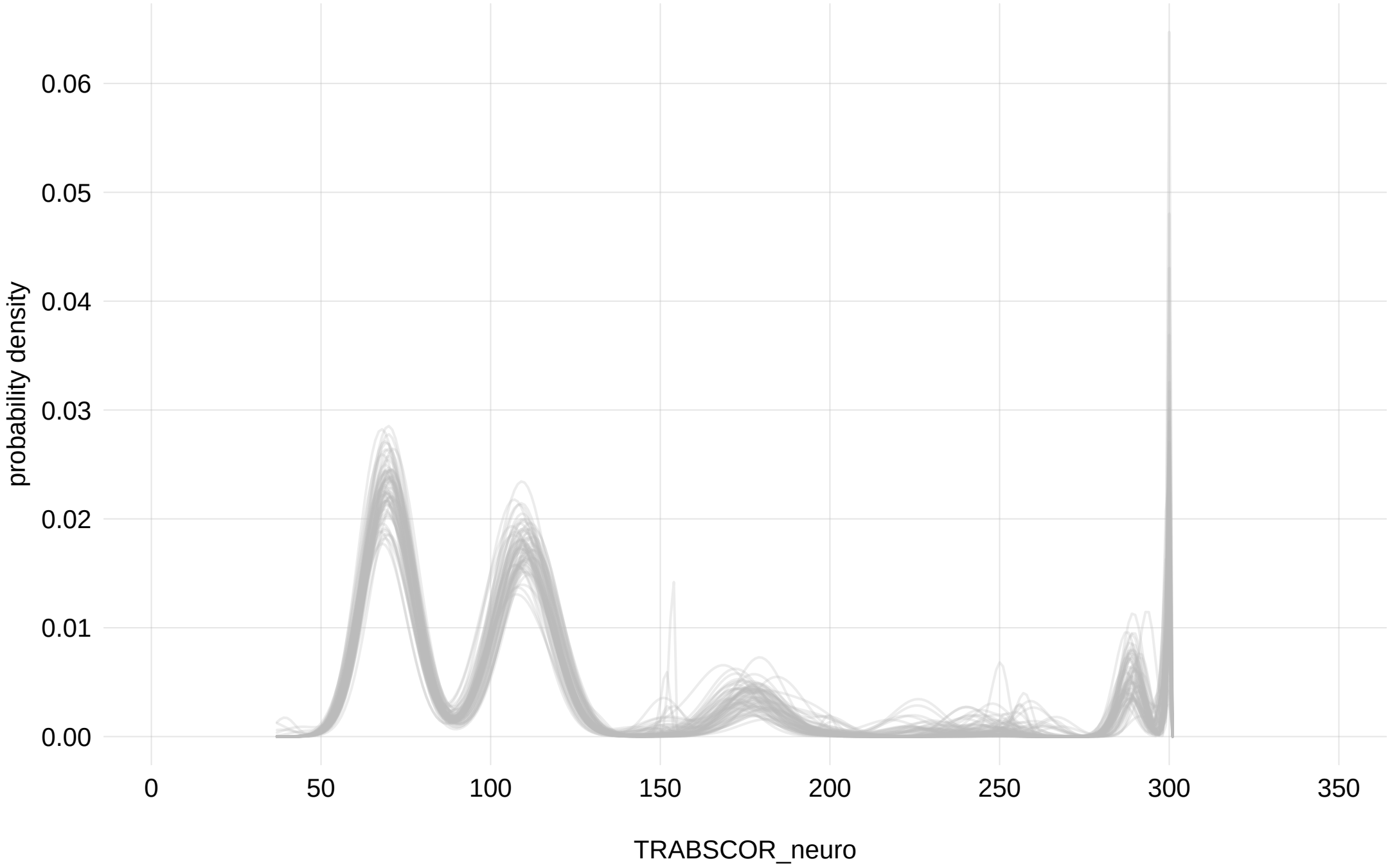

probability density
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Gender_num_ = 1)

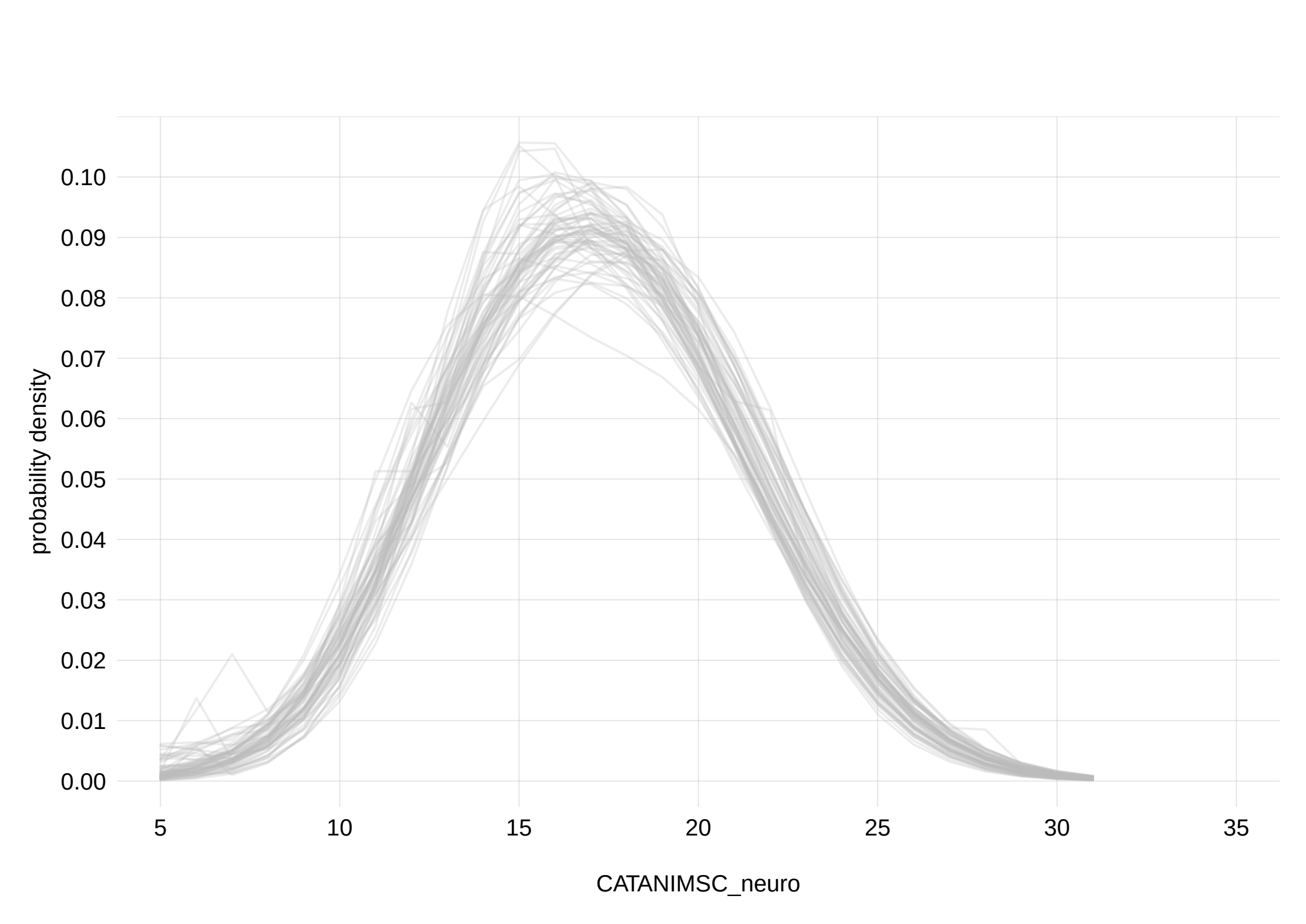

0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
probability density
15
20
25
30
35
40
45
50
55
60
65
70
RAVLT_immediate

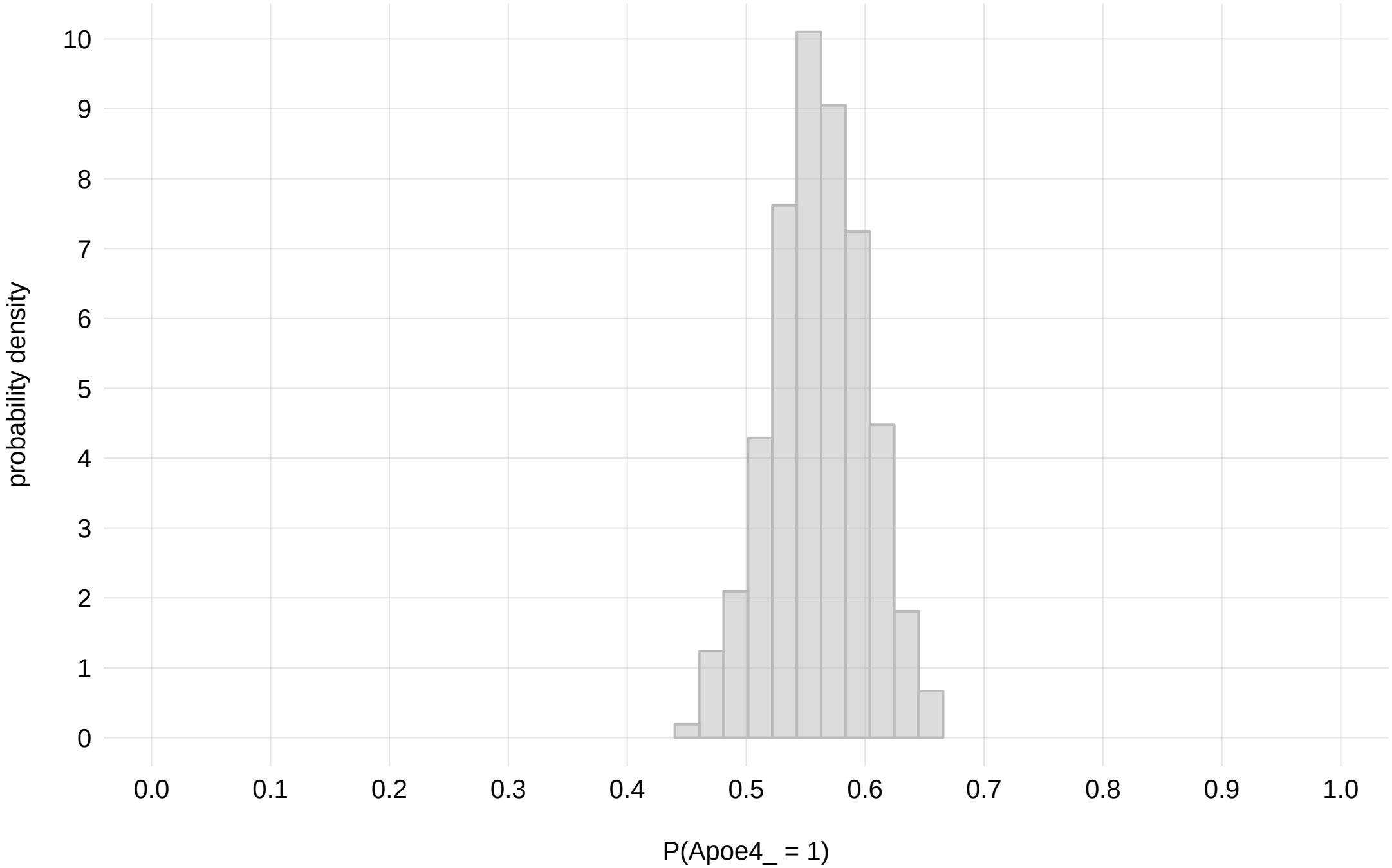

probability density
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
2
4
6
8
10
12
14
16
AVDEL30MIN_neuro

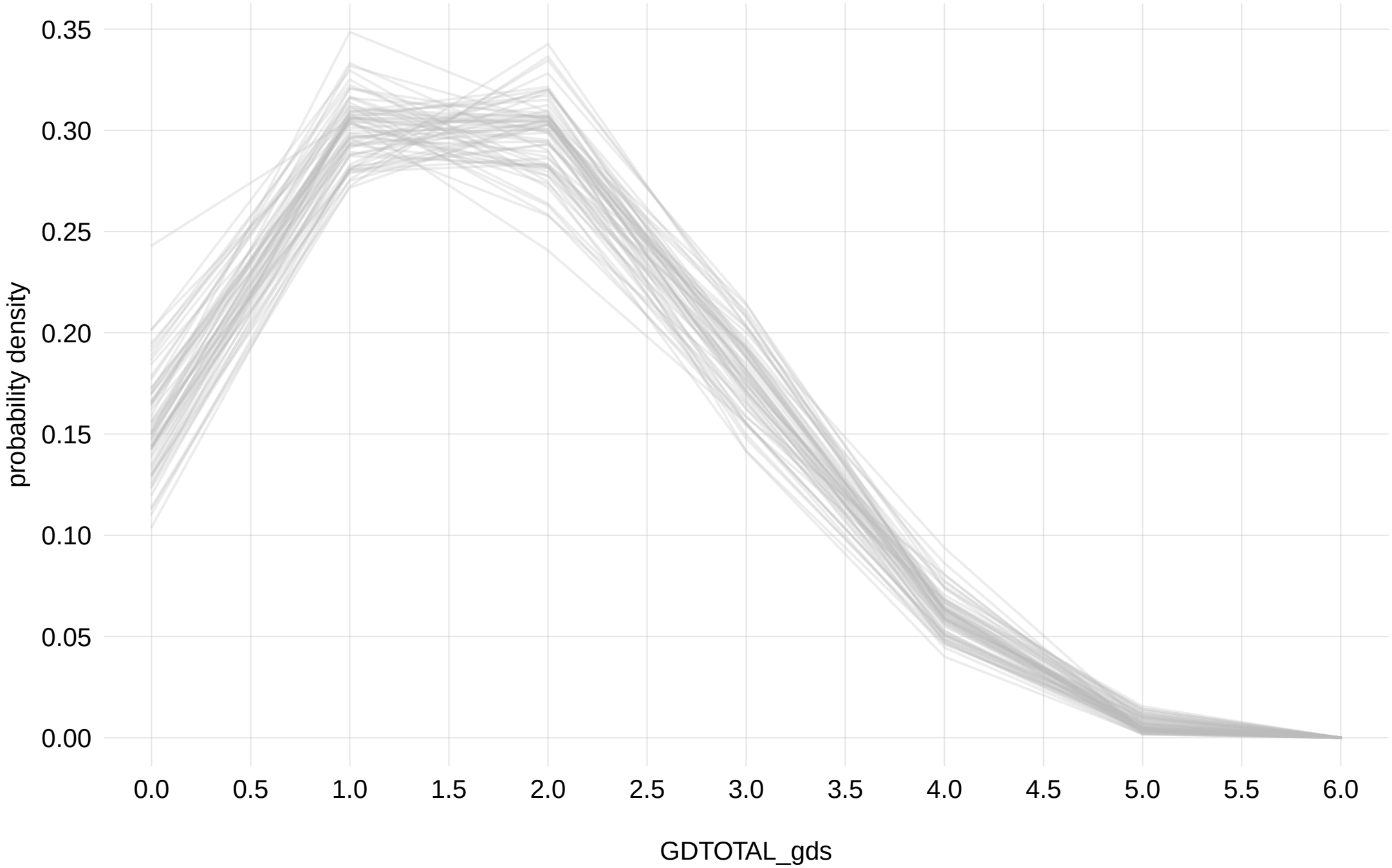

0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
probability density
0
2
4
6
8
10
12
14
16
AVDELTOT_neuro

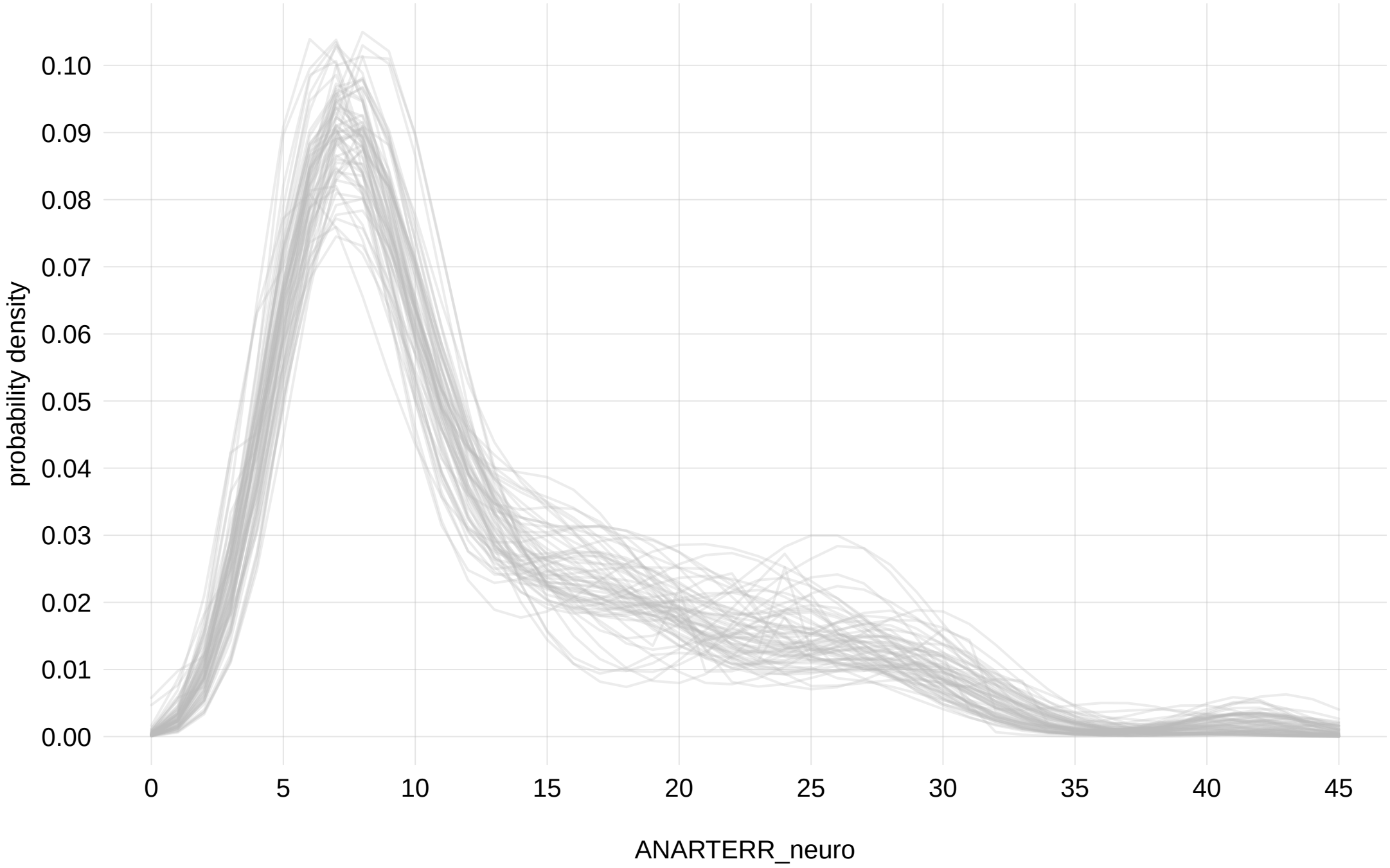

0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
probability density
0
20
40
60
80
100
120
140
160
TRAASCOR_neuro

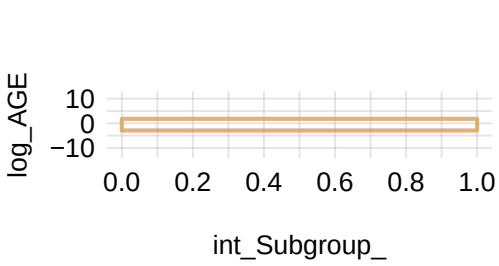

probability density
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
50
100
150
200
250
300
350
TRABSCOR_neuro

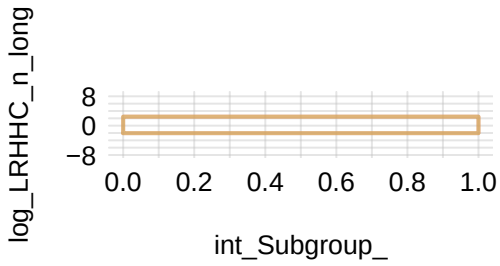

probability density
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
5
10
15
20
25
30
35
CATANIMSC_neuro

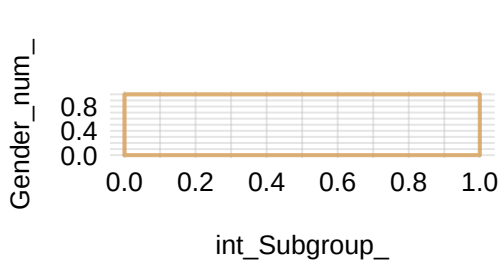

probability density
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Apoe4_ = 1)

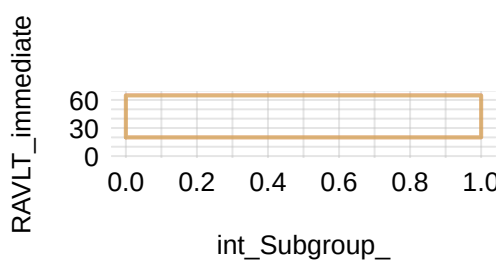

0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0
GDTOTAL_gds

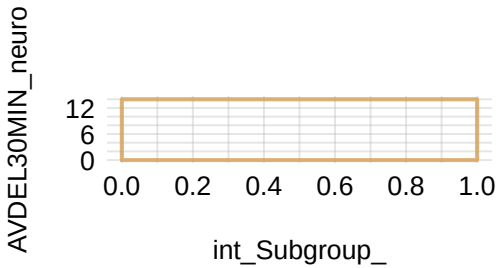

probability density
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
5
10
15
20
25
30
35
40
45
ANARTERR_neuro

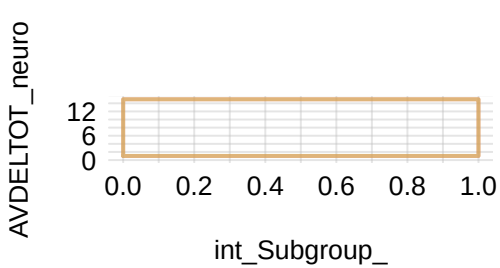

log_AGE
10
0
−10
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_

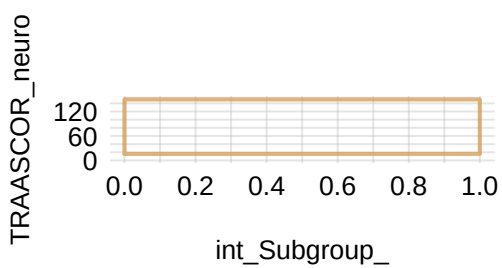

log_LRHHC_n_long
8
0
−8
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_

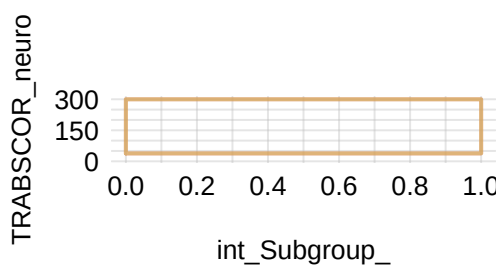

Gender_num_
0.8
0.4
0.0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_

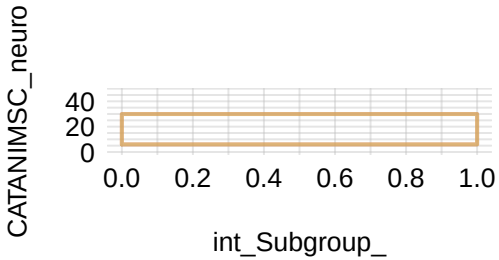

RAVLT_immediate
60
30
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_

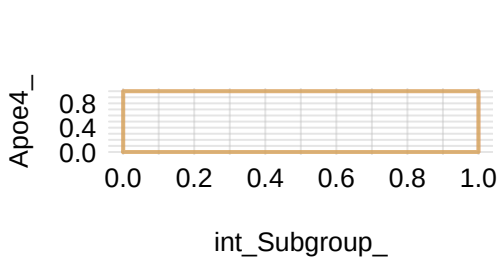

AVDEL30MIN_neuro
12
6
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_

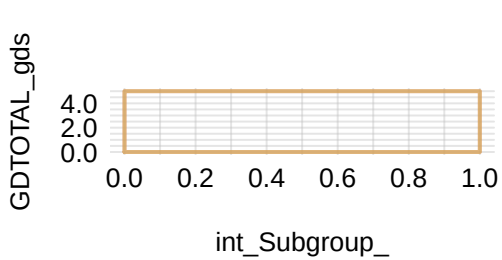

AVDELTOT_neuro
12
6
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_

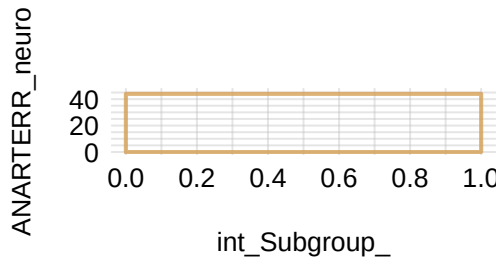

TRAASCOR_neuro
120
60
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_

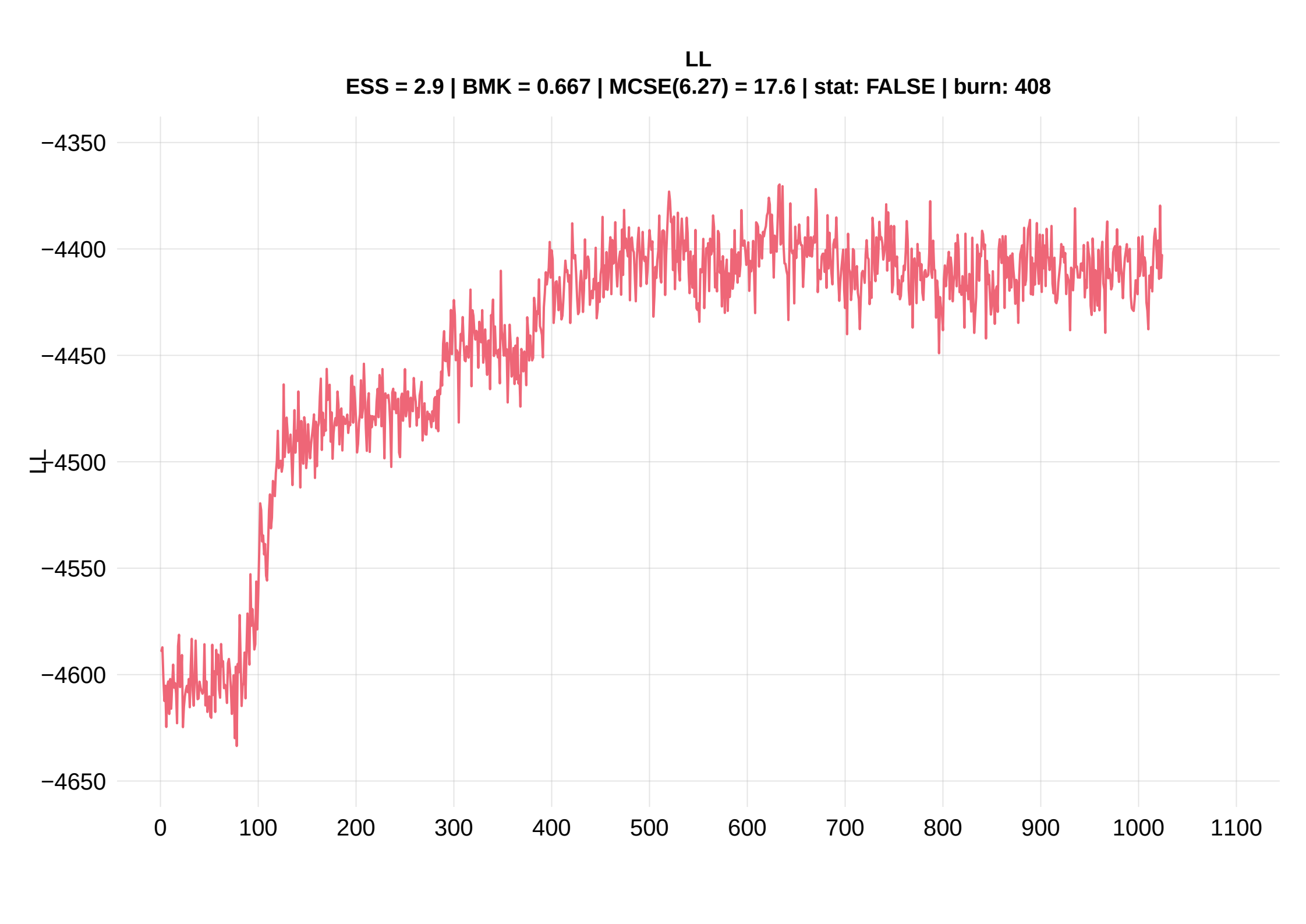

TRABSCOR_neuro
300
150
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_

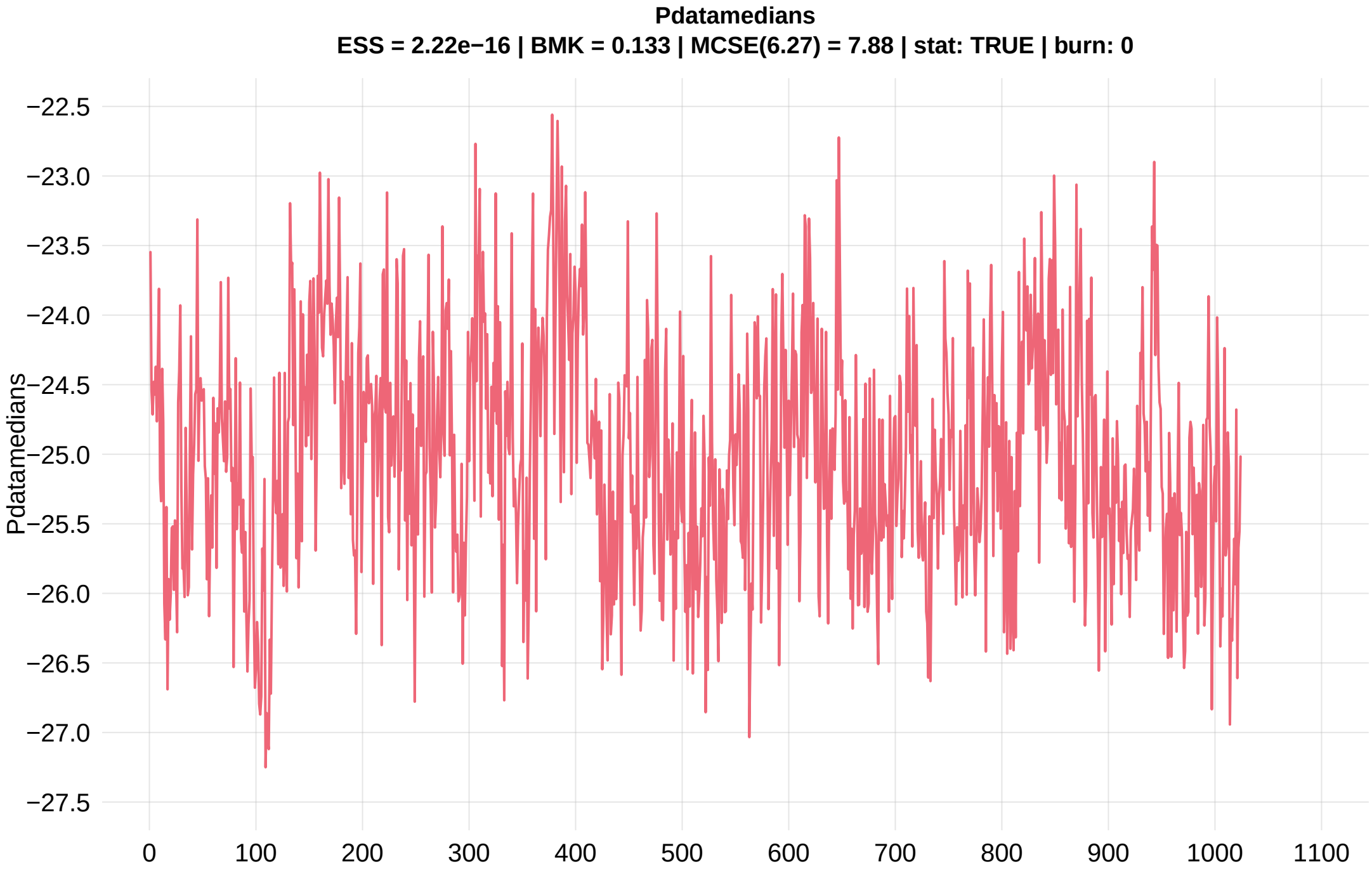

CATANIMSC_neuro
40
20
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_


Apoe4_
0.8
0.4
0.0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_


GDTOTAL_gds
4.0
2.0
0.0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_


ANARTERR_neuro
40
20
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_


LL
ESS = 2.9 | BMK = 0.667 | MCSE(6.27) = 17.6 | stat: FALSE | burn: 408
LL
−4350
−4400
−4450
−4500
−4550
−4600
−4650
0
100
200
300
400
500
600
700
800
900
1000
1100


Pdatamedians
ESS = 2.22e−16 | BMK = 0.133 | MCSE(6.27) = 7.88 | stat: TRUE | burn: 0
Pdatamedians
−22.5
−23.0
−23.5
−24.0
−24.5
−25.0
−25.5
−26.0
−26.5
−27.0
−27.5
0
100
200
300
400
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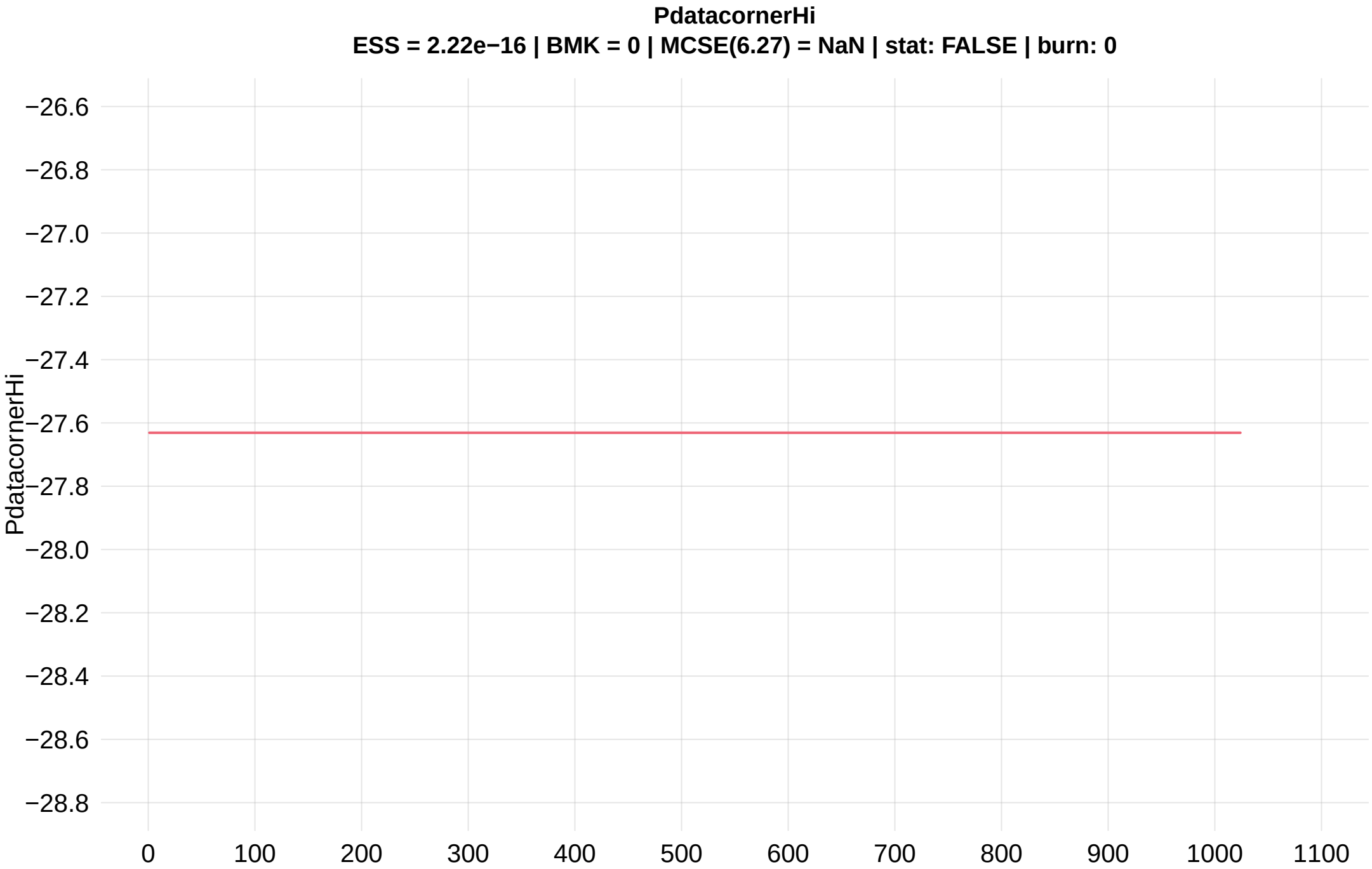
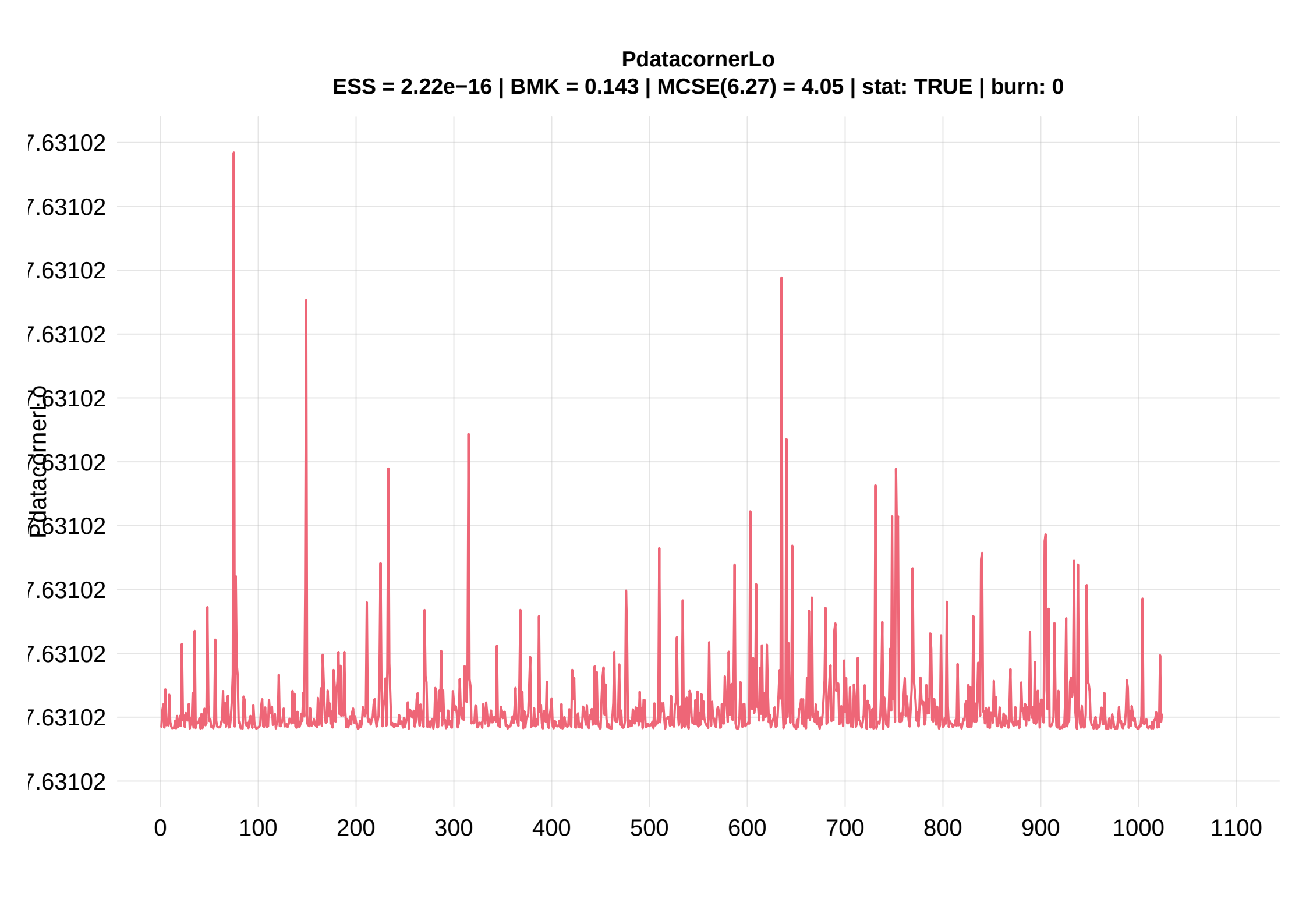
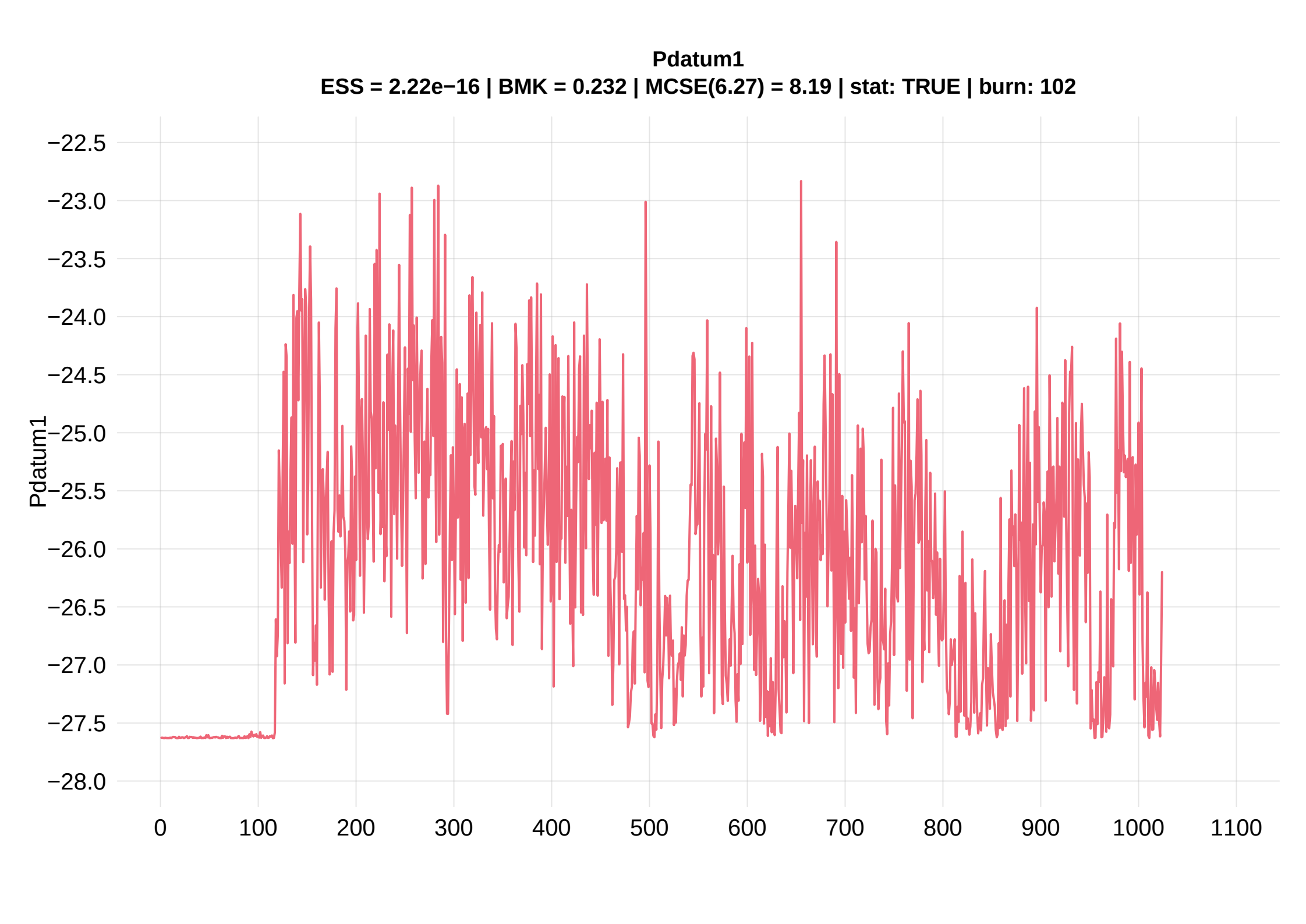
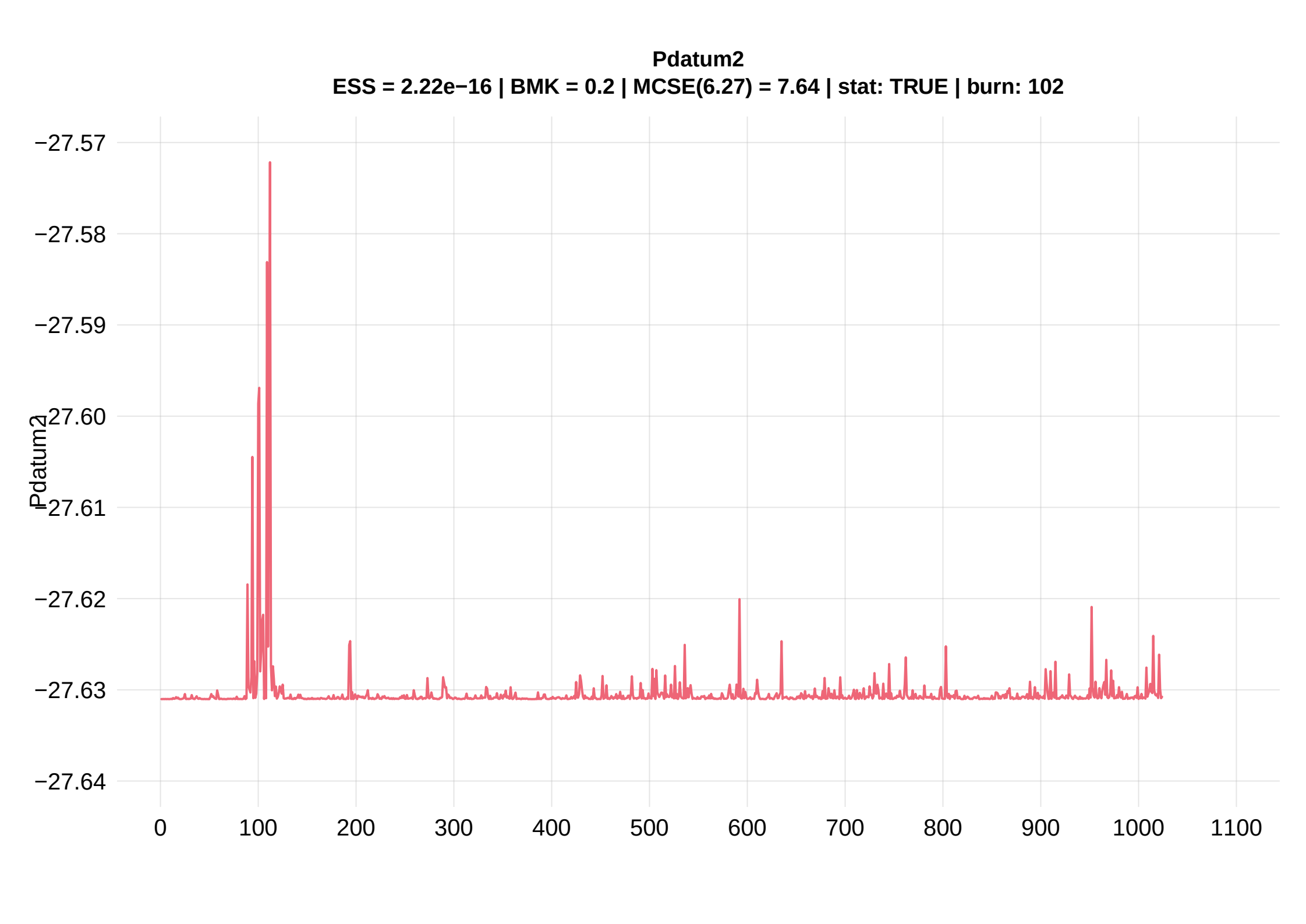
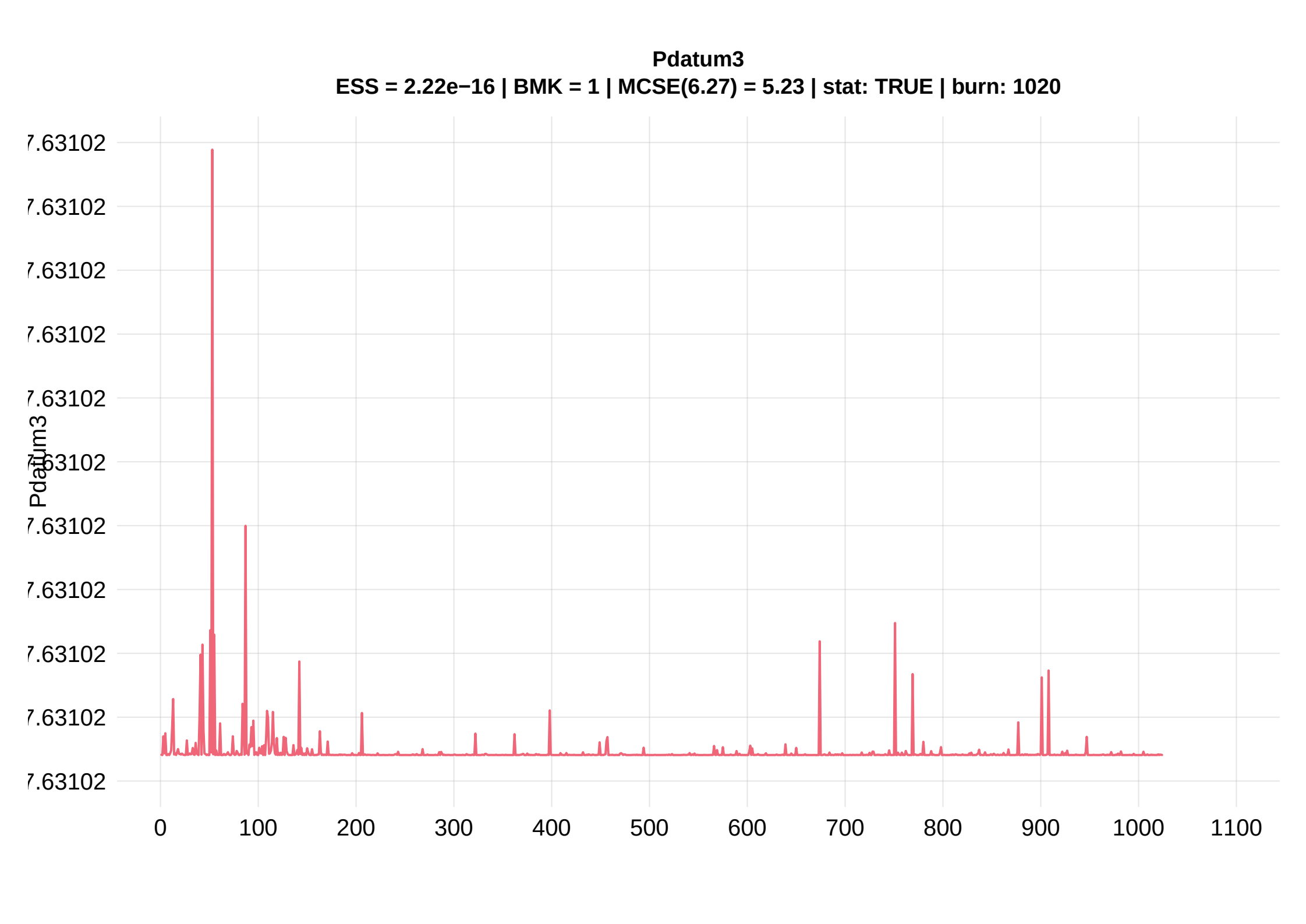
600
700
800
900
1000
1100

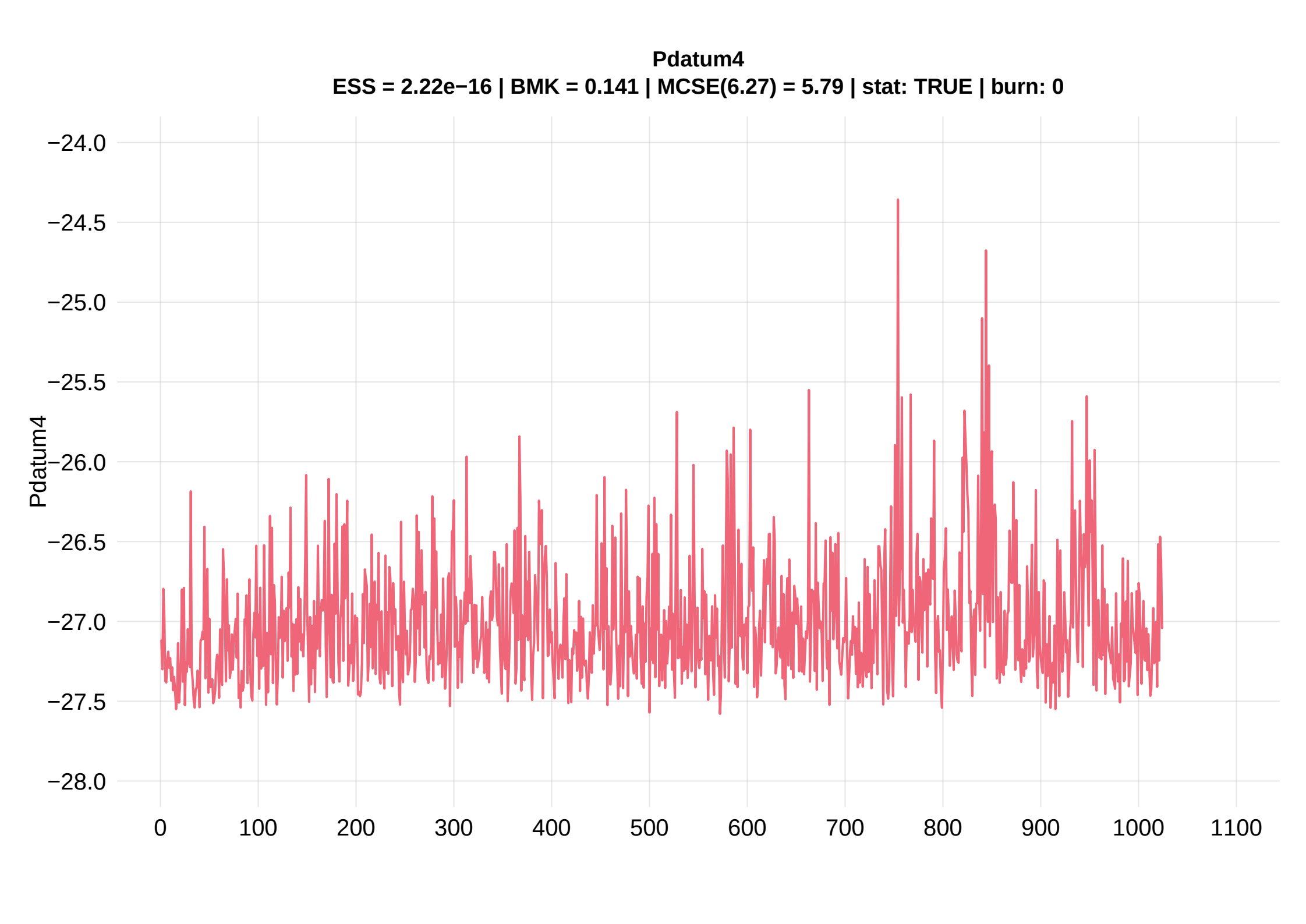

PdatacornerHi
ESS = 2.22e−16 | BMK = 0 | MCSE(6.27) = NaN | stat: FALSE | burn: 0
PdatacornerHi
−26.6
−26.8
−27.0
−27.2
−27.4
−27.6
−27.8
−28.0
−28.2
−28.4
−28.6
−28.8
0
100
200
300
400
500
600
700
800
900
1000
1100

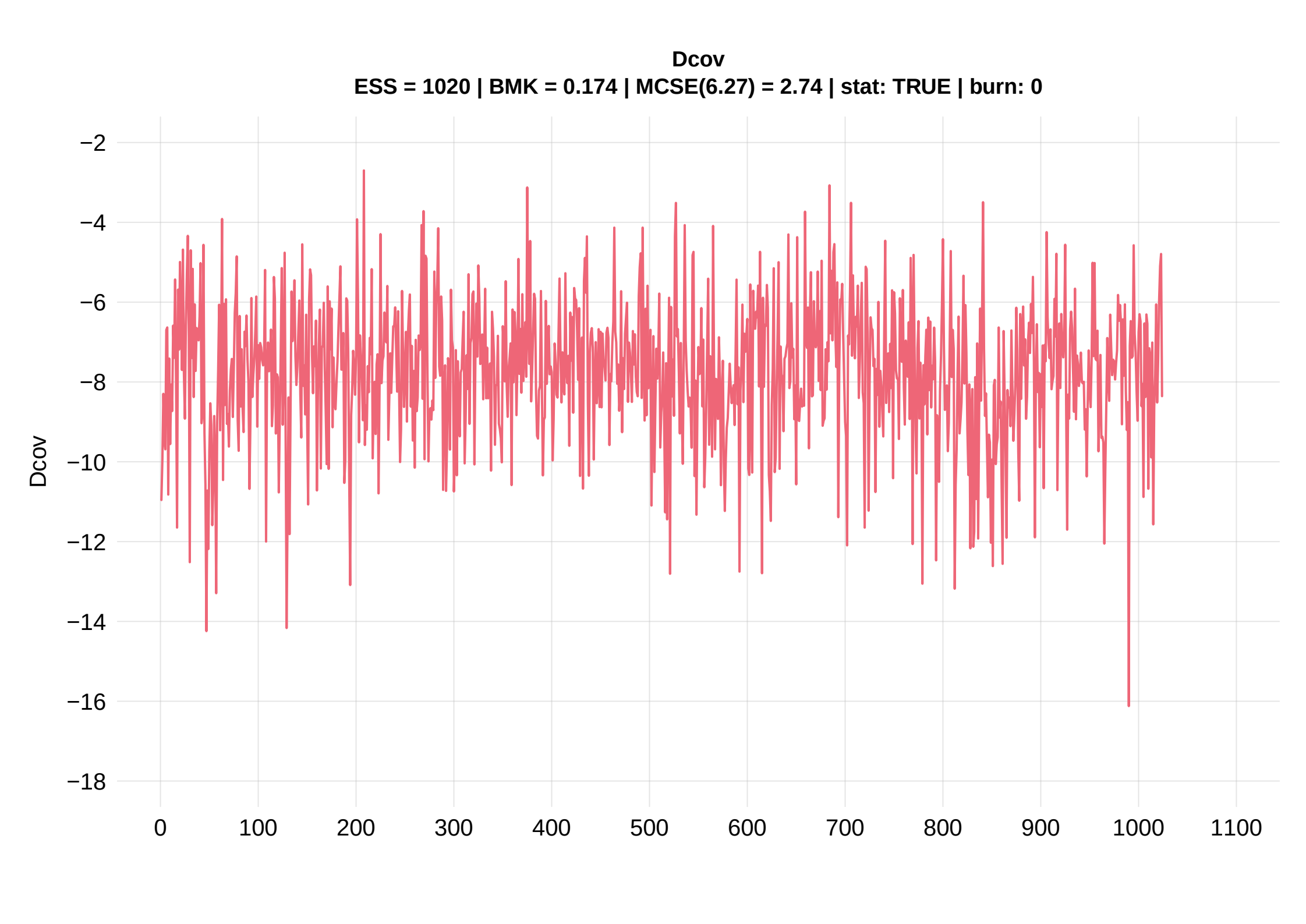

PdatacornerLo
ESS = 2.22e−16 | BMK = 0.143 | MCSE(6.27) = 4.05 | stat: TRUE | burn: 0
PdatacornerLo
7.63102
7.63102
7.63102
7.63102
7.63102
7.63102
7.63102
7.63102
7.63102
0
100
200
300
400
500
600
700
800
900
1000
1100

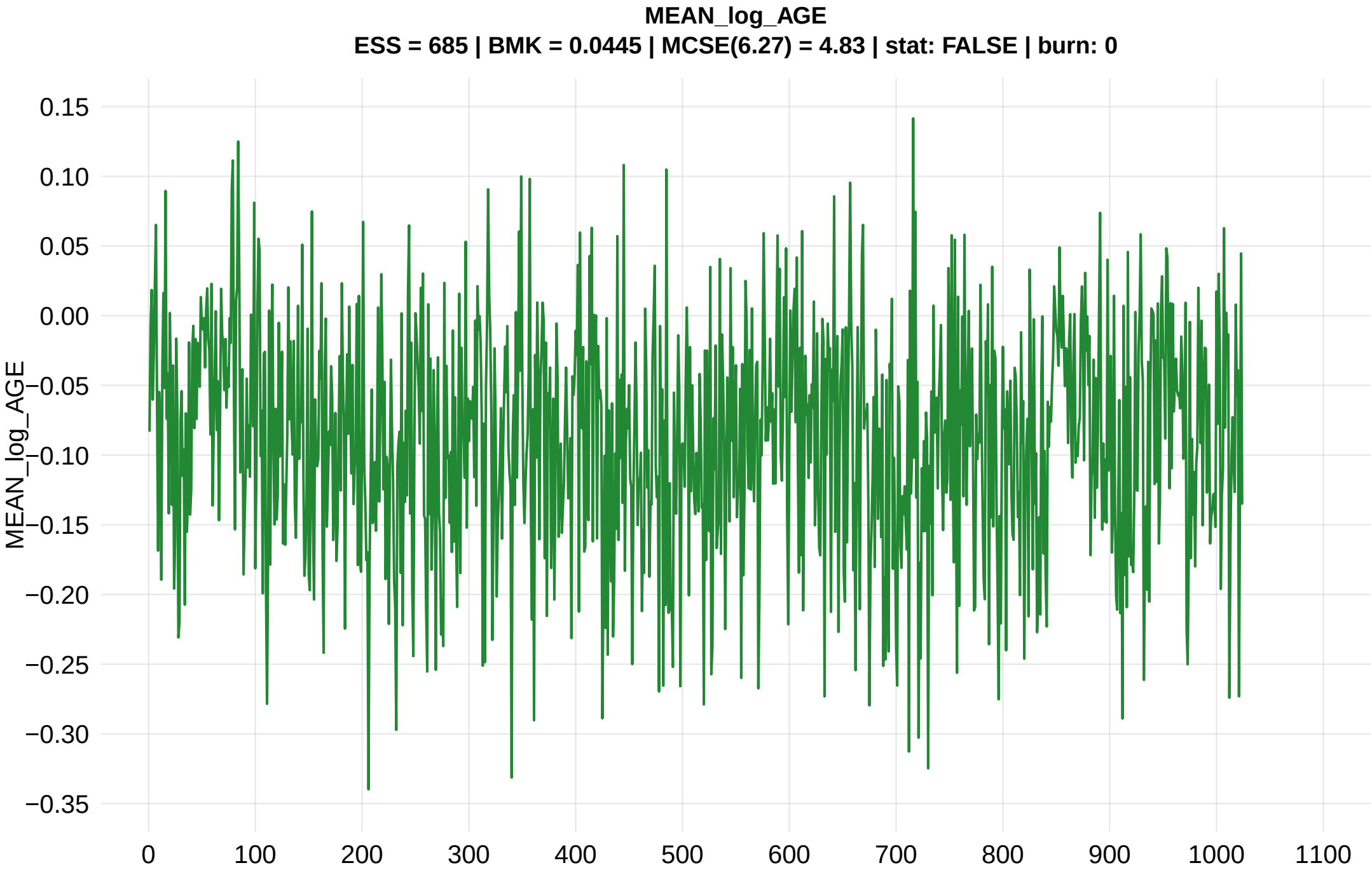

Pdatum1
ESS = 2.22e−16 | BMK = 0.232 | MCSE(6.27) = 8.19 | stat: TRUE | burn: 102
Pdatum1
−22.5
−23.0
−23.5
−24.0
−24.5
−25.0
−25.5
−26.0
−26.5
−27.0
−27.5
−28.0
0
100
200
300
400
500
600
700
800
900
1000
1100

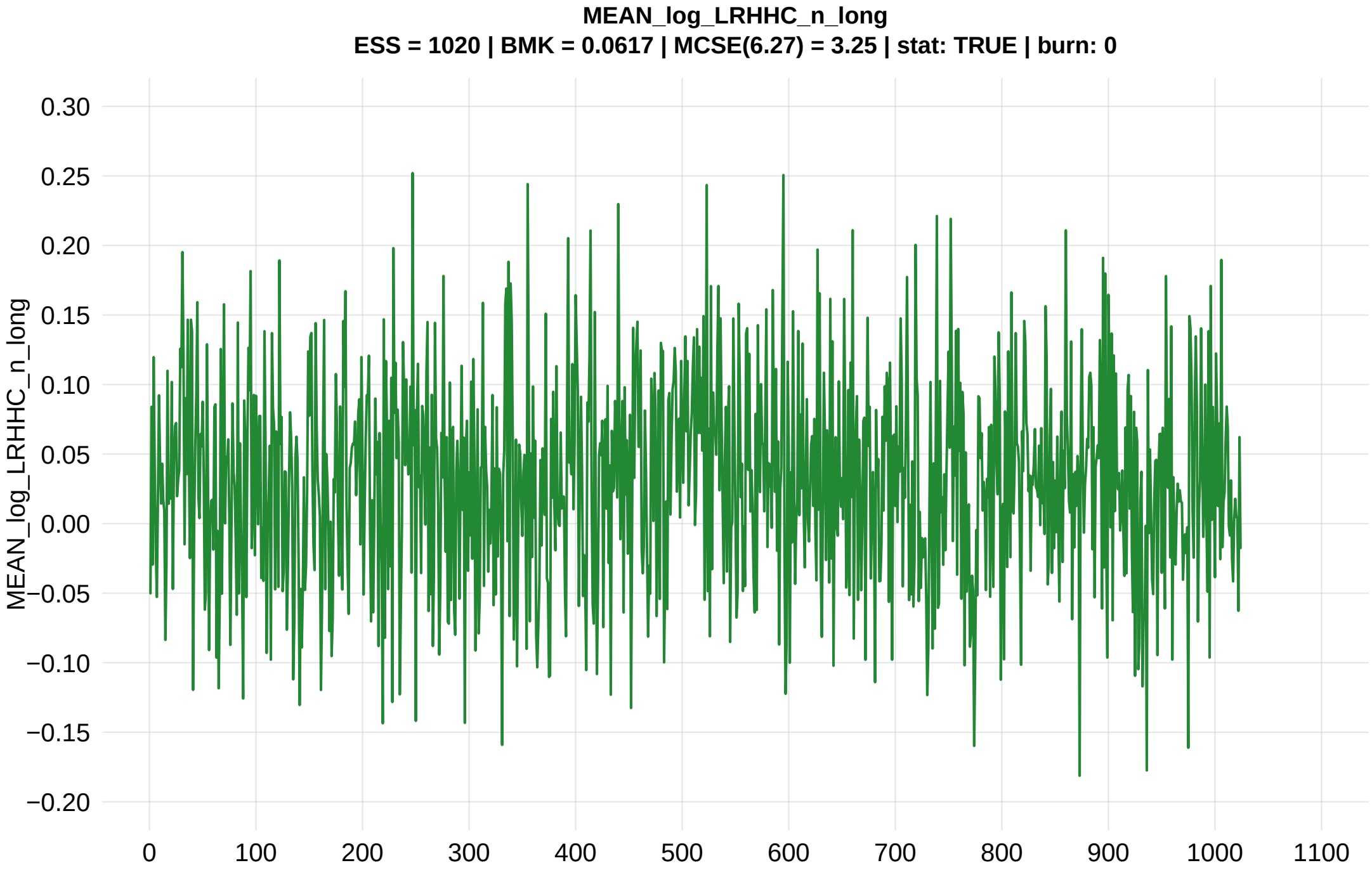

Pdatum2
ESS = 2.22e−16 | BMK = 0.2 | MCSE(6.27) = 7.64 | stat: TRUE | burn: 102
Pdatum2
−27.57
−27.58
−27.59
−27.60
−27.61
−27.62
−27.63
−27.64
0
100
200
300
400
500
600
700
800
900
1000
1100

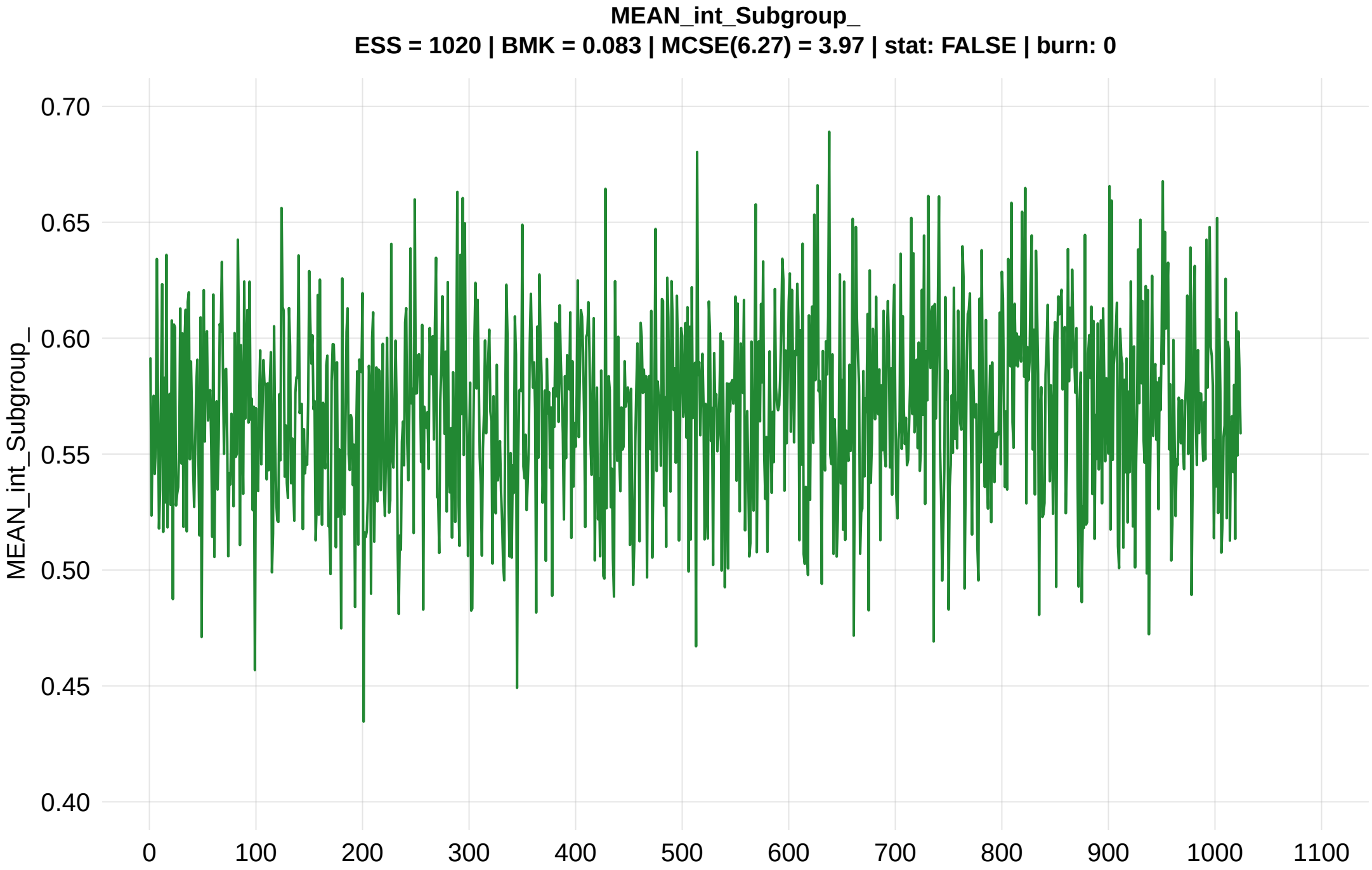

Pdatum3
ESS = 2.22e−16 | BMK = 1 | MCSE(6.27) = 5.23 | stat: TRUE | burn: 1020
Pdatum3
7.63102
7.63102
7.63102
7.63102
7.63102
7.63102
7.63102
7.63102
7.63102
0
100
200
300
400
500
600
700
800
900
1000
1100

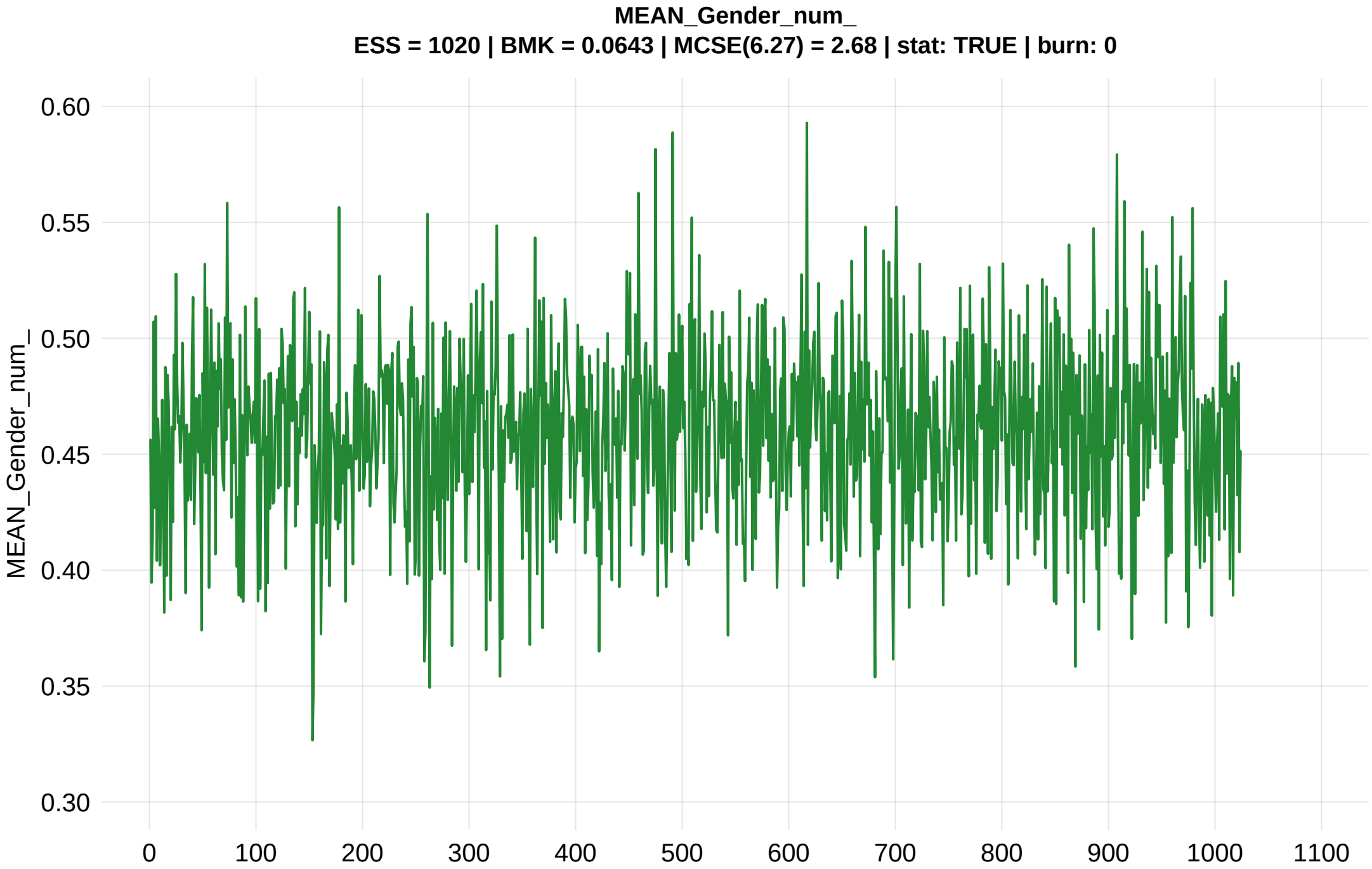

Pdatum4
ESS = 2.22e−16 | BMK = 0.141 | MCSE(6.27) = 5.79 | stat: TRUE | burn: 0
Pdatum4
−24.0
−24.5
−25.0
−25.5
−26.0
−26.5
−27.0
−27.5
−28.0
0
100
200
300
400
500
600
700
800
900
1000
1100

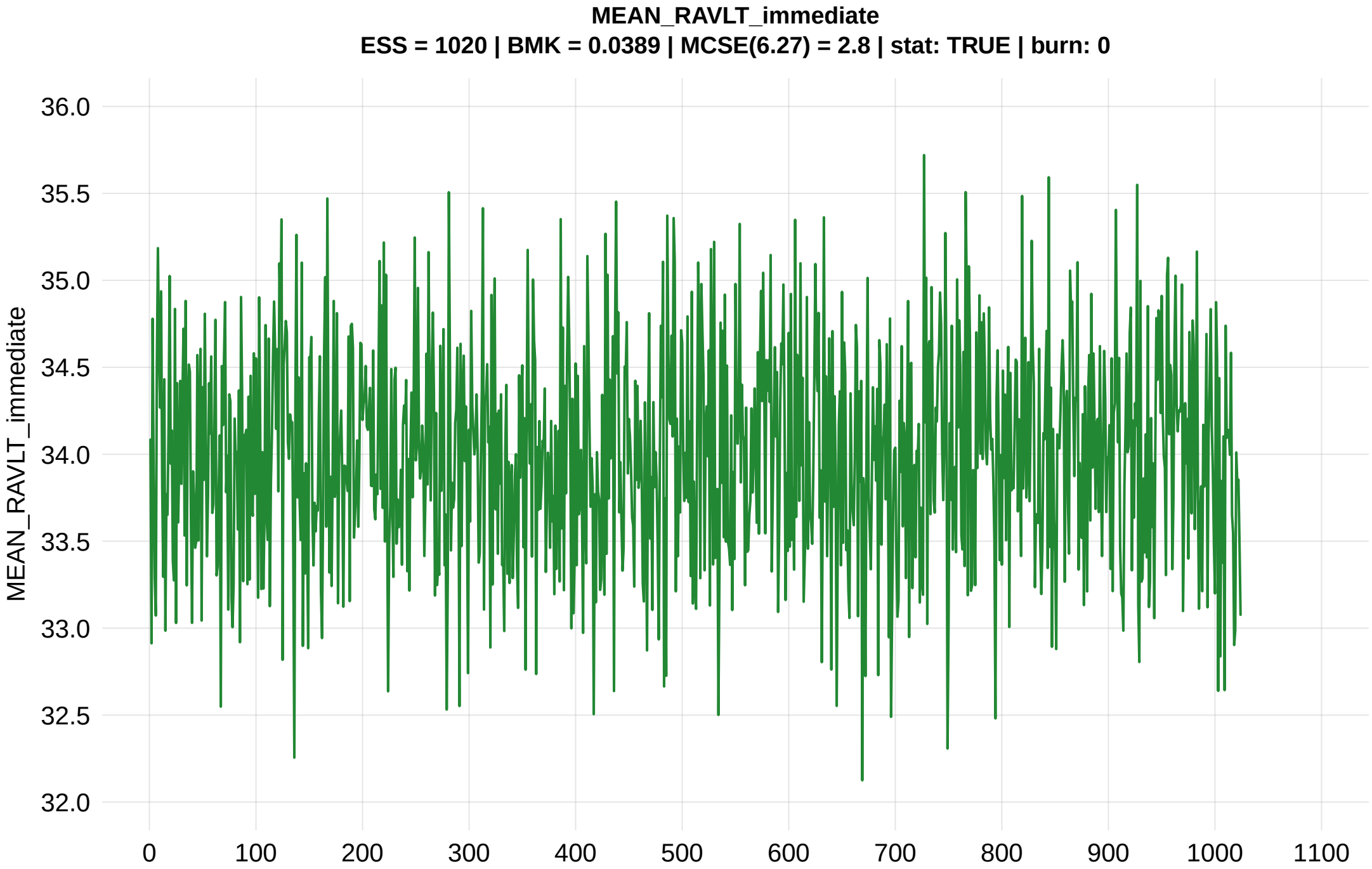

Dcov
ESS = 1020 | BMK = 0.174 | MCSE(6.27) = 2.74 | stat: TRUE | burn: 0
Dcov
−2
−4
−6
−8
−10
−12
−14
−16
−18
0
100
200
300
400
500
600
700
800
900
1000
1100

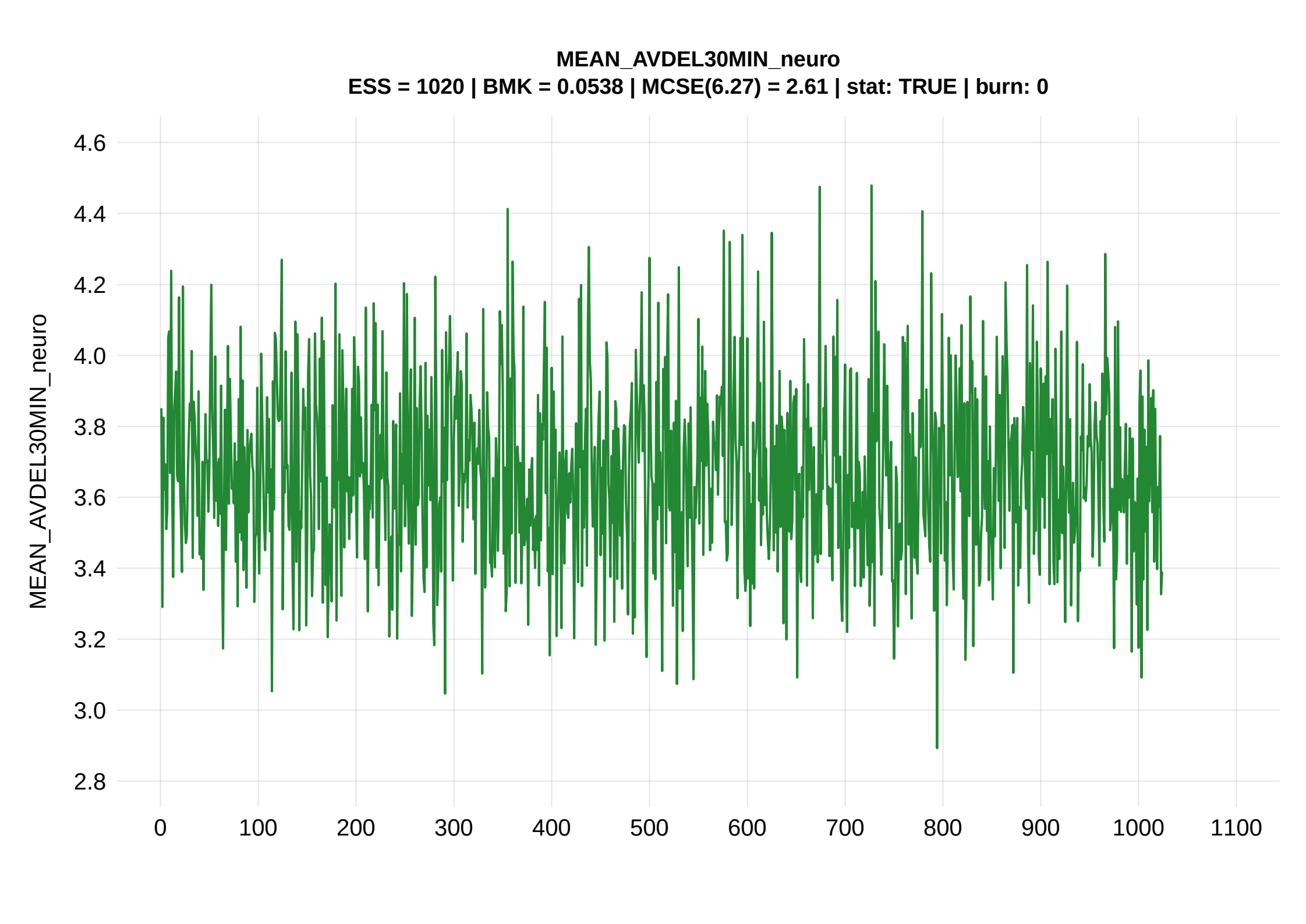

MEAN_log_AGE
ESS = 685 | BMK = 0.0445 | MCSE(6.27) = 4.83 | stat: FALSE | burn: 0
MEAN_log_AGE
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
0
100
200
300
400
500
600
700
800
900
1000
1100

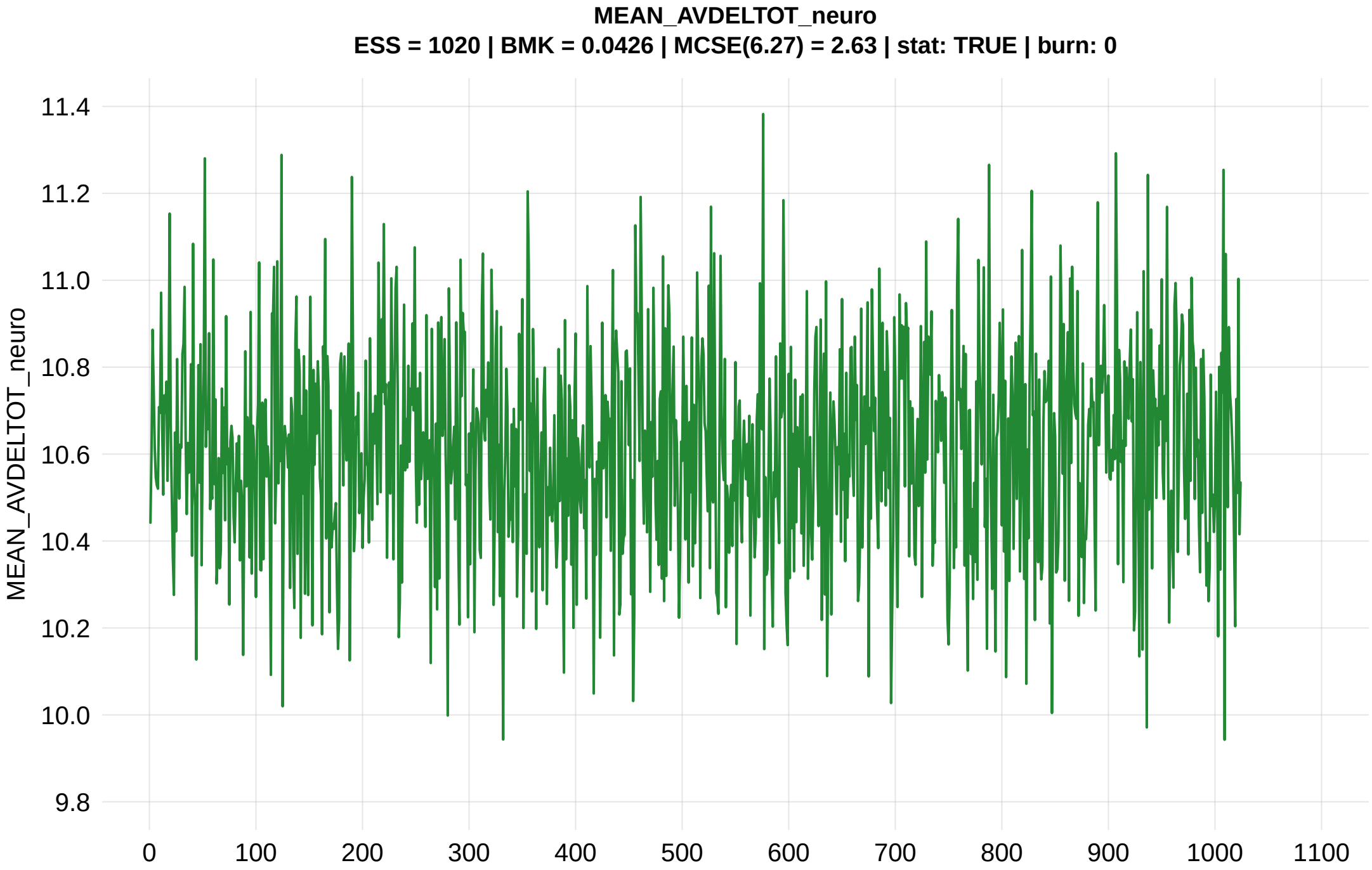

MEAN_log_LRHHC_n_long
ESS = 1020 | BMK = 0.0617 | MCSE(6.27) = 3.25 | stat: TRUE | burn: 0
MEAN_log_LRHHC_n_long
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.20
0
100
200
300
400
500
600
700
800
900
1000
1100

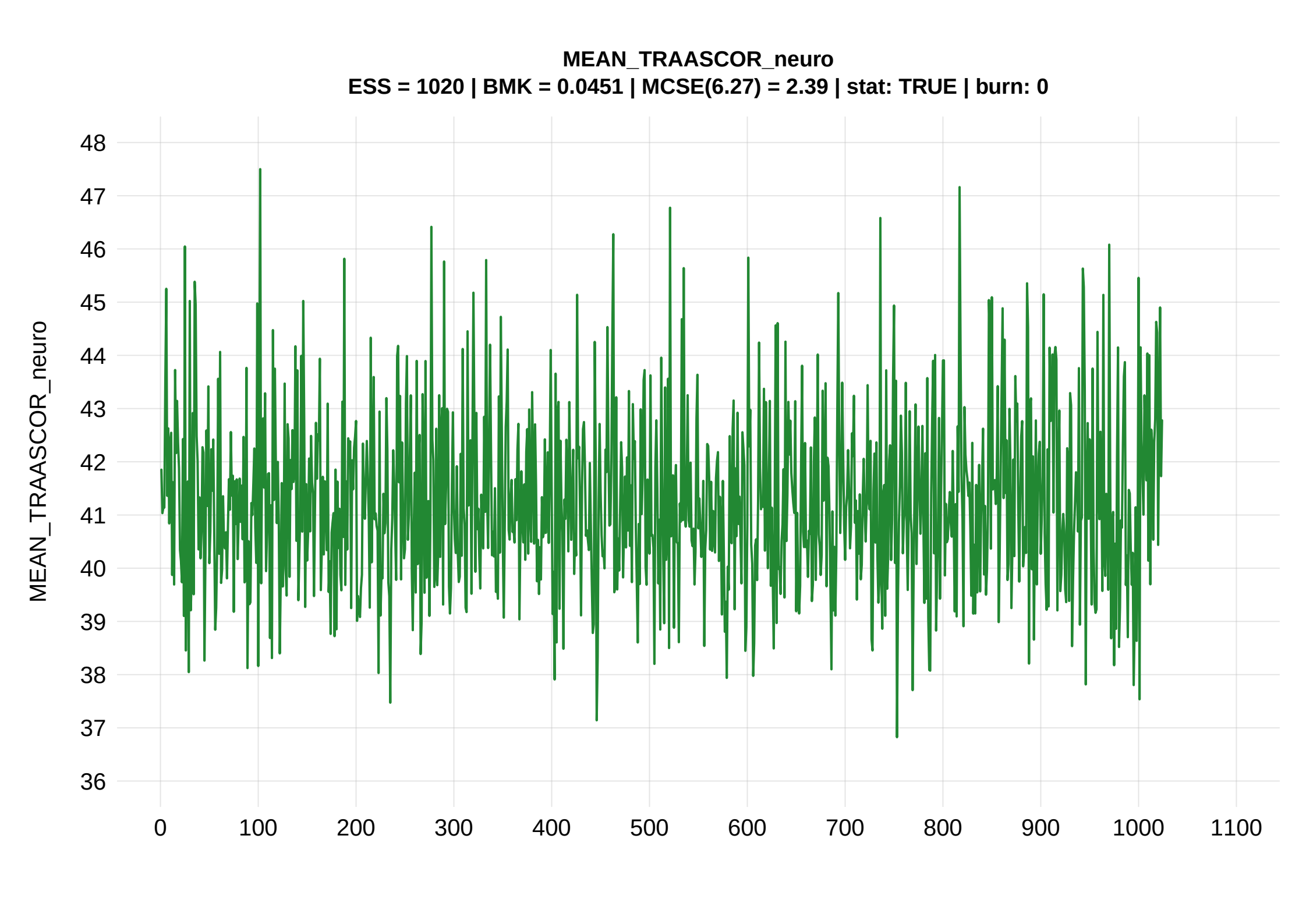

MEAN_int_Subgroup_
ESS = 1020 | BMK = 0.083 | MCSE(6.27) = 3.97 | stat: FALSE | burn: 0
MEAN_int_Subgroup_
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0
100
200
300
400
500
600
700
800
900
1000
1100

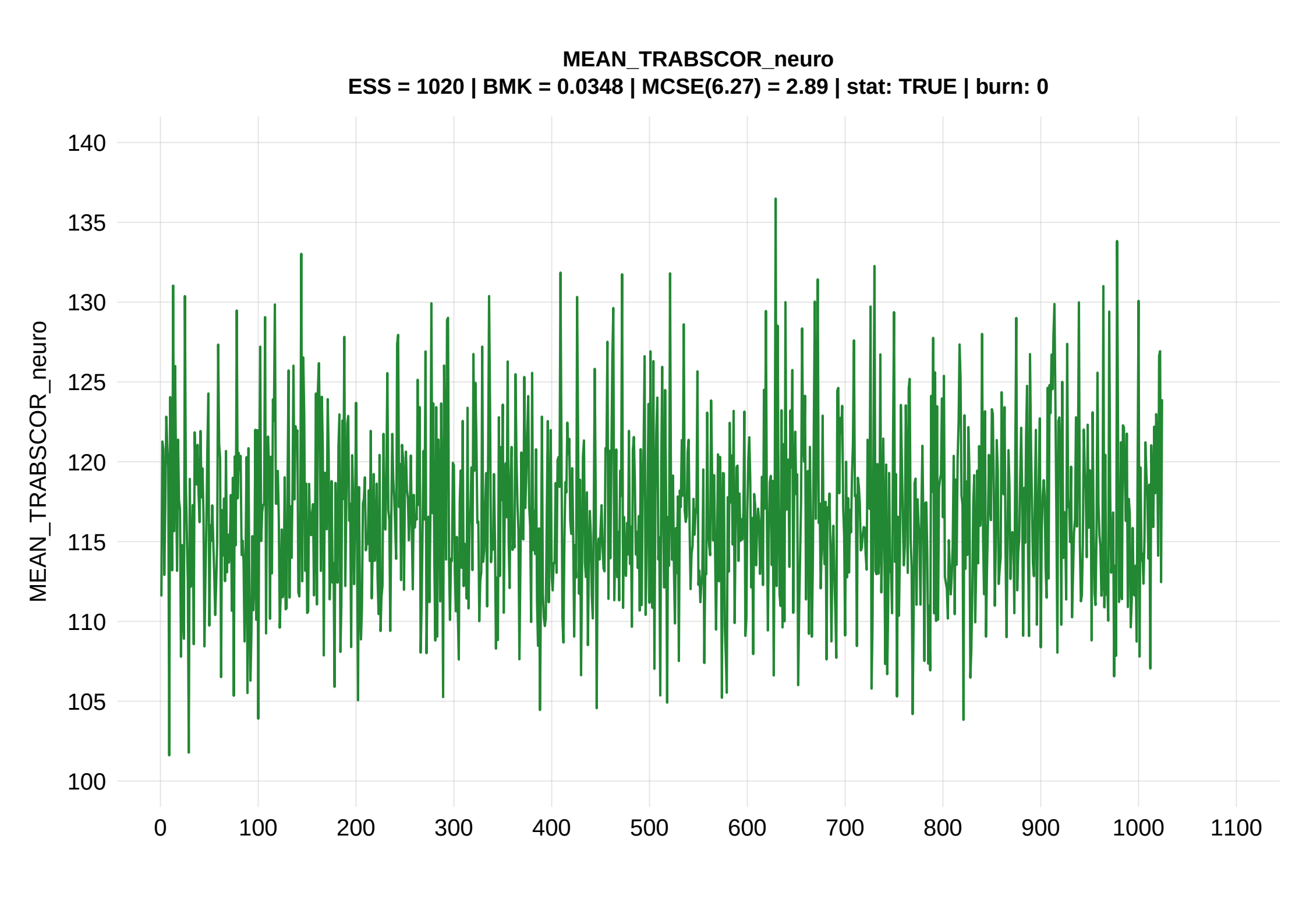

MEAN_Gender_num_
ESS = 1020 | BMK = 0.0643 | MCSE(6.27) = 2.68 | stat: TRUE | burn: 0
MEAN_Gender_num_
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0
100
200
300
400
500
600
700
800
900
1000
1100

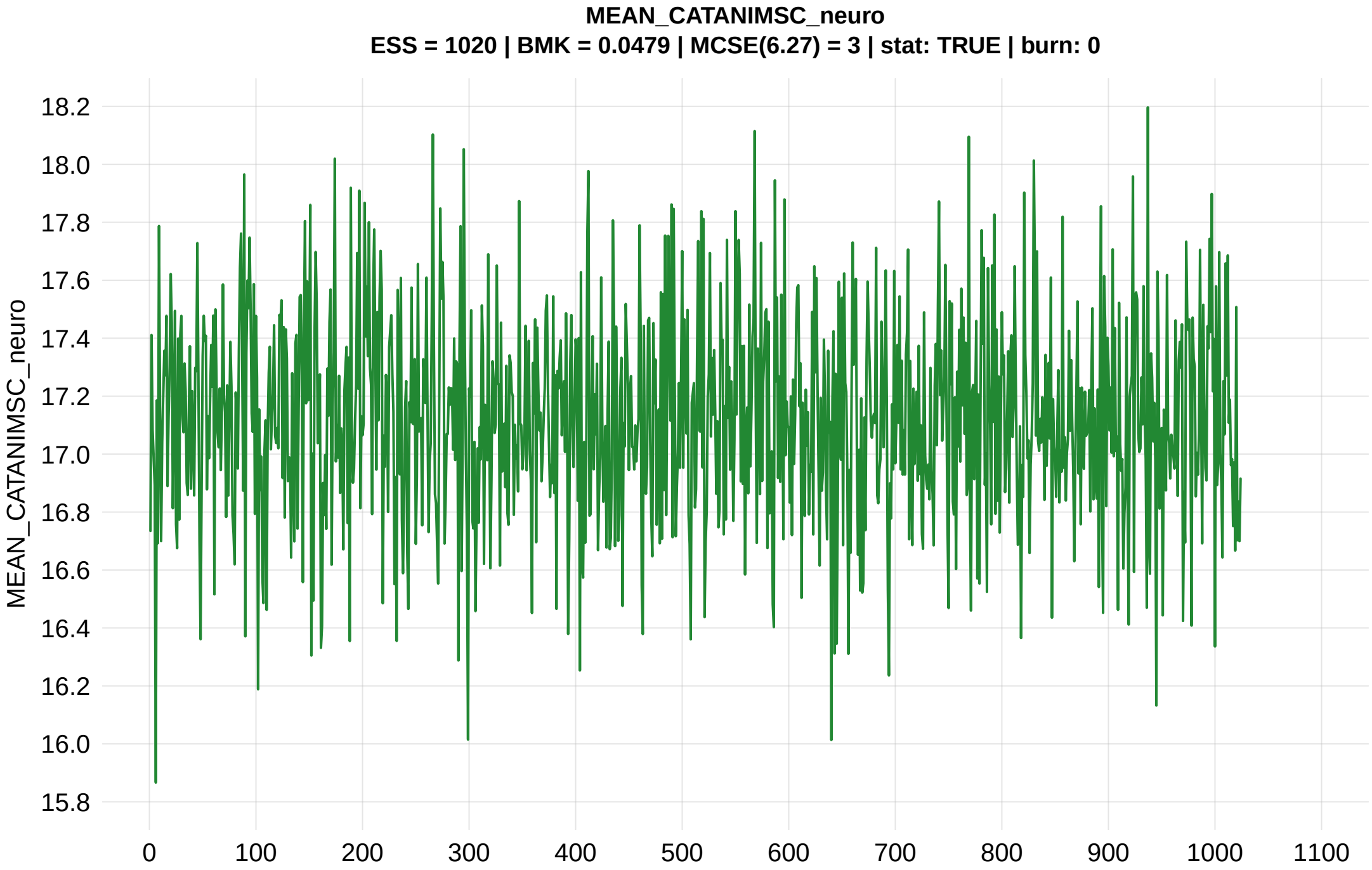

MEAN_RAVLT_immediate
ESS = 1020 | BMK = 0.0389 | MCSE(6.27) = 2.8 | stat: TRUE | burn: 0
MEAN_RAVLT_immediate
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
0
100
200
300
400
500
600
700
800
900
1000
1100

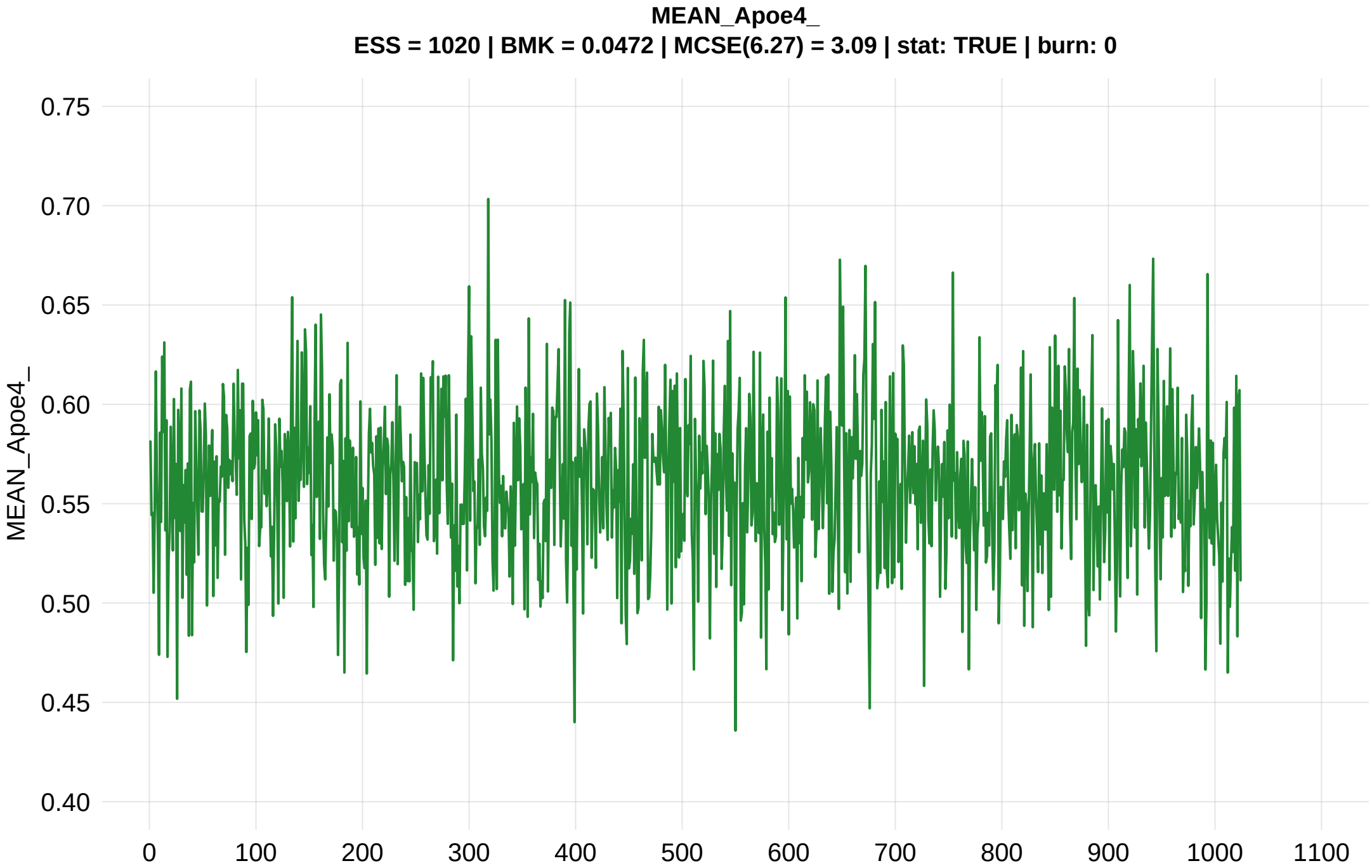

MEAN_AVDEL30MIN_neuro
ESS = 1020 | BMK = 0.0538 | MCSE(6.27) = 2.61 | stat: TRUE | burn: 0
MEAN_AVDEL30MIN_neuro
4.6
4.4
4.2
4.0
3.8
3.6
3.4
3.2
3.0
2.8
0
100
200
300
400
500
600
700
800
900
1000
1100

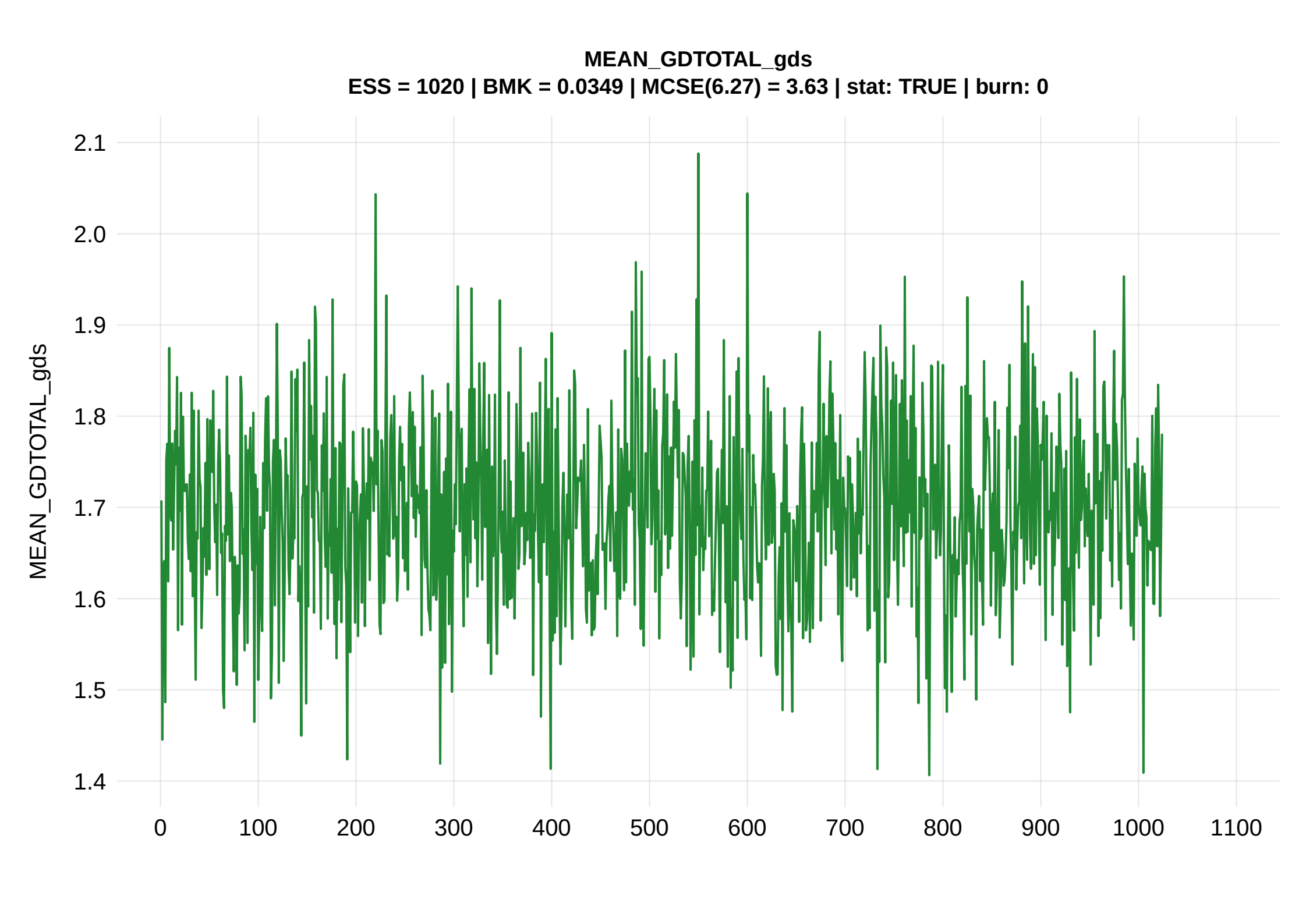

MEAN_AVDELTOT_neuro
ESS = 1020 | BMK = 0.0426 | MCSE(6.27) = 2.63 | stat: TRUE | burn: 0
MEAN_AVDELTOT_neuro
11.4
11.2
11.0
10.8
10.6
10.4
10.2
10.0
9.8
0
100
200
300
400
500
600
700
800
900
1000
1100

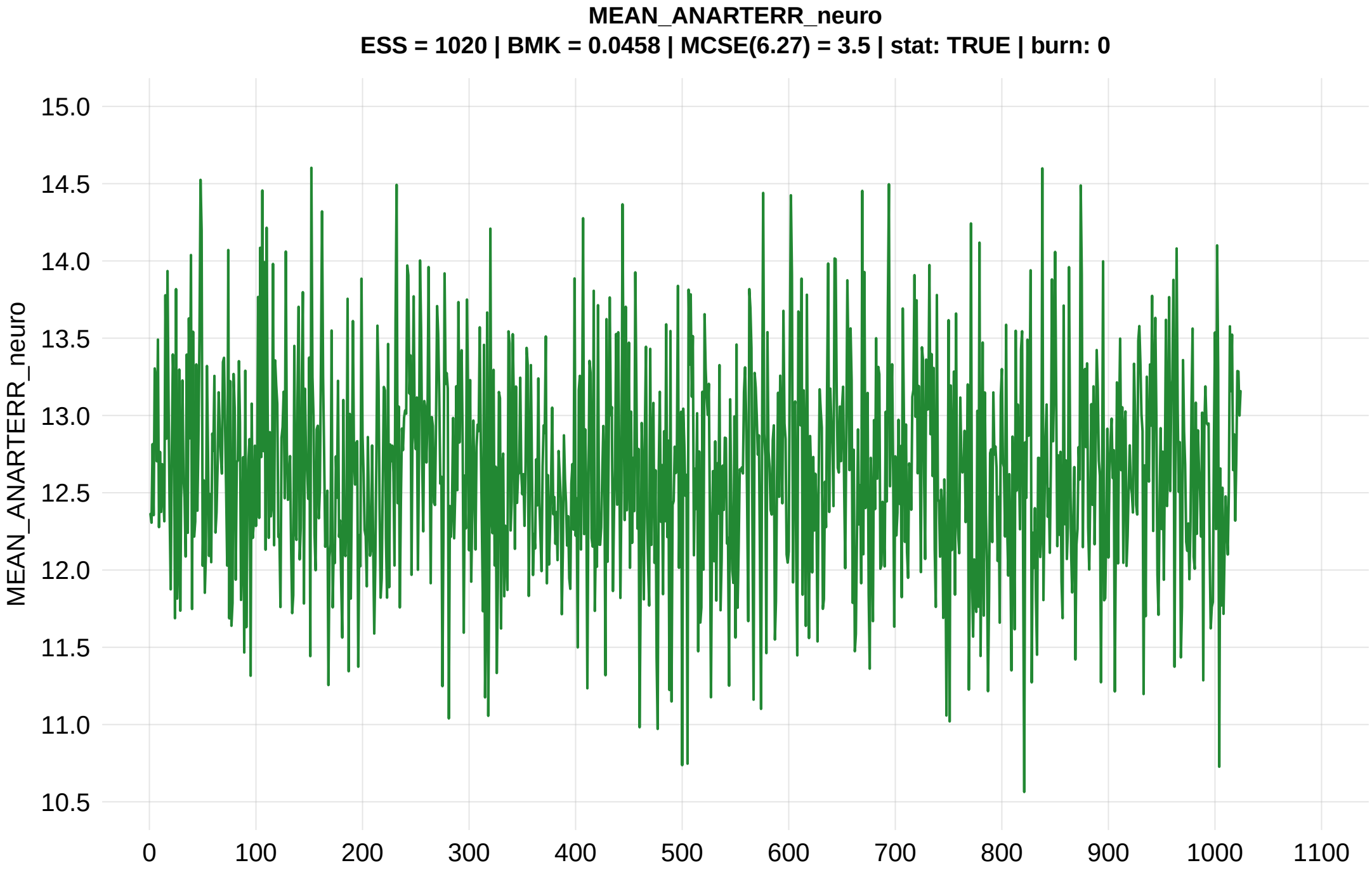

MEAN_TRAASCOR_neuro
ESS = 1020 | BMK = 0.0451 | MCSE(6.27) = 2.39 | stat: TRUE | burn: 0
MEAN_TRAASCOR_neuro
48
47
46
45
44
43
42
41
40
39
38
37
36
0
100
200
300
400
500
600
700
800
900
1000
1100

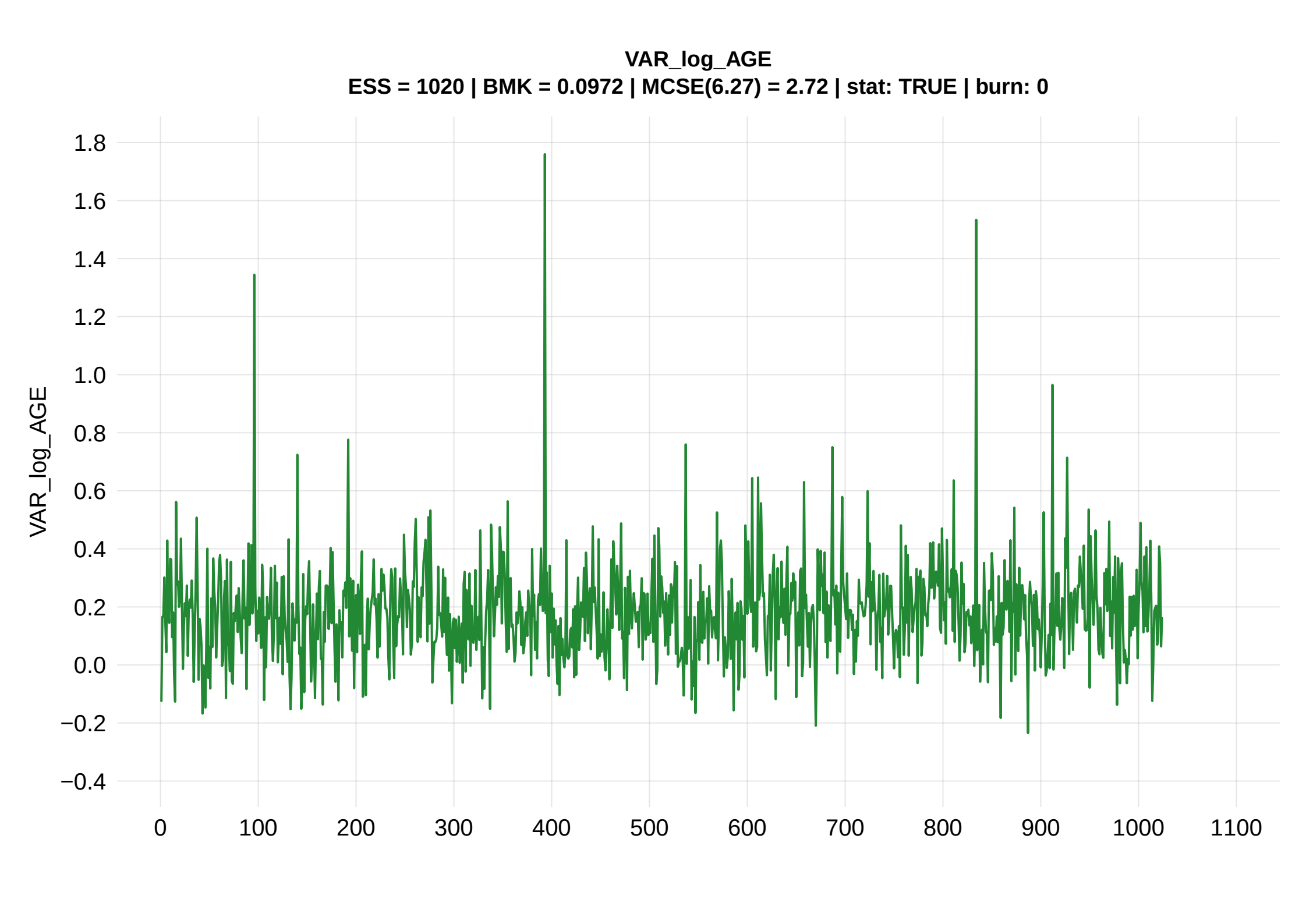

MEAN_TRABSCOR_neuro
ESS = 1020 | BMK = 0.0348 | MCSE(6.27) = 2.89 | stat: TRUE | burn: 0
MEAN_TRABSCOR_neuro
140
135
130
125
120
115
110
105
100
0
100
200
300
400
500
600
700
800
900
1000
1100

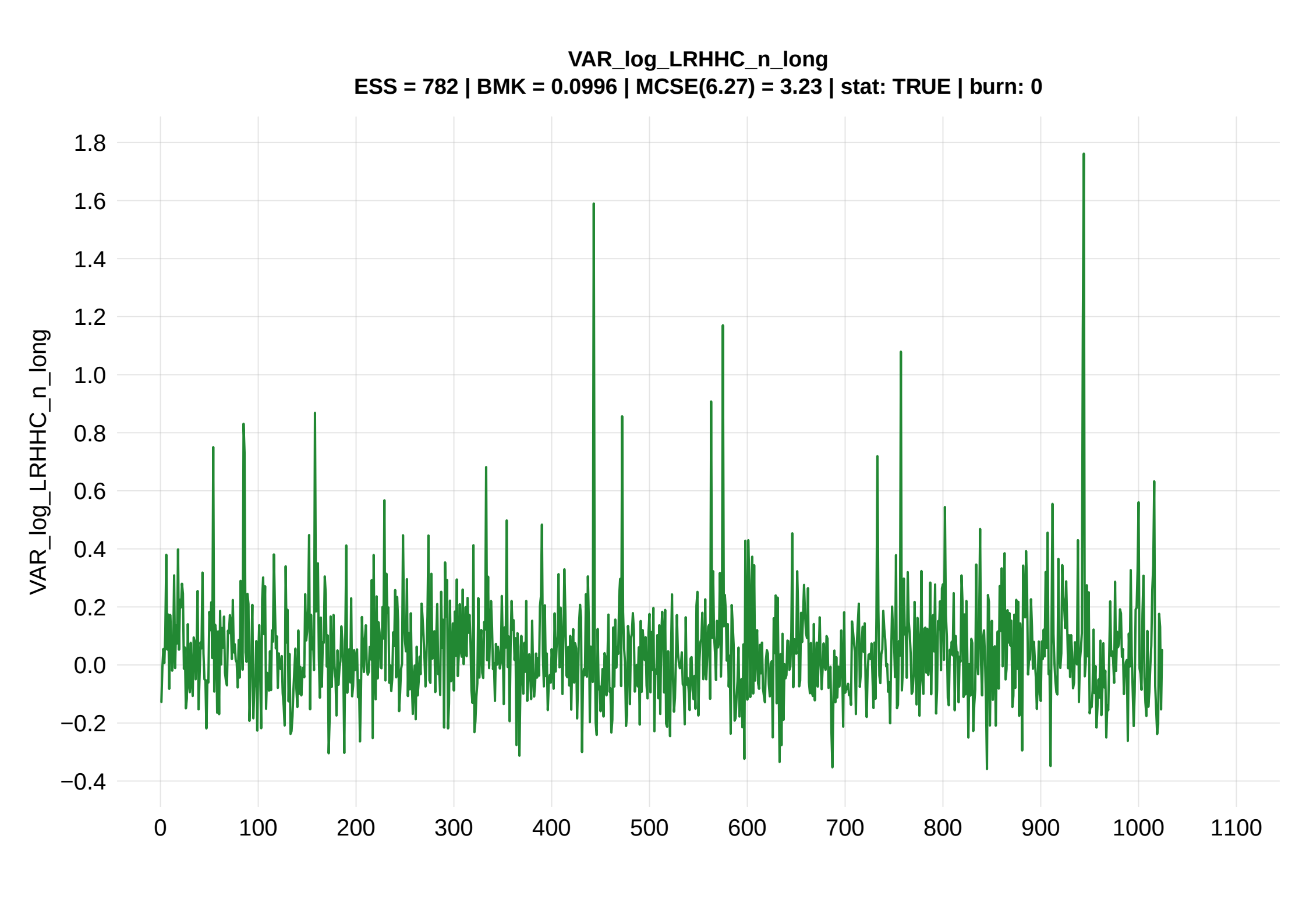

MEAN_CATANIMSC_neuro
ESS = 1020 | BMK = 0.0479 | MCSE(6.27) = 3 | stat: TRUE | burn: 0
MEAN_CATANIMSC_neuro
18.2
18.0
17.8
17.6
17.4
17.2
17.0
16.8
16.6
16.4
16.2
16.0
15.8
0
100
200
300
400
500
600
700
800
900
1000
1100

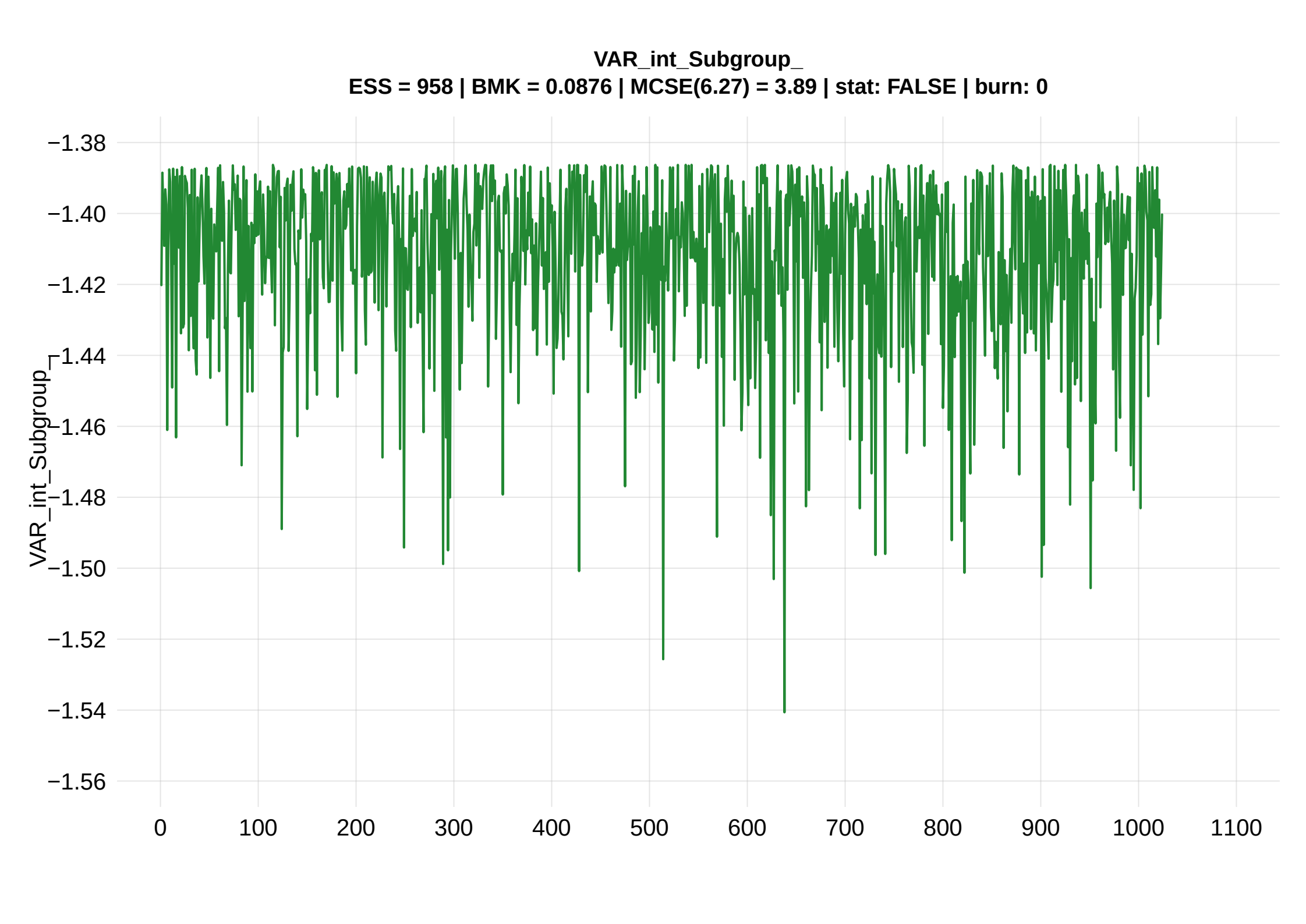

MEAN_Apoe4_
ESS = 1020 | BMK = 0.0472 | MCSE(6.27) = 3.09 | stat: TRUE | burn: 0
MEAN_Apoe4_
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0
100
200
300
400
500
600
700
800
900
1000
1100

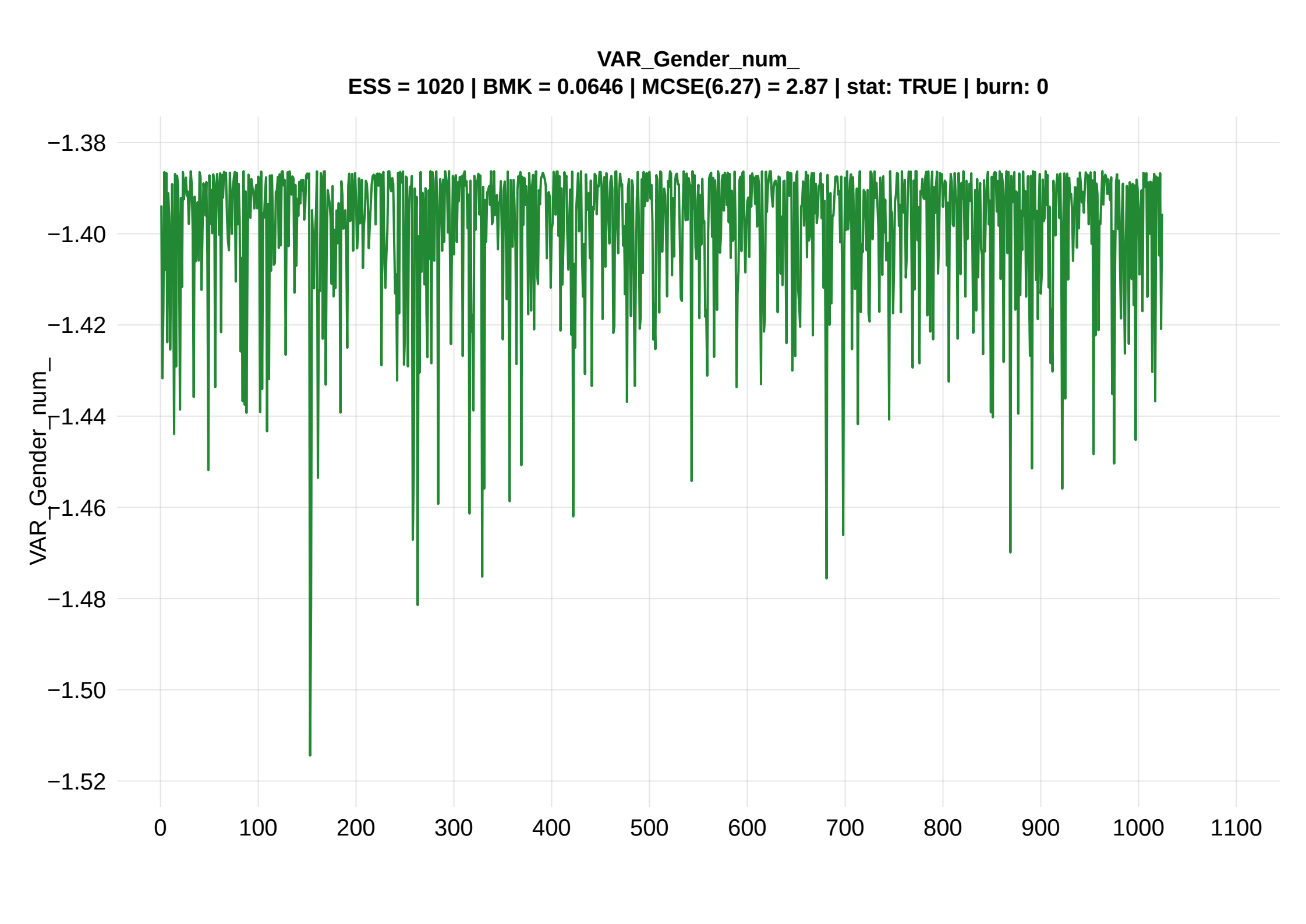

MEAN_GDTOTAL_gds
ESS = 1020 | BMK = 0.0349 | MCSE(6.27) = 3.63 | stat: TRUE | burn: 0
MEAN_GDTOTAL_gds
2.1
2.0
1.9
1.8
1.7
1.6
1.5
1.4
0
100
200
300
400
500
600
700
800
900
1000
1100

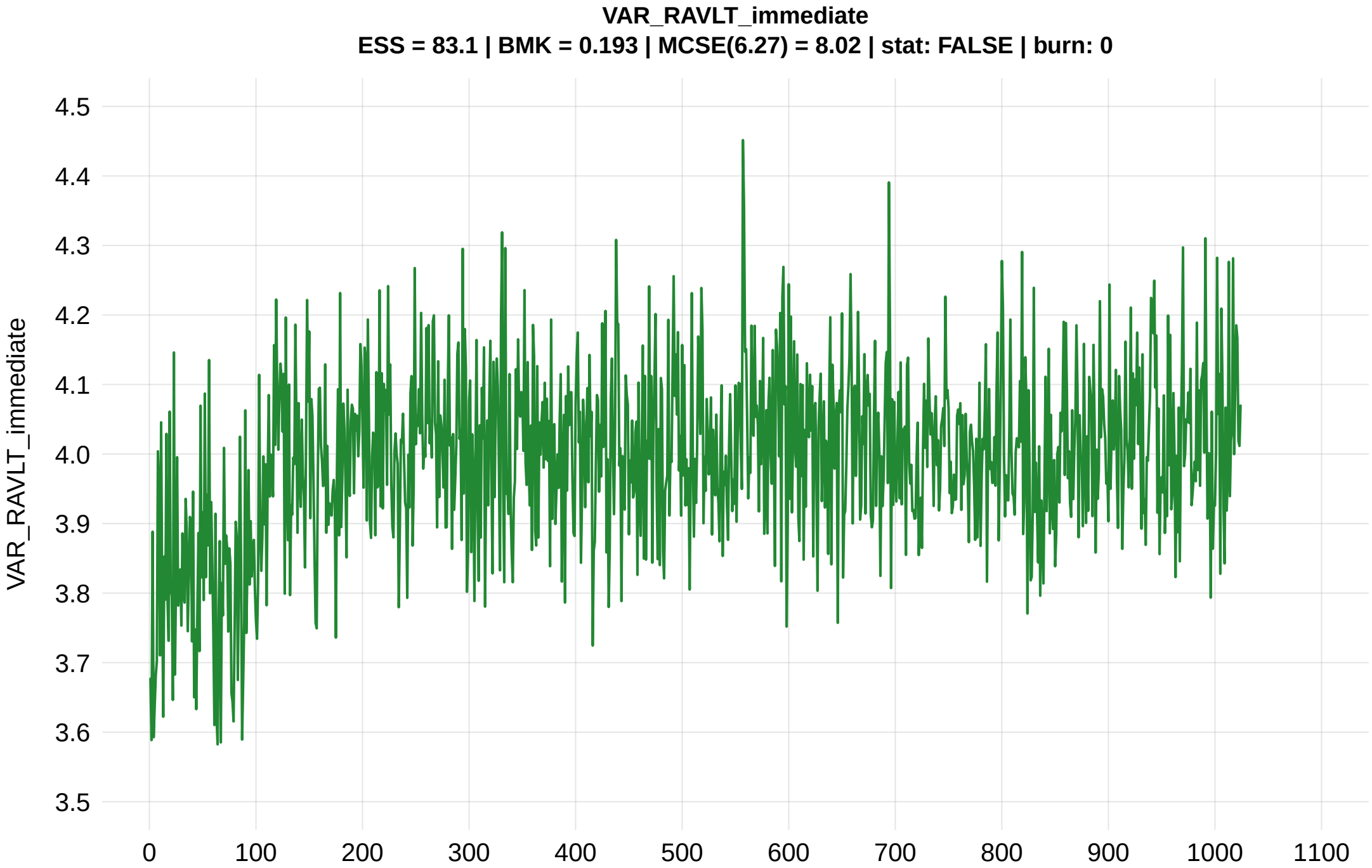

MEAN_ANARTERR_neuro
ESS = 1020 | BMK = 0.0458 | MCSE(6.27) = 3.5 | stat: TRUE | burn: 0
MEAN_ANARTERR_neuro
15.0
14.5
14.0
13.5
13.0
12.5
12.0
11.5
11.0
10.5
0
100
200
300
400
500
600
700
800
900
1000
1100

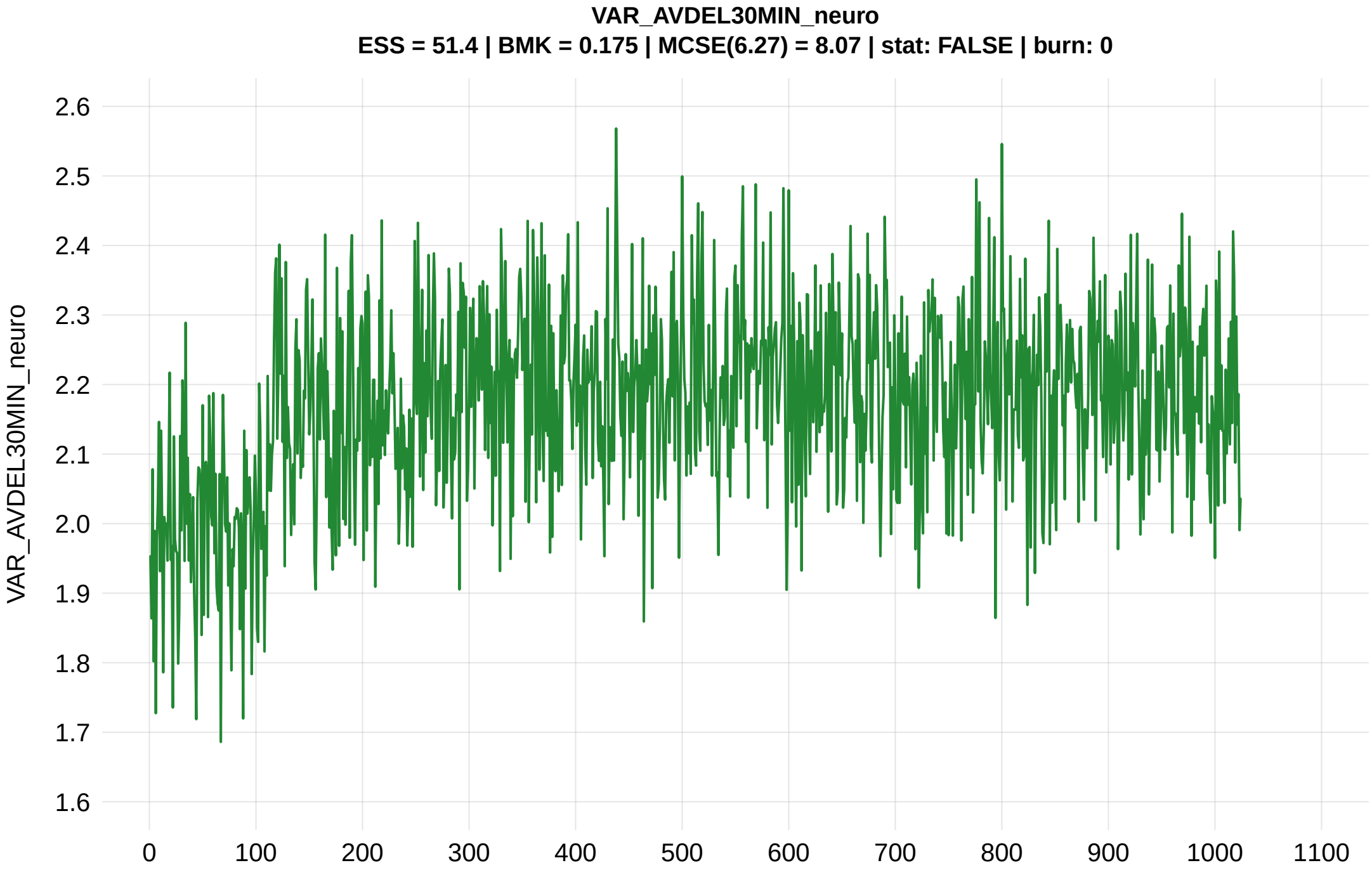

VAR_log_AGE
ESS = 1020 | BMK = 0.0972 | MCSE(6.27) = 2.72 | stat: TRUE | burn: 0
VAR_log_AGE
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0
100
200
300
400
500
600
700
800
900
1000
1100

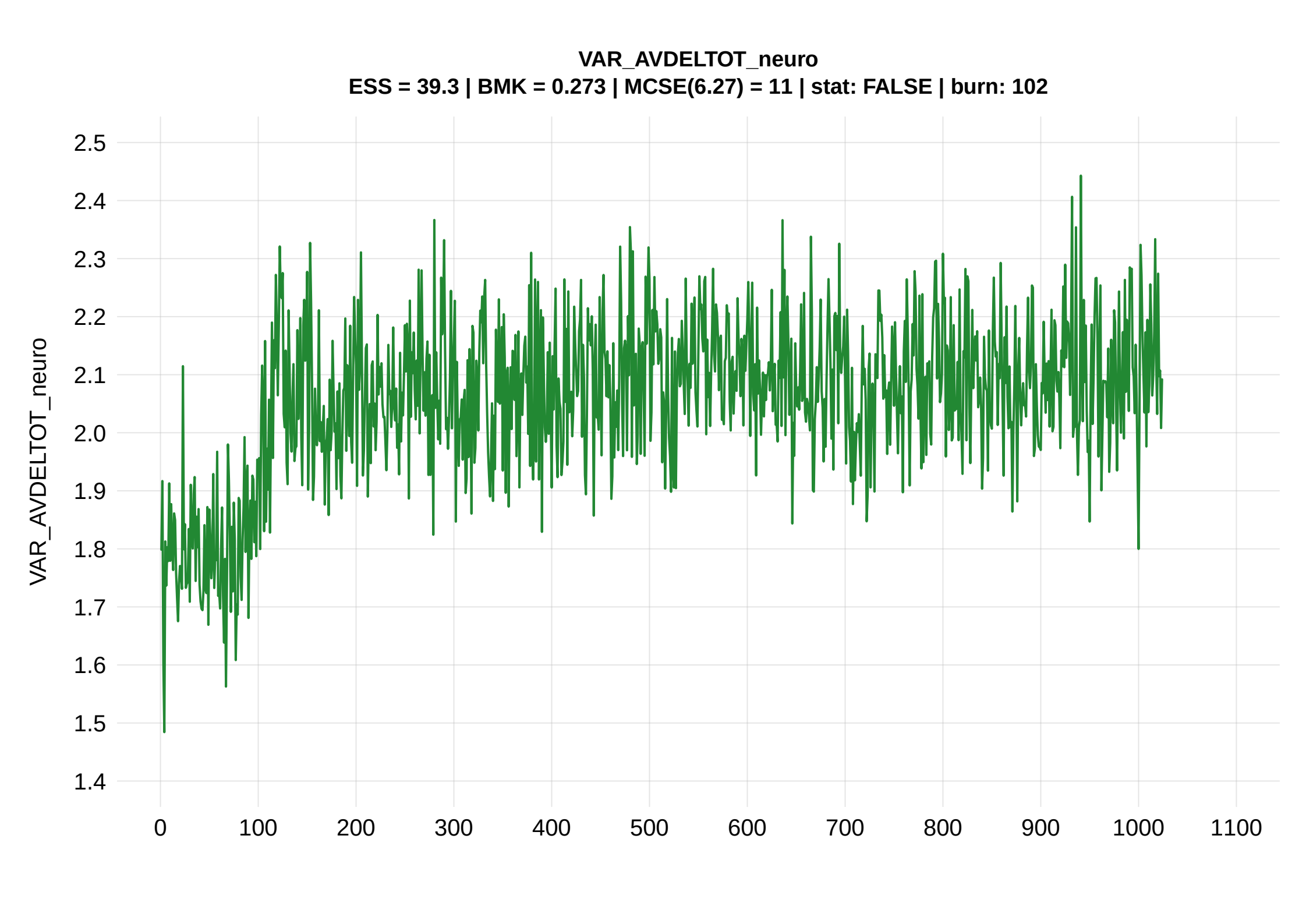

VAR_log_LRHHC_n_long
ESS = 782 | BMK = 0.0996 | MCSE(6.27) = 3.23 | stat: TRUE | burn: 0
VAR_log_LRHHC_n_long
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0
100
200
300
400
500
600
700
800
900
1000
1100

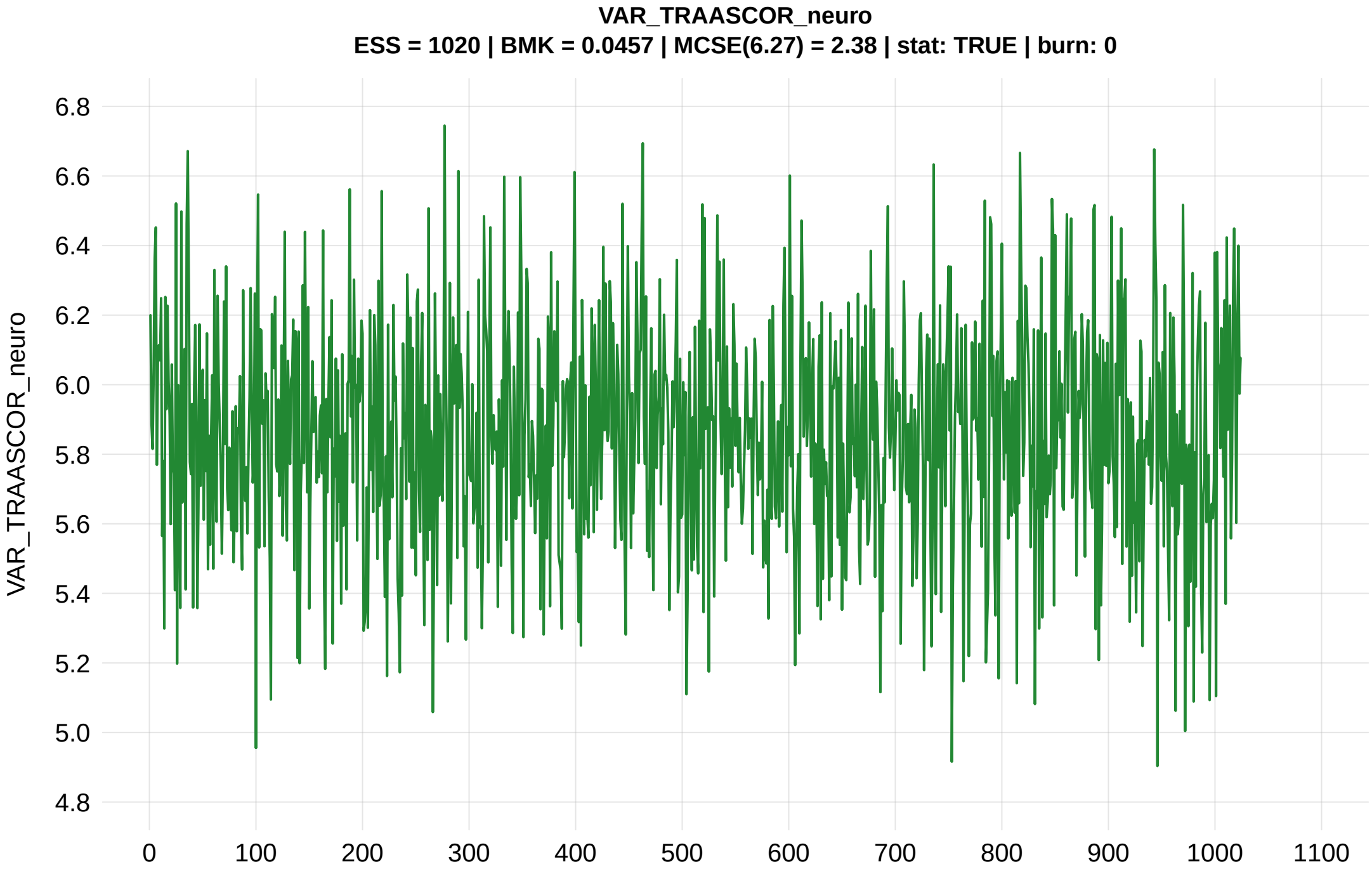

VAR_int_Subgroup_
ESS = 958 | BMK = 0.0876 | MCSE(6.27) = 3.89 | stat: FALSE | burn: 0
VAR_int_Subgroup_
−1.38
−1.40
−1.42
−1.44
−1.46
−1.48
−1.50
−1.52
−1.54
−1.56
0
100
200
300
400
500
600
700
800
900
1000
1100

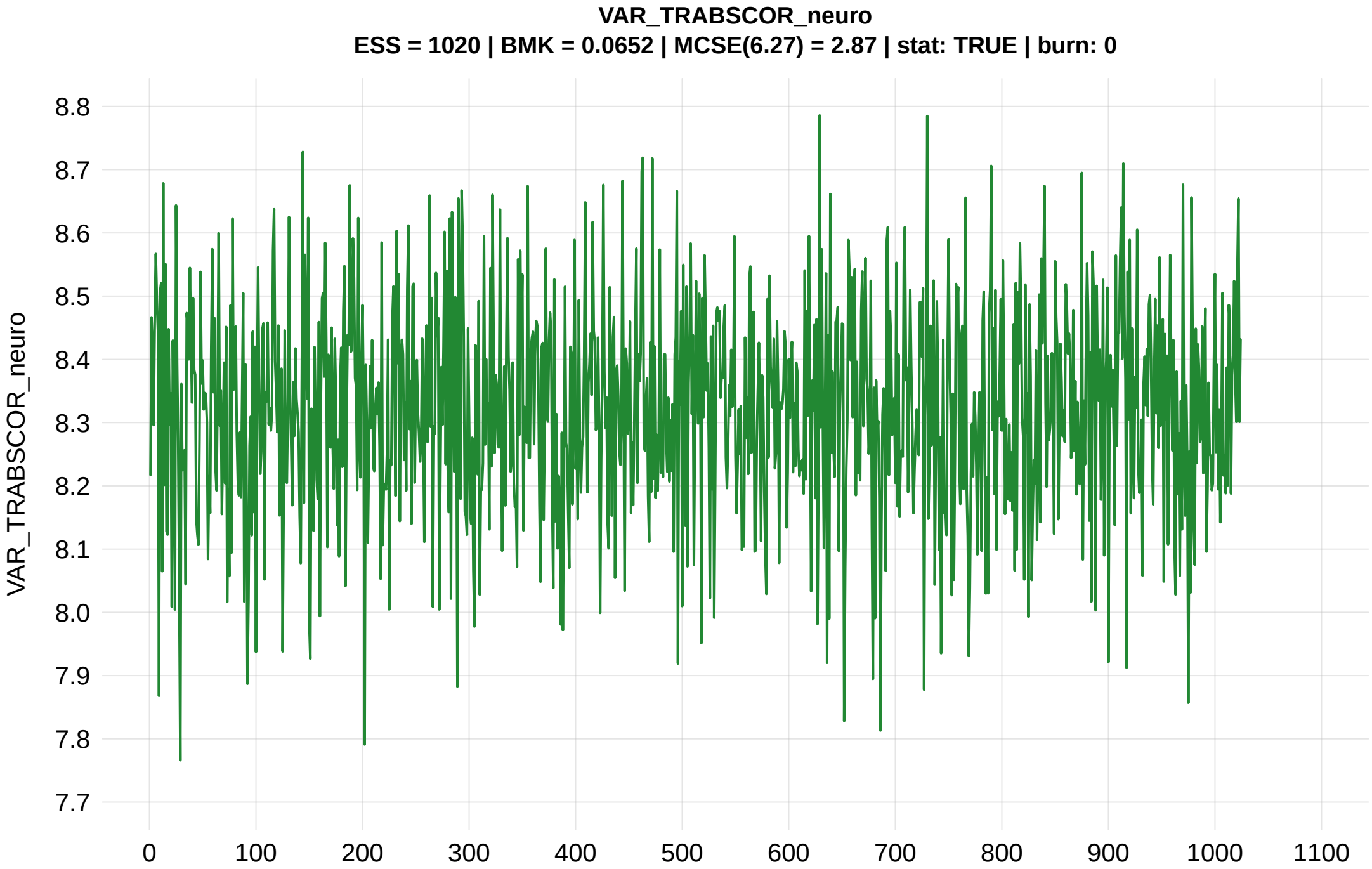

VAR_Gender_num_
ESS = 1020 | BMK = 0.0646 | MCSE(6.27) = 2.87 | stat: TRUE | burn: 0
VAR_Gender_num_
−1.38
−1.40
−1.42
−1.44
−1.46
−1.48
−1.50
−1.52
0
100
200
300
400
500
600
700
800
900
1000
1100

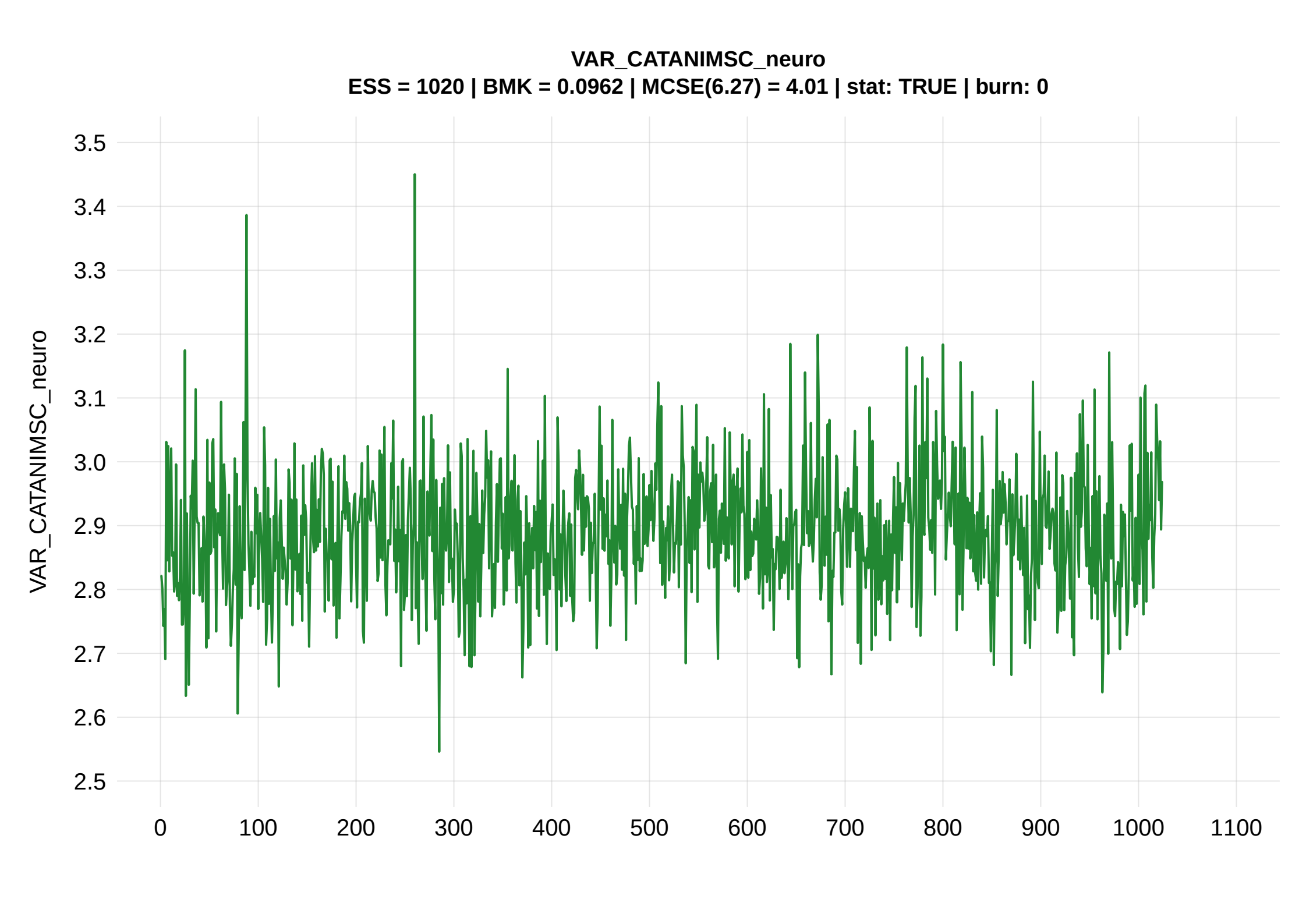

VAR_RAVLT_immediate
ESS = 83.1 | BMK = 0.193 | MCSE(6.27) = 8.02 | stat: FALSE | burn: 0
VAR_RAVLT_immediate
4.5
4.4
4.3
4.2
4.1
4.0
3.9
3.8
3.7
3.6
3.5
0
100
200
300
400
500
600
700
800
900
1000
1100

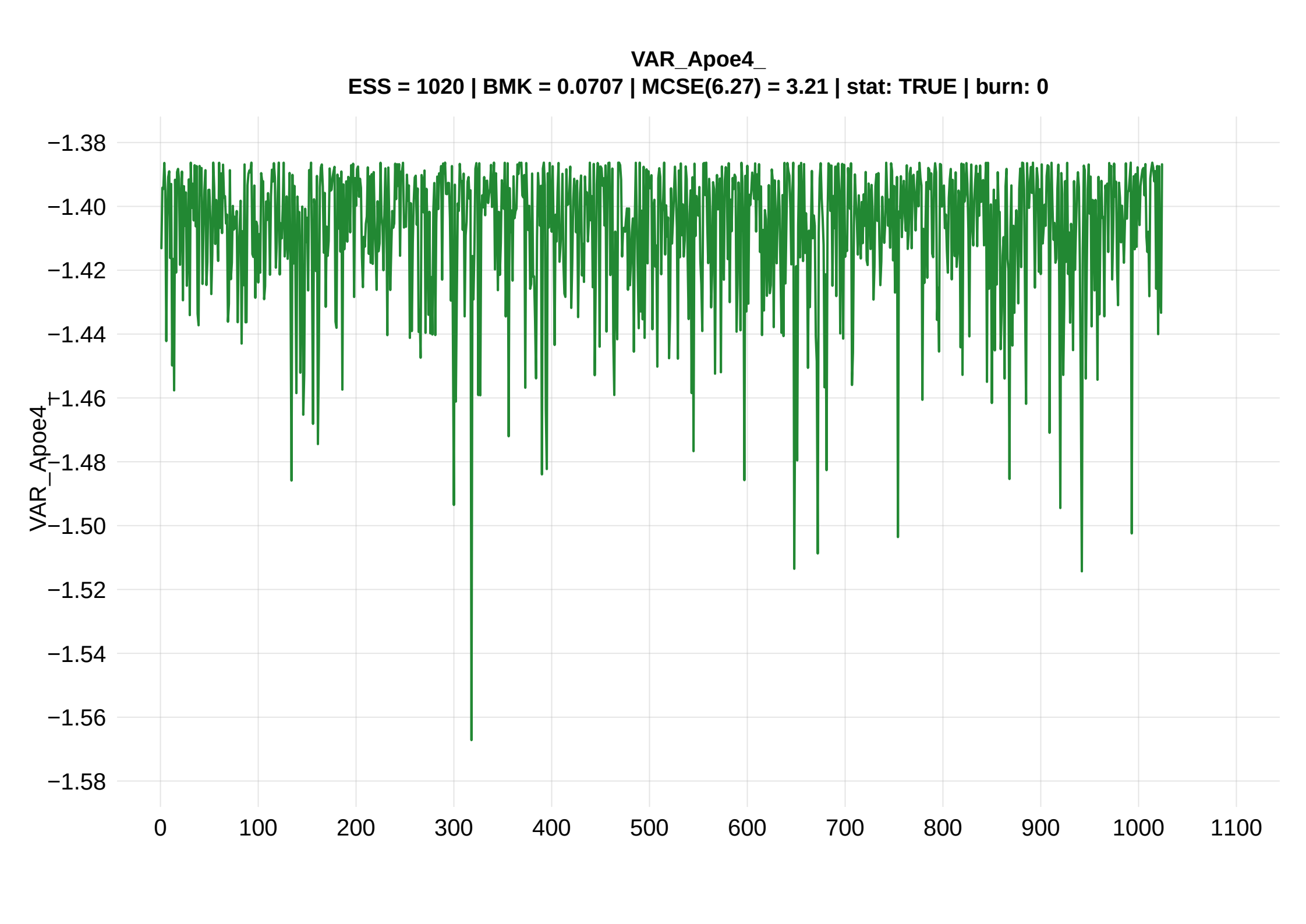

VAR_AVDEL30MIN_neuro
ESS = 51.4 | BMK = 0.175 | MCSE(6.27) = 8.07 | stat: FALSE | burn: 0
VAR_AVDEL30MIN_neuro
2.6
2.5
2.4
2.3
2.2
2.1
2.0
1.9
1.8
1.7
1.6
0
100
200
300
400
500
600
700
800
900
1000
1100

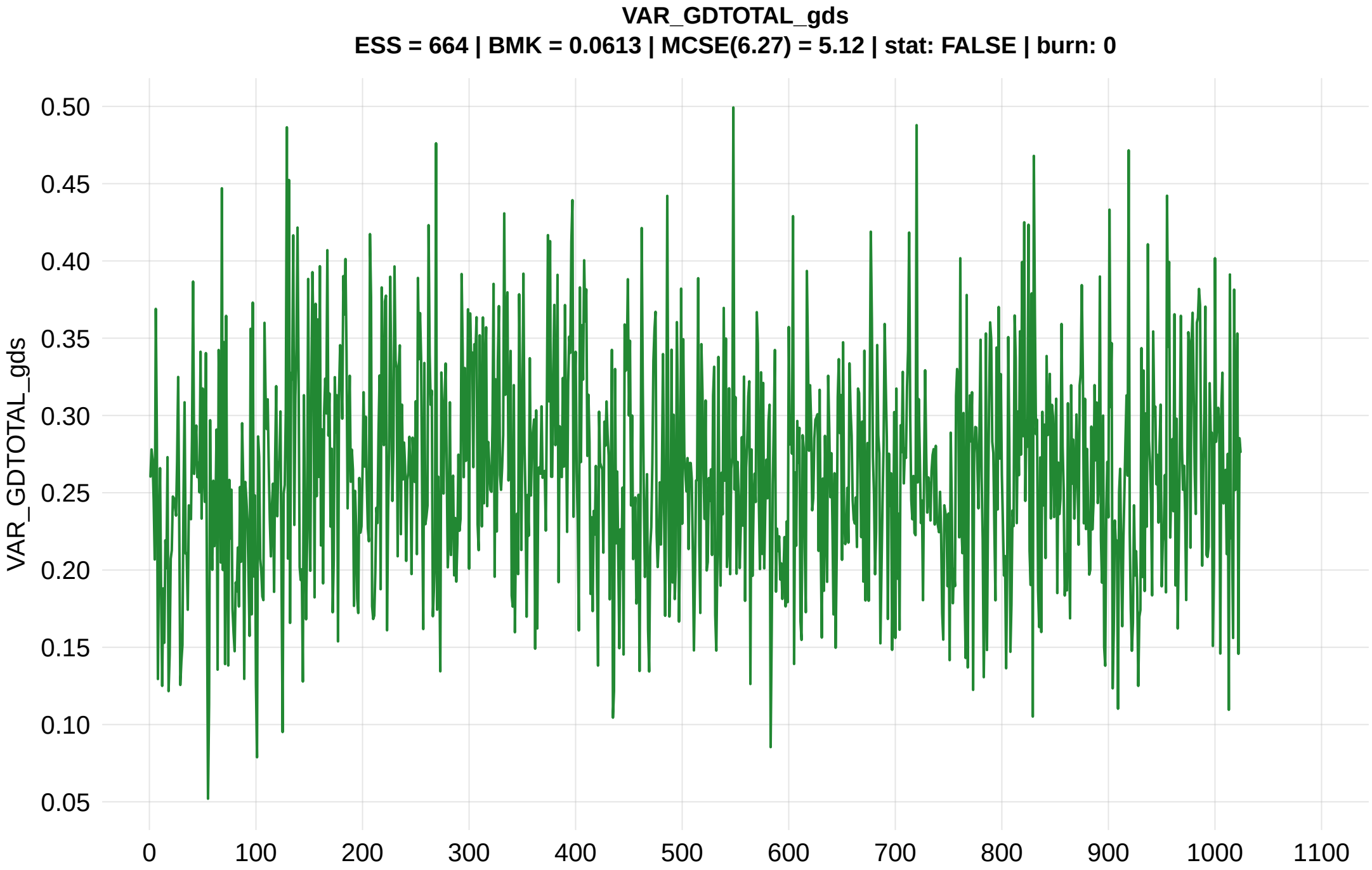

VAR_AVDELTOT_neuro
ESS = 39.3 | BMK = 0.273 | MCSE(6.27) = 11 | stat: FALSE | burn: 102
VAR_AVDELTOT_neuro
2.5
2.4
2.3
2.2
2.1
2.0
1.9
1.8
1.7
1.6
1.5
1.4
0
100
200
300
400
500
600
700
800
900
1000
1100

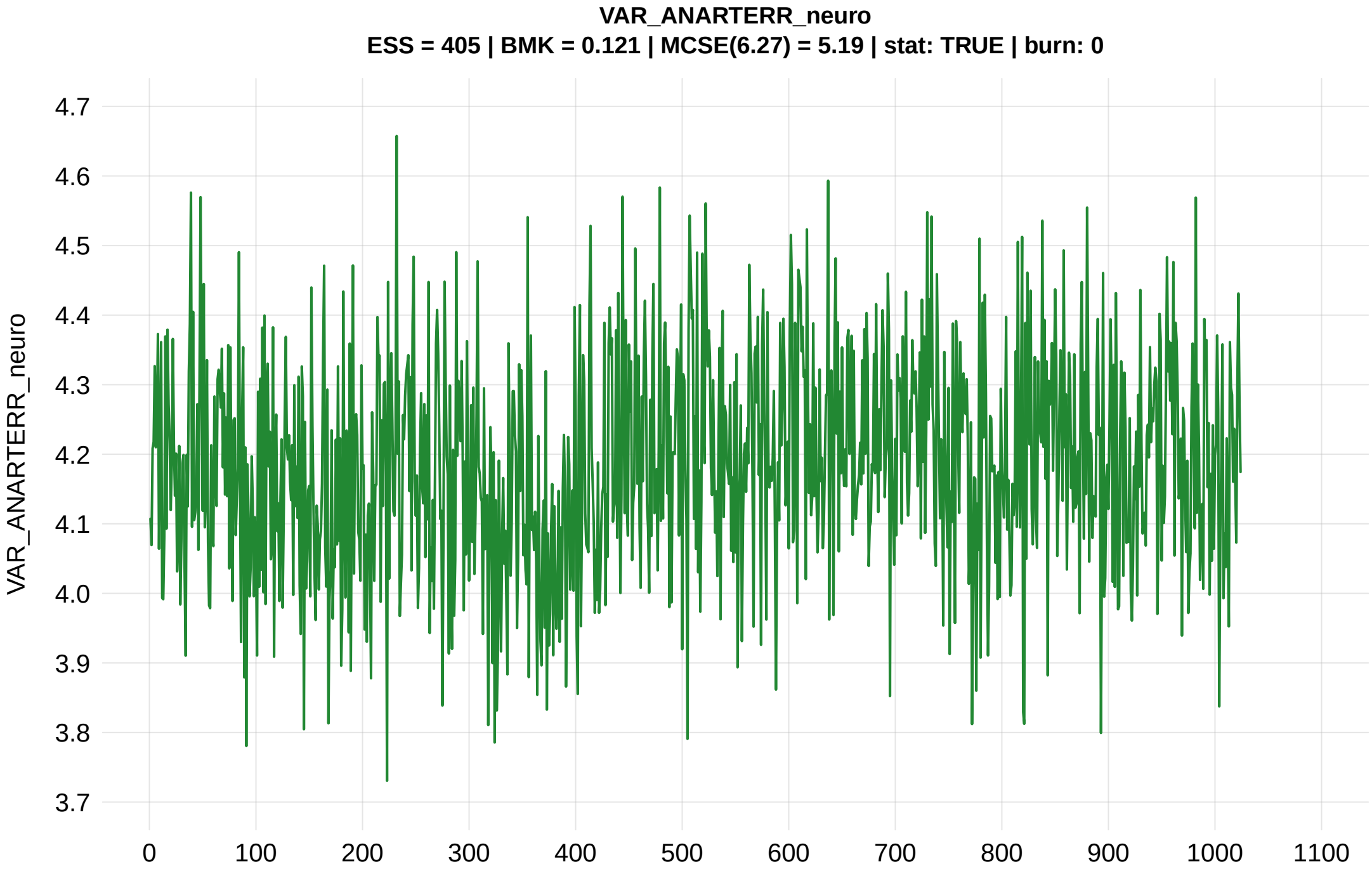

VAR_TRAASCOR_neuro
ESS = 1020 | BMK = 0.0457 | MCSE(6.27) = 2.38 | stat: TRUE | burn: 0
VAR_TRAASCOR_neuro
6.8
6.6
6.4
6.2
6.0
5.8
5.6
5.4
5.2
5.0
4.8
0
100
200
300
400
500
600
700
800
900
1000
1100

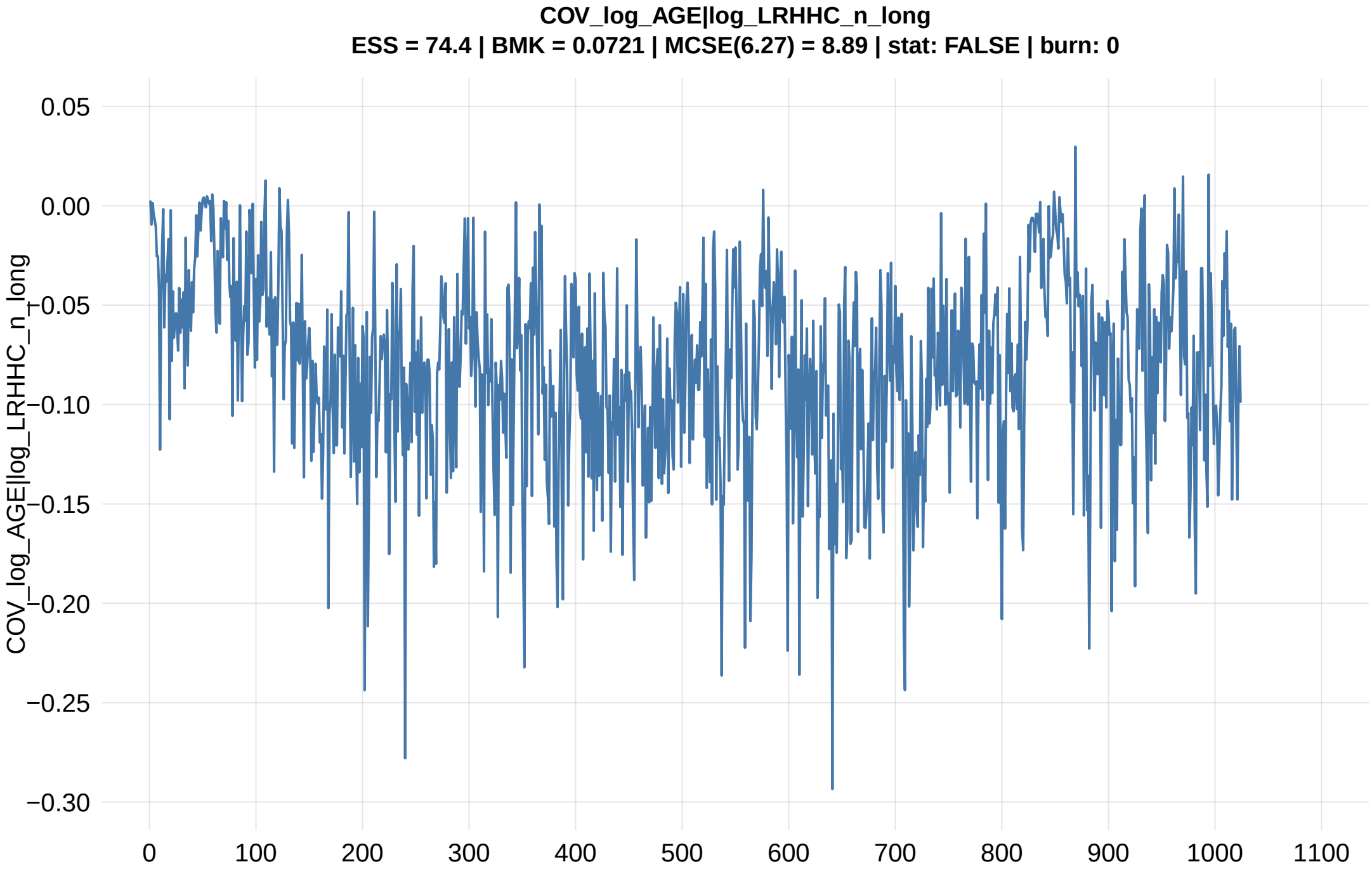

VAR_TRABSCOR_neuro
ESS = 1020 | BMK = 0.0652 | MCSE(6.27) = 2.87 | stat: TRUE | burn: 0
VAR_TRABSCOR_neuro
8.8
8.7
8.6
8.5
8.4
8.3
8.2
8.1
8.0
7.9
7.8
7.7
0
100
200
300
400
500
600
700
800
900
1000
1100

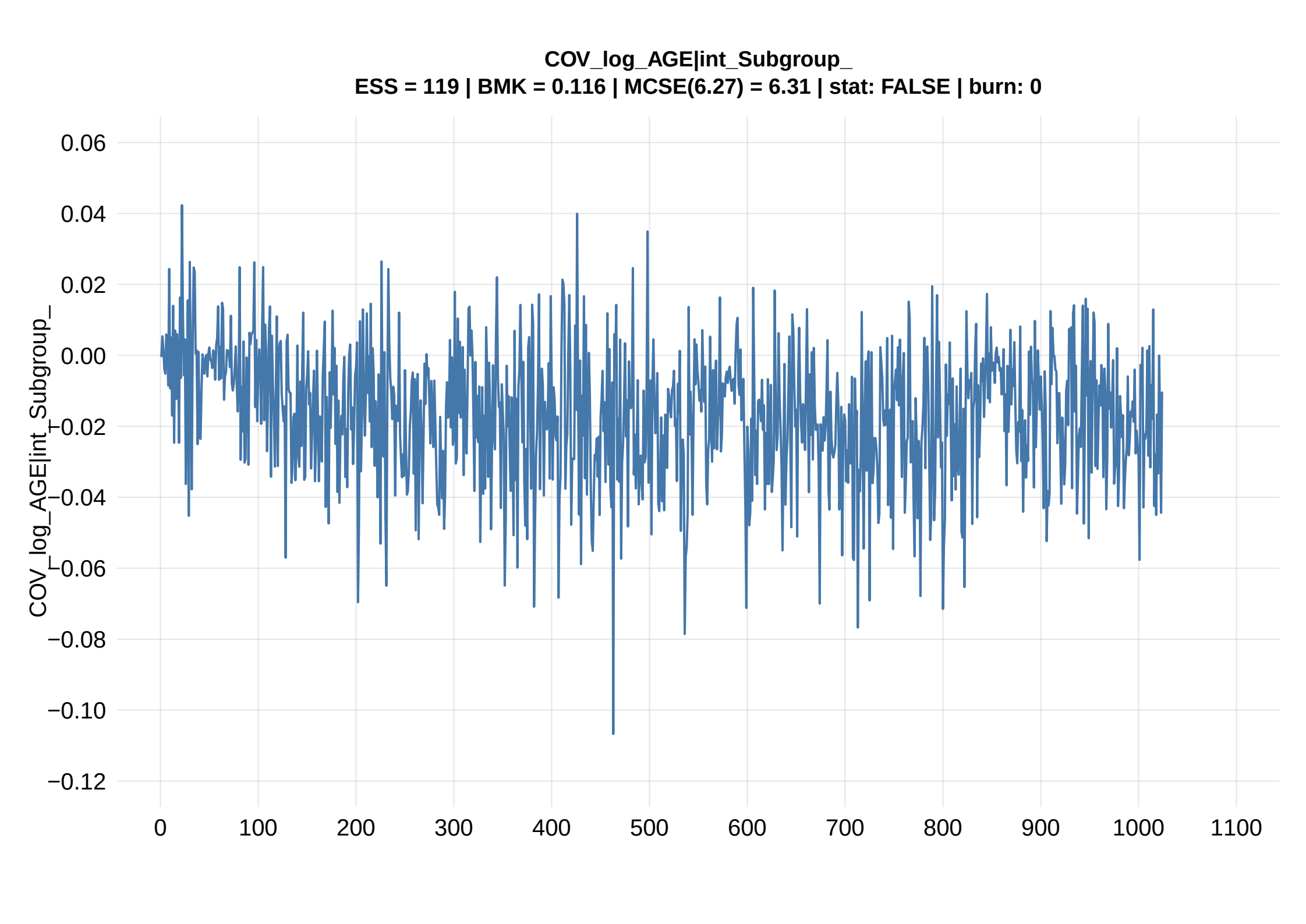

VAR_CATANIMSC_neuro
ESS = 1020 | BMK = 0.0962 | MCSE(6.27) = 4.01 | stat: TRUE | burn: 0
VAR_CATANIMSC_neuro
3.5
3.4
3.3
3.2
3.1
3.0
2.9
2.8
2.7
2.6
2.5
0
100
200
300
400
500
600
700
800
900
1000
1100

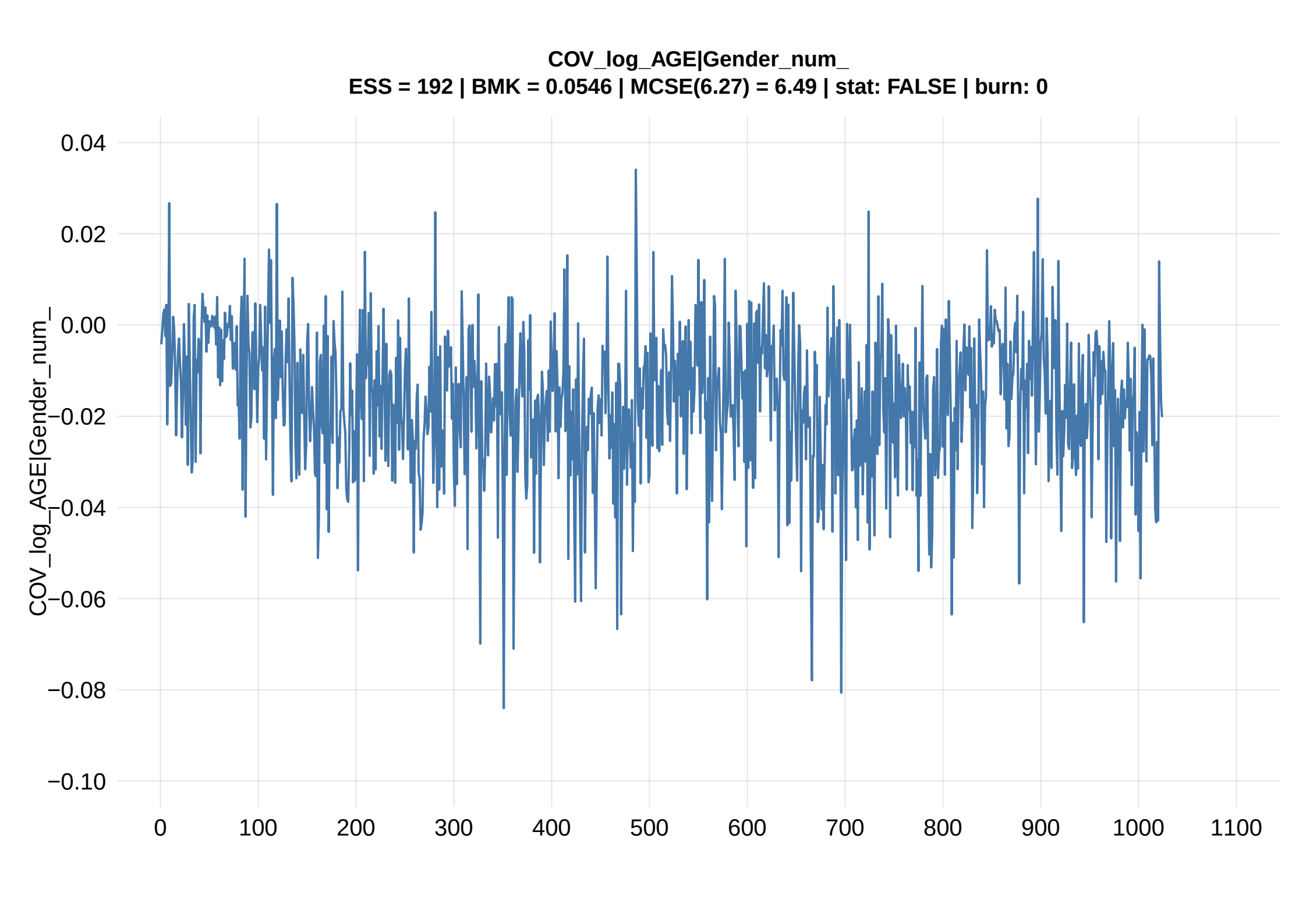

VAR_Apoe4_
ESS = 1020 | BMK = 0.0707 | MCSE(6.27) = 3.21 | stat: TRUE | burn: 0
VAR_Apoe4
−1.38
−1.40
−1.42
−1.44
−1.46
−1.48
−1.50
−1.52
−1.54
−1.56
−1.58
0
100
200
300
400
500
600
700
800
900
1000
1100

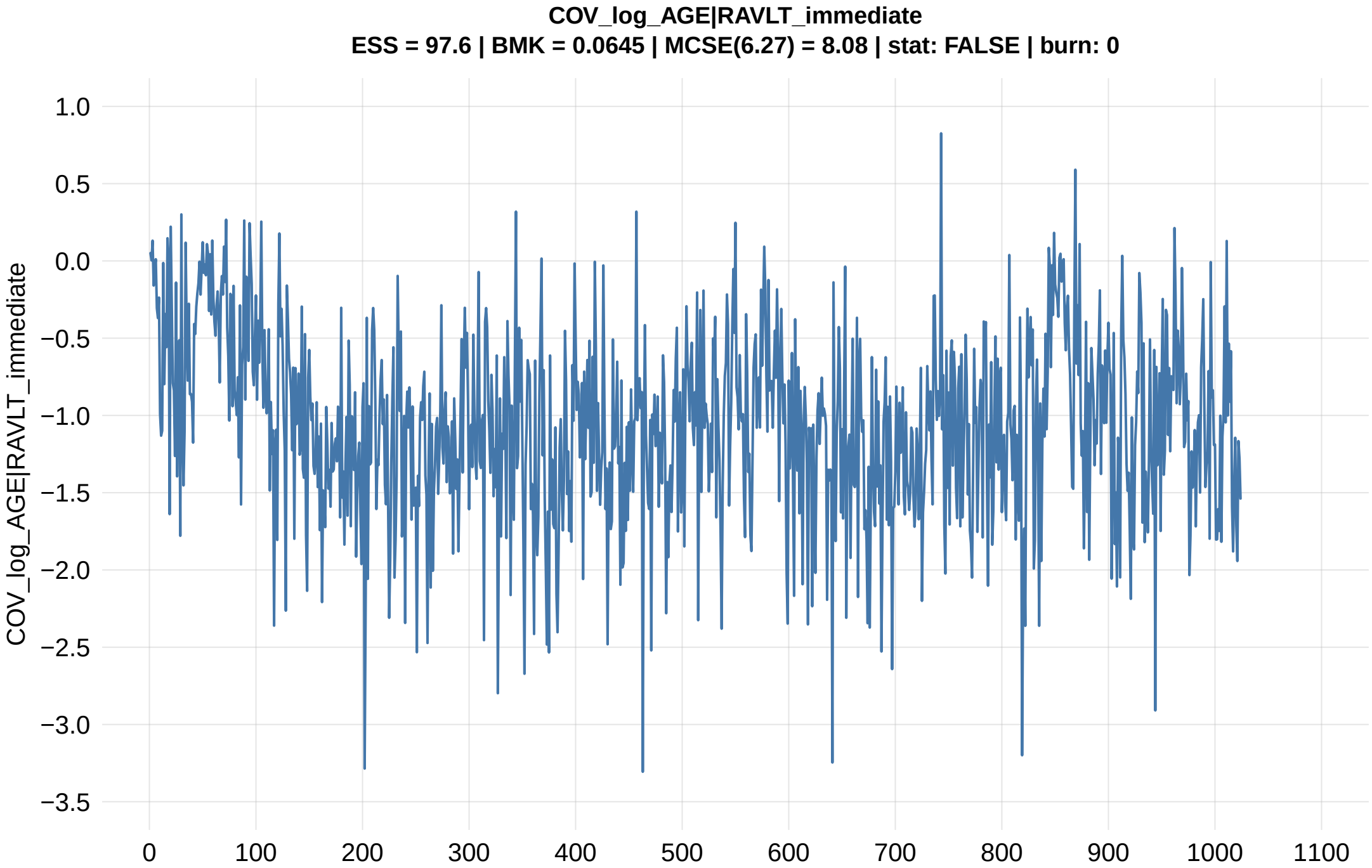

VAR_GDTOTAL_gds
ESS = 664 | BMK = 0.0613 | MCSE(6.27) = 5.12 | stat: FALSE | burn: 0
VAR_GDTOTAL_gds
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0
100
200
300
400
500
600
700
800
900
1000
1100

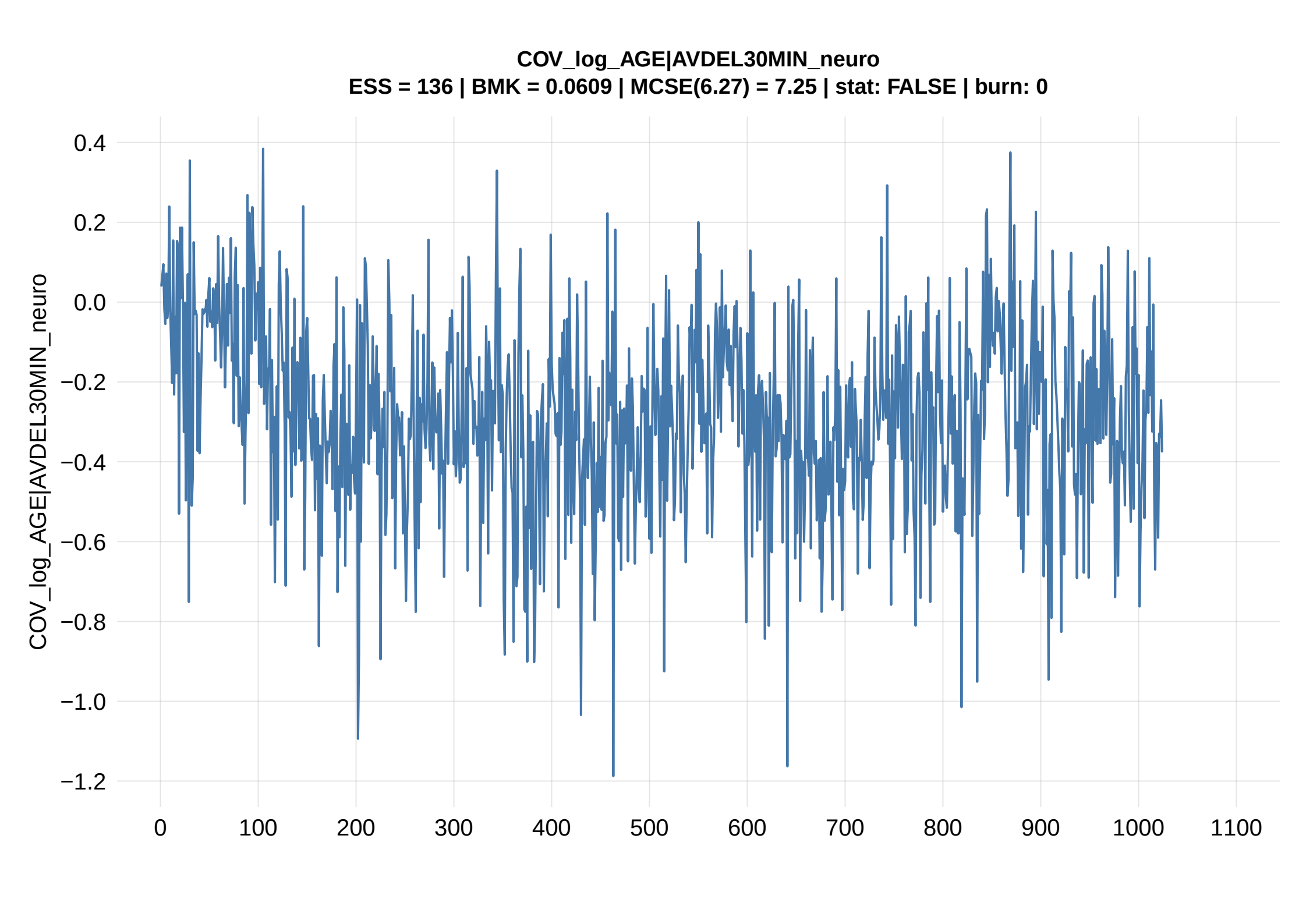

VAR_ANARTERR_neuro
ESS = 405 | BMK = 0.121 | MCSE(6.27) = 5.19 | stat: TRUE | burn: 0
VAR_ANARTERR_neuro
4.7
4.6
4.5
4.4
4.3
4.2
4.1
4.0
3.9
3.8
3.7
0
100
200
300
400
500
600
700
800
900
1000
1100

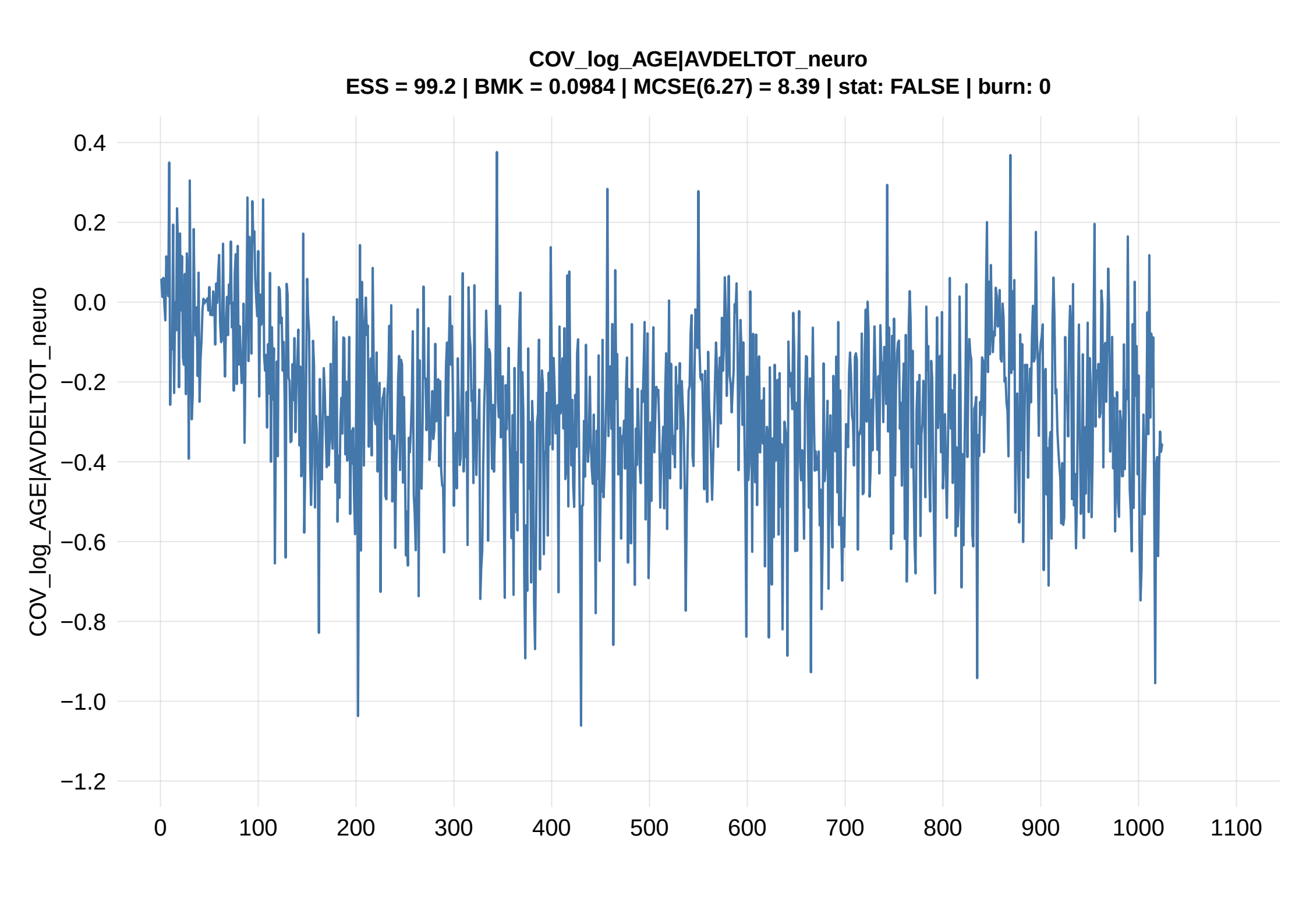

COV_log_AGE|log_LRHHC_n_long
ESS = 74.4 | BMK = 0.0721 | MCSE(6.27) = 8.89 | stat: FALSE | burn: 0
COV_log_AGE|log_LRHHC_n_long
0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
0
100
200
300
400
500
600
700
800
900
1000
1100

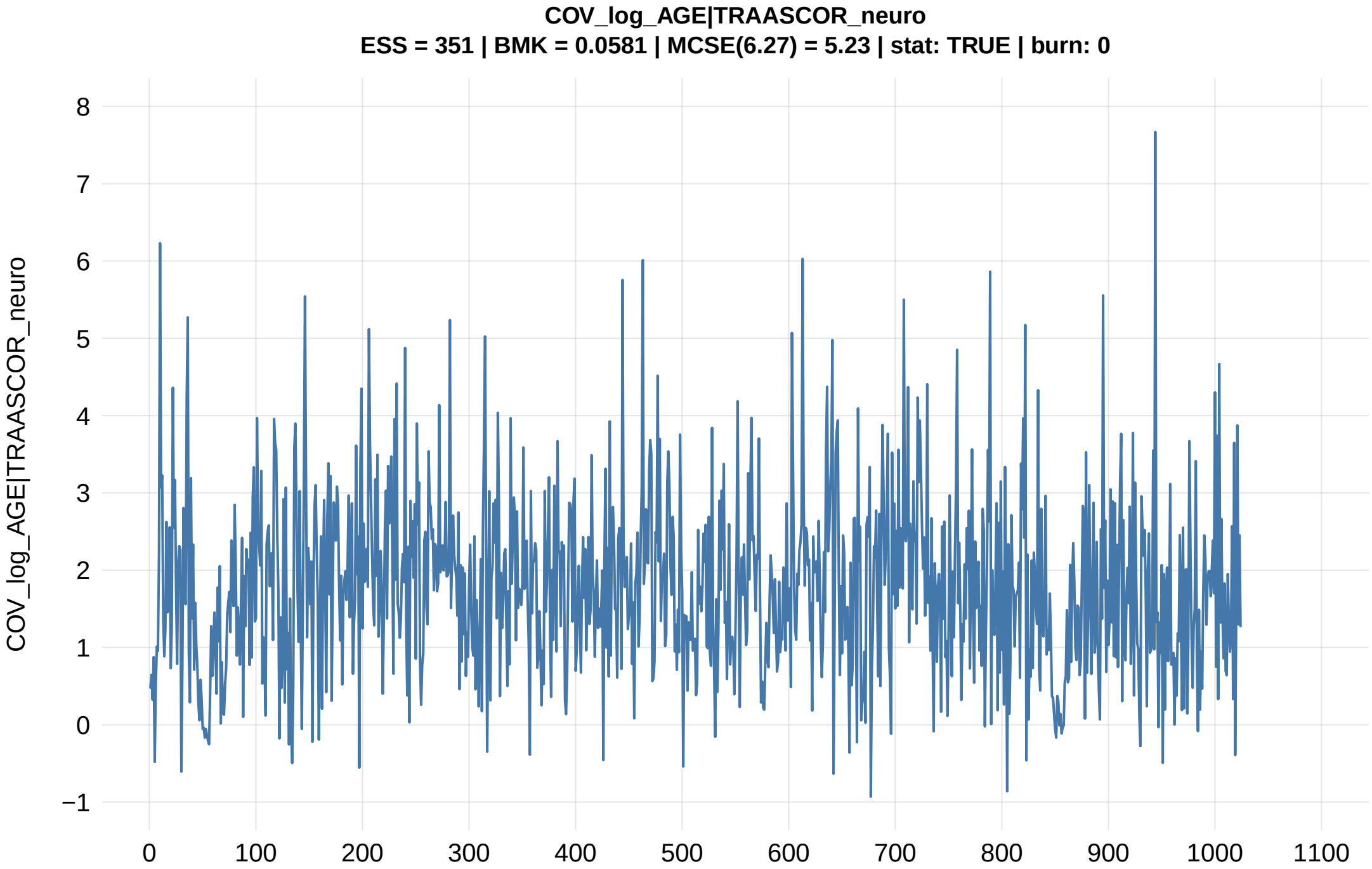

COV_log_AGE|int_Subgroup_
ESS = 119 | BMK = 0.116 | MCSE(6.27) = 6.31 | stat: FALSE | burn: 0
COV_log_AGE|int_Subgroup_
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
0
100
200
300
400
500
600
700
800
900
1000
1100

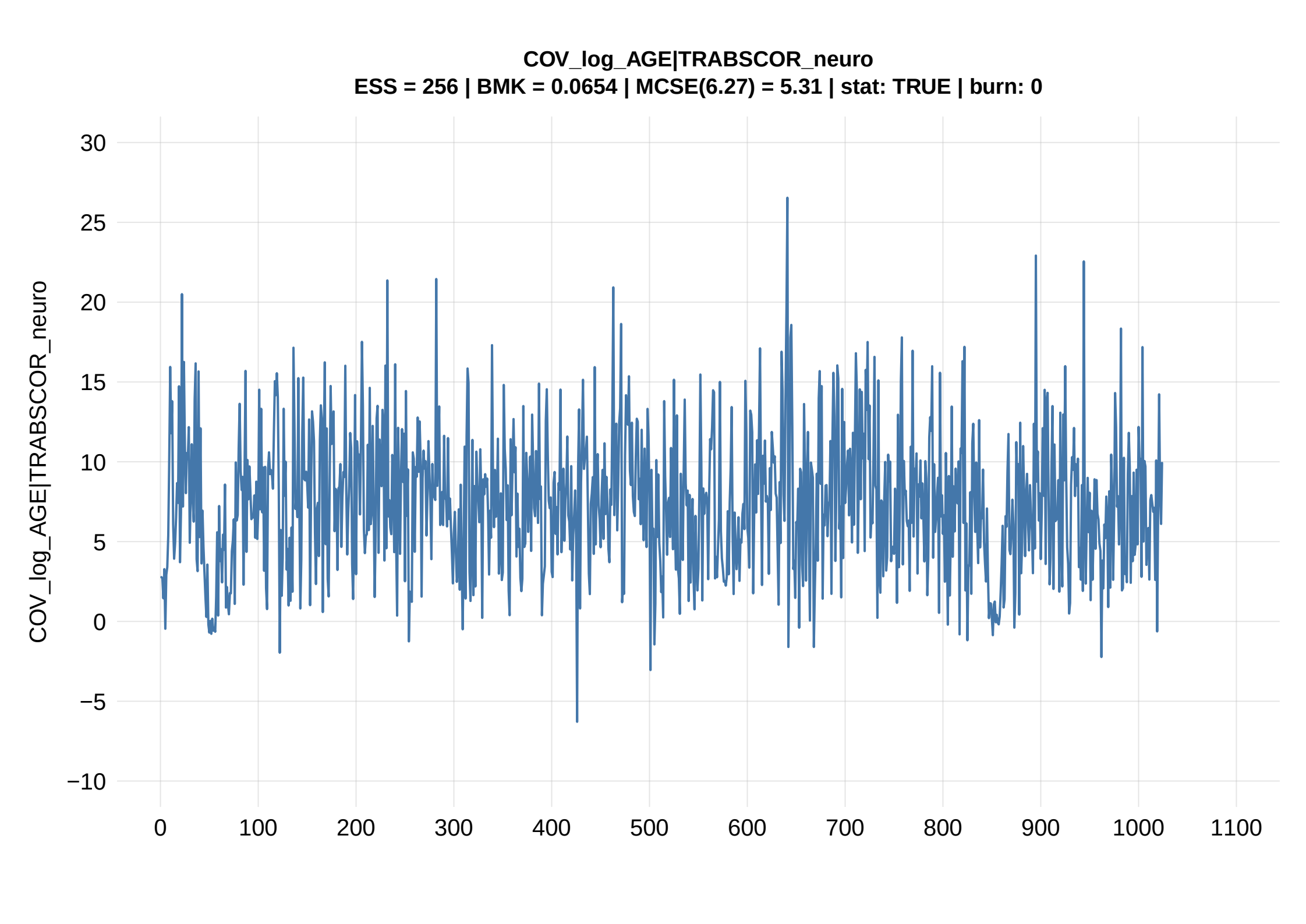

COV_log_AGE|Gender_num_
ESS = 192 | BMK = 0.0546 | MCSE(6.27) = 6.49 | stat: FALSE | burn: 0
COV_log_AGE|Gender_num_
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
0
100
200
300
400
500
600
700
800
900
1000
1100

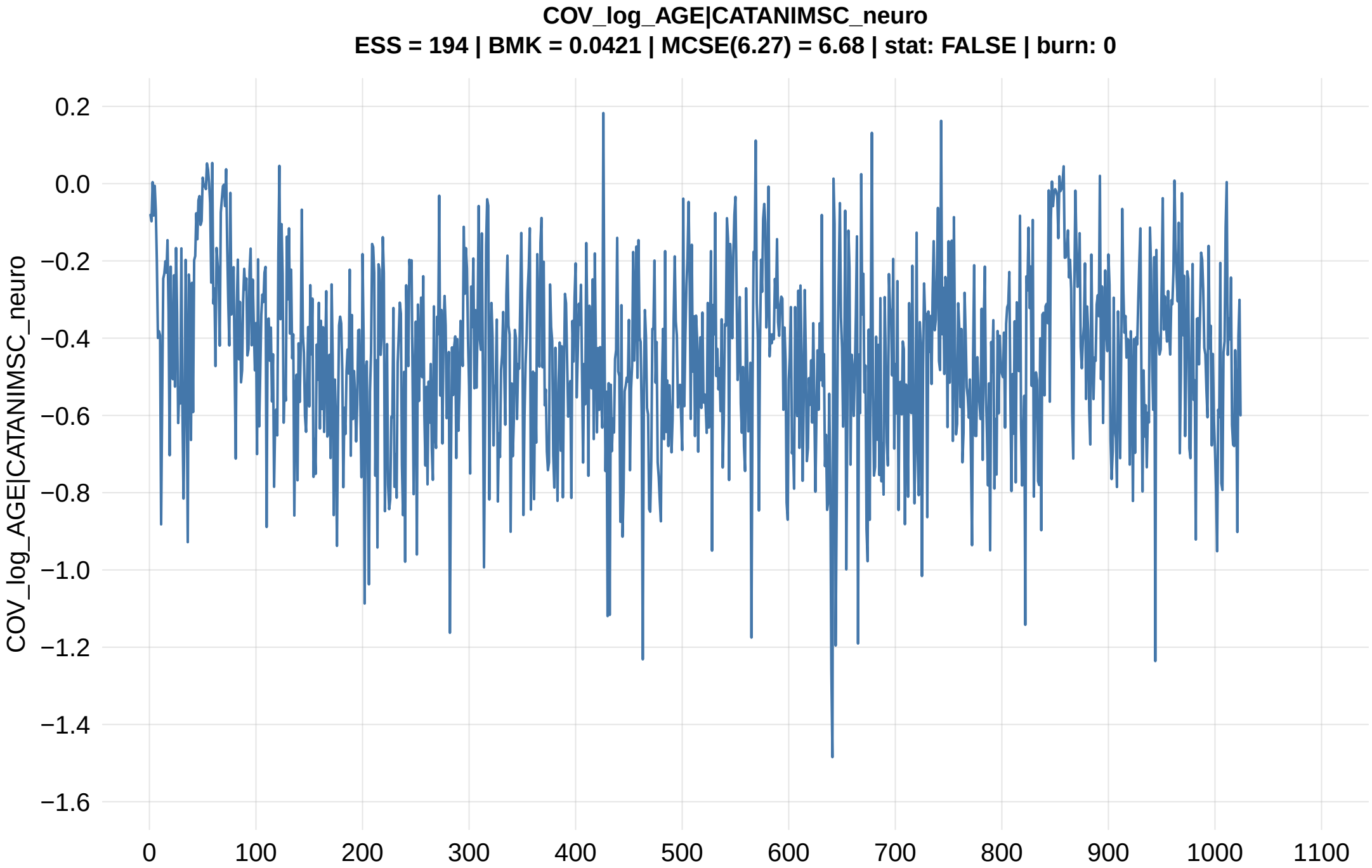

COV_log_AGE|RAVLT_immediate
ESS = 97.6 | BMK = 0.0645 | MCSE(6.27) = 8.08 | stat: FALSE | burn: 0
COV_log_AGE|RAVLT_immediate
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
−3.5
0
100
200
300
400
500
600
700
800
900
1000
1100

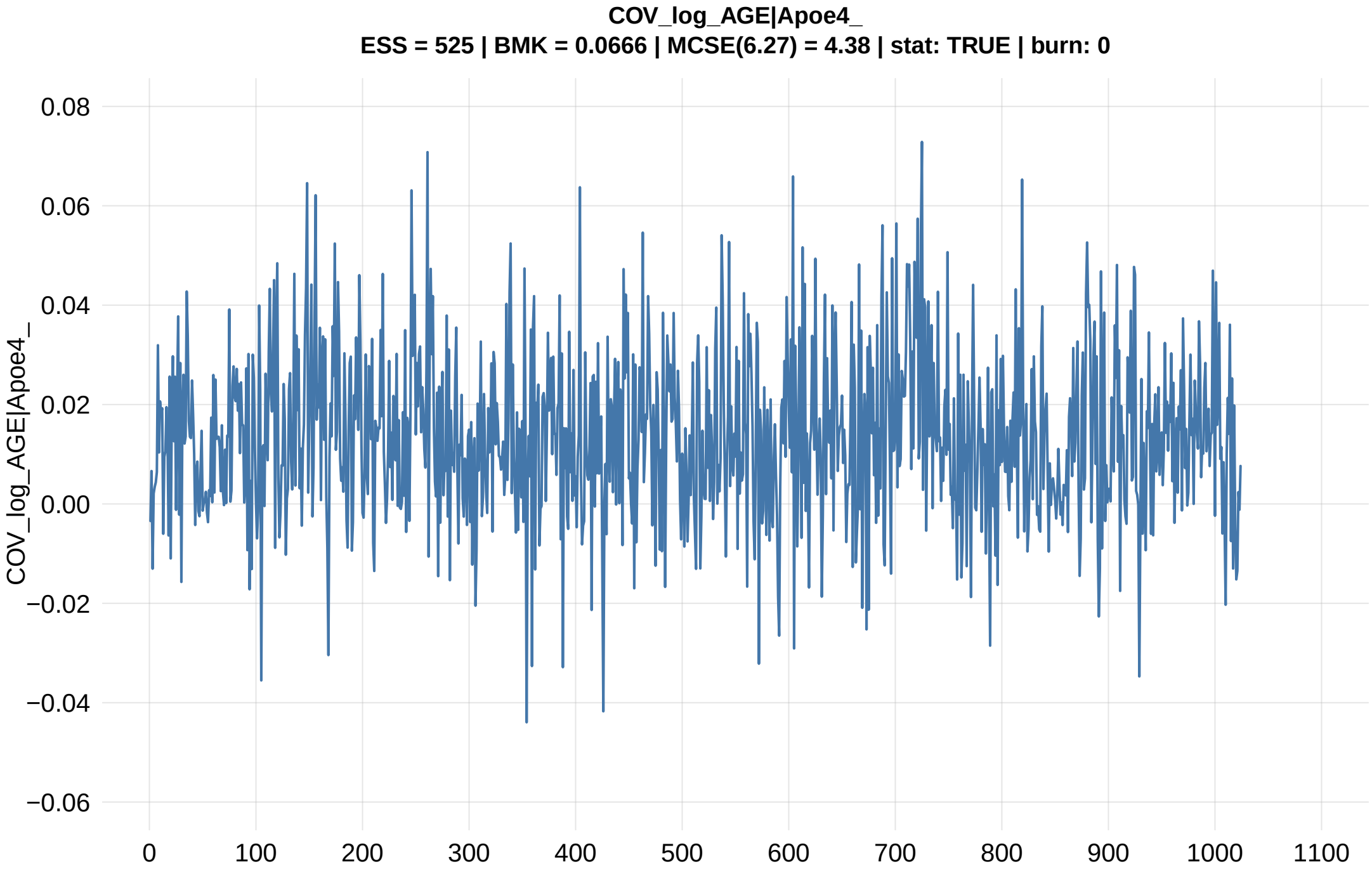

COV_log_AGE|AVDEL30MIN_neuro
ESS = 136 | BMK = 0.0609 | MCSE(6.27) = 7.25 | stat: FALSE | burn: 0
COV_log_AGE|AVDEL30MIN_neuro
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
0
100
200
300
400
500
600
700
800
900
1000
1100

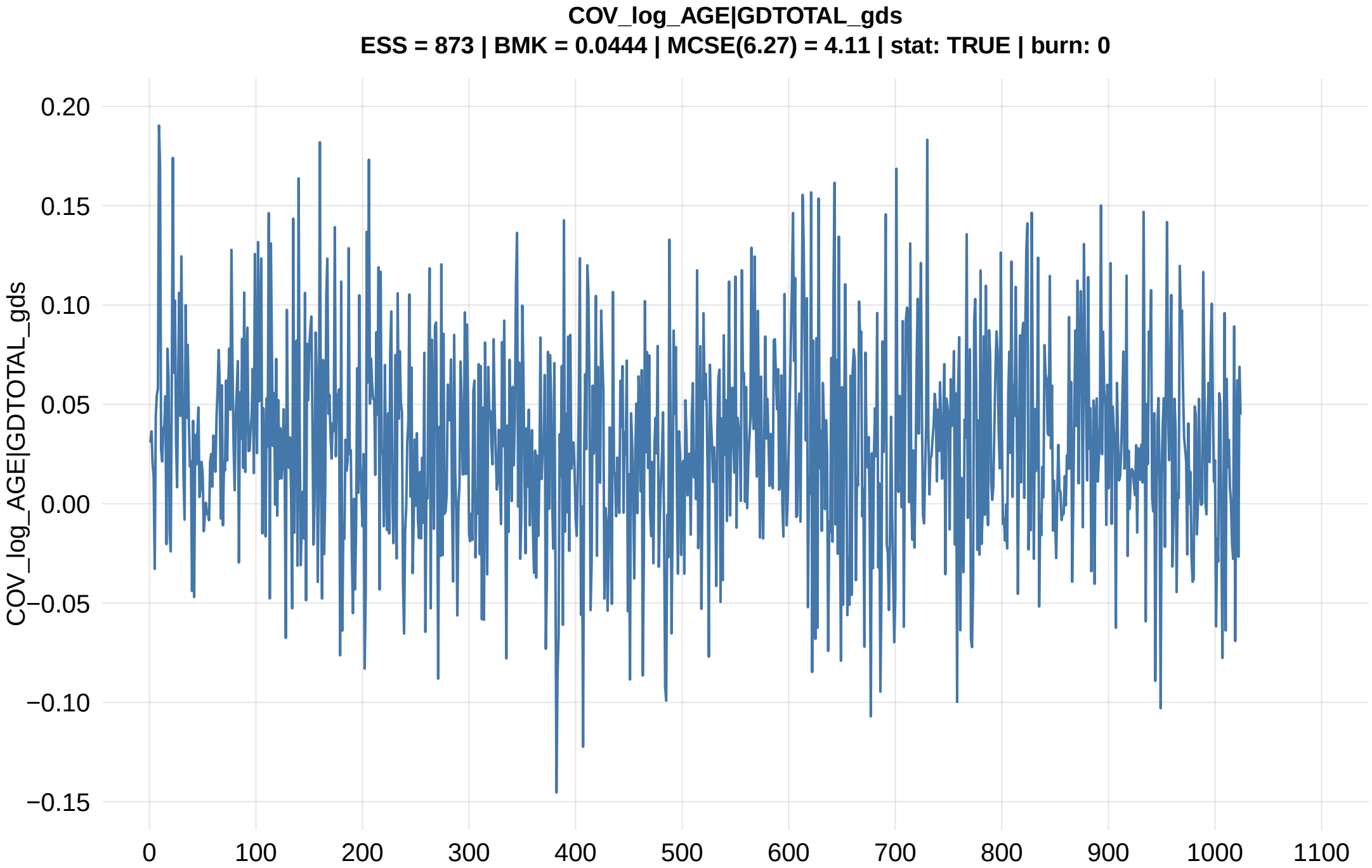

COV_log_AGE|AVDELTOT_neuro
ESS = 99.2 | BMK = 0.0984 | MCSE(6.27) = 8.39 | stat: FALSE | burn: 0
COV_log_AGE|AVDELTOT_neuro
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
0
100
200
300
400
500
600
700
800
900
1000
1100

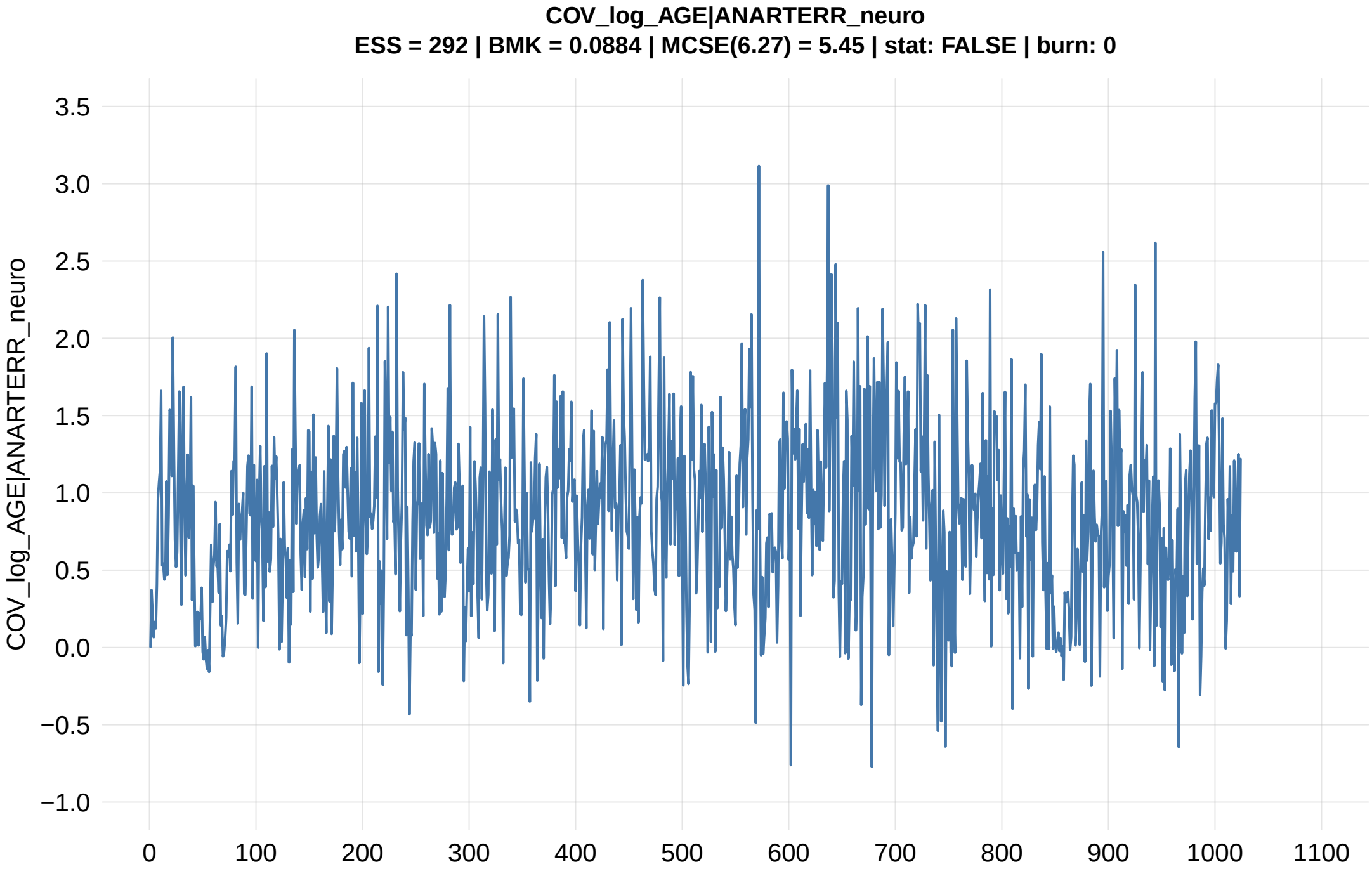

COV_log_AGE|TRAASCOR_neuro
ESS = 351 | BMK = 0.0581 | MCSE(6.27) = 5.23 | stat: TRUE | burn: 0
COV_log_AGE|TRAASCOR_neuro
8
7
6
5
4
3
2
1
0
−1
0
100
200
300
400
500
600
700
800
900
1000
1100

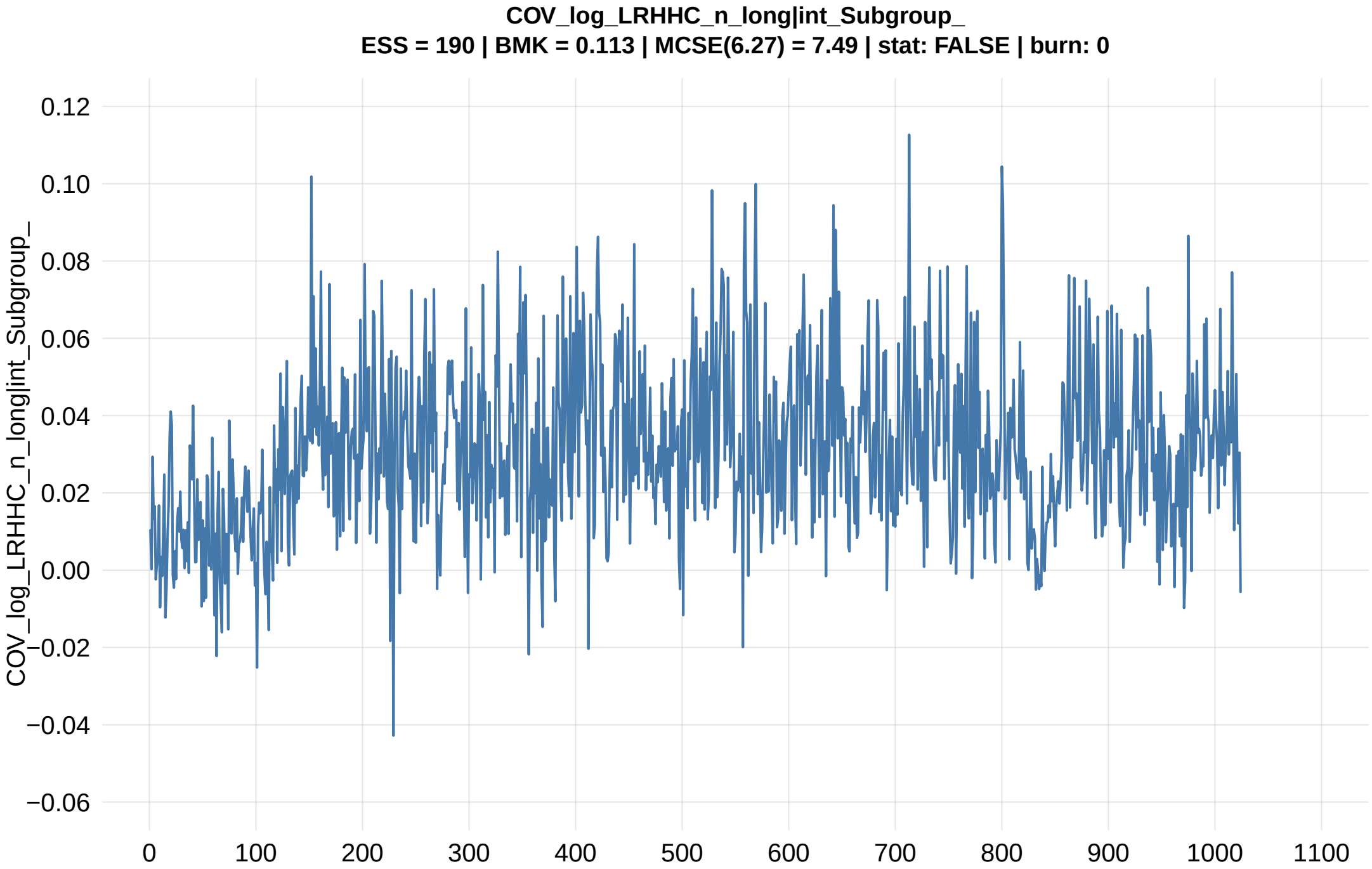

COV_log_AGE|TRABSCOR_neuro
ESS = 256 | BMK = 0.0654 | MCSE(6.27) = 5.31 | stat: TRUE | burn: 0
COV_log_AGE|TRABSCOR_neuro
30
25
20
15
10
5
0
−5
−10
0
100
200
300
400
500
600
700
800
900
1000
1100

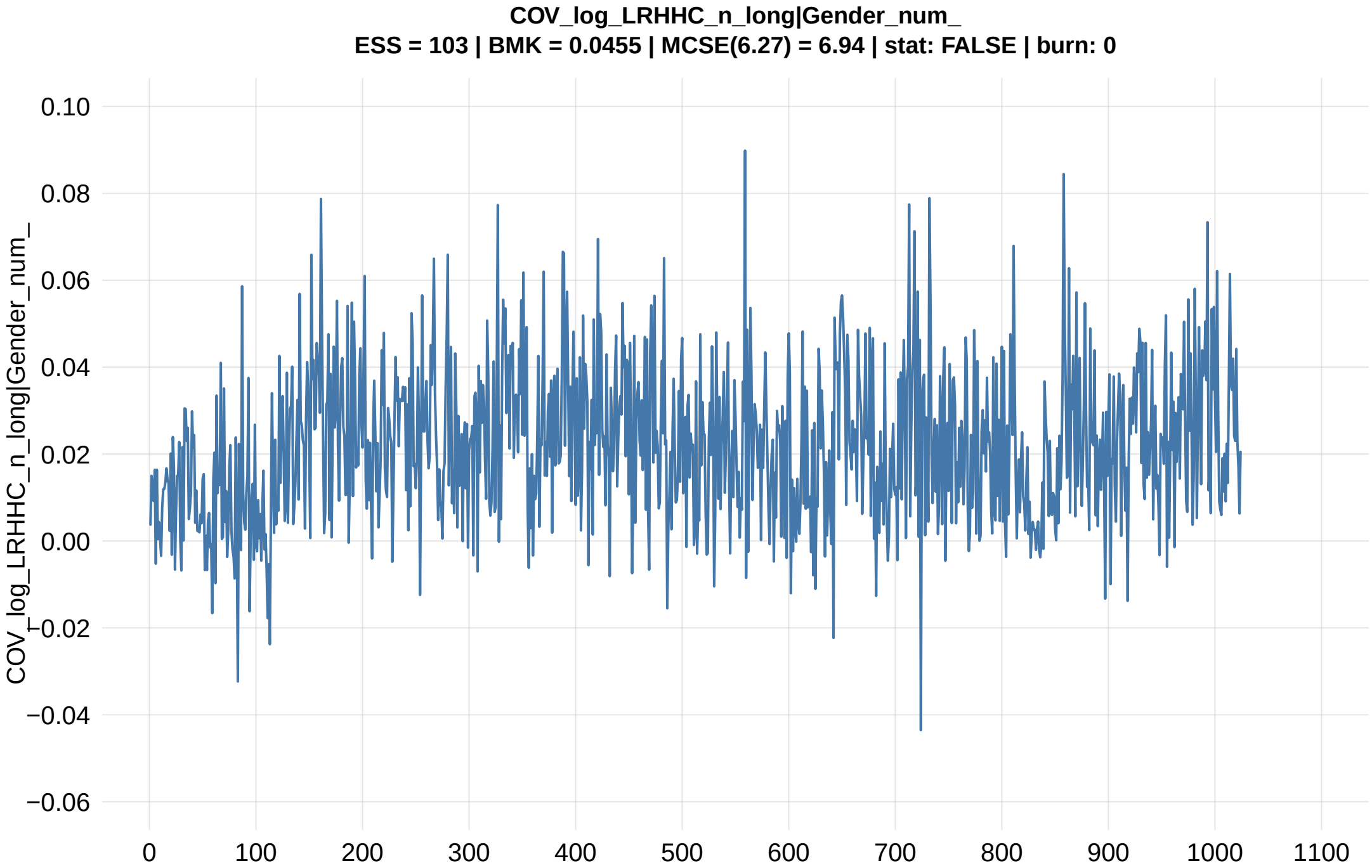

COV_log_AGE|CATANIMSC_neuro
ESS = 194 | BMK = 0.0421 | MCSE(6.27) = 6.68 | stat: FALSE | burn: 0
COV_log_AGE|CATANIMSC_neuro
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
−1.6
0
100
200
300
400
500
600
700
800
900
1000
1100

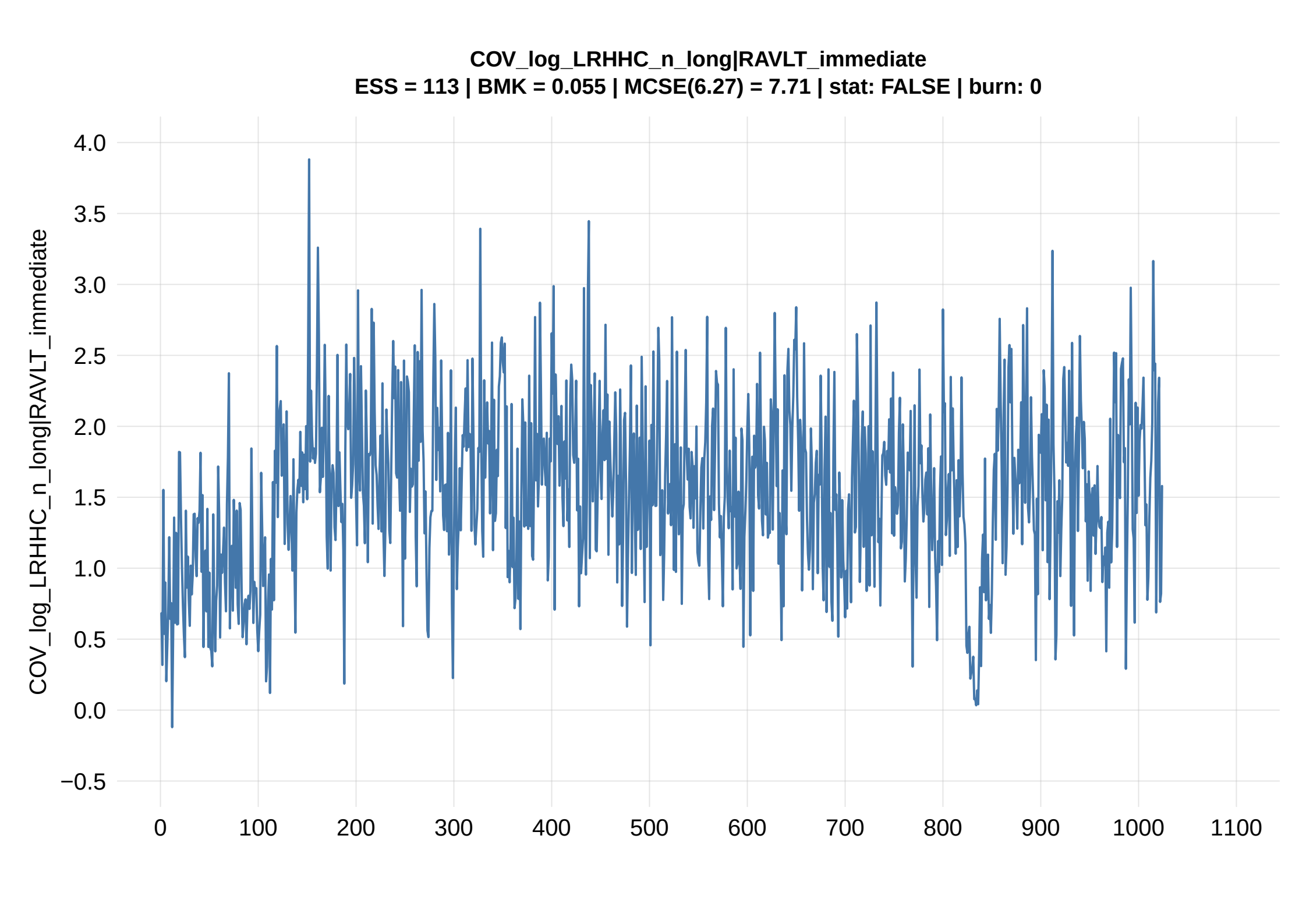

COV_log_AGE|Apoe4_
ESS = 525 | BMK = 0.0666 | MCSE(6.27) = 4.38 | stat: TRUE | burn: 0
COV_log_AGE|Apoe4_
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
0
100
200
300
400
500
600
700
800
900
1000
1100

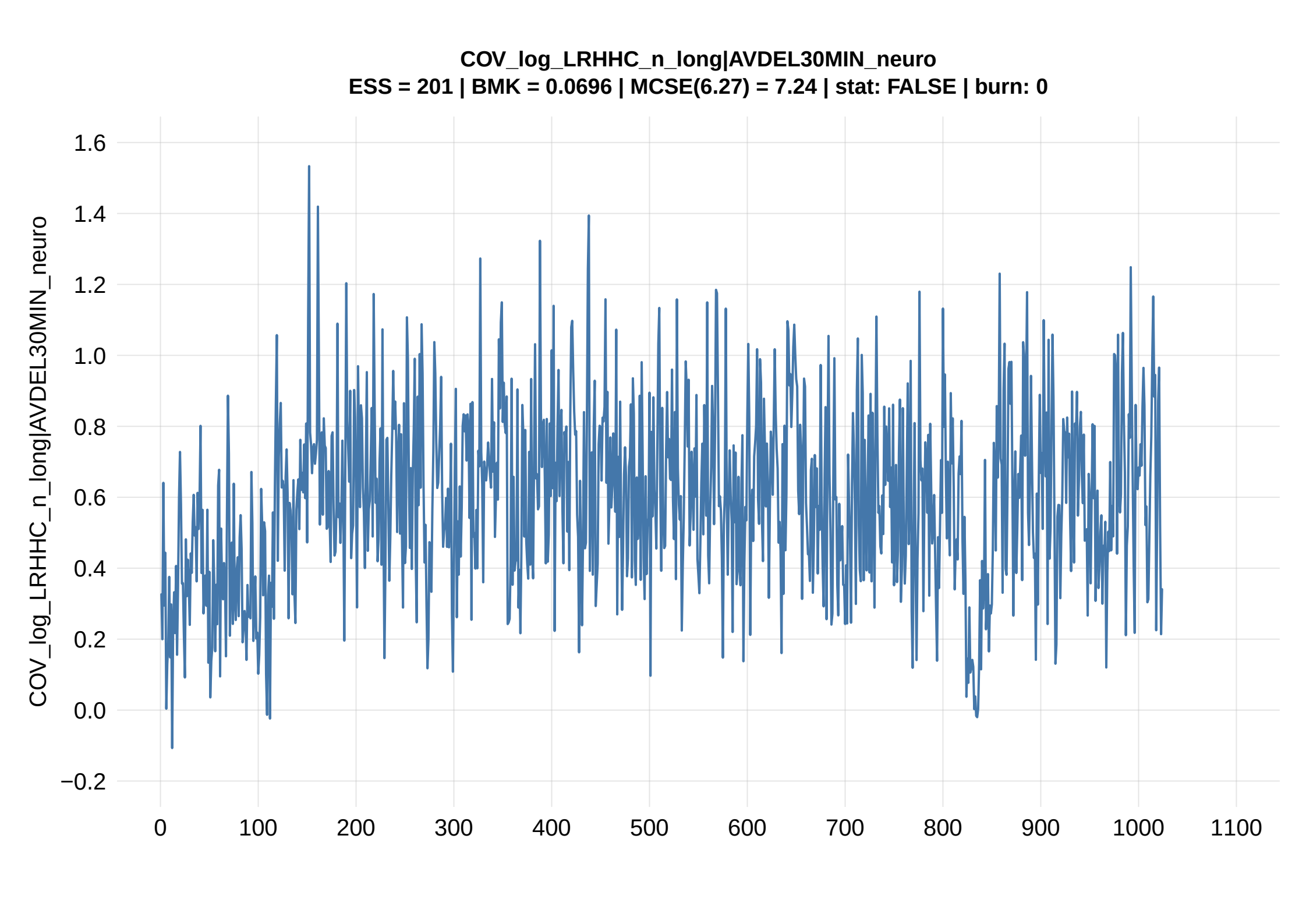

COV_log_AGE|GDTOTAL_gds
ESS = 873 | BMK = 0.0444 | MCSE(6.27) = 4.11 | stat: TRUE | burn: 0
COV_log_AGE|GDTOTAL_gds
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
0
100
200
300
400
500
600
700
800
900
1000
1100

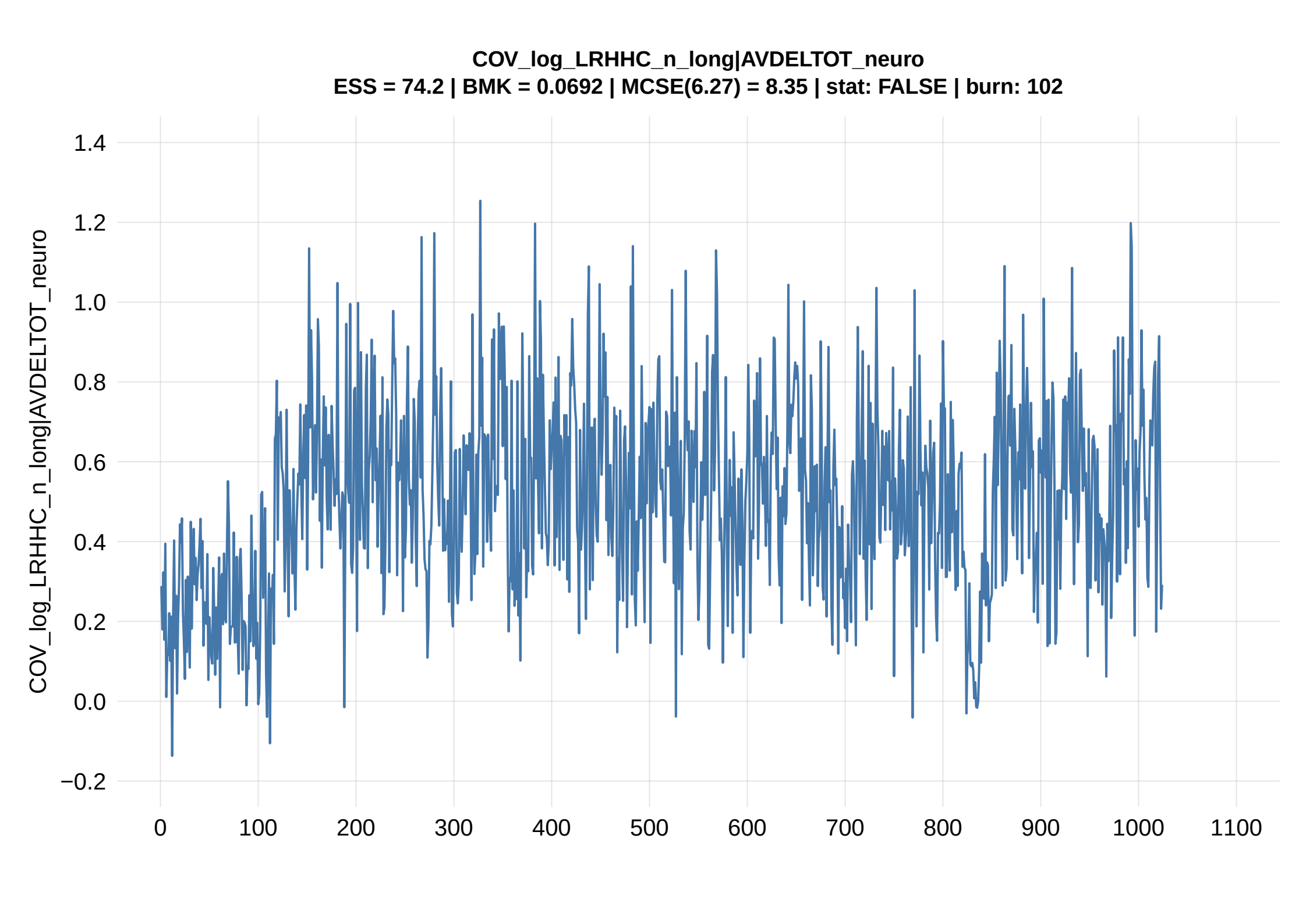

COV_log_AGE|ANARTERR_neuro
ESS = 292 | BMK = 0.0884 | MCSE(6.27) = 5.45 | stat: FALSE | burn: 0
COV_log_AGE|ANARTERR_neuro
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
0
100
200
300
400
500
600
700
800
900
1000
1100

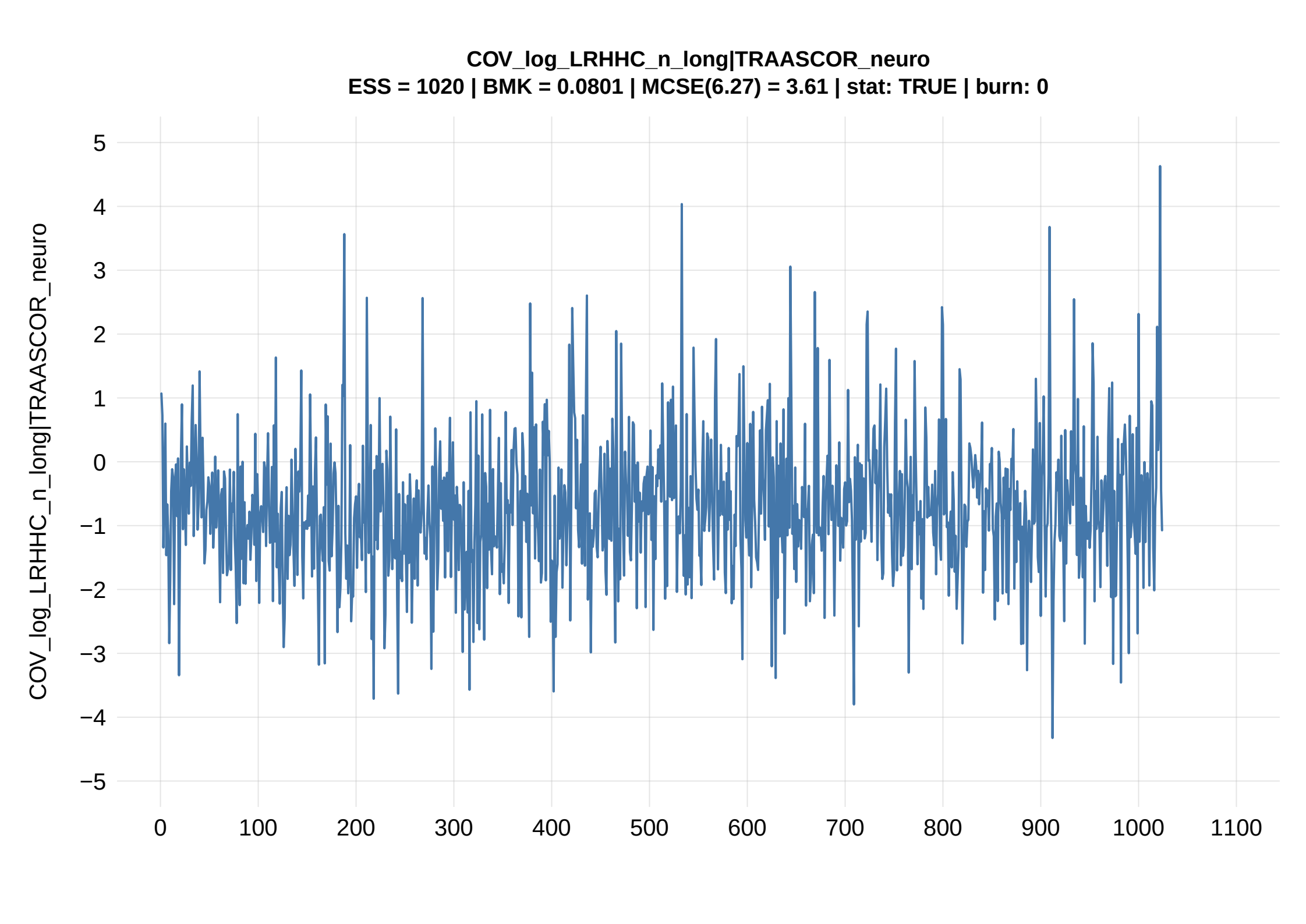

COV_log_LRHHC_n_long|int_Subgroup_
ESS = 190 | BMK = 0.113 | MCSE(6.27) = 7.49 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|int_Subgroup_
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
0
100
200
300
400
500
600
700
800
900
1000
1100

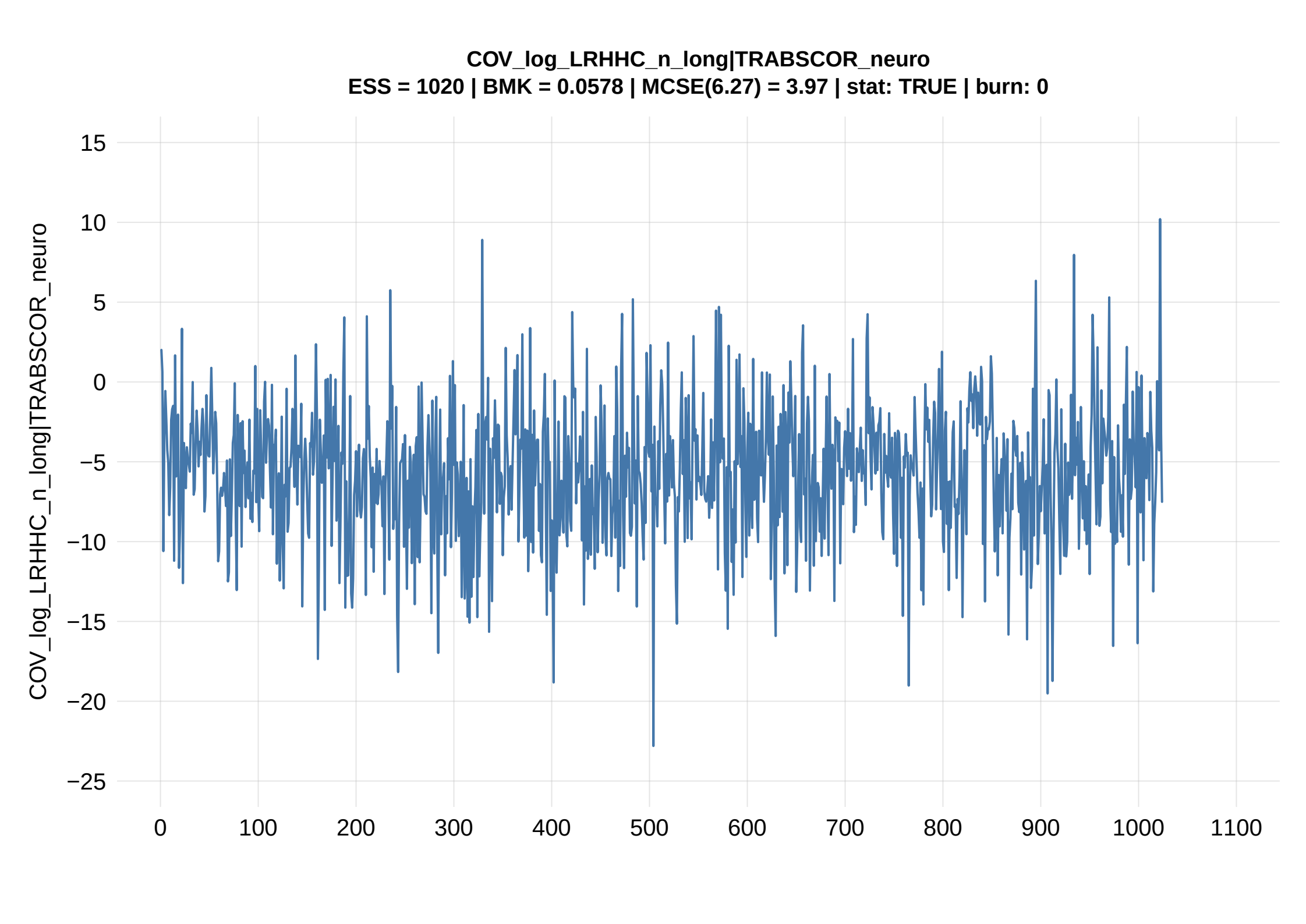

COV_log_LRHHC_n_long|Gender_num_
ESS = 103 | BMK = 0.0455 | MCSE(6.27) = 6.94 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|Gender_num_
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
0
100
200
300
400
500
600
700
800
900
1000
1100

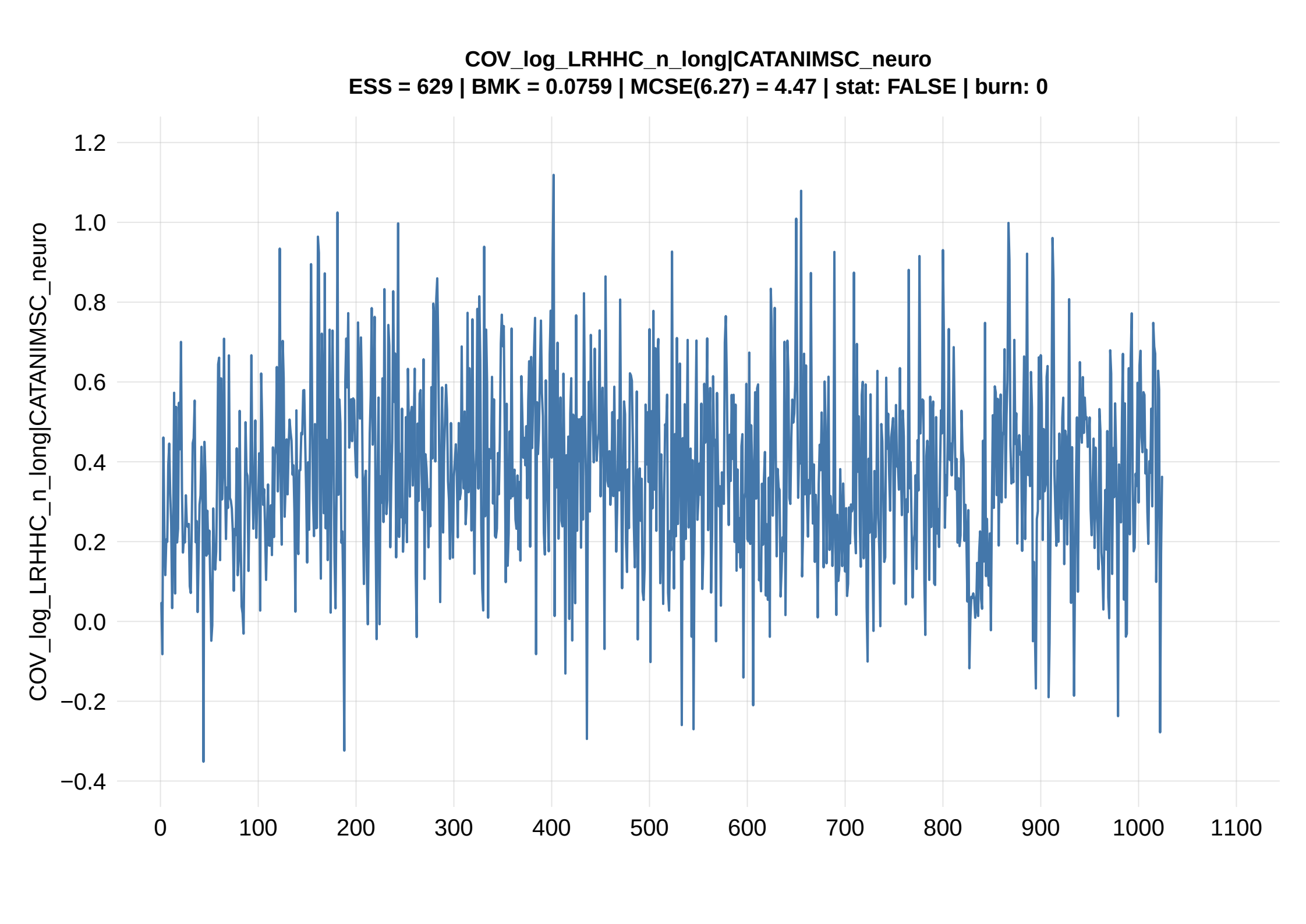

COV_log_LRHHC_n_long|RAVLT_immediate
ESS = 113 | BMK = 0.055 | MCSE(6.27) = 7.71 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|RAVLT_immediate
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
100
200
300
400
500
600
700
800
900
1000
1100

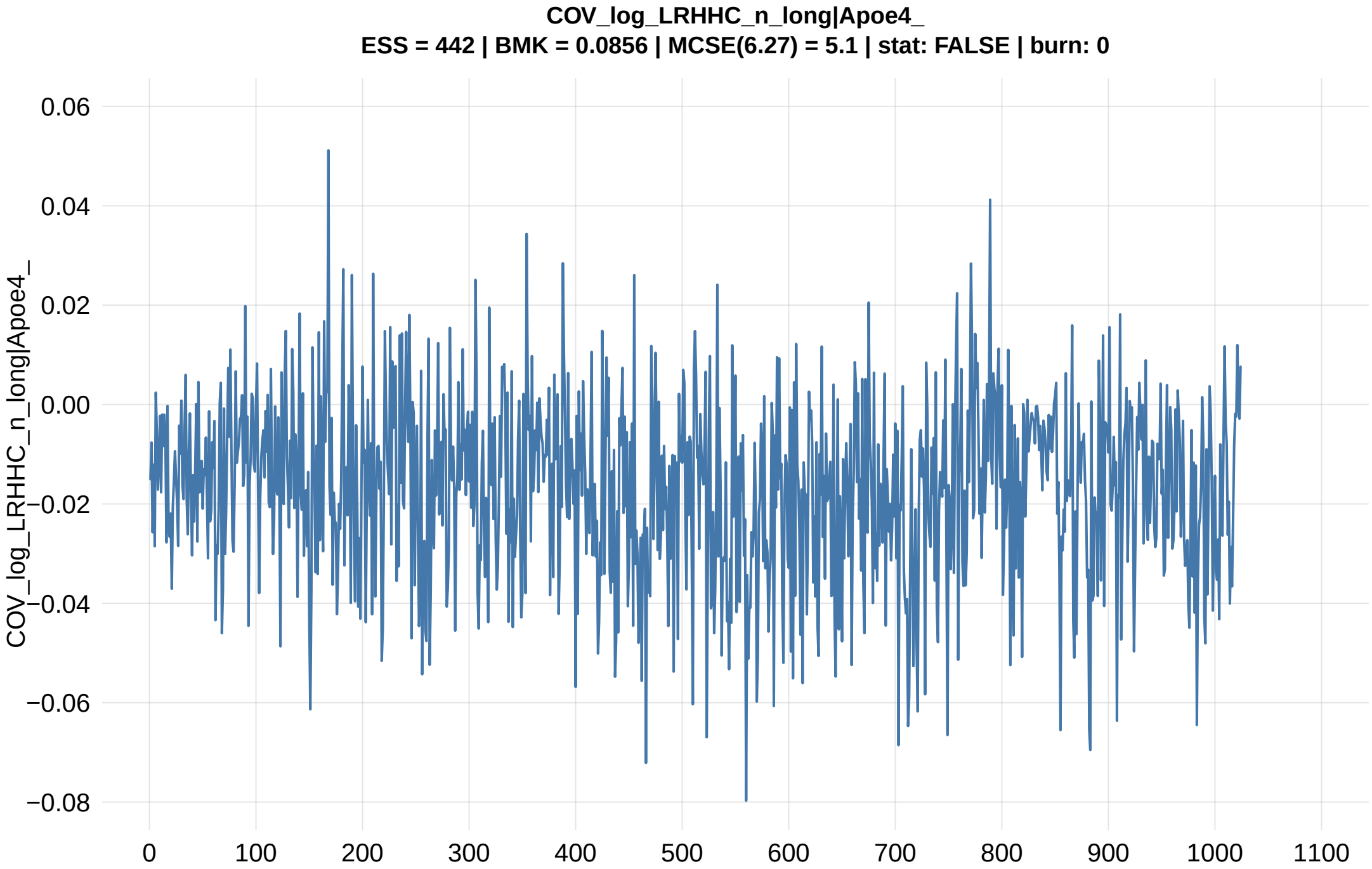

COV_log_LRHHC_n_long|AVDEL30MIN_neuro
ESS = 201 | BMK = 0.0696 | MCSE(6.27) = 7.24 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|AVDEL30MIN_neuro
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
100
200
300
400
500
600
700
800
900
1000
1100

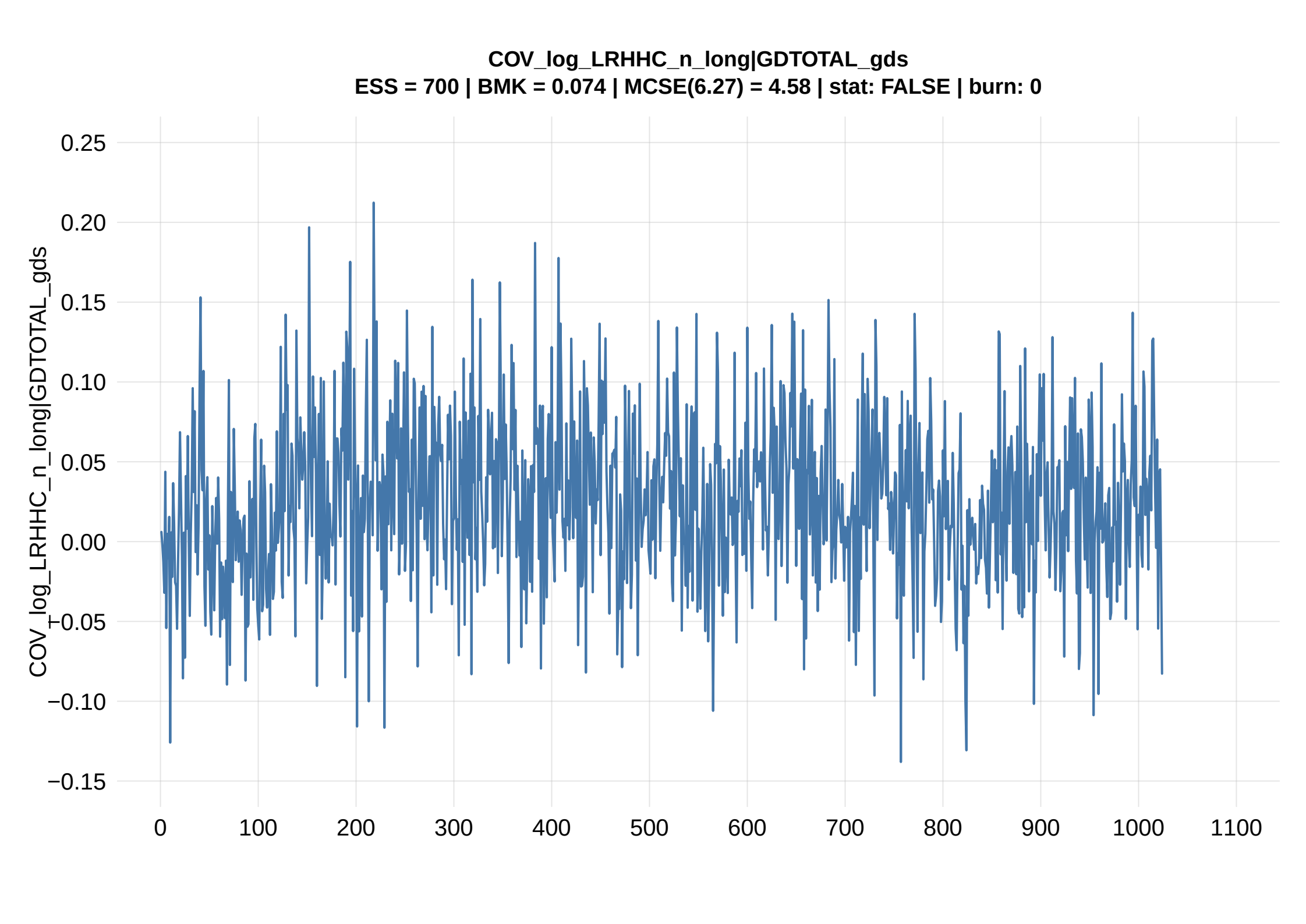

COV_log_LRHHC_n_long|AVDELTOT_neuro
ESS = 74.2 | BMK = 0.0692 | MCSE(6.27) = 8.35 | stat: FALSE | burn: 102
COV_log_LRHHC_n_long|AVDELTOT_neuro
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
100
200
300
400
500
600
700
800
900
1000
1100

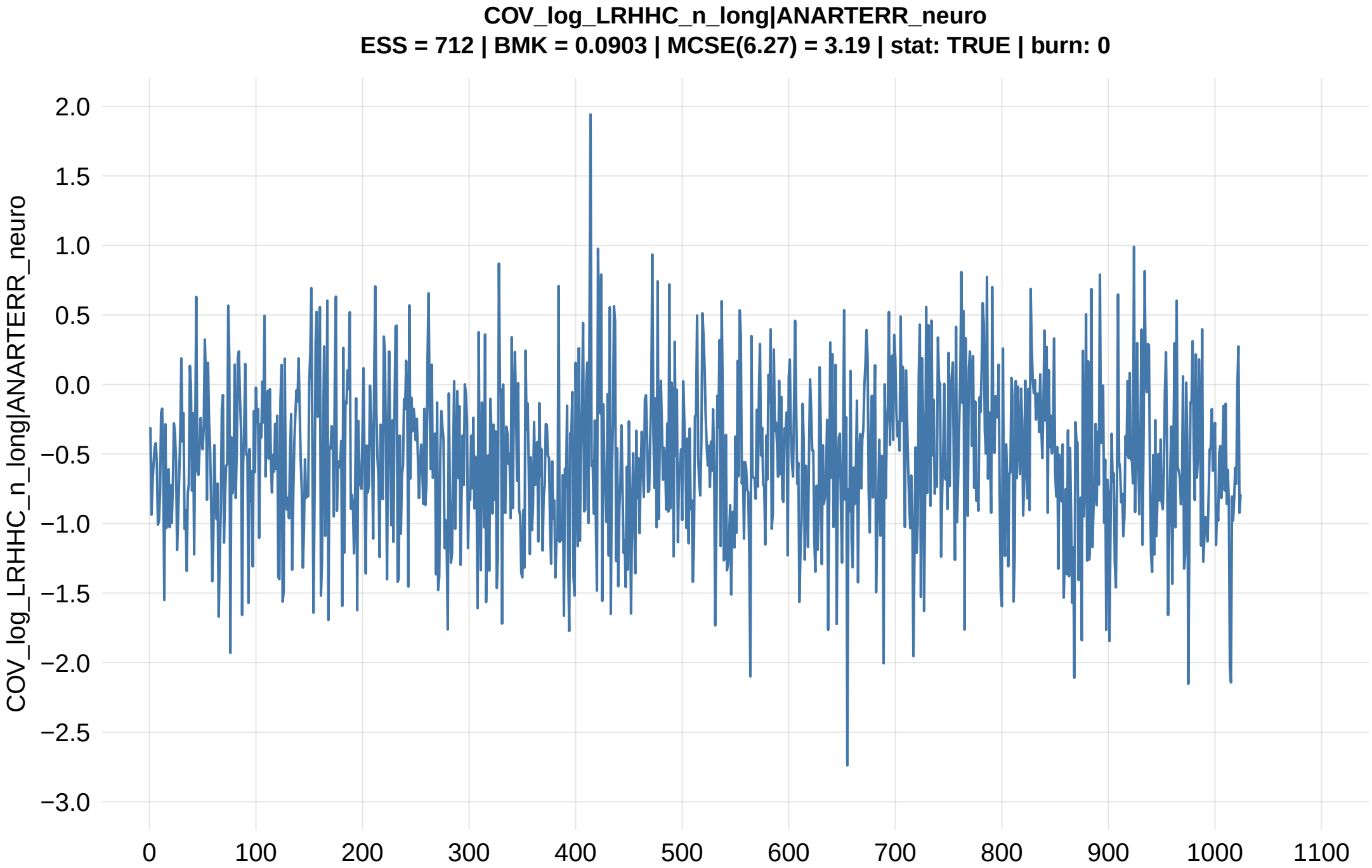

COV_log_LRHHC_n_long|TRAASCOR_neuro
ESS = 1020 | BMK = 0.0801 | MCSE(6.27) = 3.61 | stat: TRUE | burn: 0
COV_log_LRHHC_n_long|TRAASCOR_neuro
5
4
3
2
1
0
−1
−2
−3
−4
−5
0
100
200
300
400
500
600
700
800
900
1000
1100

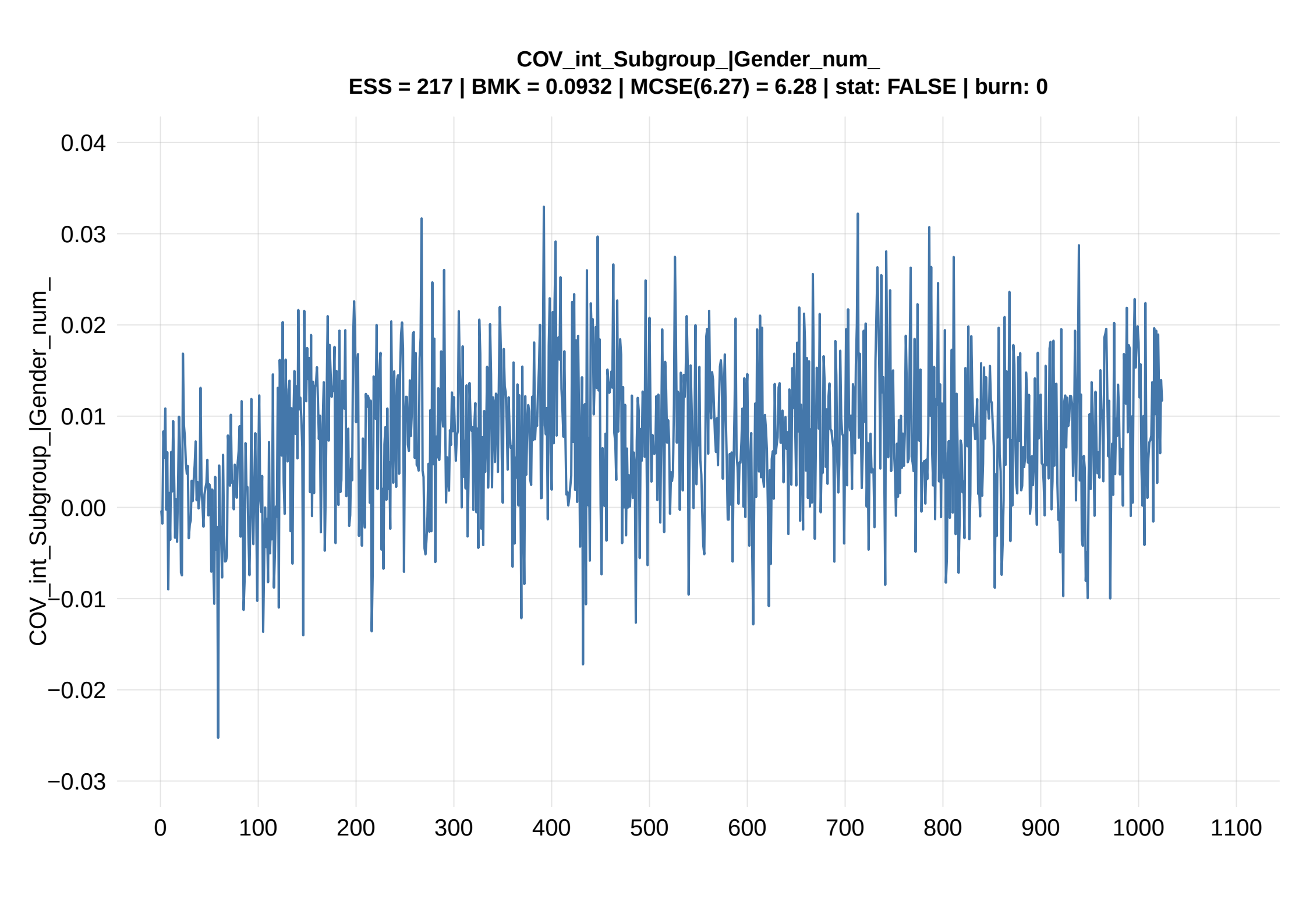

COV_log_LRHHC_n_long|TRABSCOR_neuro
ESS = 1020 | BMK = 0.0578 | MCSE(6.27) = 3.97 | stat: TRUE | burn: 0
COV_log_LRHHC_n_long|TRABSCOR_neuro
15
10
5
0
−5
−10
−15
−20
−25
0
100
200
300
400
500
600
700
800
900
1000
1100

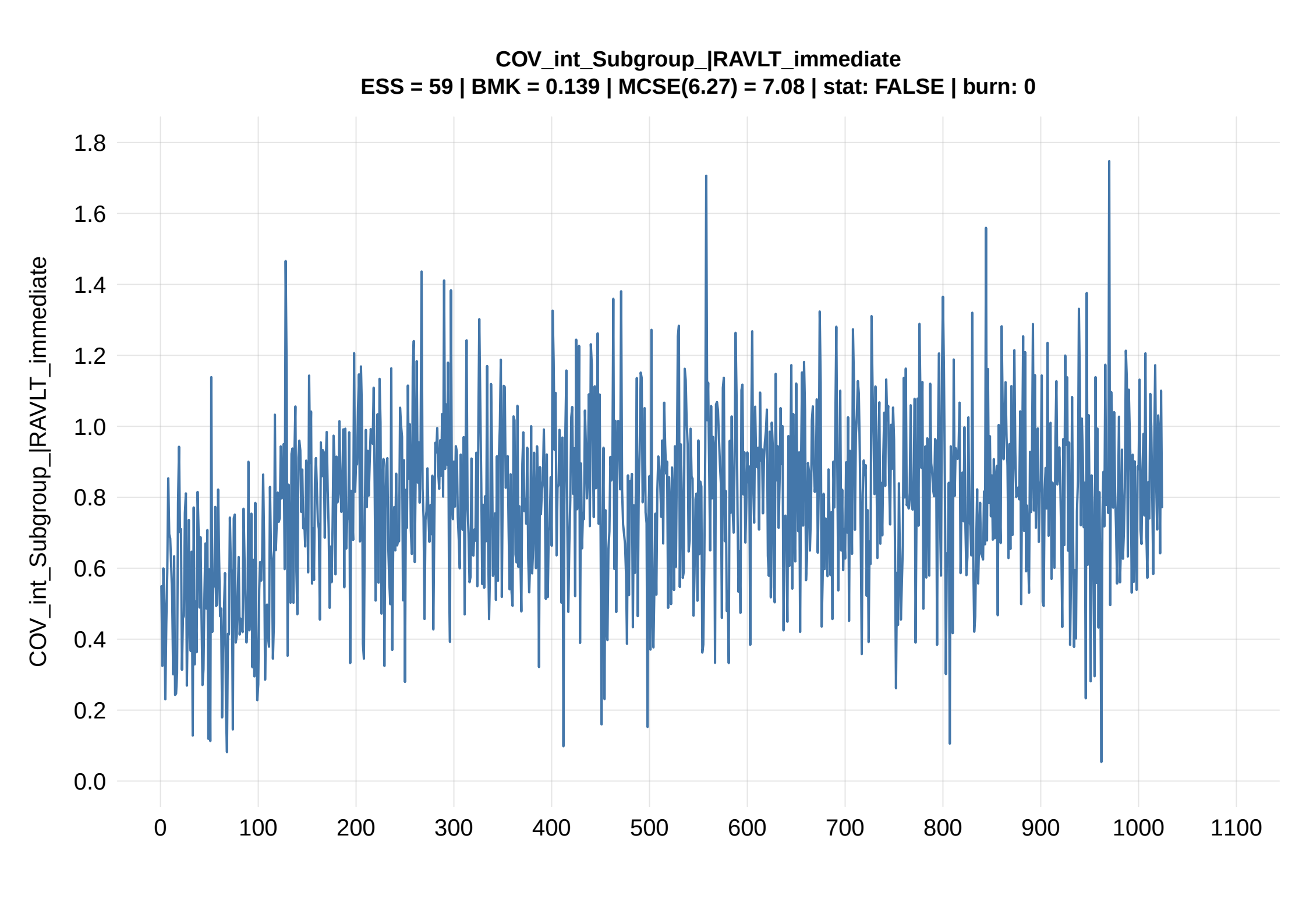

COV_log_LRHHC_n_long|CATANIMSC_neuro
ESS = 629 | BMK = 0.0759 | MCSE(6.27) = 4.47 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|CATANIMSC_neuro
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0
100
200
300
400
500
600
700
800
900
1000
1100

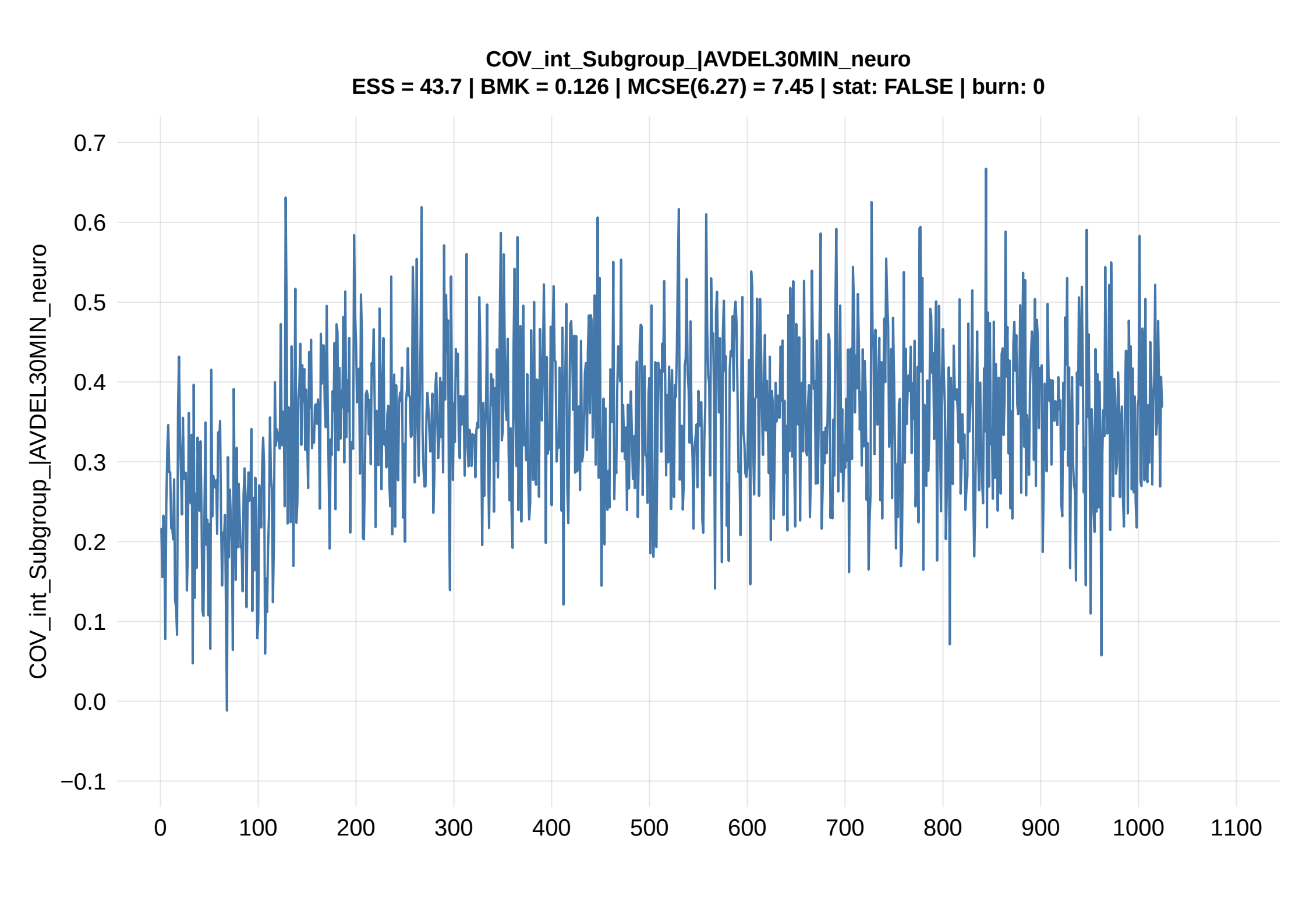

COV_log_LRHHC_n_long|Apoe4_
ESS = 442 | BMK = 0.0856 | MCSE(6.27) = 5.1 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|Apoe4_
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
0
100
200
300
400
500
600
700
800
900
1000
1100

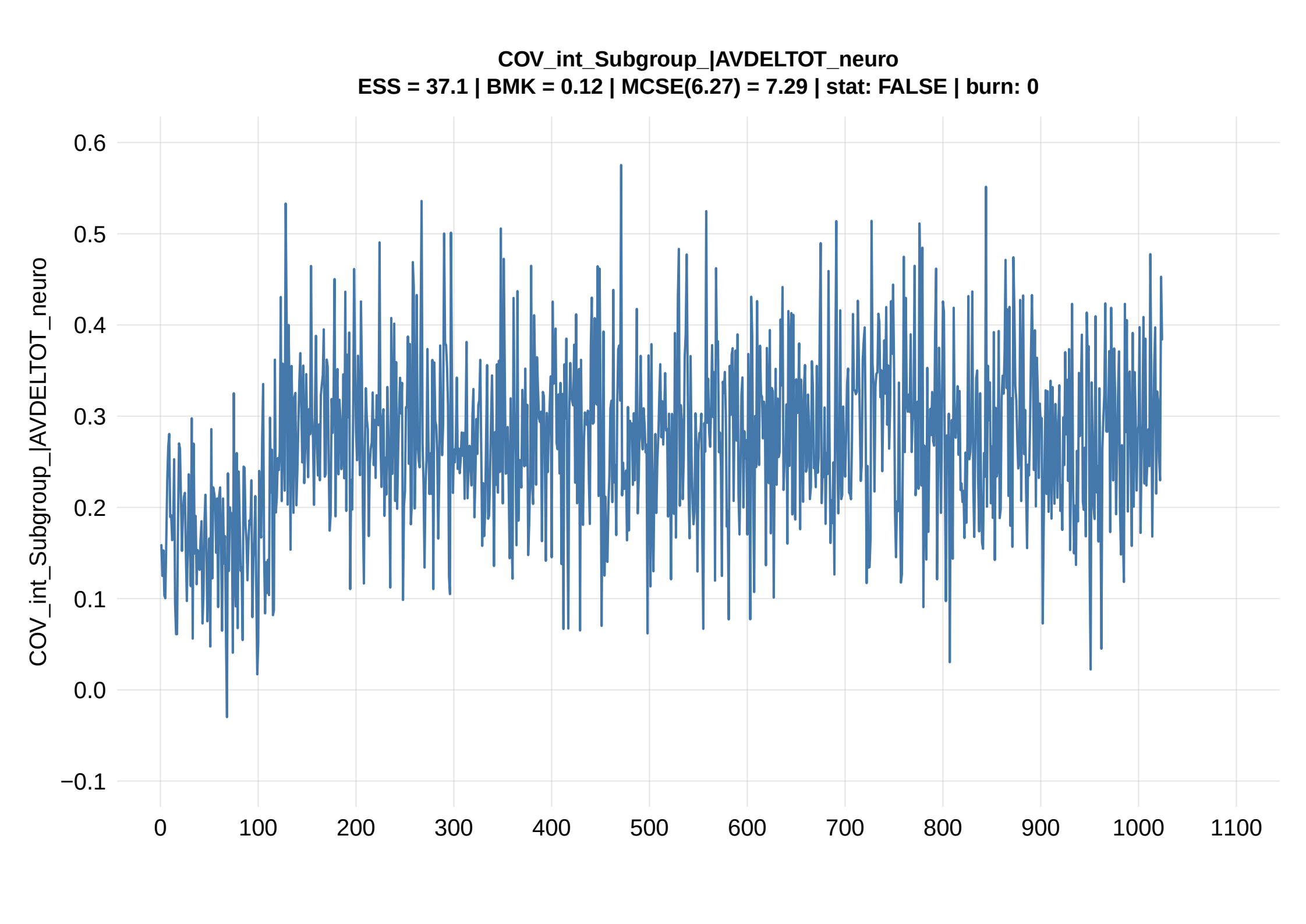

COV_log_LRHHC_n_long|GDTOTAL_gds
ESS = 700 | BMK = 0.074 | MCSE(6.27) = 4.58 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|GDTOTAL_gds
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
0
100
200
300
400
500
600
700
800
900
1000
1100

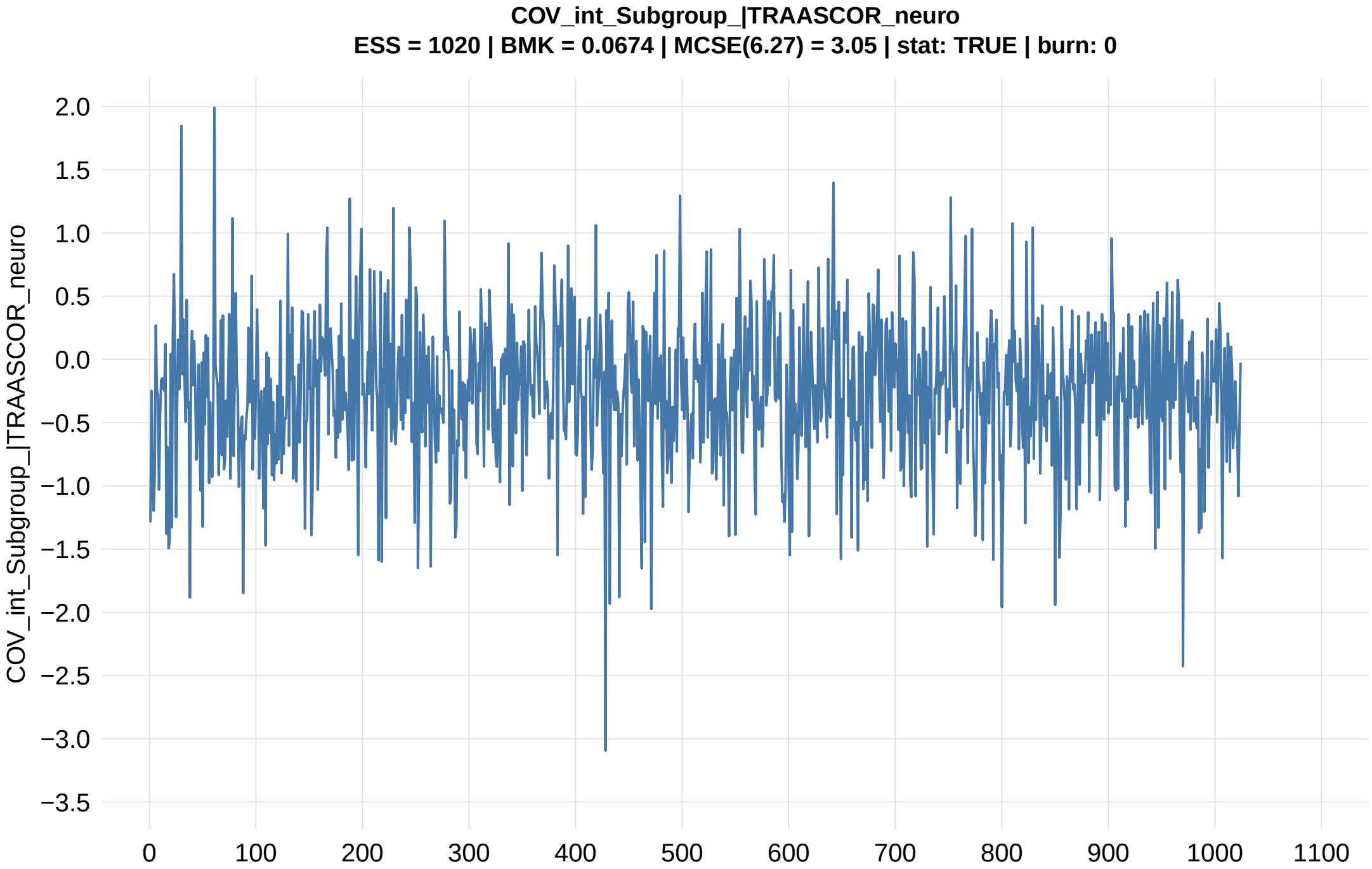

COV_log_LRHHC_n_long|ANARTERR_neuro
ESS = 712 | BMK = 0.0903 | MCSE(6.27) = 3.19 | stat: TRUE | burn: 0
COV_log_LRHHC_n_long|ANARTERR_neuro
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
0
100
200
300
400
500
600
700
800
900
1000
1100

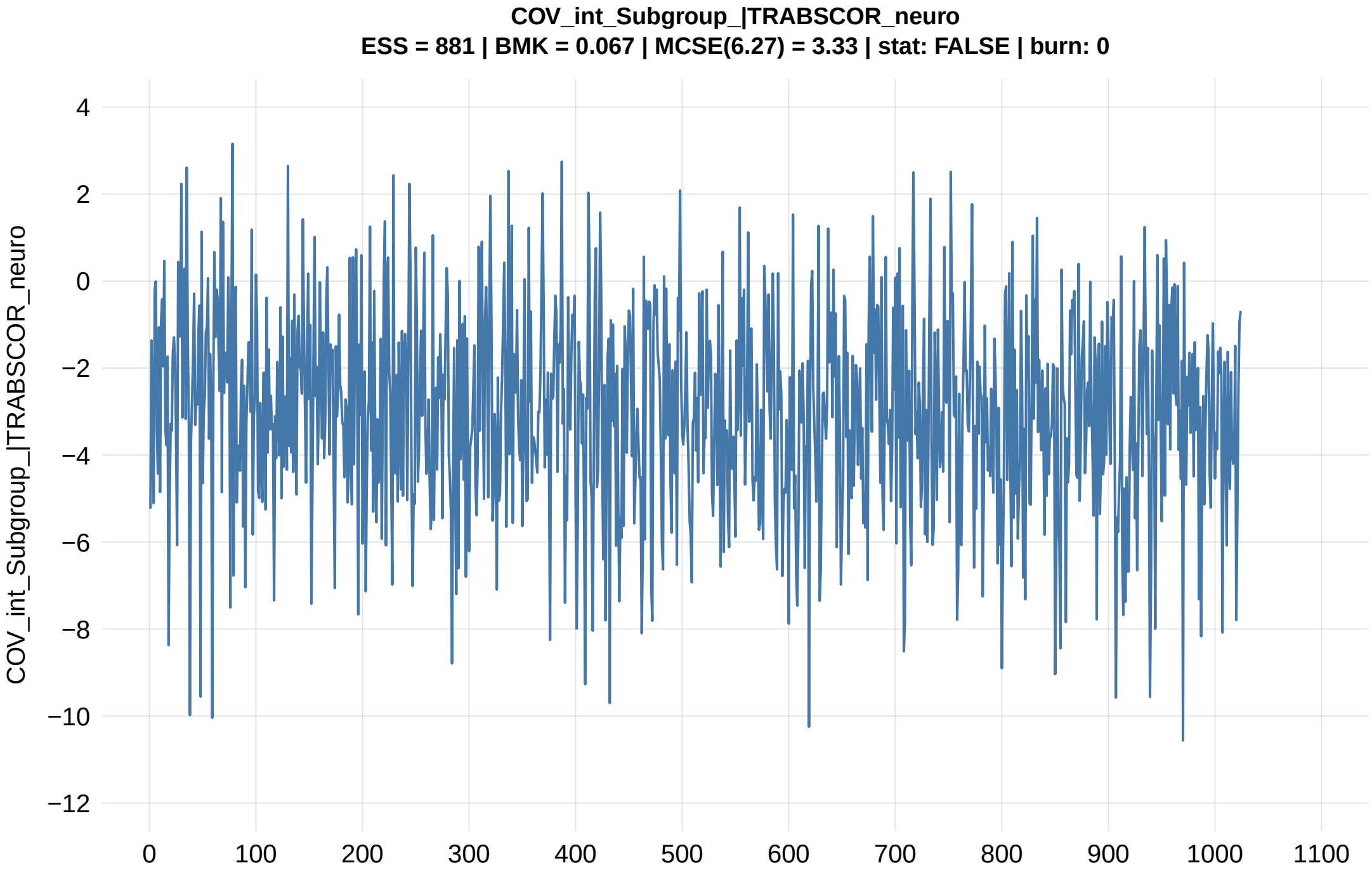

COV_int_Subgroup_|Gender_num_
ESS = 217 | BMK = 0.0932 | MCSE(6.27) = 6.28 | stat: FALSE | burn: 0
COV_int_Subgroup_|Gender_num_
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
0
100
200
300
400
500
600
700
800
900
1000
1100

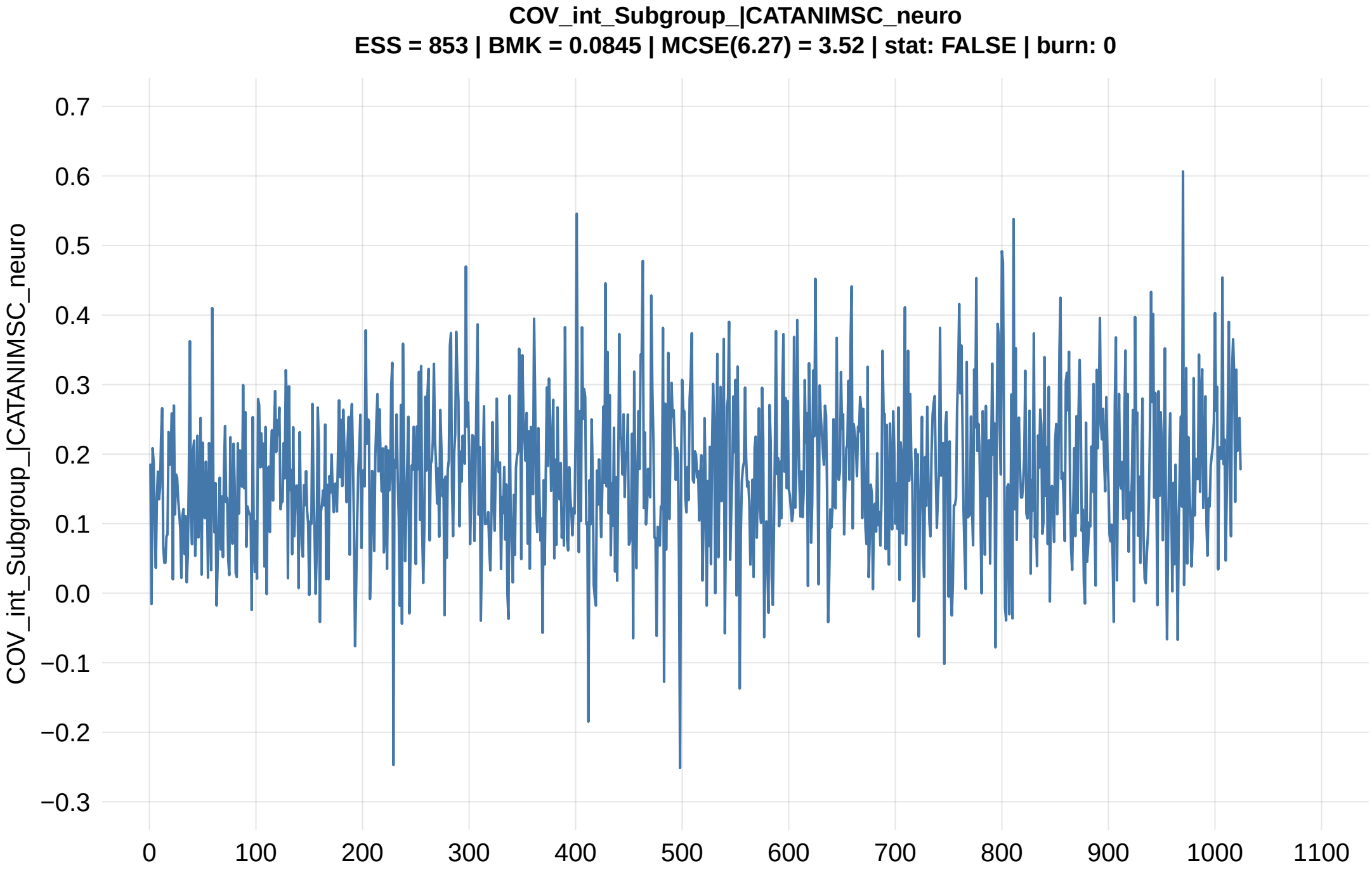

COV_int_Subgroup_|RAVLT_immediate
ESS = 59 | BMK = 0.139 | MCSE(6.27) = 7.08 | stat: FALSE | burn: 0
COV_int_Subgroup_|RAVLT_immediate
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
100
200
300
400
500
600
700
800
900
1000
1100

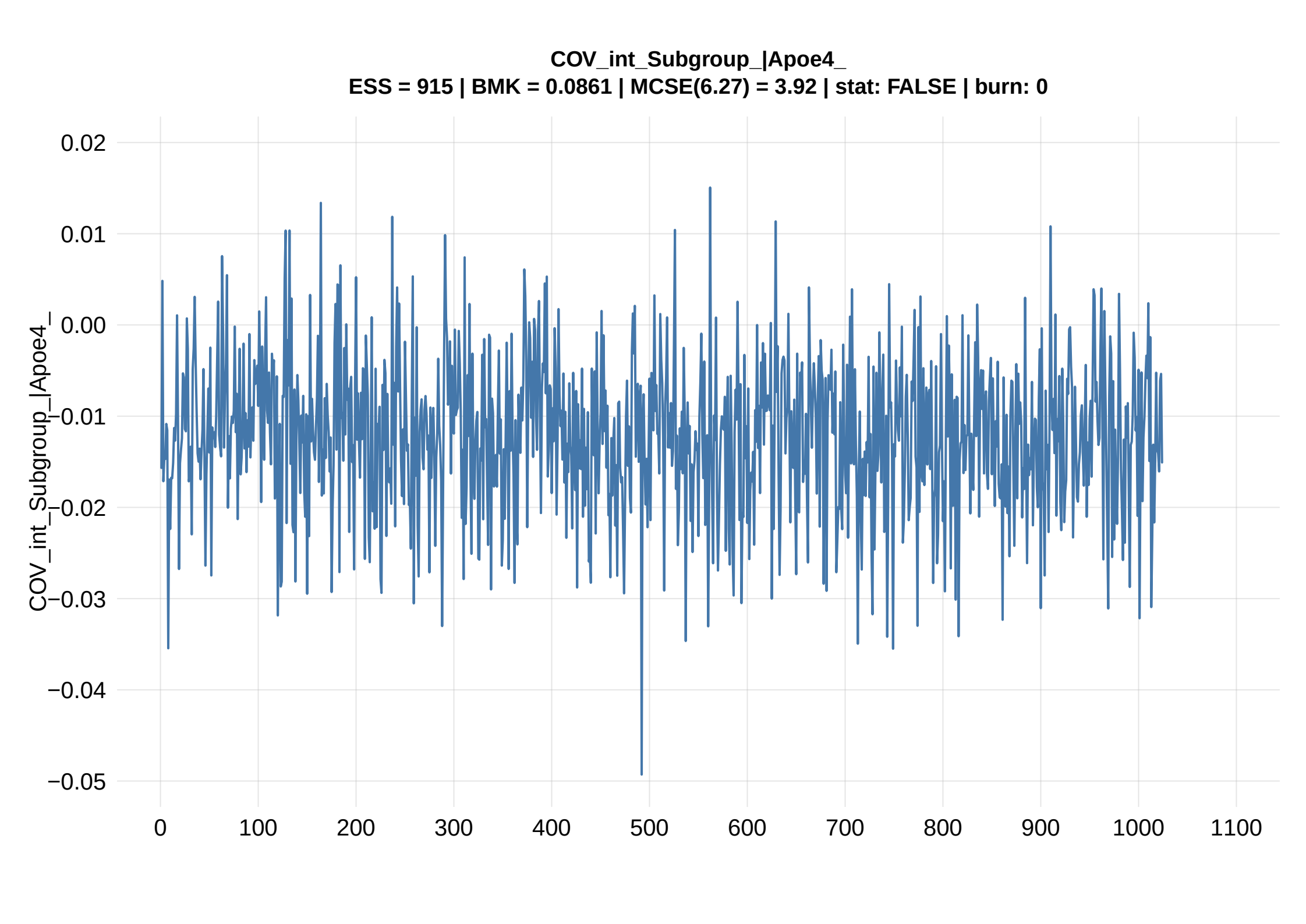

COV_int_Subgroup_|AVDEL30MIN_neuro
ESS = 43.7 | BMK = 0.126 | MCSE(6.27) = 7.45 | stat: FALSE | burn: 0
COV_int_Subgroup_|AVDEL30MIN_neuro
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
100
200
300
400
500
600
700
800
900
1000
1100

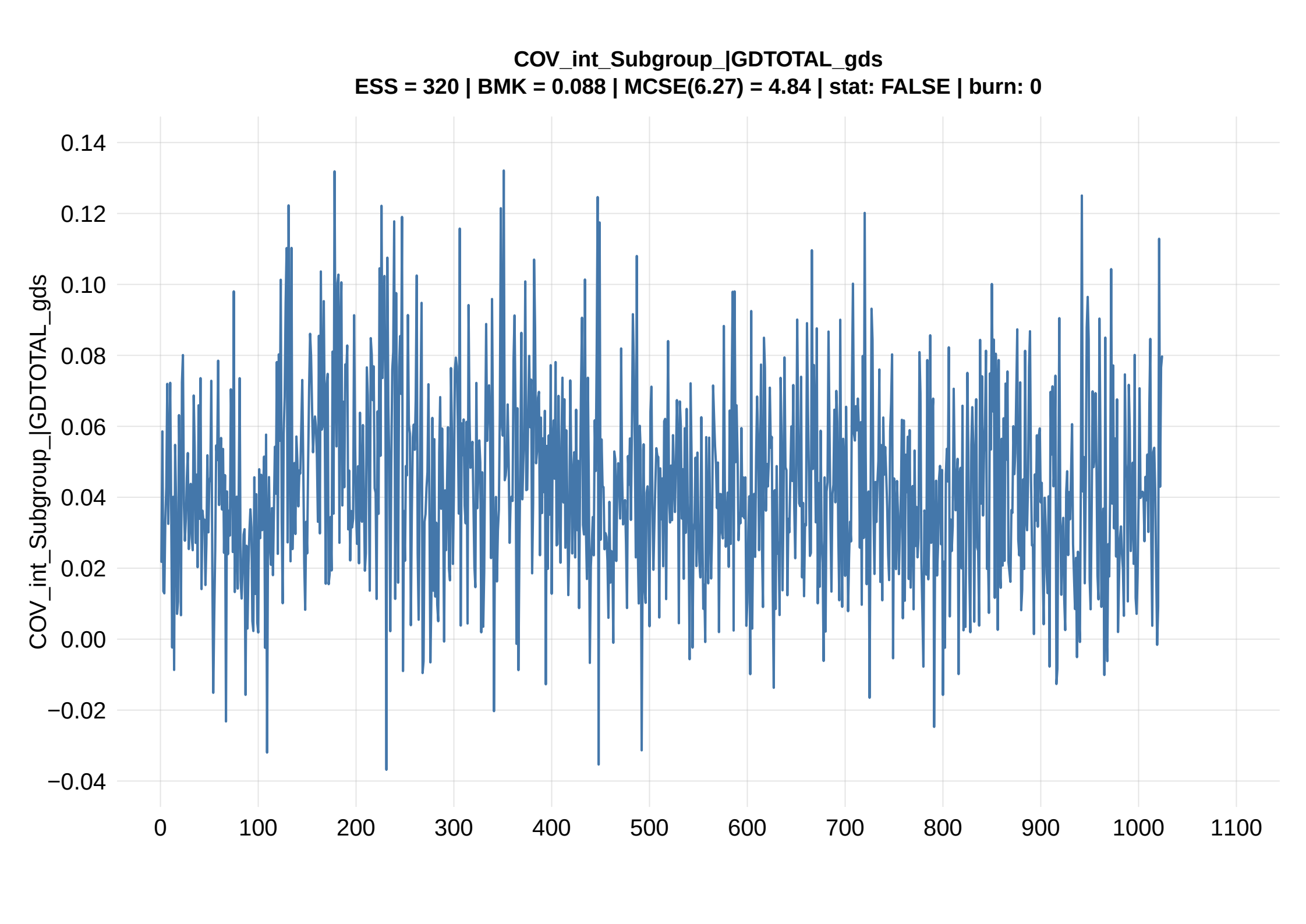

COV_int_Subgroup_|AVDELTOT_neuro
ESS = 37.1 | BMK = 0.12 | MCSE(6.27) = 7.29 | stat: FALSE | burn: 0
COV_int_Subgroup_|AVDELTOT_neuro
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
100
200
300
400
500
600
700
800
900
1000
1100

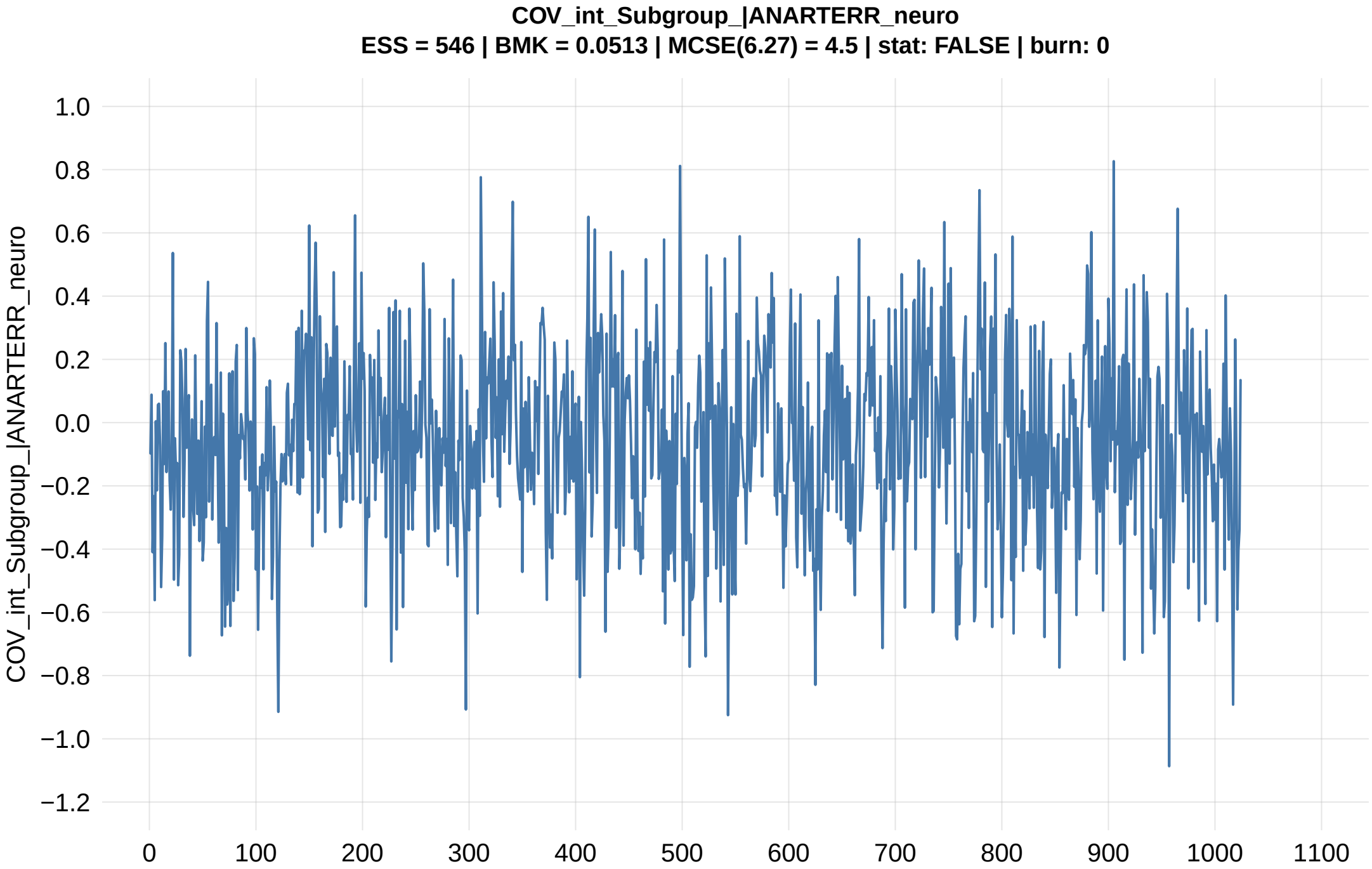

COV_int_Subgroup_|TRAASCOR_neuro
ESS = 1020 | BMK = 0.0674 | MCSE(6.27) = 3.05 | stat: TRUE | burn: 0
COV_int_Subgroup_|TRAASCOR_neuro
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
−3.5
0
100
200
300
400
500
600
700
800
900
1000
1100

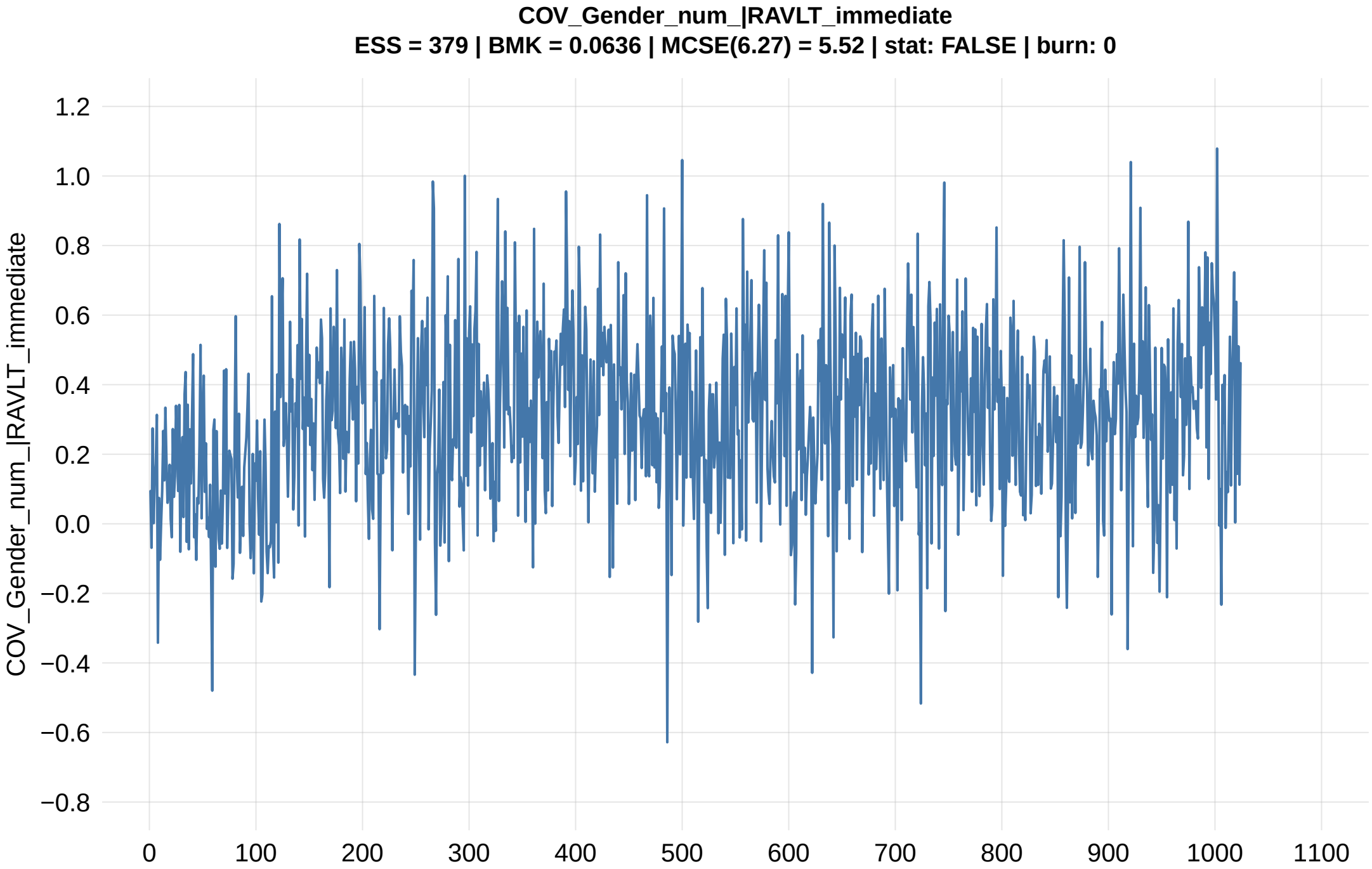

COV_int_Subgroup_|TRABSCOR_neuro
ESS = 881 | BMK = 0.067 | MCSE(6.27) = 3.33 | stat: FALSE | burn: 0
COV_int_Subgroup_|TRABSCOR_neuro
4
2
0
−2
−4
−6
−8
−10
−12
0
100
200
300
400
500
600
700
800
900
1000
1100

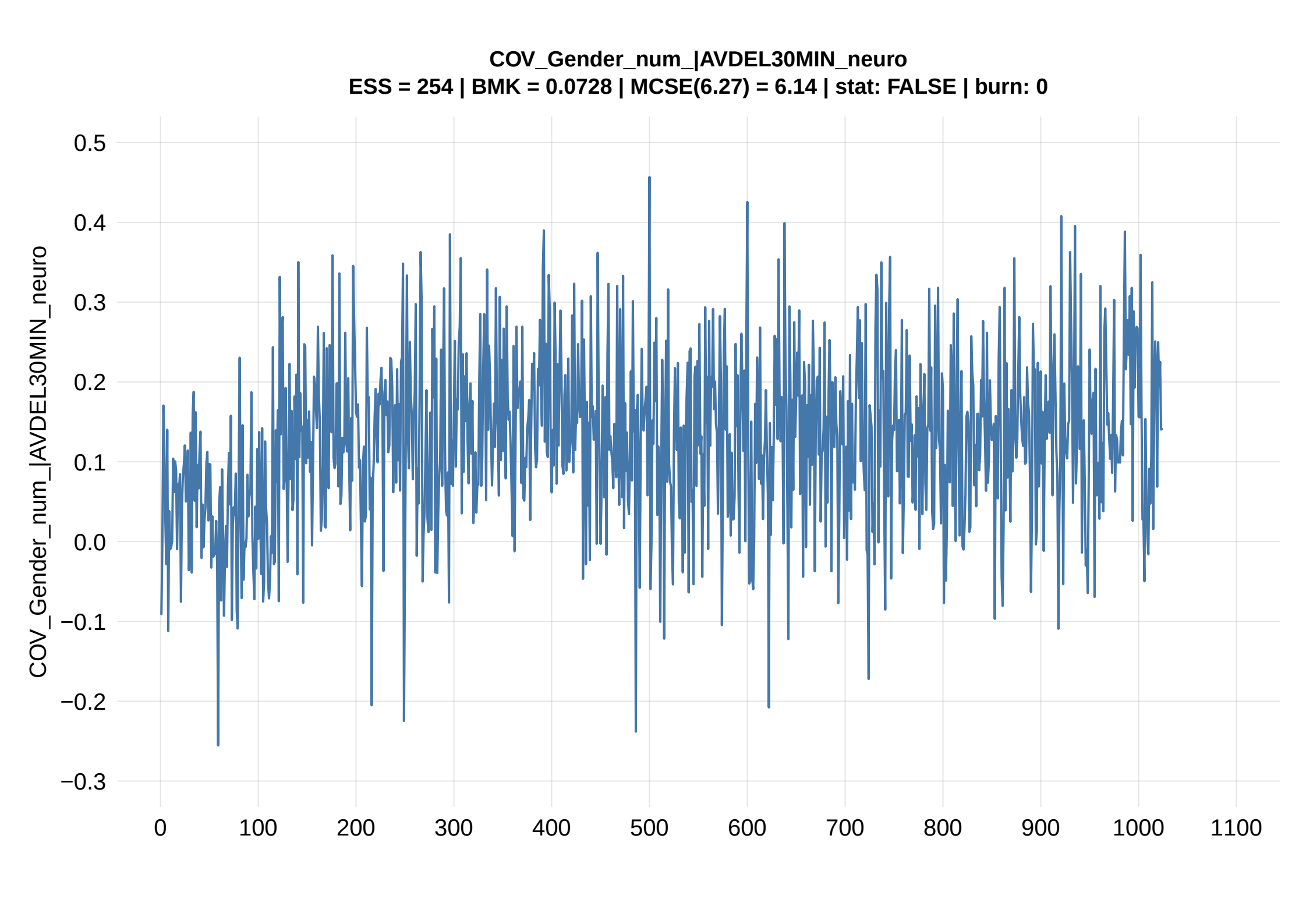

COV_int_Subgroup_|CATANIMSC_neuro
ESS = 853 | BMK = 0.0845 | MCSE(6.27) = 3.52 | stat: FALSE | burn: 0
COV_int_Subgroup_|CATANIMSC_neuro
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
100
200
300
400
500
600
700
800
900
1000
1100

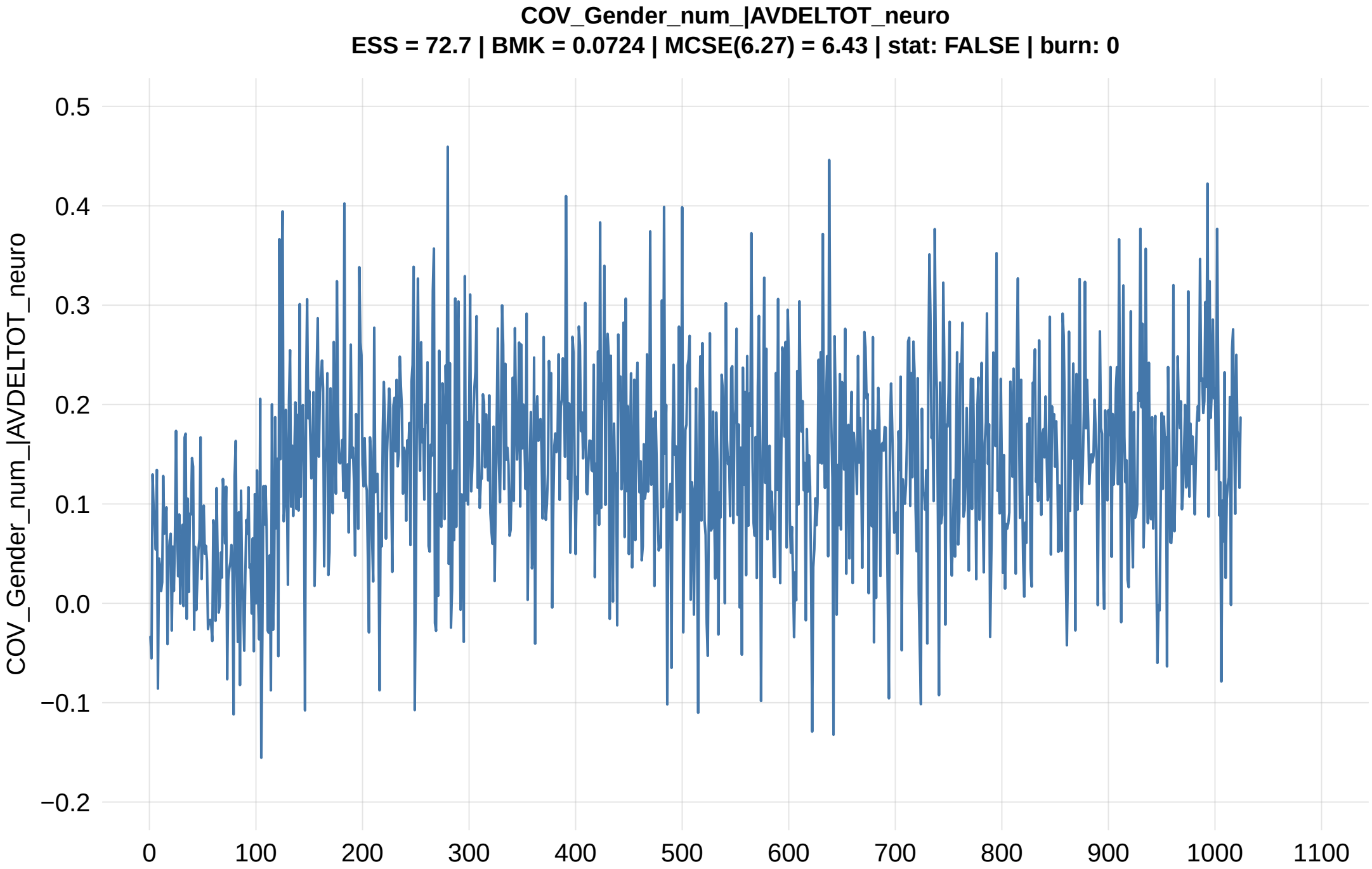

COV_int_Subgroup_|Apoe4_
ESS = 915 | BMK = 0.0861 | MCSE(6.27) = 3.92 | stat: FALSE | burn: 0
COV_int_Subgroup_|Apoe4_
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
0
100
200
300
400
500
600
700
800
900
1000
1100

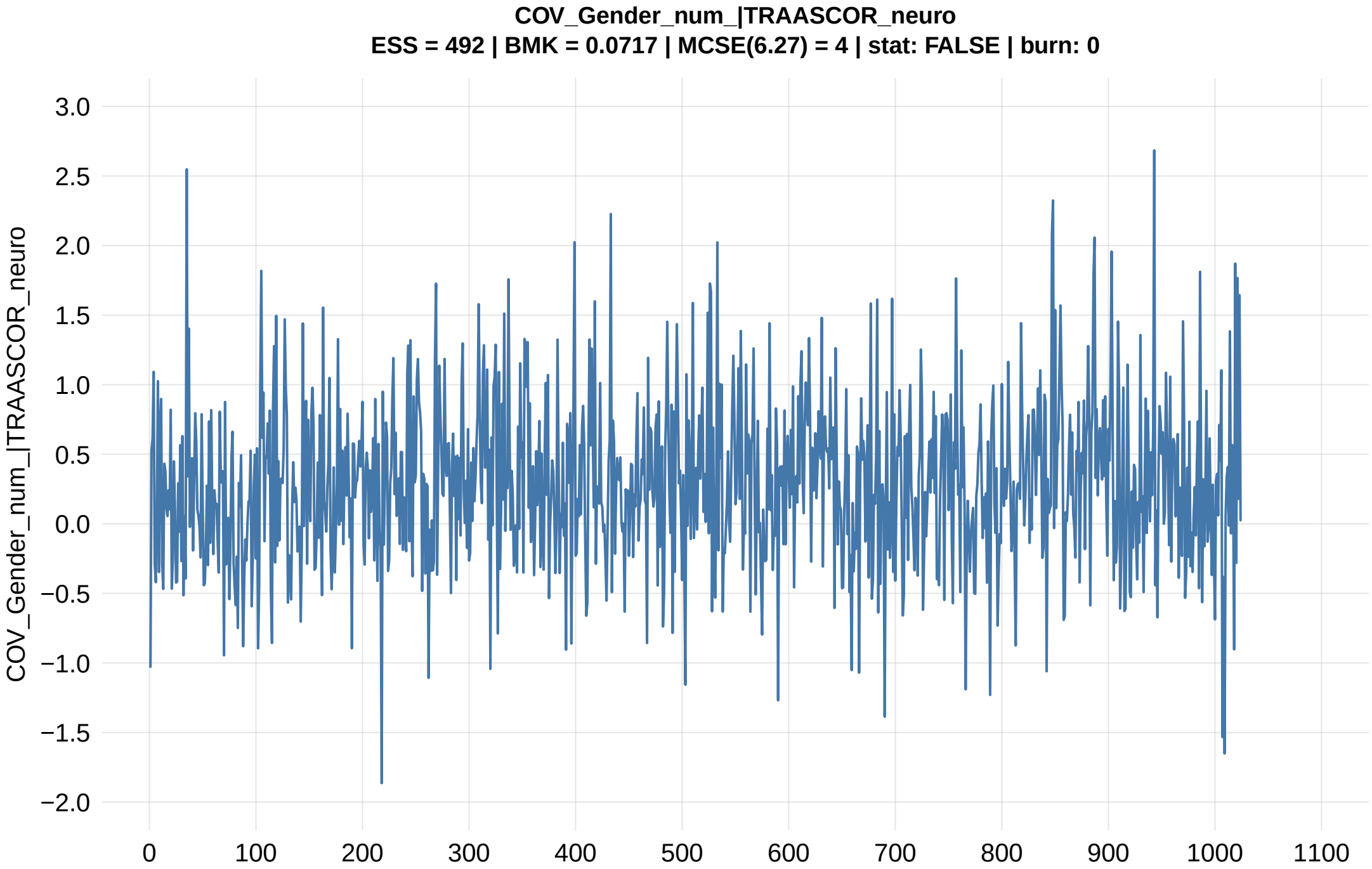

COV_int_Subgroup_|GDTOTAL_gds
ESS = 320 | BMK = 0.088 | MCSE(6.27) = 4.84 | stat: FALSE | burn: 0
COV_int_Subgroup_|GDTOTAL_gds
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
0
100
200
300
400
500
600
700
800
900
1000
1100

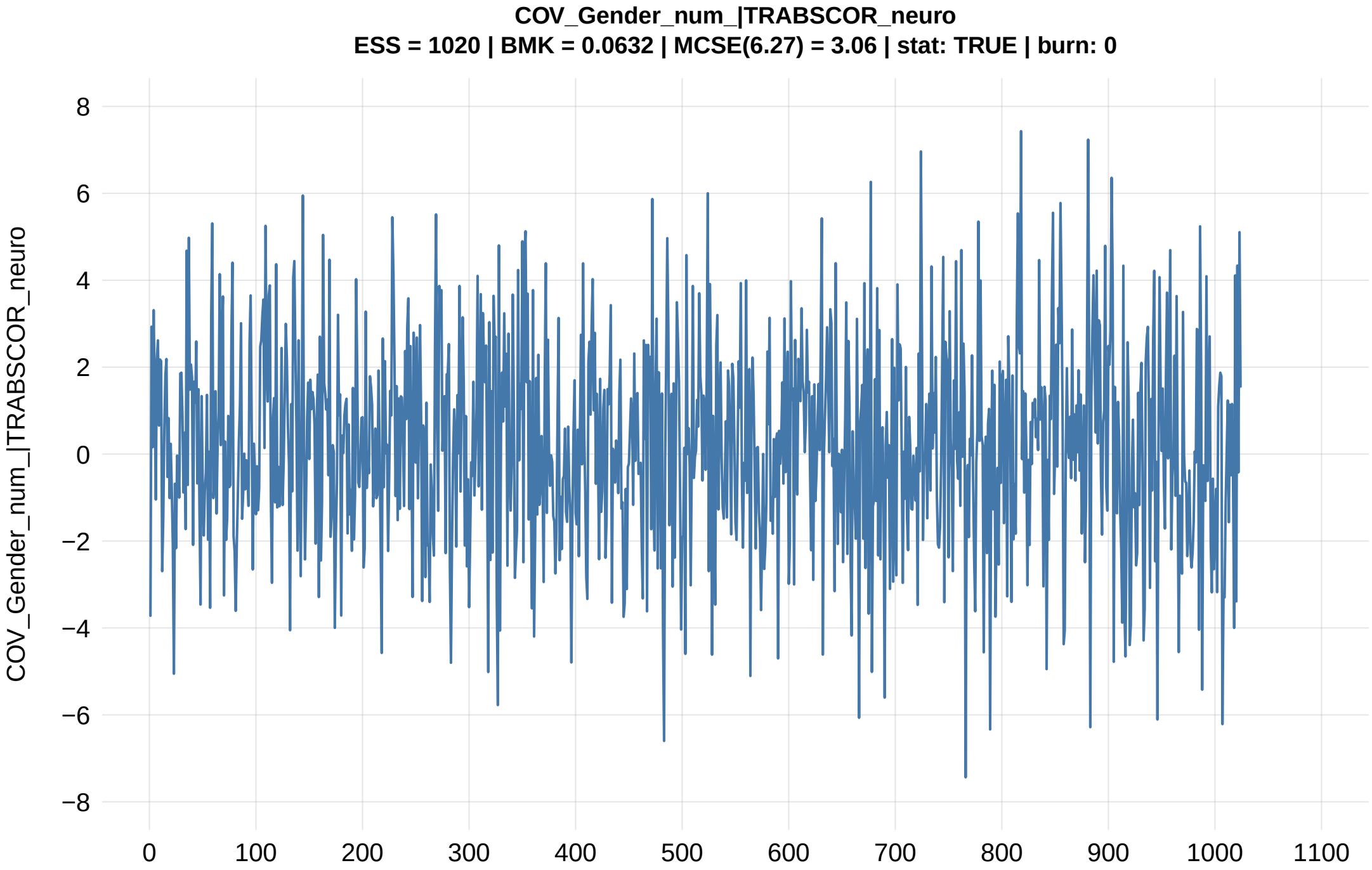

COV_int_Subgroup_|ANARTERR_neuro
ESS = 546 | BMK = 0.0513 | MCSE(6.27) = 4.5 | stat: FALSE | burn: 0
COV_int_Subgroup_|ANARTERR_neuro
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
0
100
200
300
400
500
600
700
800
900
1000
1100

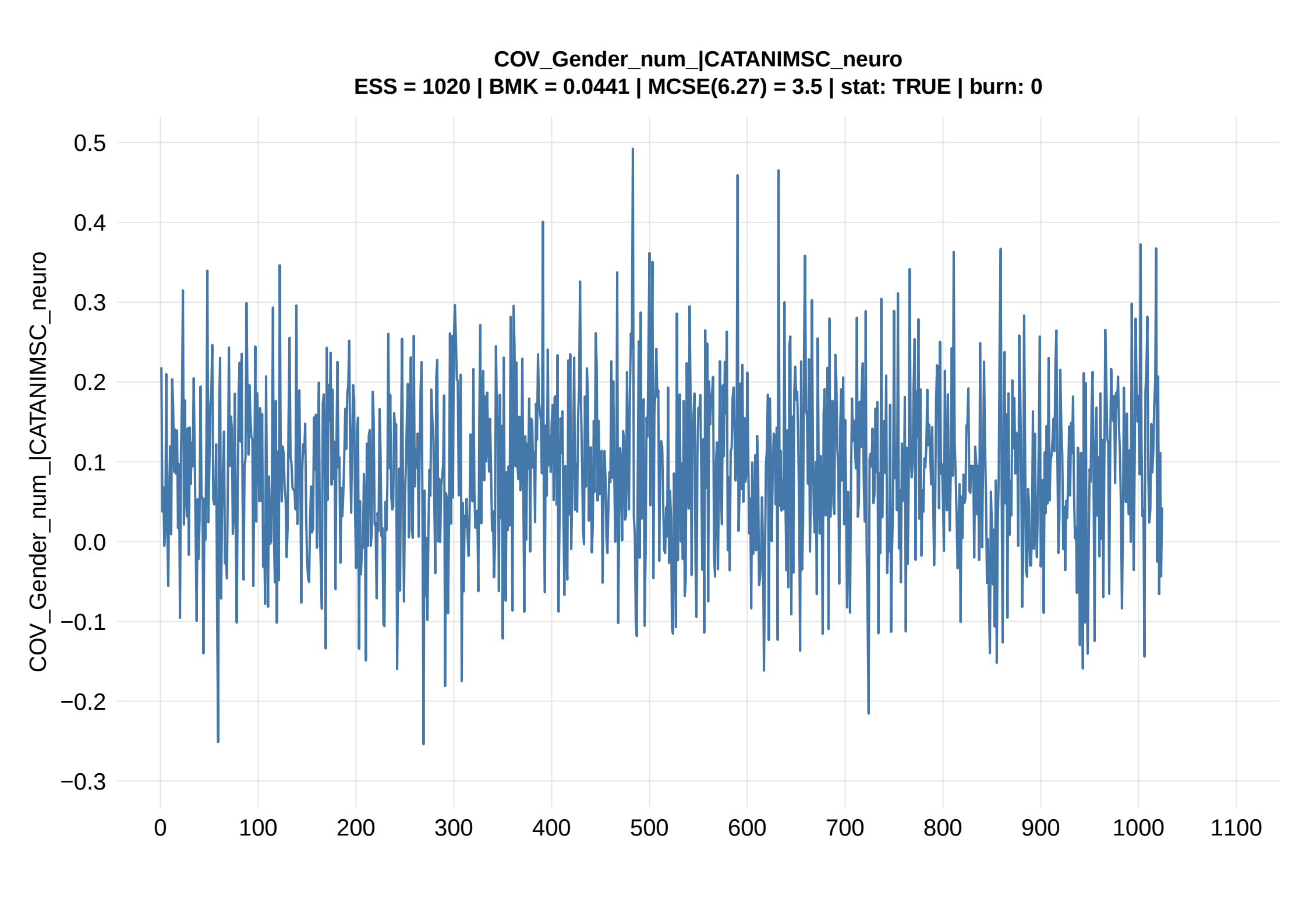

COV_Gender_num_|RAVLT_immediate
ESS = 379 | BMK = 0.0636 | MCSE(6.27) = 5.52 | stat: FALSE | burn: 0
COV_Gender_num_|RAVLT_immediate
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
100
200
300
400
500
600
700
800
900
1000
1100

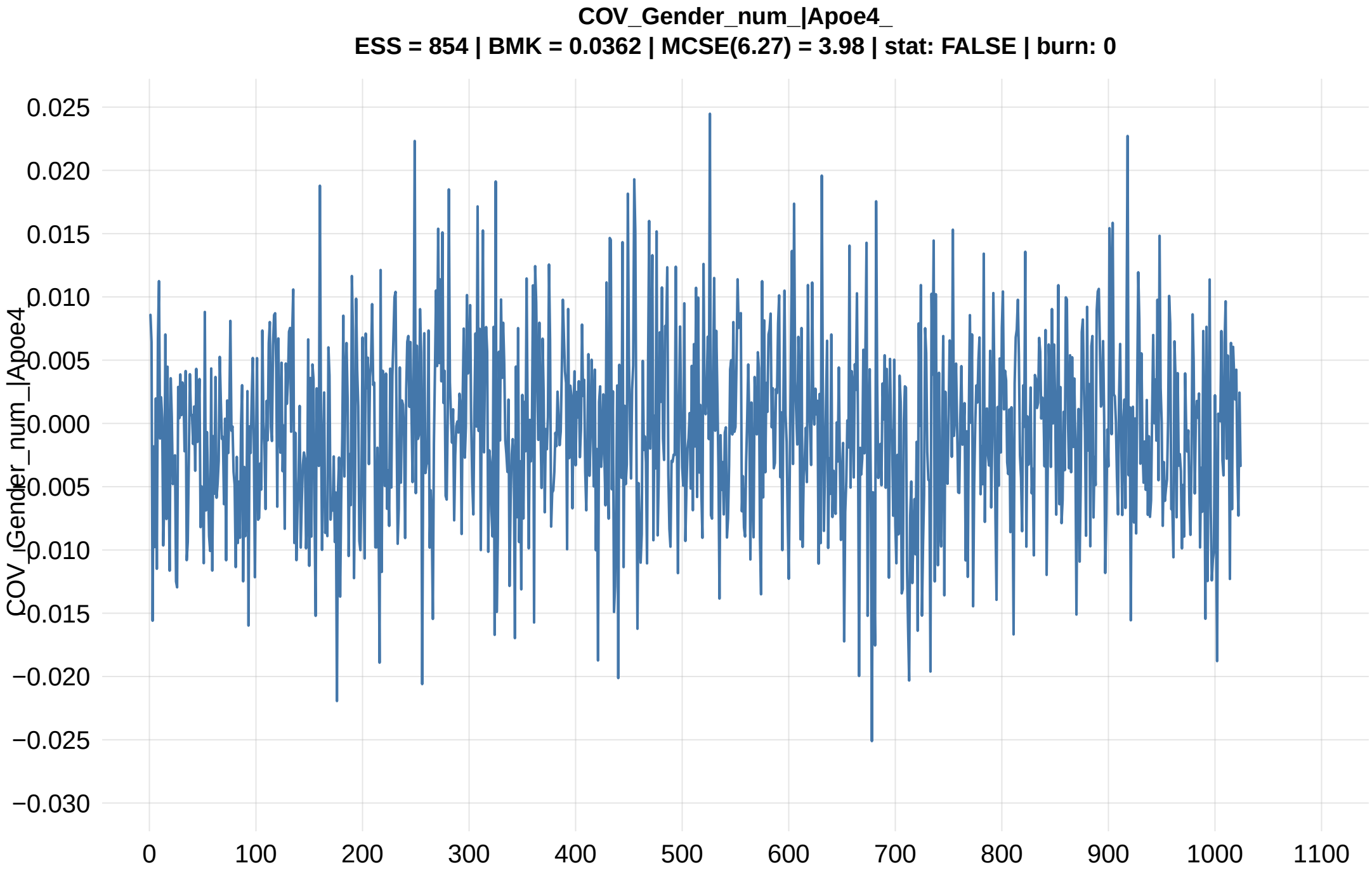

COV_Gender_num_|AVDEL30MIN_neuro
ESS = 254 | BMK = 0.0728 | MCSE(6.27) = 6.14 | stat: FALSE | burn: 0
COV_Gender_num_|AVDEL30MIN_neuro
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
100
200
300
400
500
600
700
800
900
1000
1100

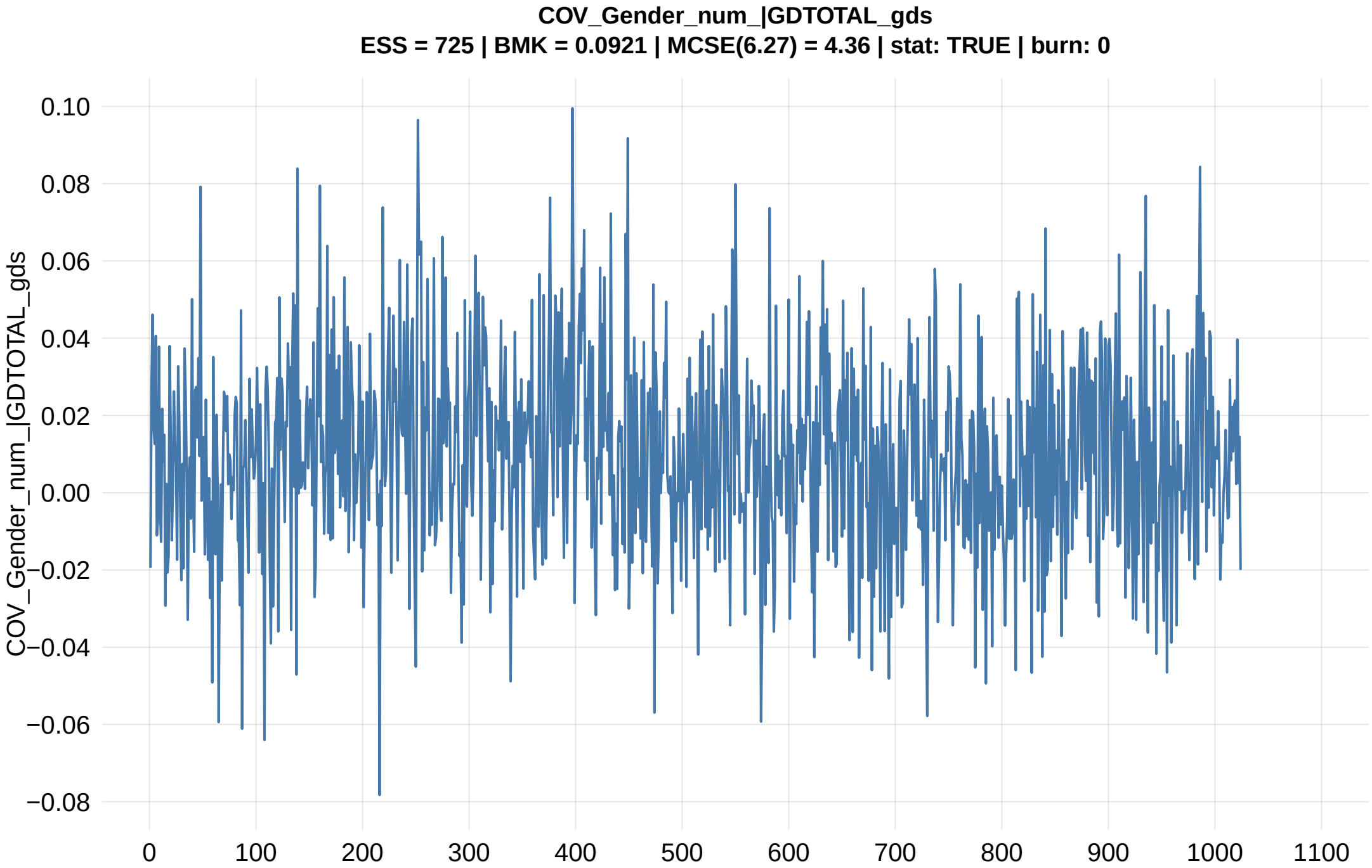

COV_Gender_num_|AVDELTOT_neuro
ESS = 72.7 | BMK = 0.0724 | MCSE(6.27) = 6.43 | stat: FALSE | burn: 0
COV_Gender_num_|AVDELTOT_neuro
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
100
200
300
400
500
600
700
800
900
1000
1100

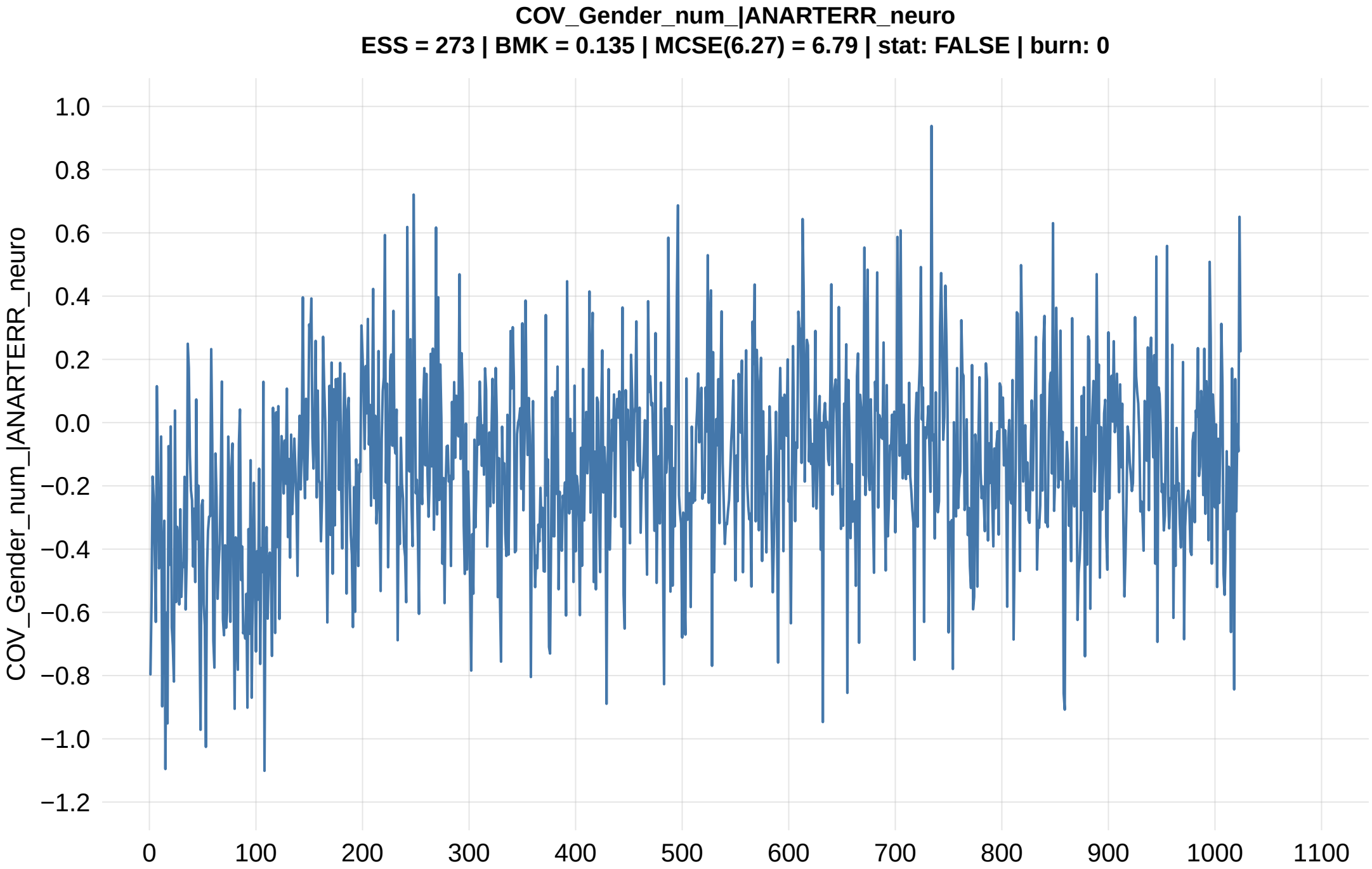

COV_Gender_num_|TRAASCOR_neuro
ESS = 492 | BMK = 0.0717 | MCSE(6.27) = 4 | stat: FALSE | burn: 0
COV_Gender_num_|TRAASCOR_neuro
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
0
100
200
300
400
500
600
700
800
900
1000
1100

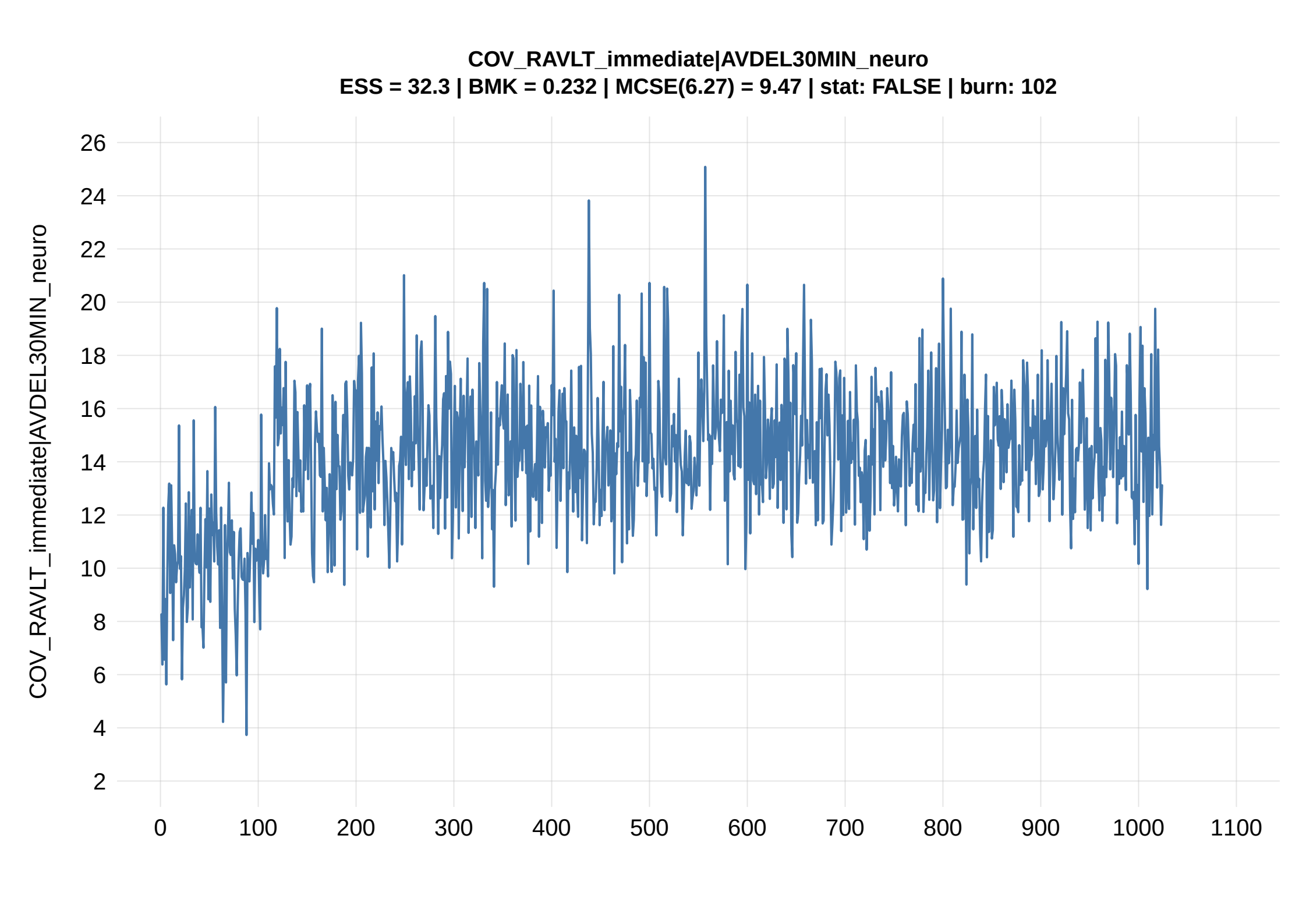

COV_Gender_num_|TRABSCOR_neuro
ESS = 1020 | BMK = 0.0632 | MCSE(6.27) = 3.06 | stat: TRUE | burn: 0
COV_Gender_num_|TRABSCOR_neuro
8
6
4
2
0
−2
−4
−6
−8
0
100
200
300
400
500
600
700
800
900
1000
1100

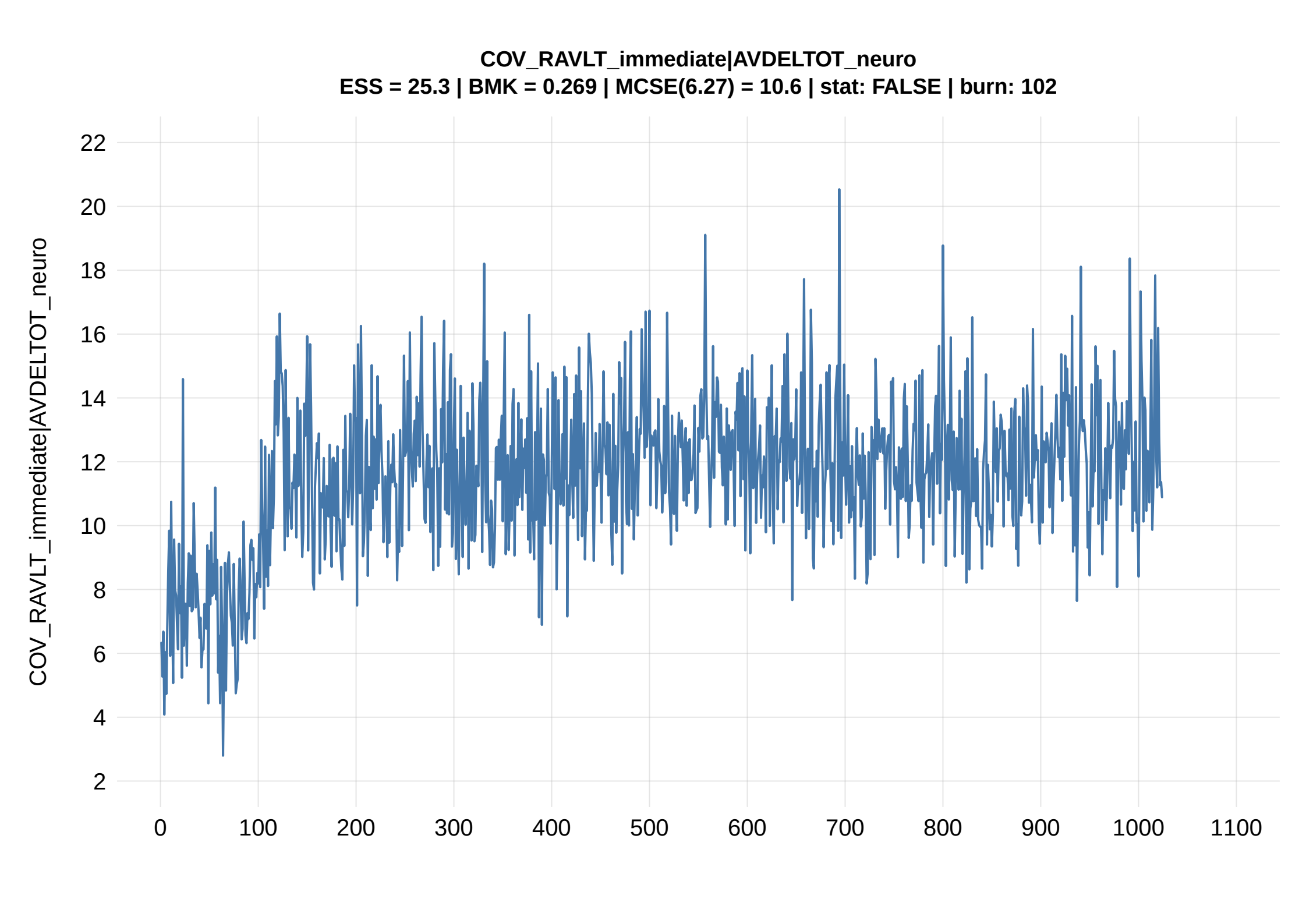

COV_Gender_num_|CATANIMSC_neuro
ESS = 1020 | BMK = 0.0441 | MCSE(6.27) = 3.5 | stat: TRUE | burn: 0
COV_Gender_num_|CATANIMSC_neuro
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
100
200
300
400
500
600
700
800
900
1000
1100

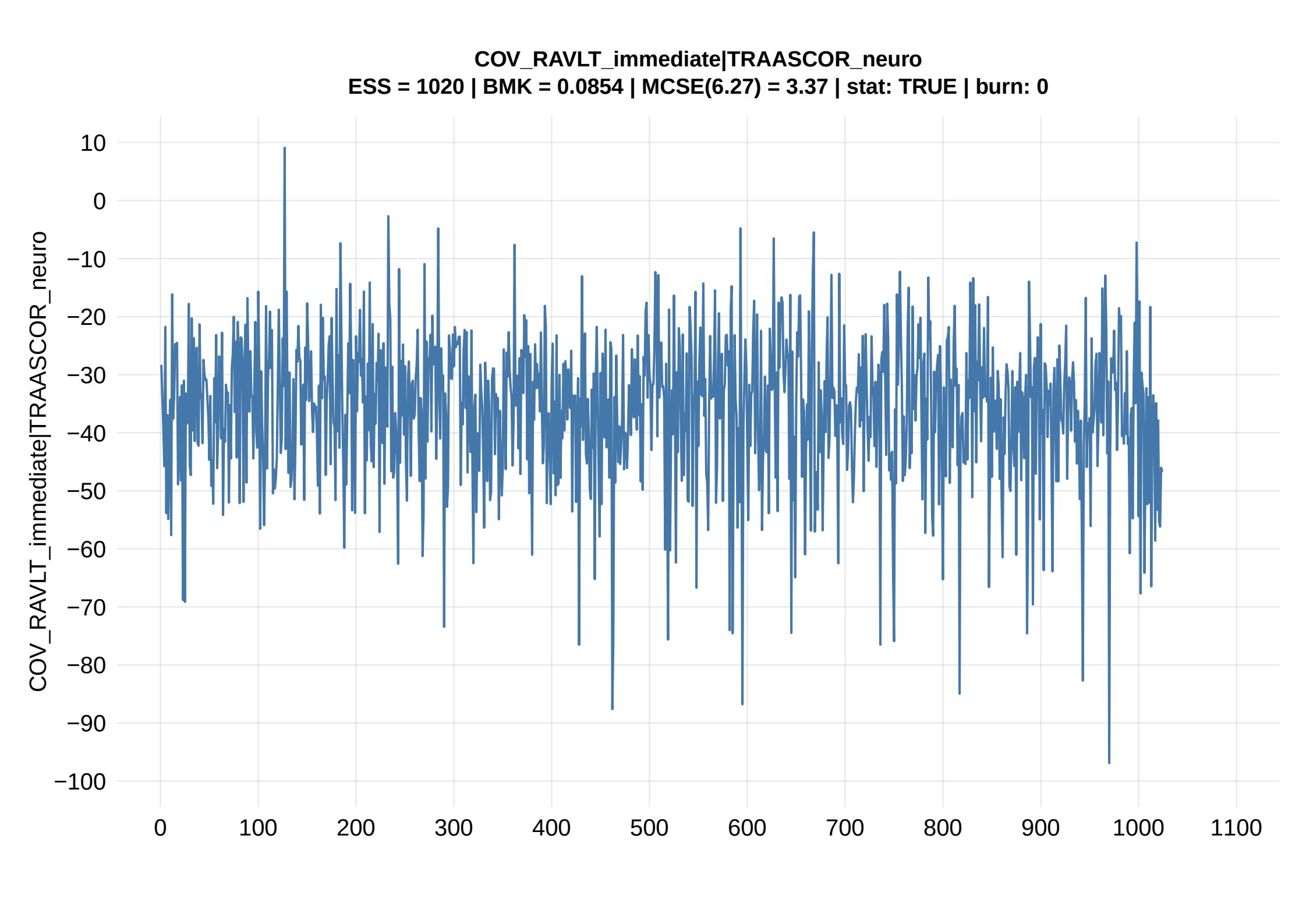

COV_Gender_num_|Apoe4_
ESS = 854 | BMK = 0.0362 | MCSE(6.27) = 3.98 | stat: FALSE | burn: 0
COV_Gender_num_|Apoe4
0.025
0.020
0.015
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030
0
100
200
300
400
500
600
700
800
900
1000
1100

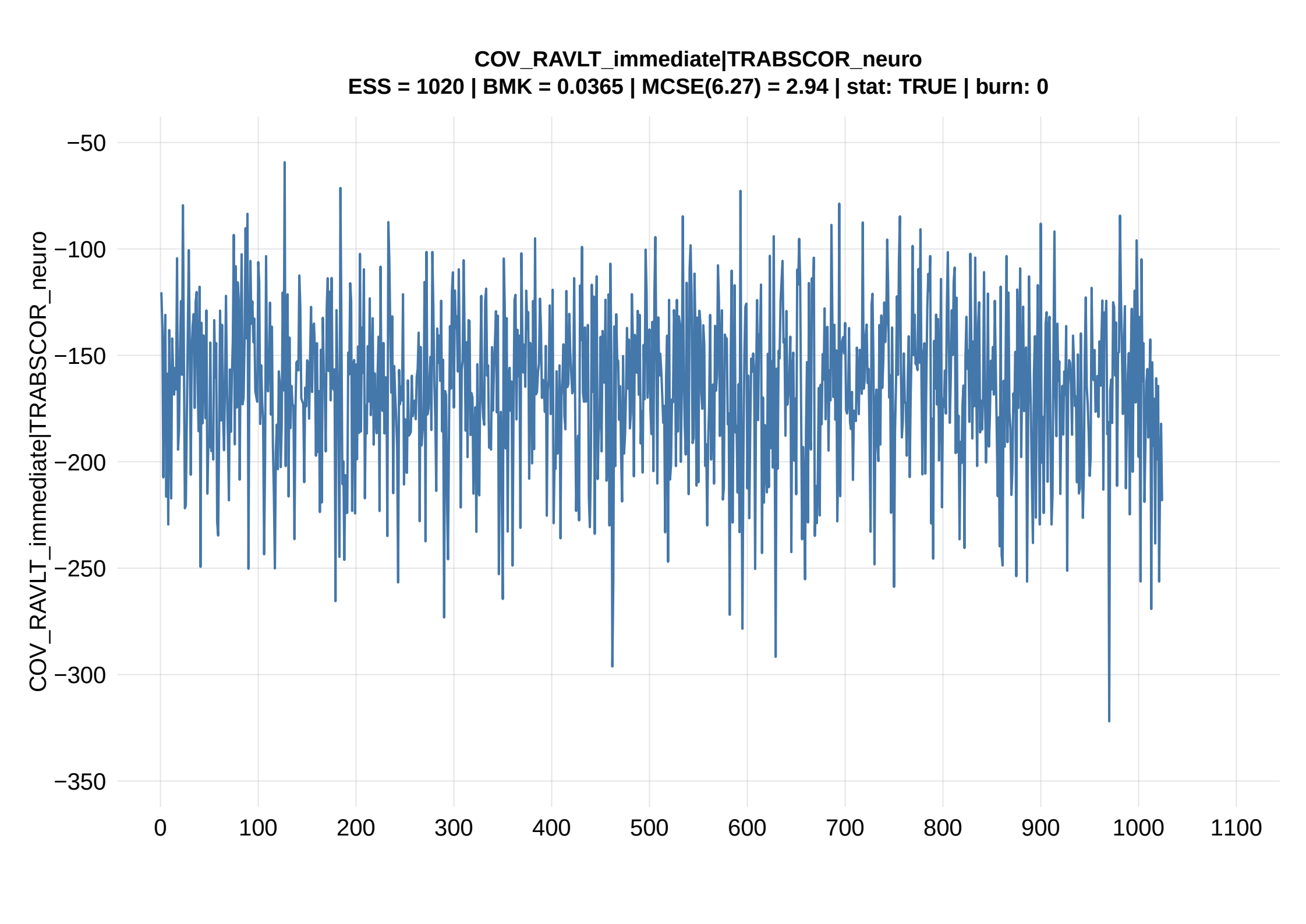

COV_Gender_num_|GDTOTAL_gds
ESS = 725 | BMK = 0.0921 | MCSE(6.27) = 4.36 | stat: TRUE | burn: 0
COV_Gender_num_|GDTOTAL_gds
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
0
100
200
300
400
500
600
700
800
900
1000
1100

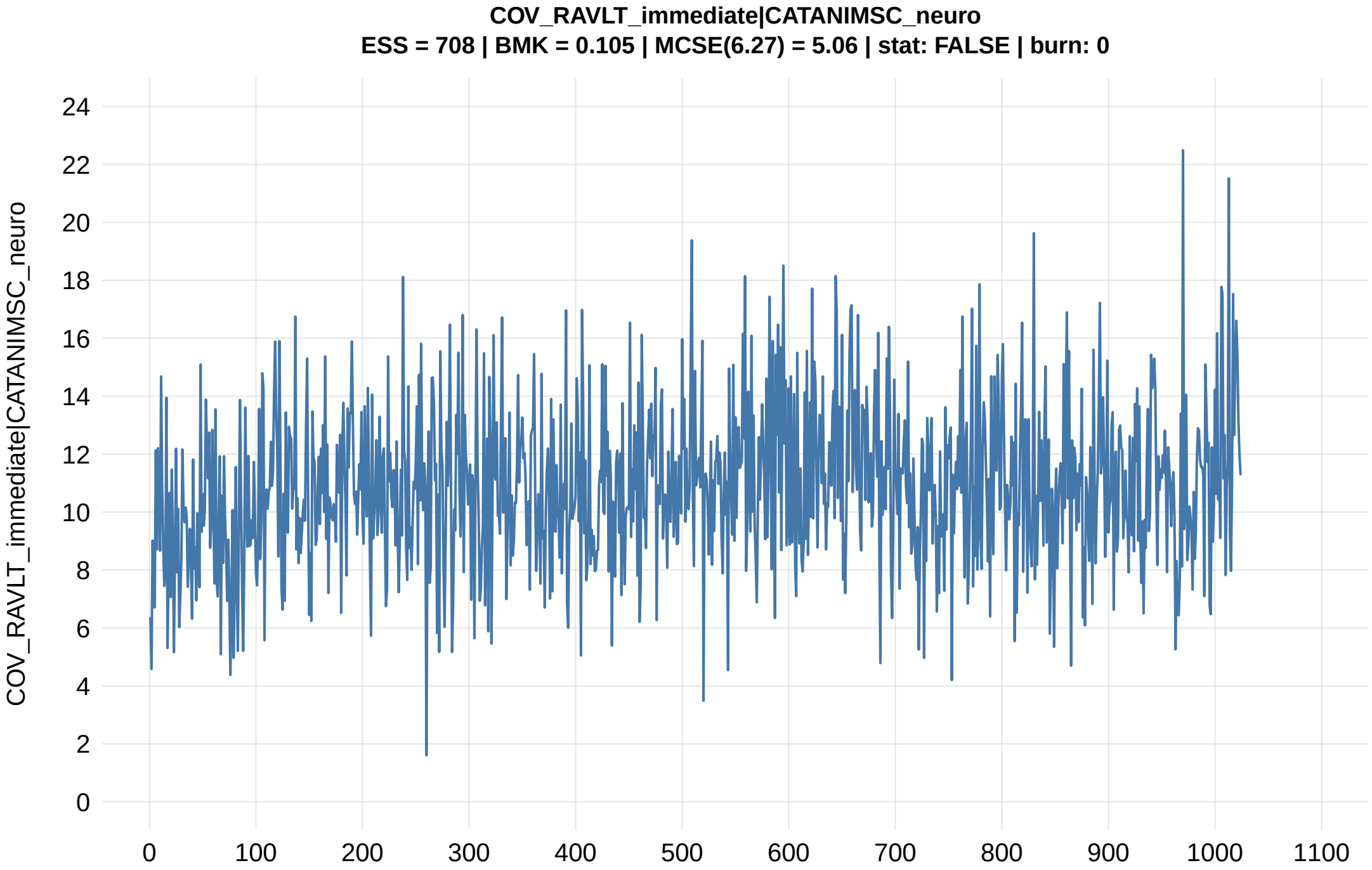

COV_Gender_num_|ANARTERR_neuro
ESS = 273 | BMK = 0.135 | MCSE(6.27) = 6.79 | stat: FALSE | burn: 0
COV_Gender_num_|ANARTERR_neuro
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
0
100
200
300
400
500
600
700
800
900
1000
1100

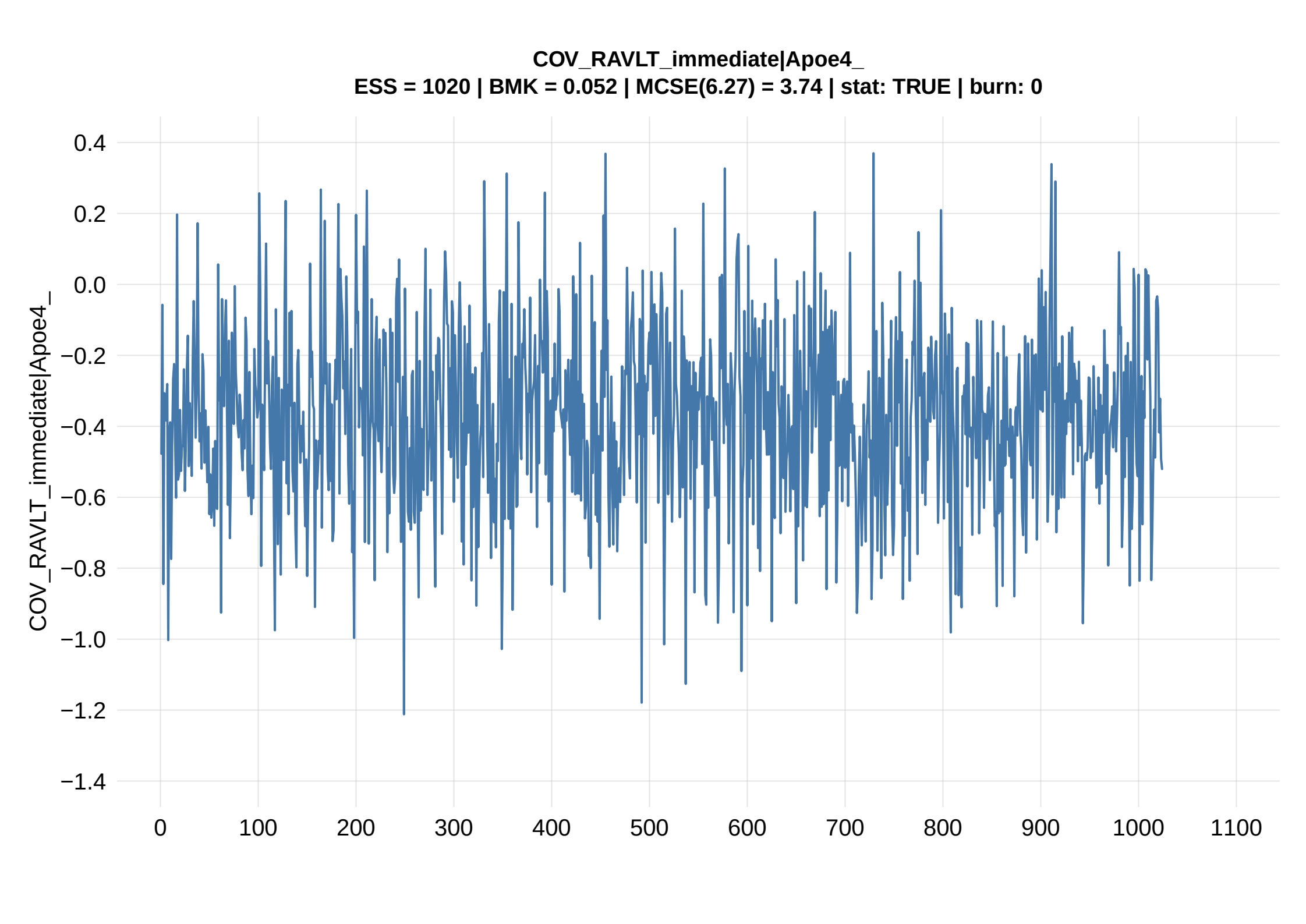

COV_RAVLT_immediate|AVDEL30MIN_neuro
ESS = 32.3 | BMK = 0.232 | MCSE(6.27) = 9.47 | stat: FALSE | burn: 102
COV_RAVLT_immediate|AVDEL30MIN_neuro
26
24
22
20
18
16
14
12
10
8
6
4
2
0
100
200
300
400
500
600
700
800
900
1000
1100

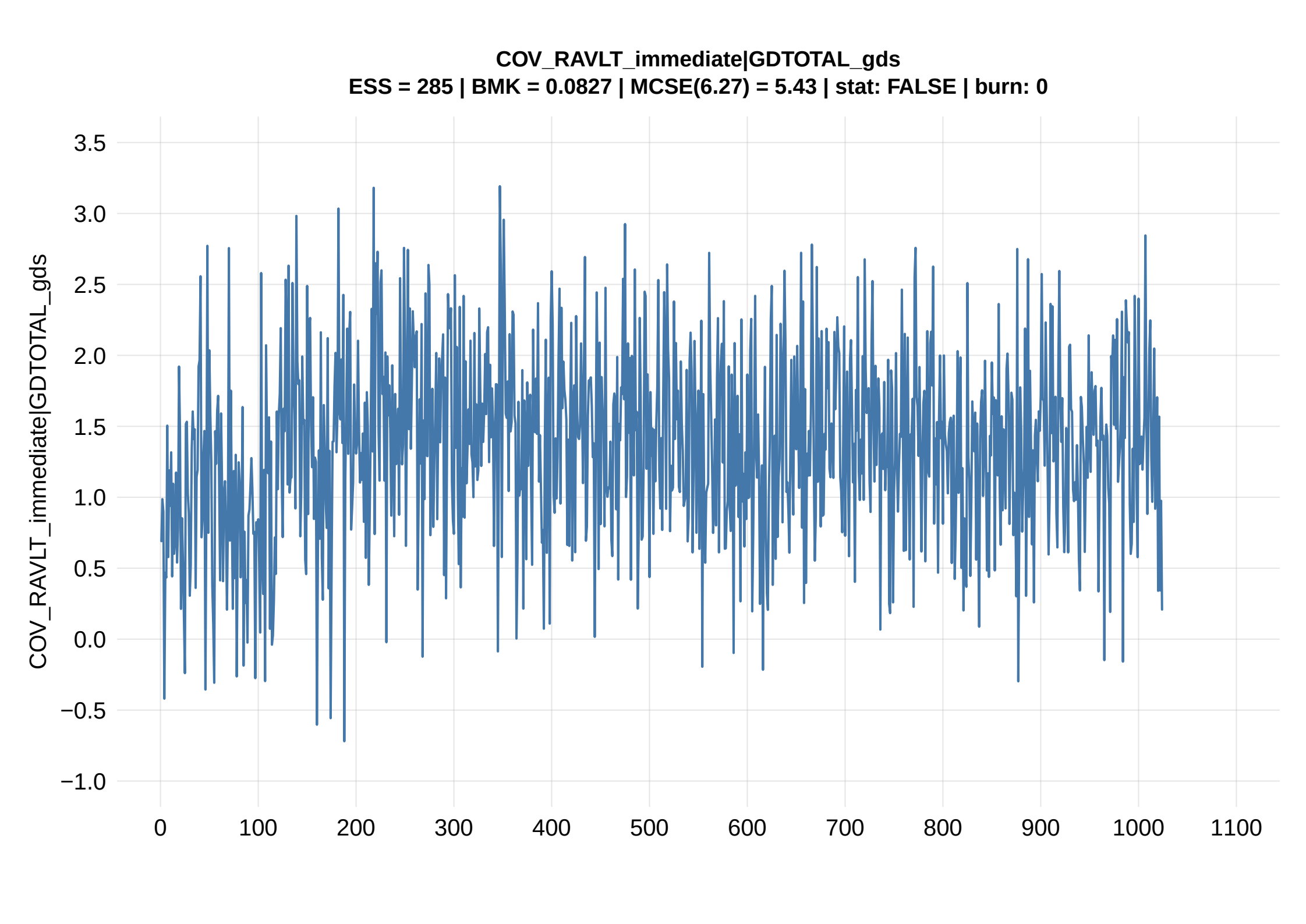

COV_RAVLT_immediate|AVDELTOT_neuro
ESS = 25.3 | BMK = 0.269 | MCSE(6.27) = 10.6 | stat: FALSE | burn: 102
COV_RAVLT_immediate|AVDELTOT_neuro
22
20
18
16
14
12
10
8
6
4
2
0
100
200
300
400
500
600
700
800
900
1000
1100

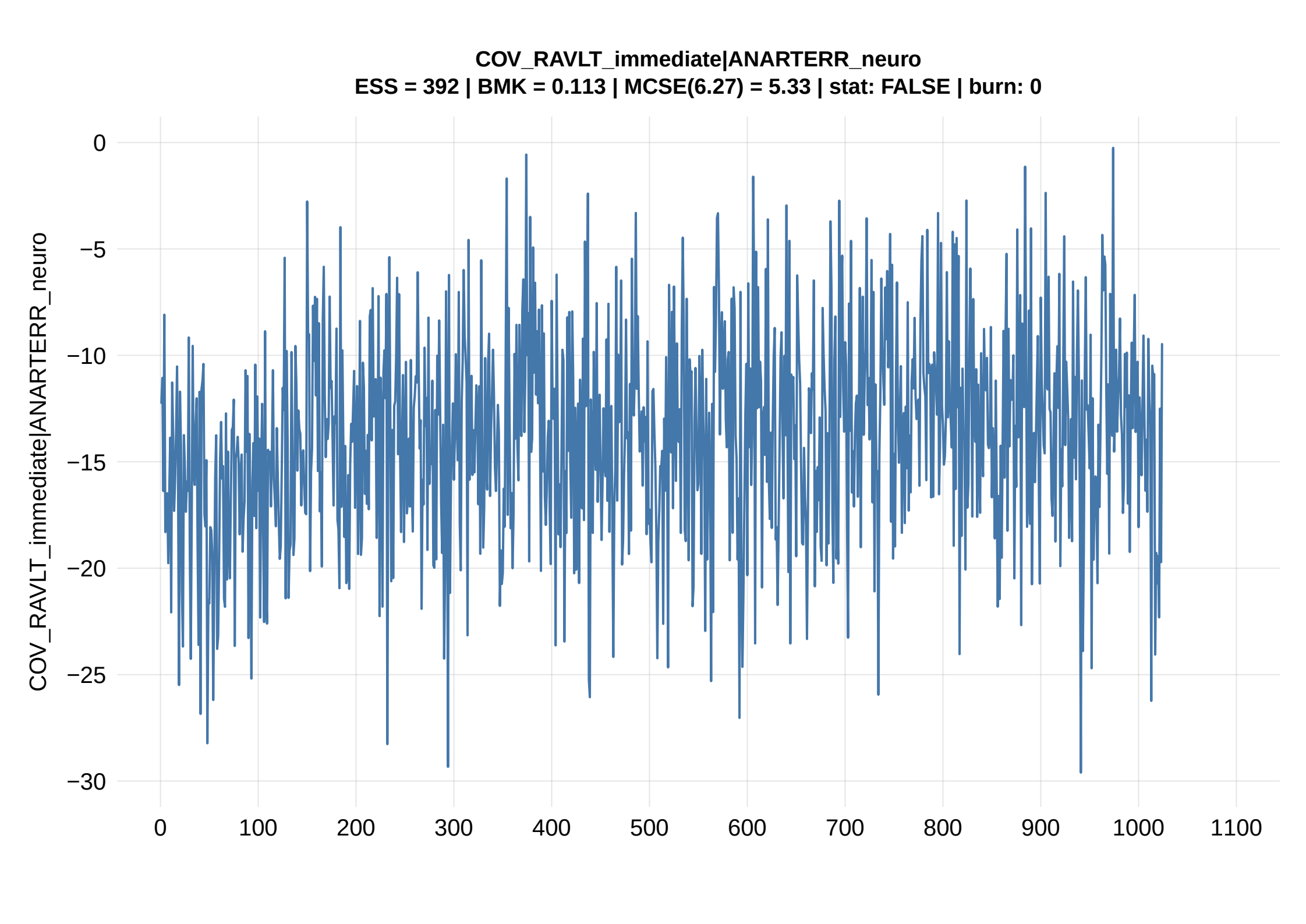

COV_RAVLT_immediate|TRAASCOR_neuro
ESS = 1020 | BMK = 0.0854 | MCSE(6.27) = 3.37 | stat: TRUE | burn: 0
COV_RAVLT_immediate|TRAASCOR_neuro
10
0
−10
−20
−30
−40
−50
−60
−70
−80
−90
−100
0
100
200
300
400
500
600
700
800
900
1000
1100

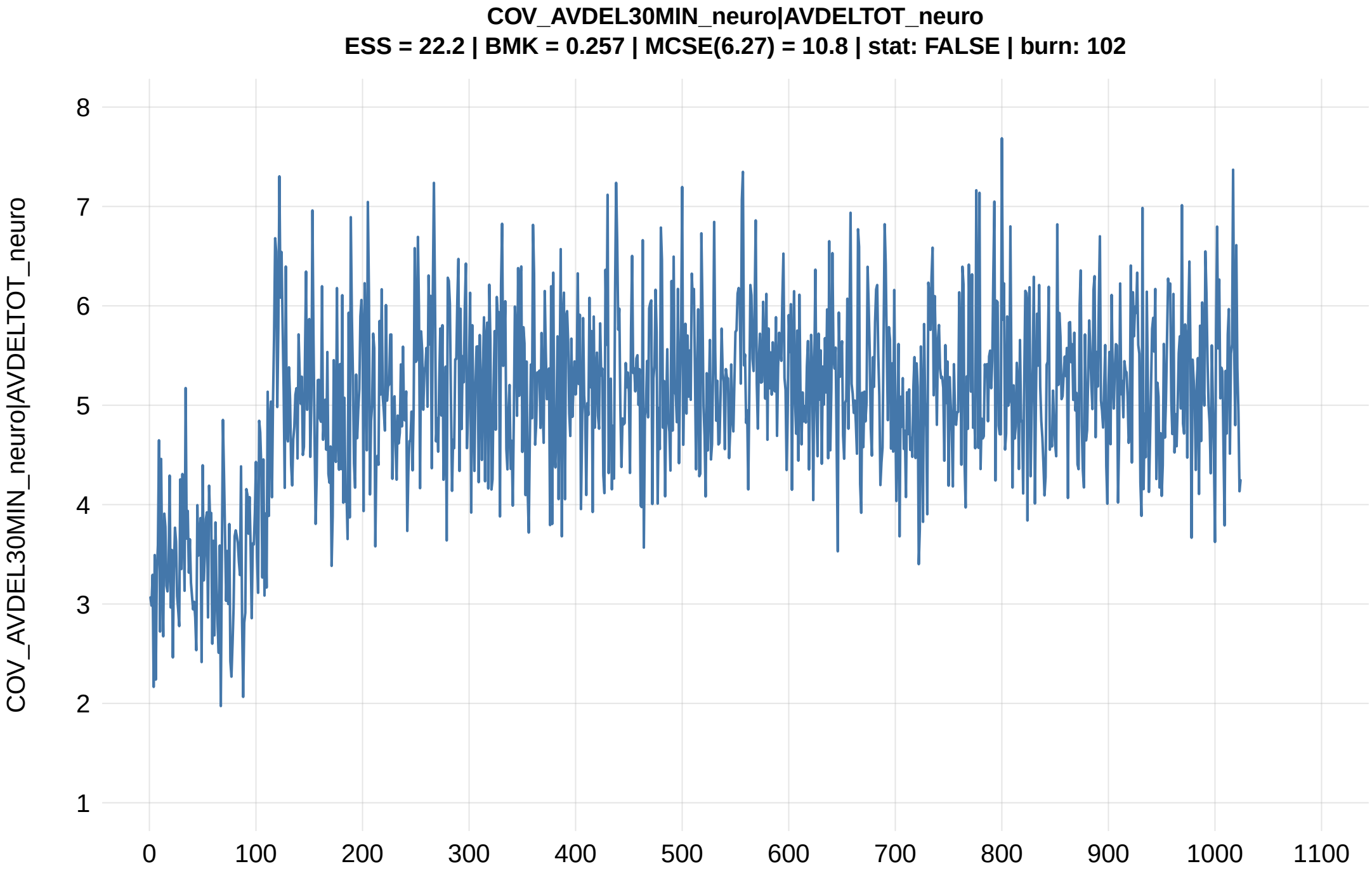

COV_RAVLT_immediate|TRABSCOR_neuro
ESS = 1020 | BMK = 0.0365 | MCSE(6.27) = 2.94 | stat: TRUE | burn: 0
COV_RAVLT_immediate|TRABSCOR_neuro
−50
−100
−150
−200
−250
−300
−350
0
100
200
300
400
500
600
700
800
900
1000
1100

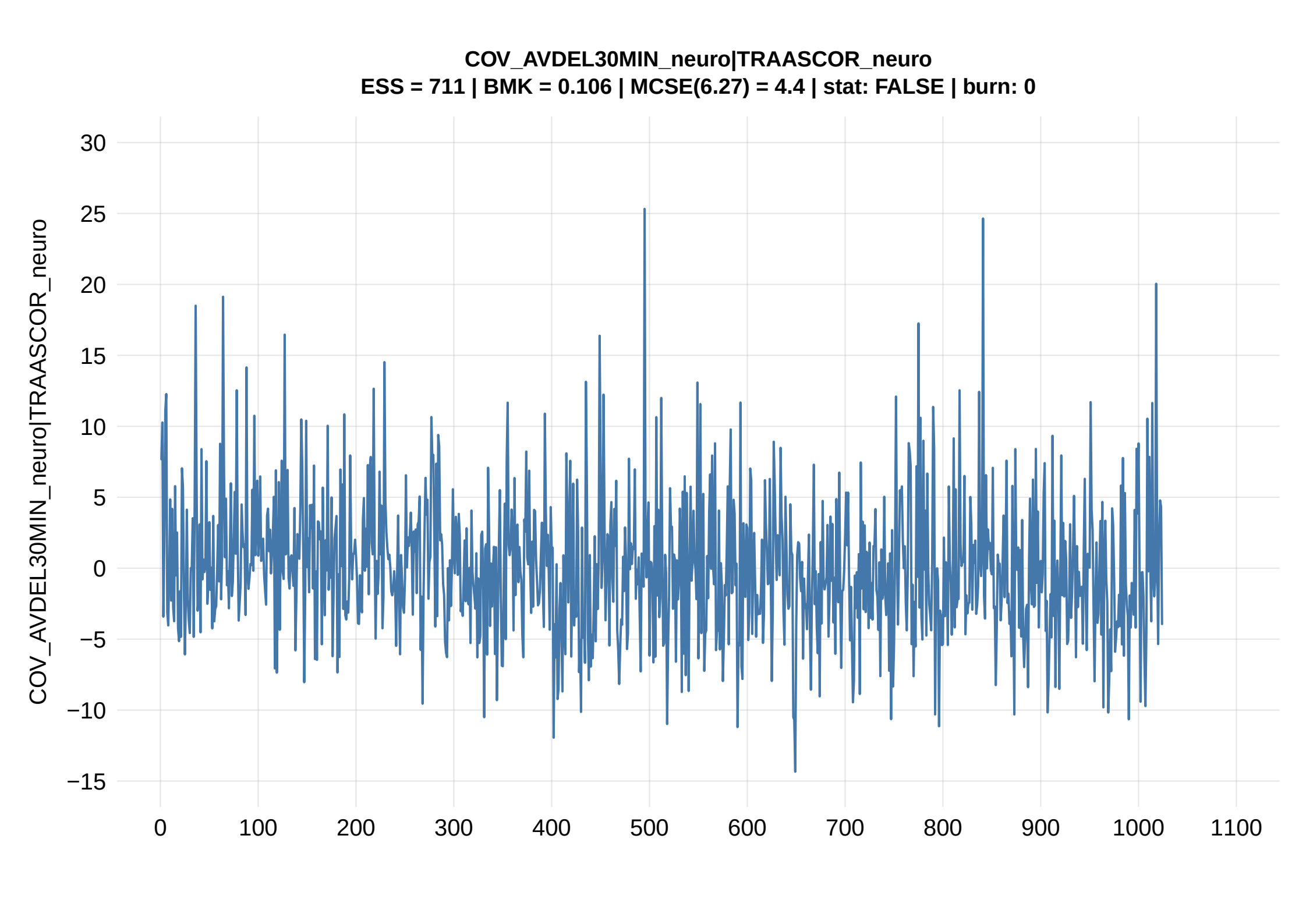

COV_RAVLT_immediate|CATANIMSC_neuro
ESS = 708 | BMK = 0.105 | MCSE(6.27) = 5.06 | stat: FALSE | burn: 0
COV_RAVLT_immediate|CATANIMSC_neuro
24
22
20
18
16
14
12
10
8
6
4
2
0
0
100
200
300
400
500
600
700
800
900
1000
1100

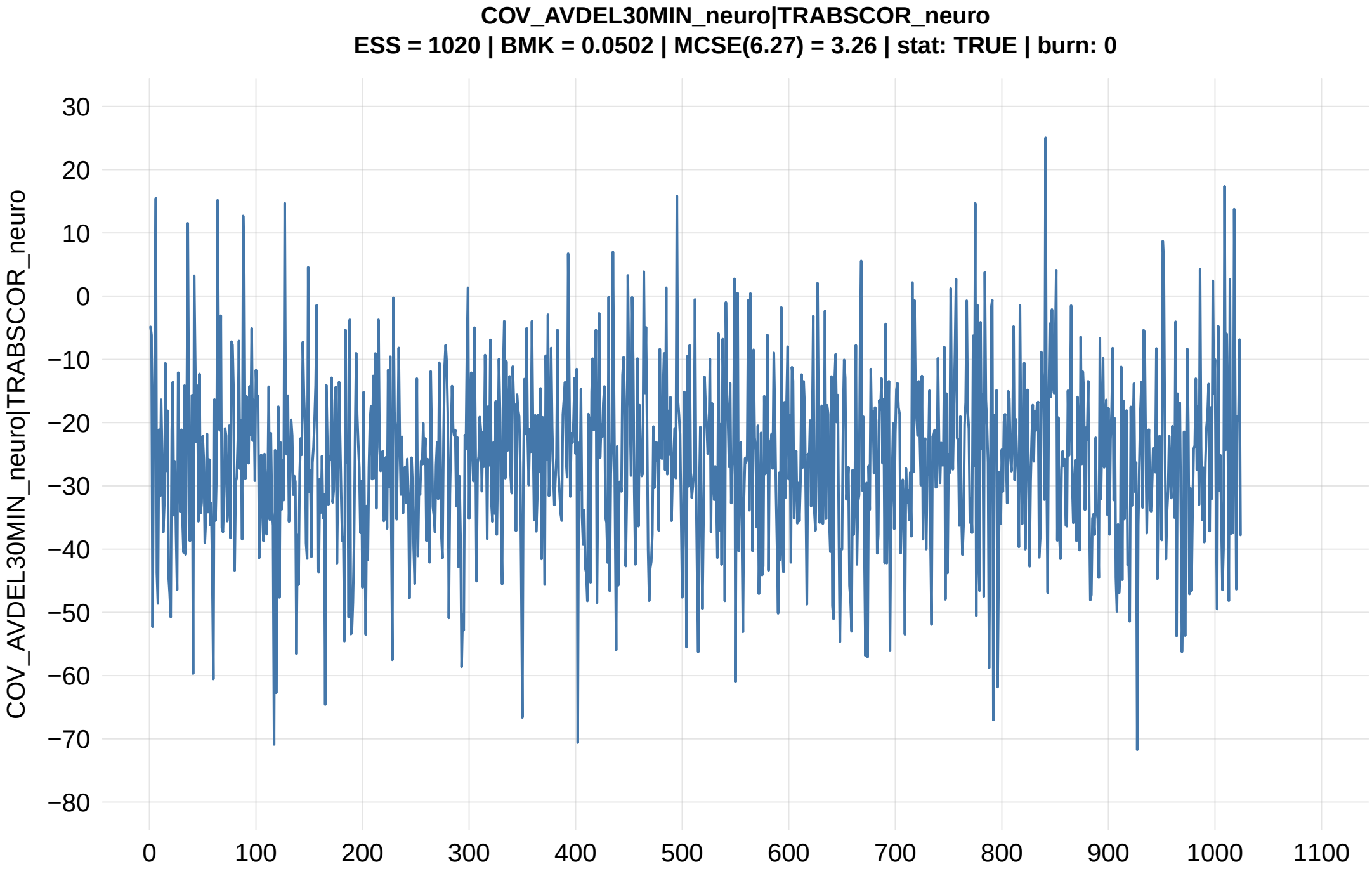

COV_RAVLT_immediate|Apoe4_
ESS = 1020 | BMK = 0.052 | MCSE(6.27) = 3.74 | stat: TRUE | burn: 0
COV_RAVLT_immediate|Apoe4_
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
0
100
200
300
400
500
600
700
800
900
1000
1100

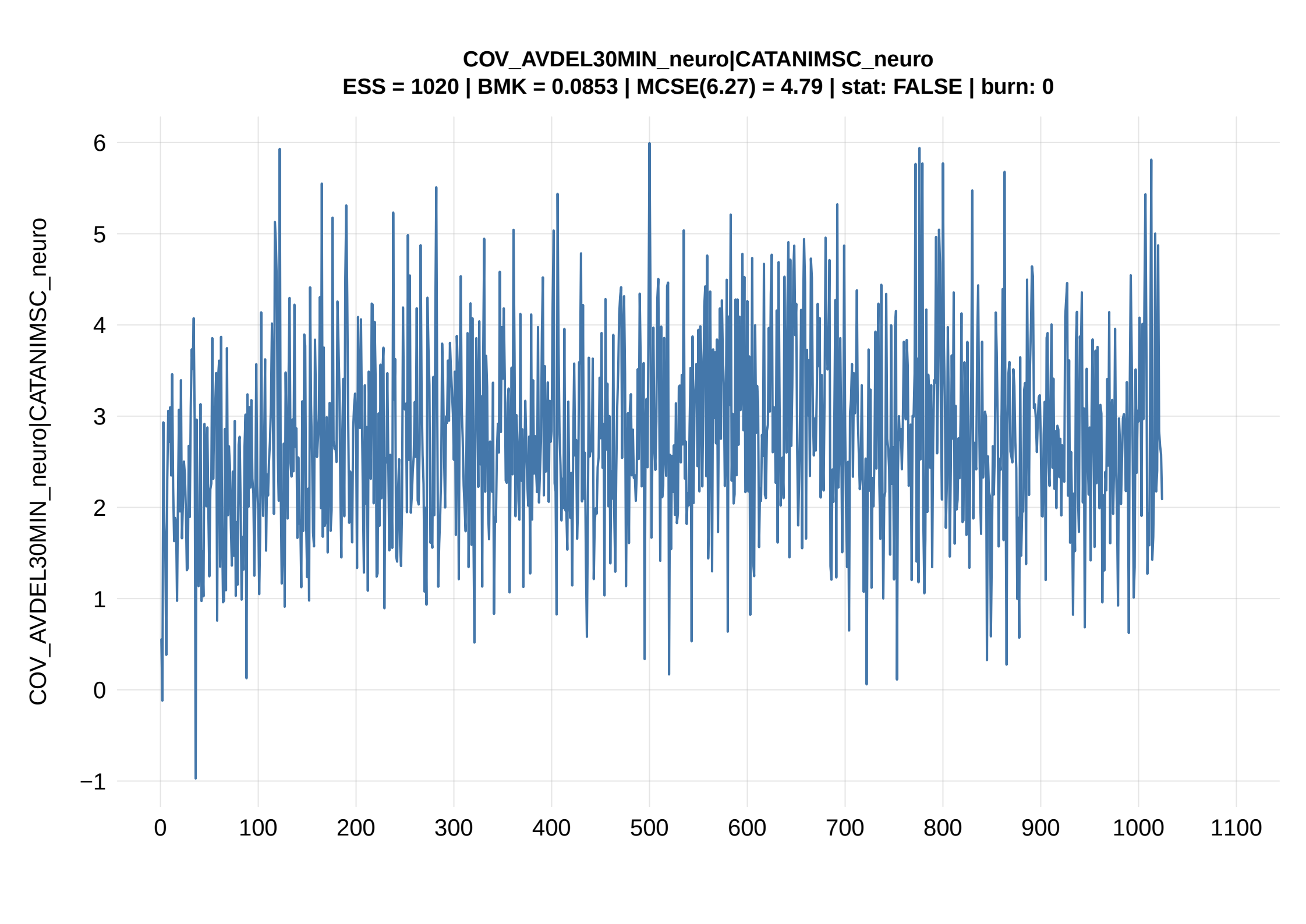

COV_RAVLT_immediate|GDTOTAL_gds
ESS = 285 | BMK = 0.0827 | MCSE(6.27) = 5.43 | stat: FALSE | burn: 0
COV_RAVLT_immediate|GDTOTAL_gds
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
0
100
200
300
400
500
600
700
800
900
1000
1100

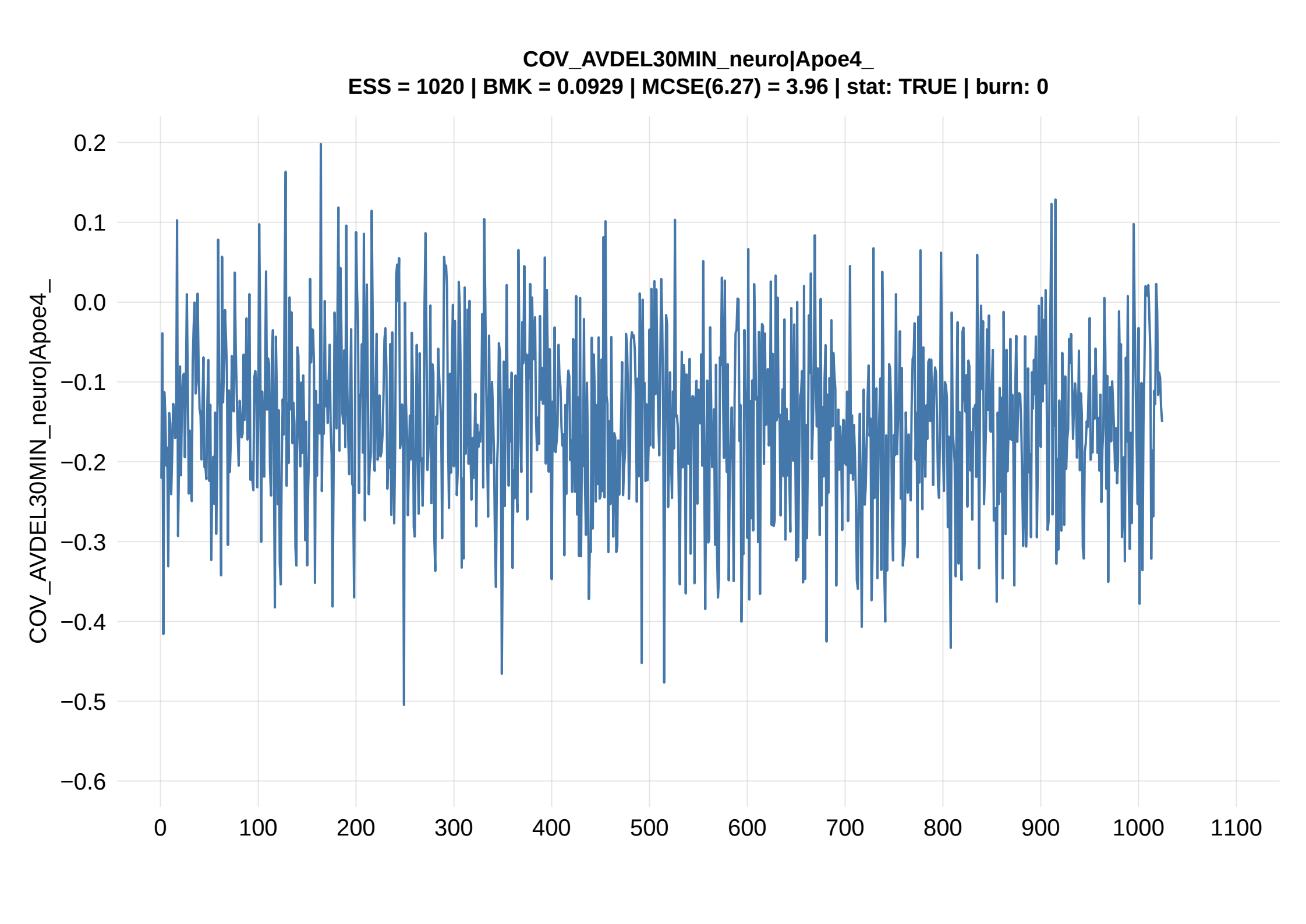

COV_RAVLT_immediate|ANARTERR_neuro
ESS = 392 | BMK = 0.113 | MCSE(6.27) = 5.33 | stat: FALSE | burn: 0
COV_RAVLT_immediate|ANARTERR_neuro
0
−5
−10
−15
−20
−25
−30
0
100
200
300
400
500
600
700
800
900
1000
1100

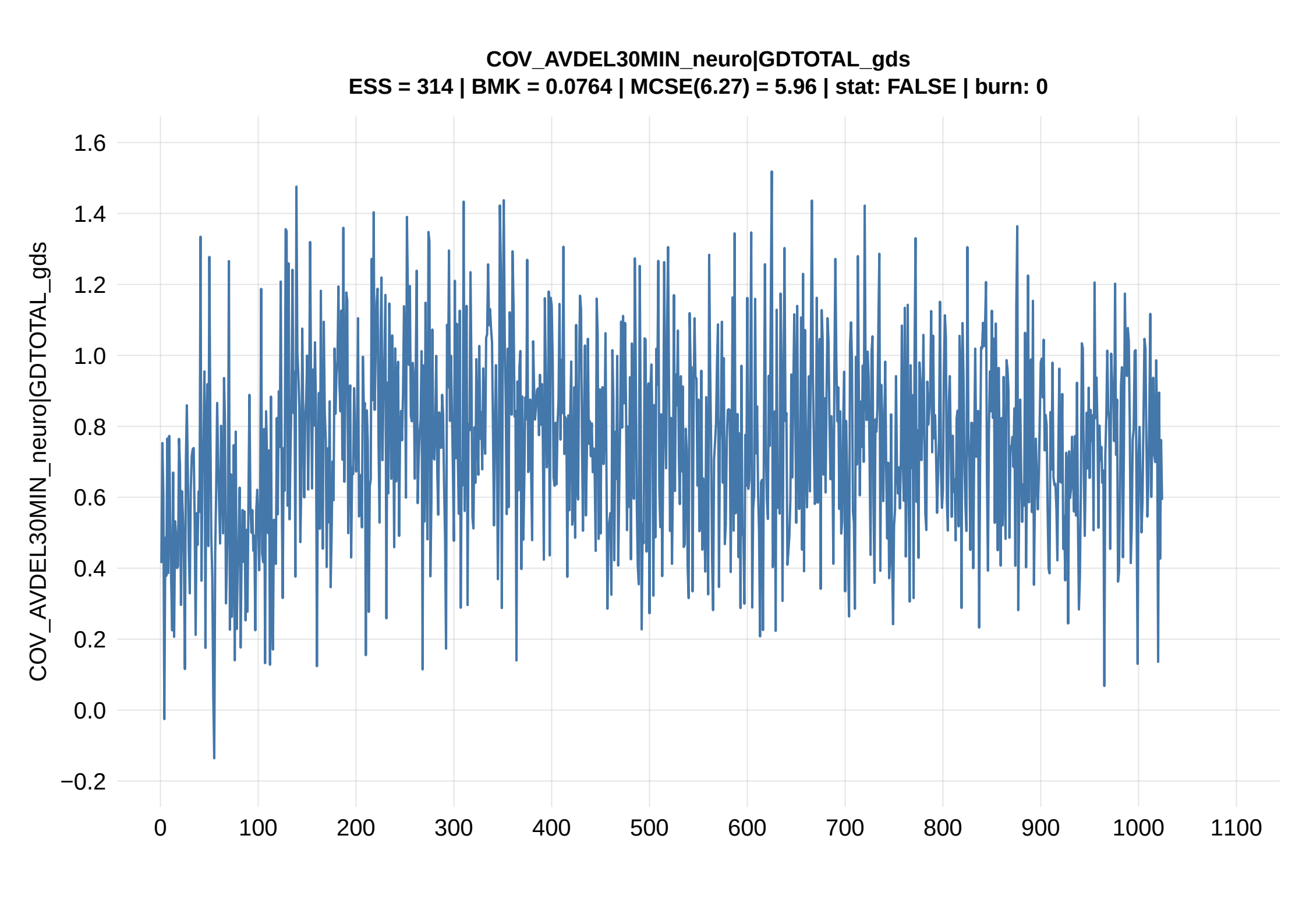

COV_AVDEL30MIN_neuro|AVDELTOT_neuro
ESS = 22.2 | BMK = 0.257 | MCSE(6.27) = 10.8 | stat: FALSE | burn: 102
COV_AVDEL30MIN_neuro|AVDELTOT_neuro
8
7
6
5
4
3
2
1
0
100
200
300
400
500
600
700
800
900
1000
1100

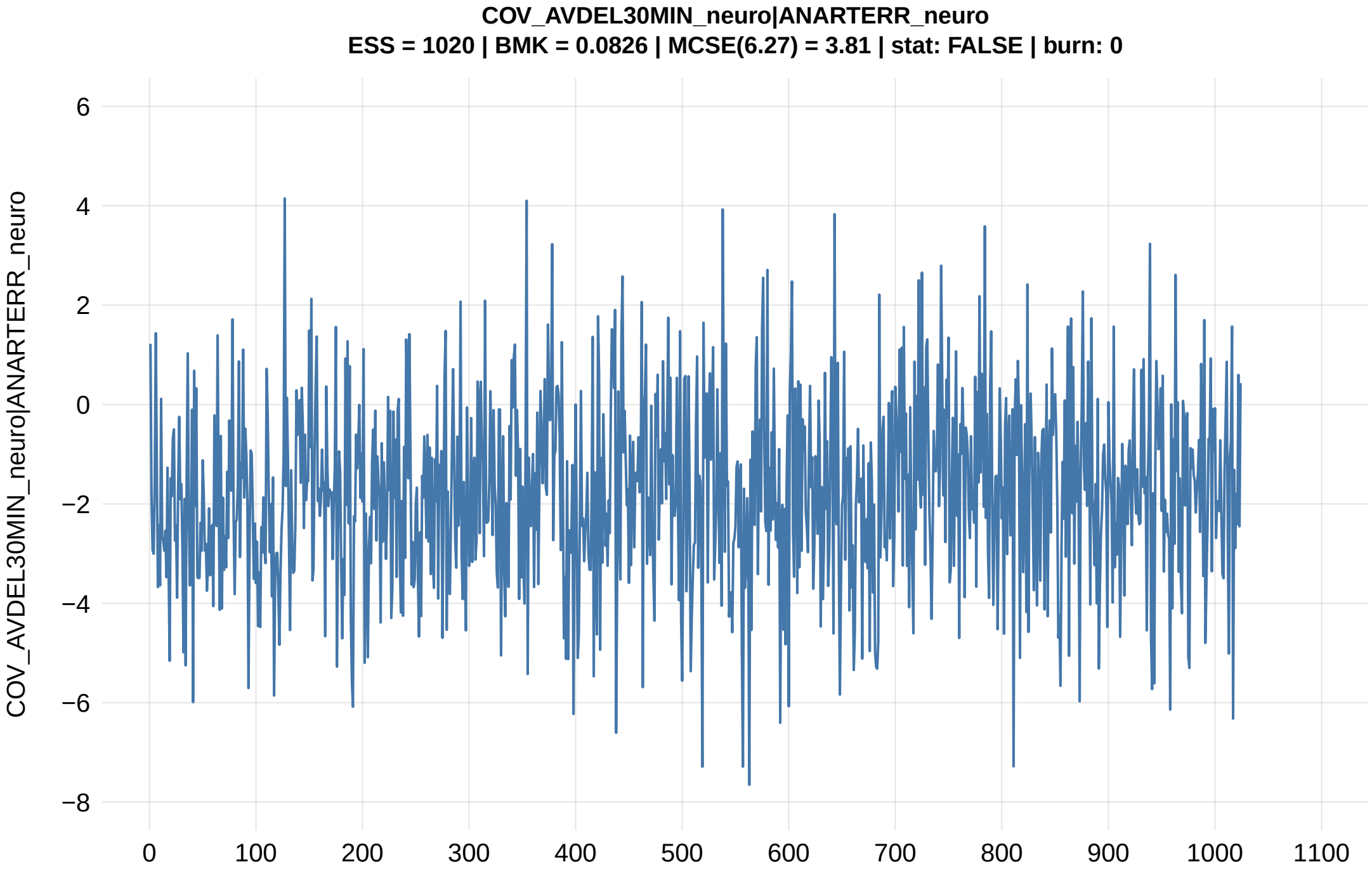

COV_AVDEL30MIN_neuro|TRAASCOR_neuro
ESS = 711 | BMK = 0.106 | MCSE(6.27) = 4.4 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro|TRAASCOR_neuro
30
25
20
15
10
5
0
−5
−10
−15
0
100
200
300
400
500
600
700
800
900
1000
1100

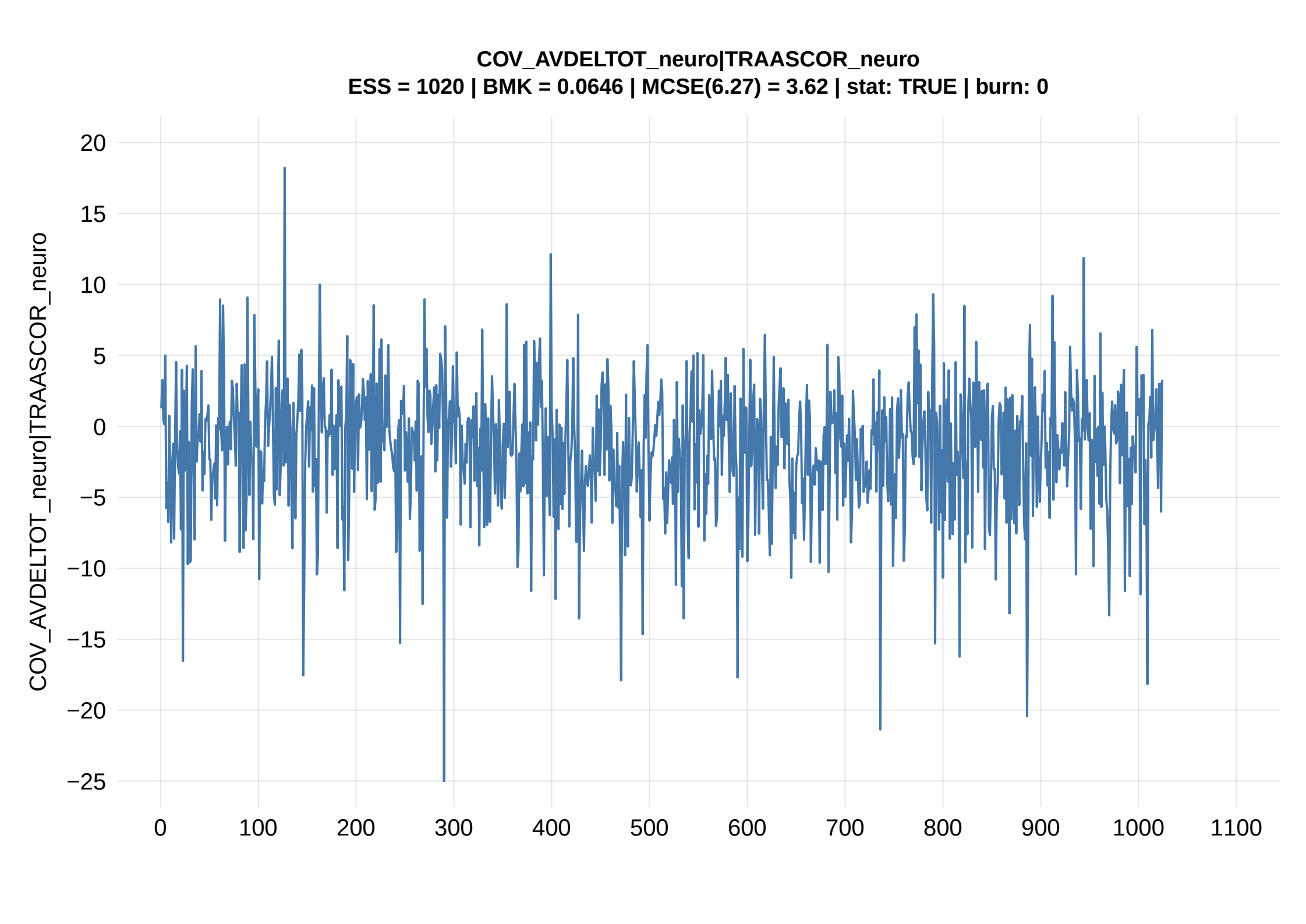

COV_AVDEL30MIN_neuro|TRABSCOR_neuro
ESS = 1020 | BMK = 0.0502 | MCSE(6.27) = 3.26 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro|TRABSCOR_neuro
30
20
10
0
−10
−20
−30
−40
−50
−60
−70
−80
0
100
200
300
400
500
600
700
800
900
1000
1100

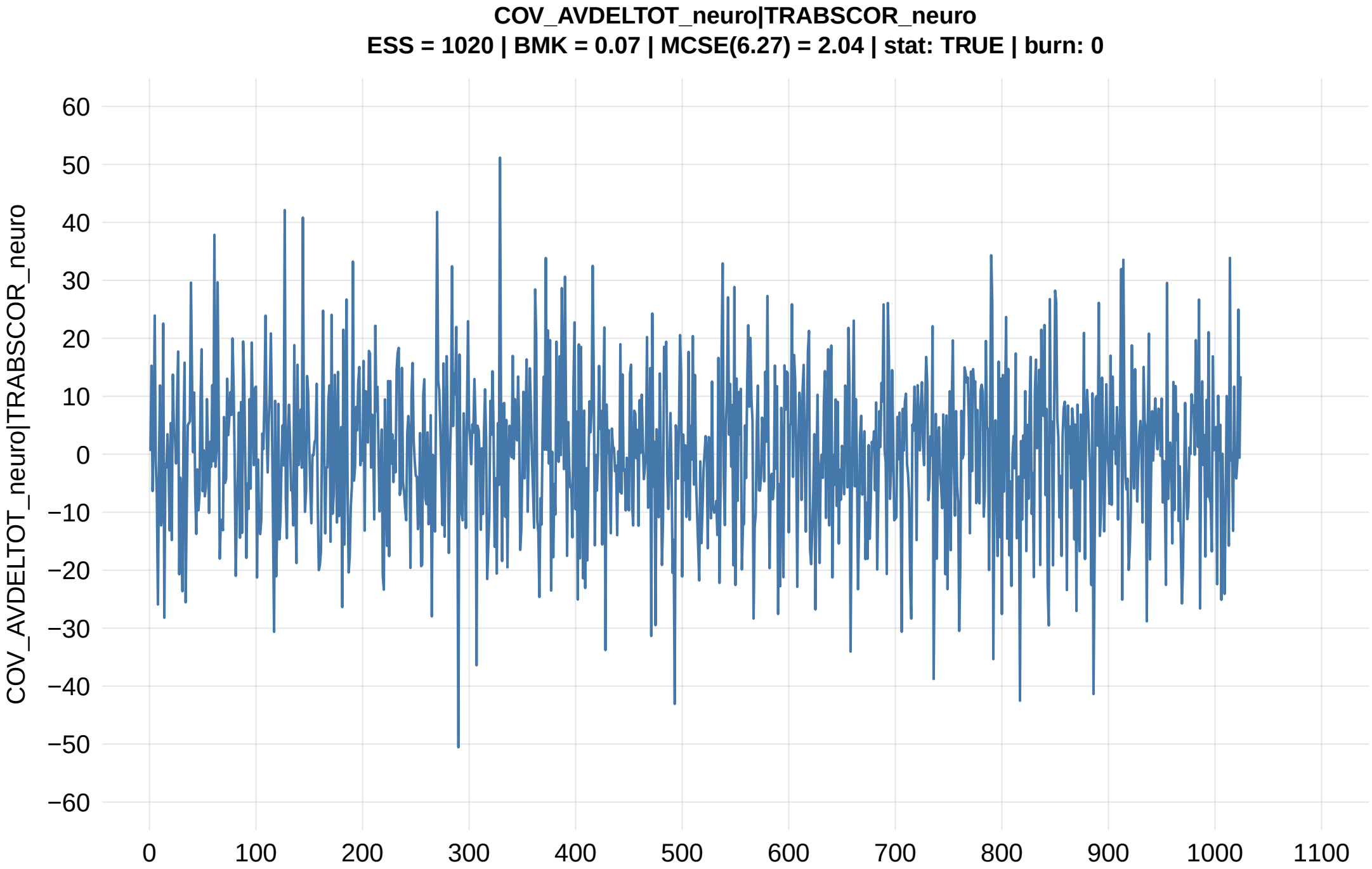

COV_AVDEL30MIN_neuro|CATANIMSC_neuro
ESS = 1020 | BMK = 0.0853 | MCSE(6.27) = 4.79 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro|CATANIMSC_neuro
6
5
4
3
2
1
0
−1
0
100
200
300
400
500
600
700
800
900
1000
1100

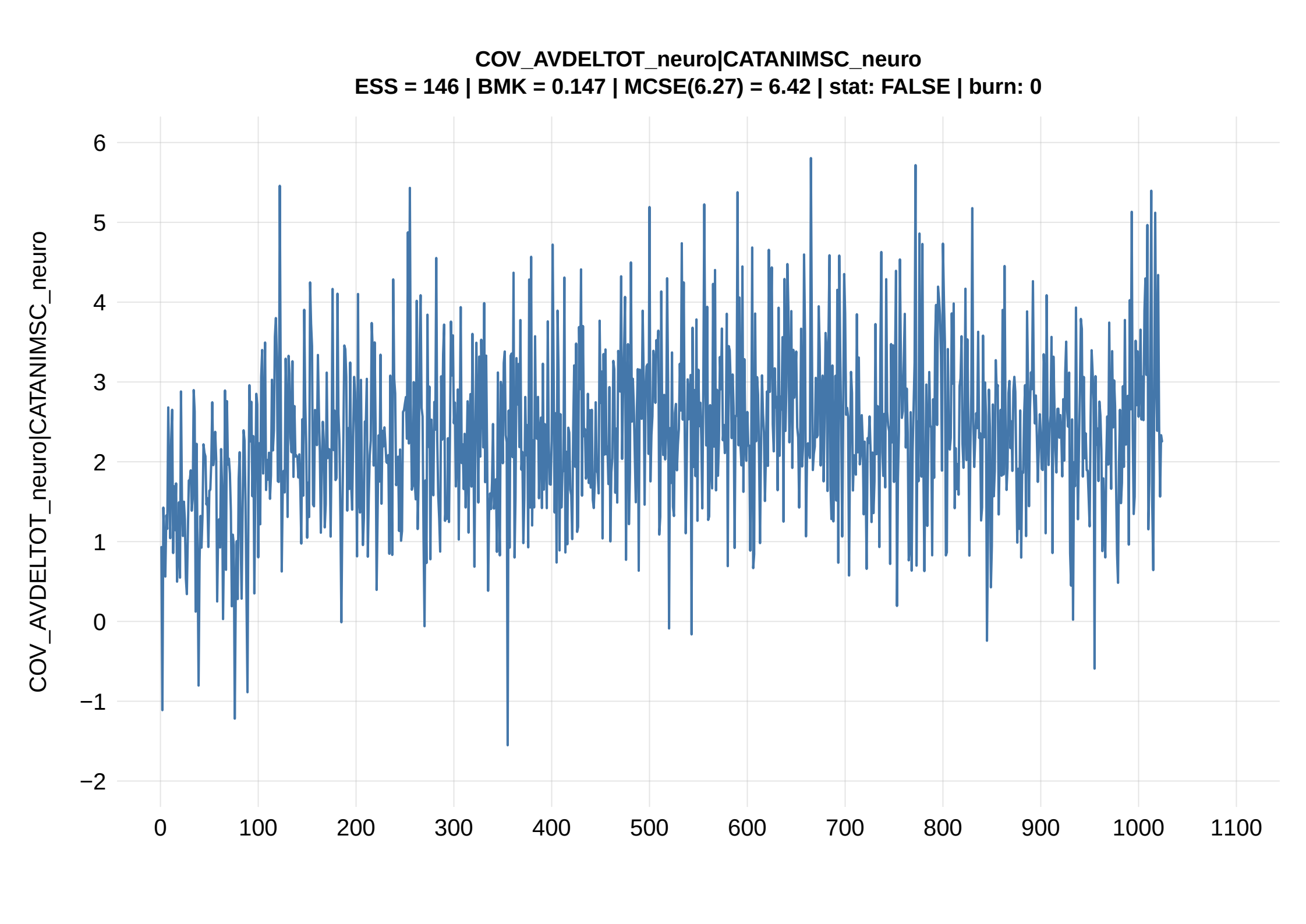

COV_AVDEL30MIN_neuro|Apoe4_
ESS = 1020 | BMK = 0.0929 | MCSE(6.27) = 3.96 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro|Apoe4_
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
0
100
200
300
400
500
600
700
800
900
1000
1100

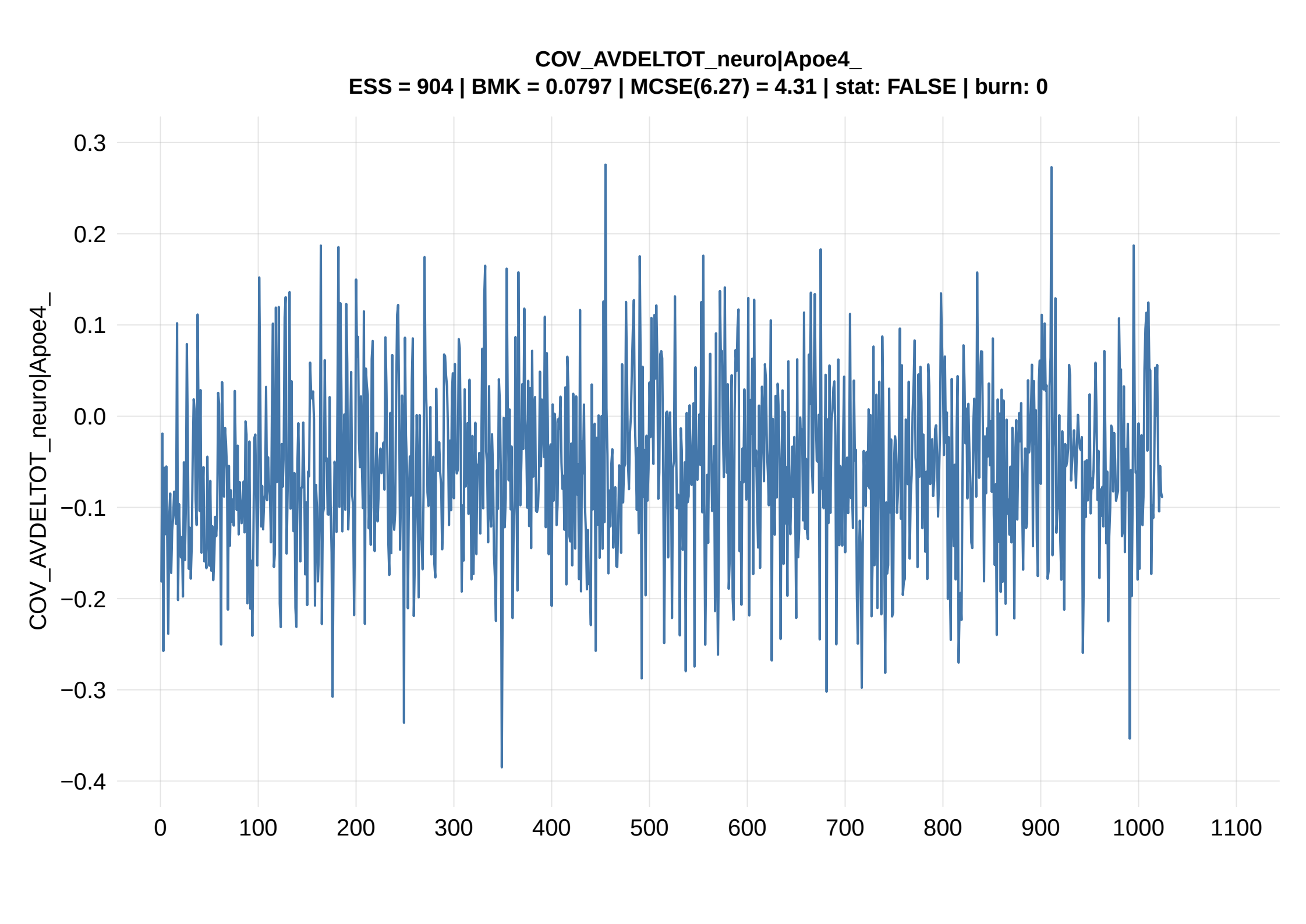

COV_AVDEL30MIN_neuro|GDTOTAL_gds
ESS = 314 | BMK = 0.0764 | MCSE(6.27) = 5.96 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro|GDTOTAL_gds
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
100
200
300
400
500
600
700
800
900
1000
1100

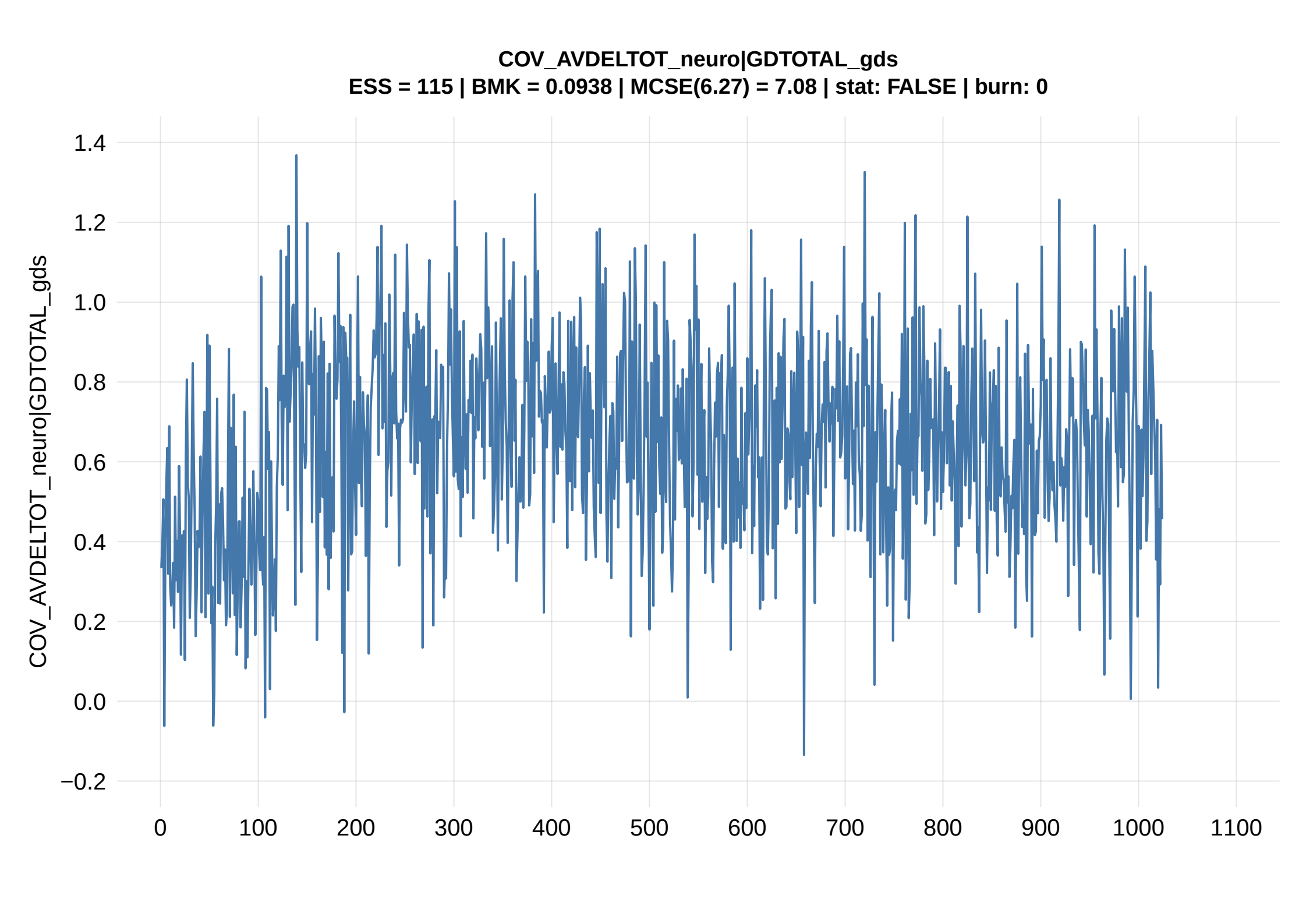

COV_AVDEL30MIN_neuro|ANARTERR_neuro
ESS = 1020 | BMK = 0.0826 | MCSE(6.27) = 3.81 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro|ANARTERR_neuro
6
4
2
0
−2
−4
−6
−8
0
100
200
300
400
500
600
700
800
900
1000
1100

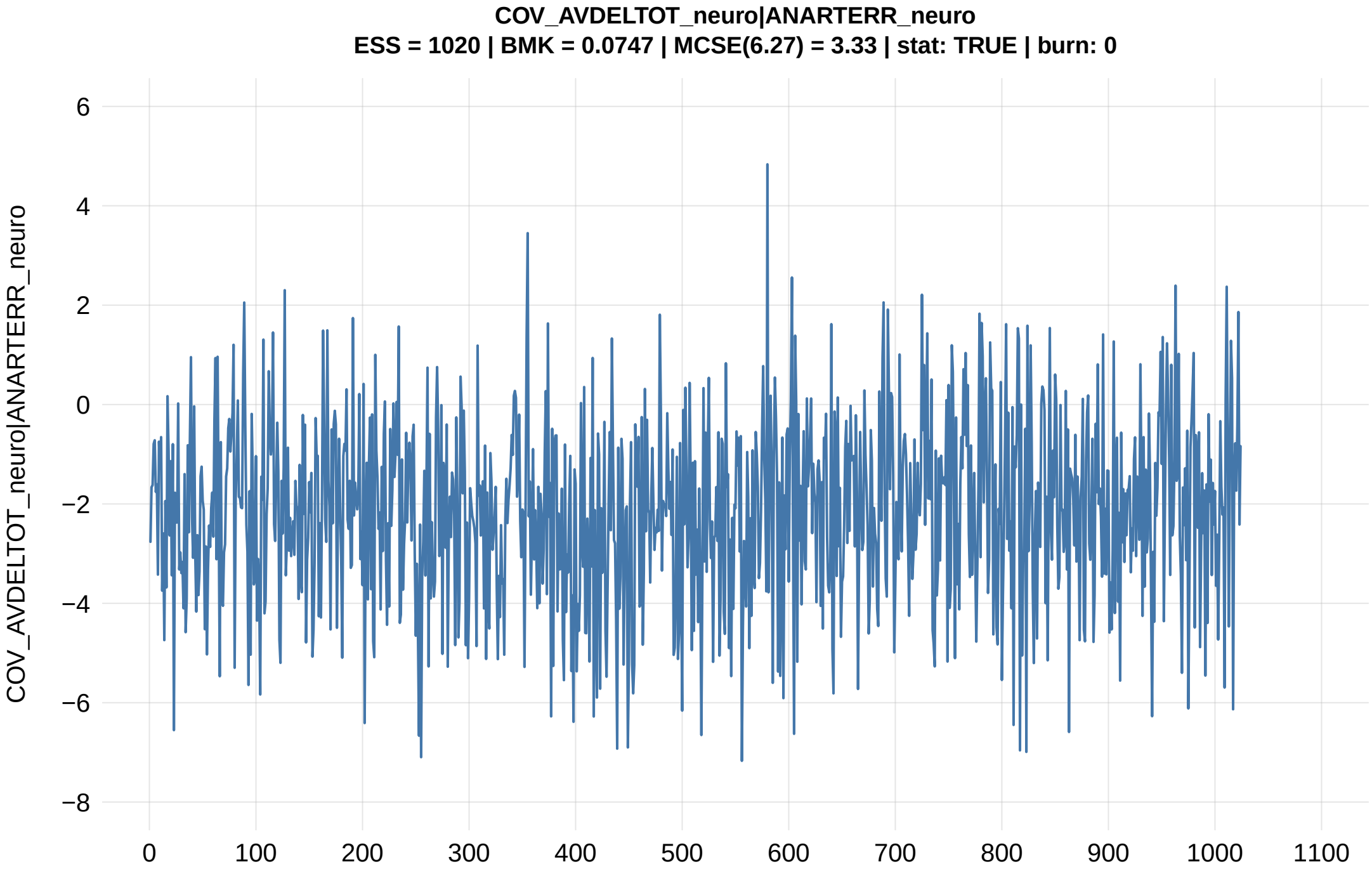

COV_AVDELTOT_neuro|TRAASCOR_neuro
ESS = 1020 | BMK = 0.0646 | MCSE(6.27) = 3.62 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro|TRAASCOR_neuro
20
15
10
5
0
−5
−10
−15
−20
−25
0
100
200
300
400
500
600
700
800
900
1000
1100

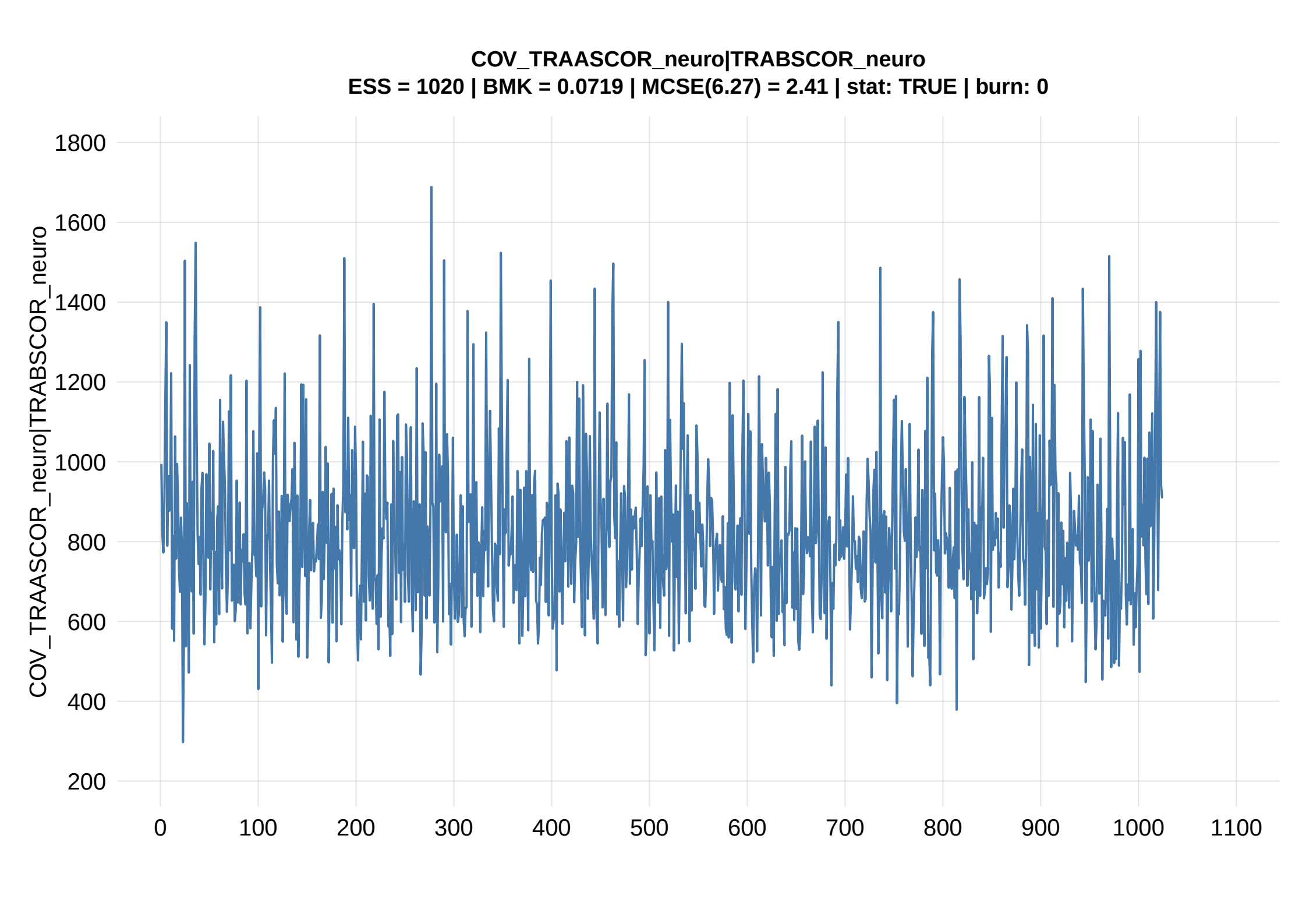

COV_AVDELTOT_neuro|TRABSCOR_neuro
ESS = 1020 | BMK = 0.07 | MCSE(6.27) = 2.04 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro|TRABSCOR_neuro
60
50
40
30
20
10
0
−10
−20
−30
−40
−50
−60
0
100
200
300
400
500
600
700
800
900
1000
1100

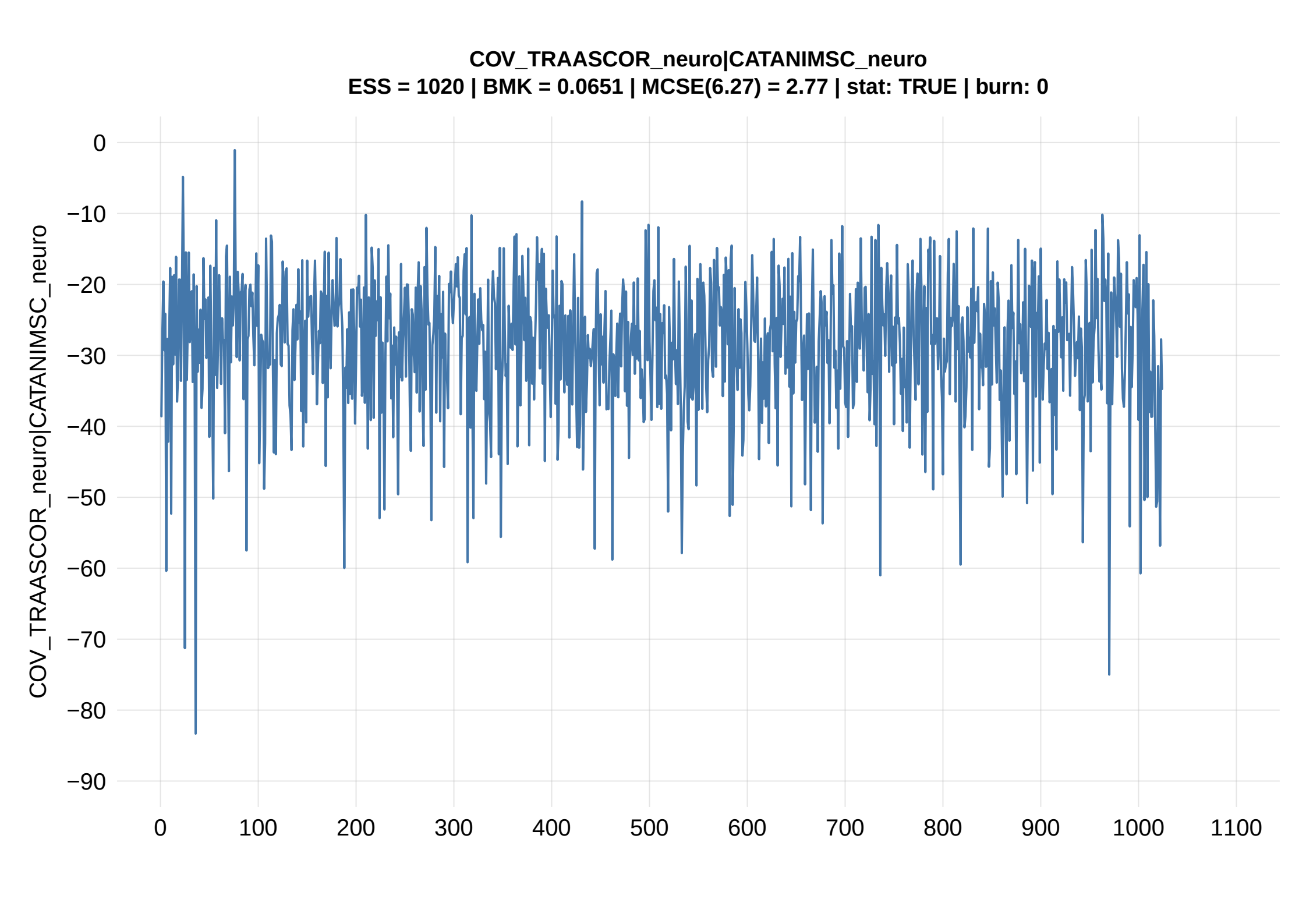

COV_AVDELTOT_neuro|CATANIMSC_neuro
ESS = 146 | BMK = 0.147 | MCSE(6.27) = 6.42 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro|CATANIMSC_neuro
6
5
4
3
2
1
0
−1
−2
0
100
200
300
400
500
600
700
800
900
1000
1100

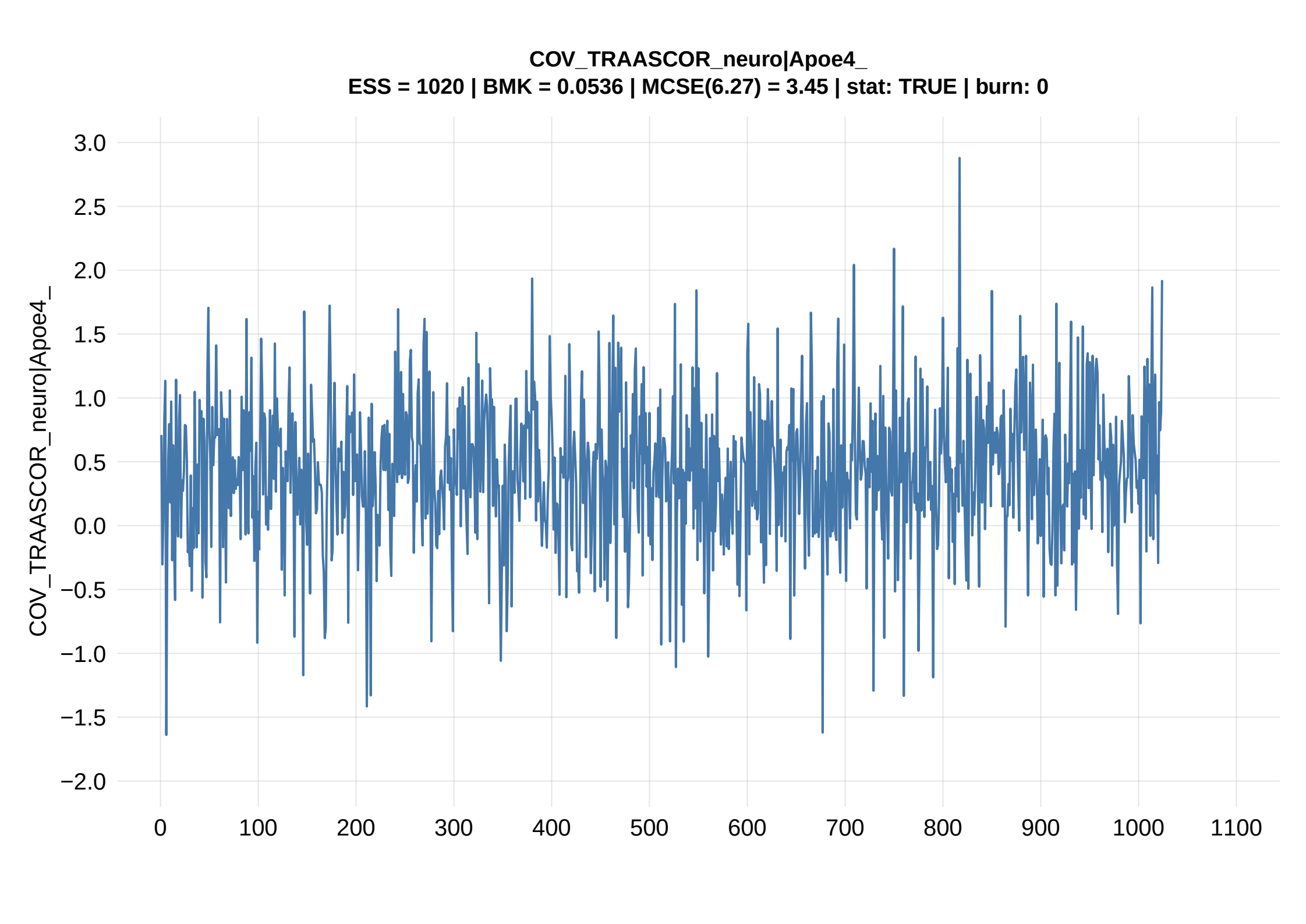

COV_AVDELTOT_neuro|Apoe4_
ESS = 904 | BMK = 0.0797 | MCSE(6.27) = 4.31 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro|Apoe4_
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
100
200
300
400
500
600
700
800
900
1000
1100

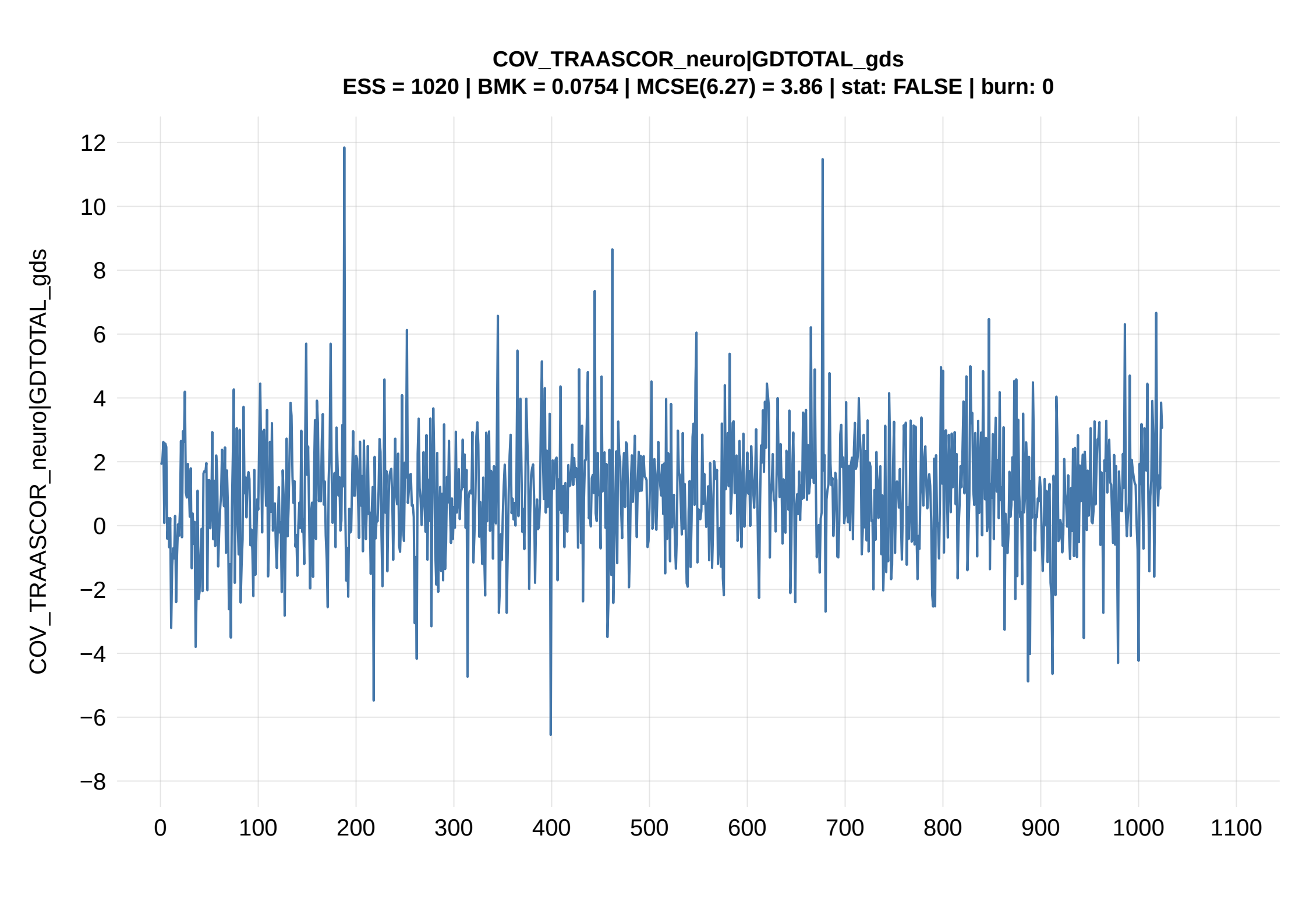

COV_AVDELTOT_neuro|GDTOTAL_gds
ESS = 115 | BMK = 0.0938 | MCSE(6.27) = 7.08 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro|GDTOTAL_gds
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
100
200
300
400
500
600
700
800
900
1000
1100

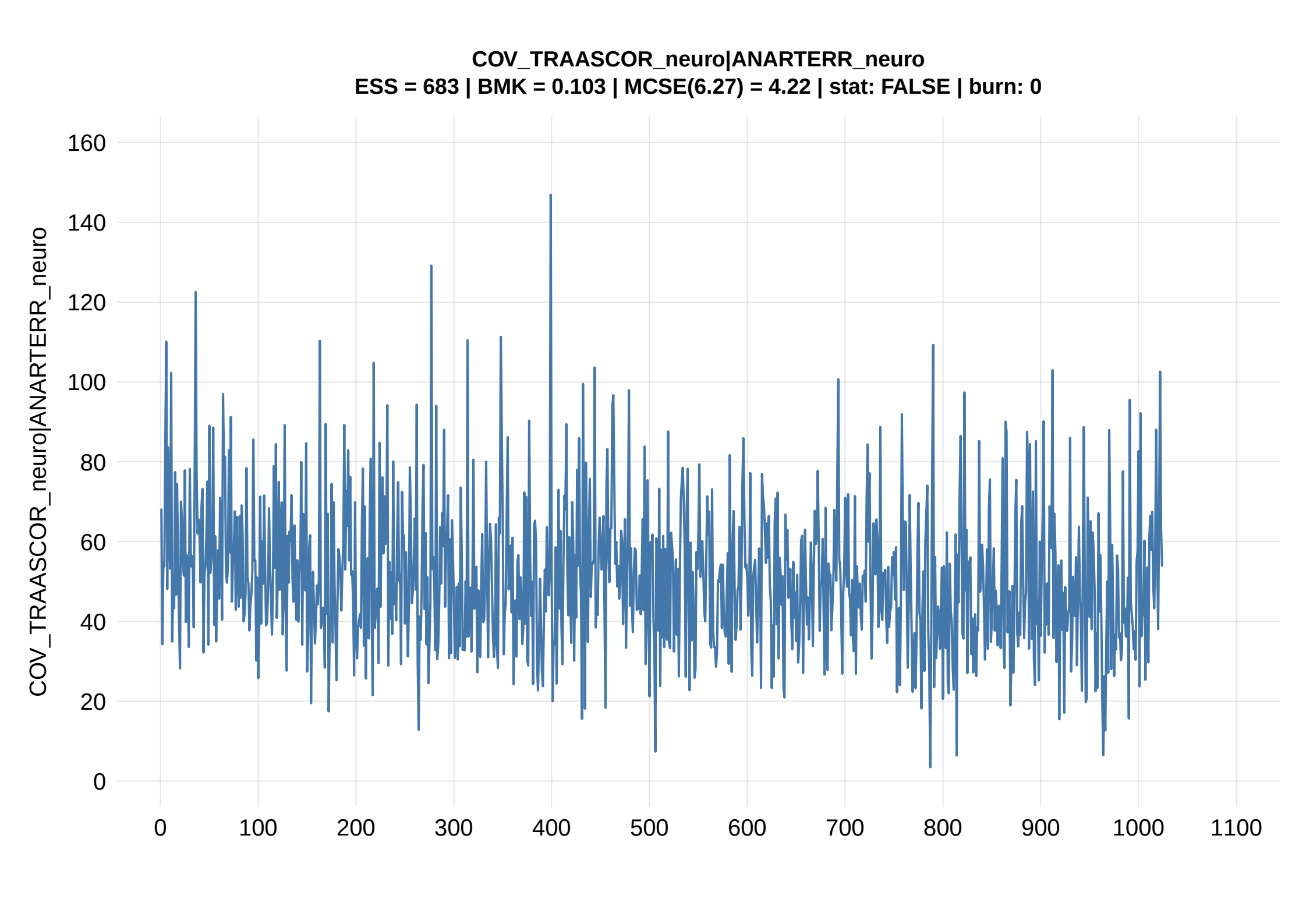

COV_AVDELTOT_neuro|ANARTERR_neuro
ESS = 1020 | BMK = 0.0747 | MCSE(6.27) = 3.33 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro|ANARTERR_neuro
6
4
2
0
−2
−4
−6
−8
0
100
200
300
400
500
600
700
800
900
1000
1100

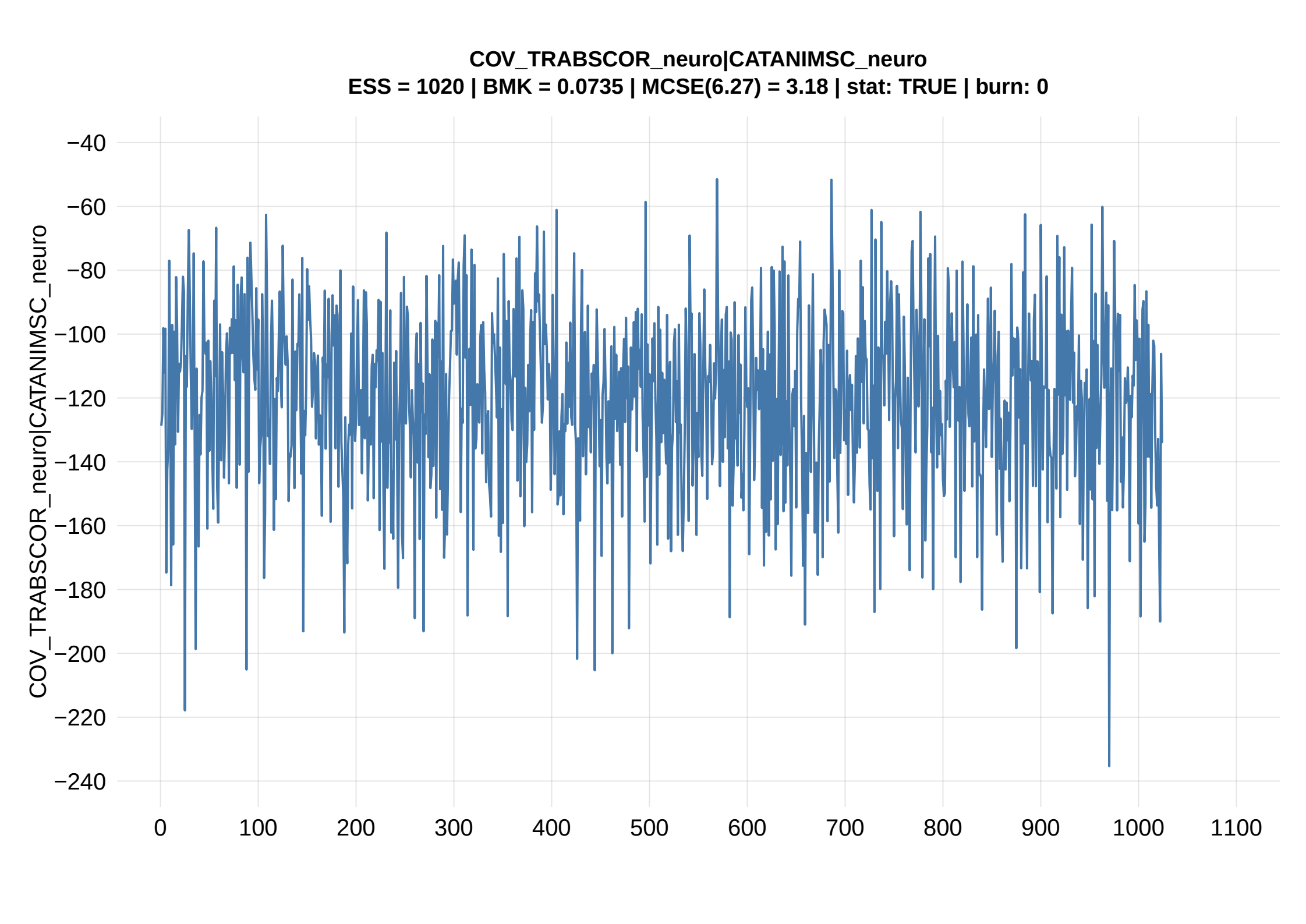

COV_TRAASCOR_neuro|TRABSCOR_neuro
ESS = 1020 | BMK = 0.0719 | MCSE(6.27) = 2.41 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|TRABSCOR_neuro
1800
1600
1400
1200
1000
800
600
400
200
0
100
200
300
400
500
600
700
800
900
1000
1100

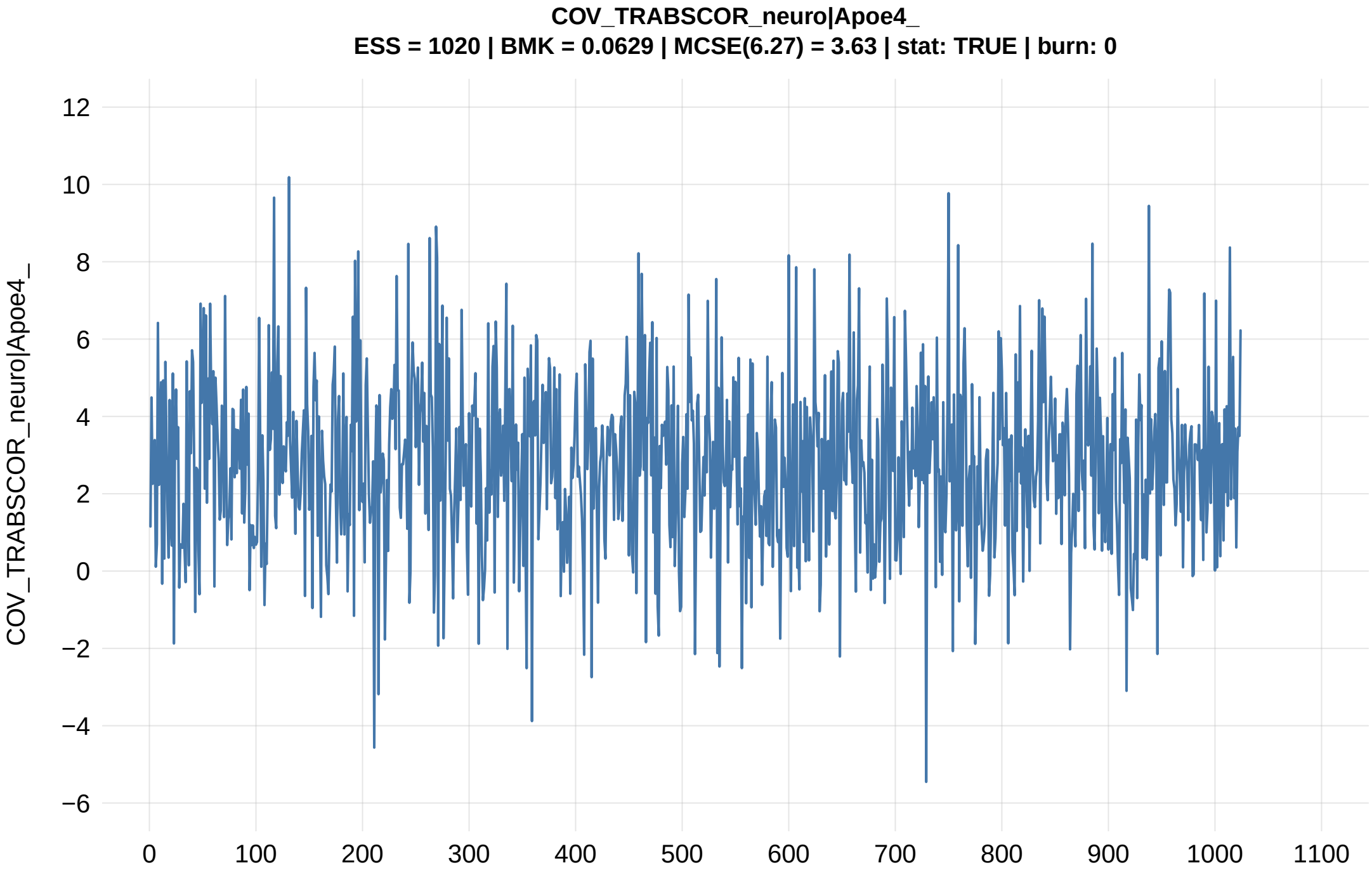

COV_TRAASCOR_neuro|CATANIMSC_neuro
ESS = 1020 | BMK = 0.0651 | MCSE(6.27) = 2.77 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|CATANIMSC_neuro
0
−10
−20
−30
−40
−50
−60
−70
−80
−90
0
100
200
300
400
500
600
700
800
900
1000
1100

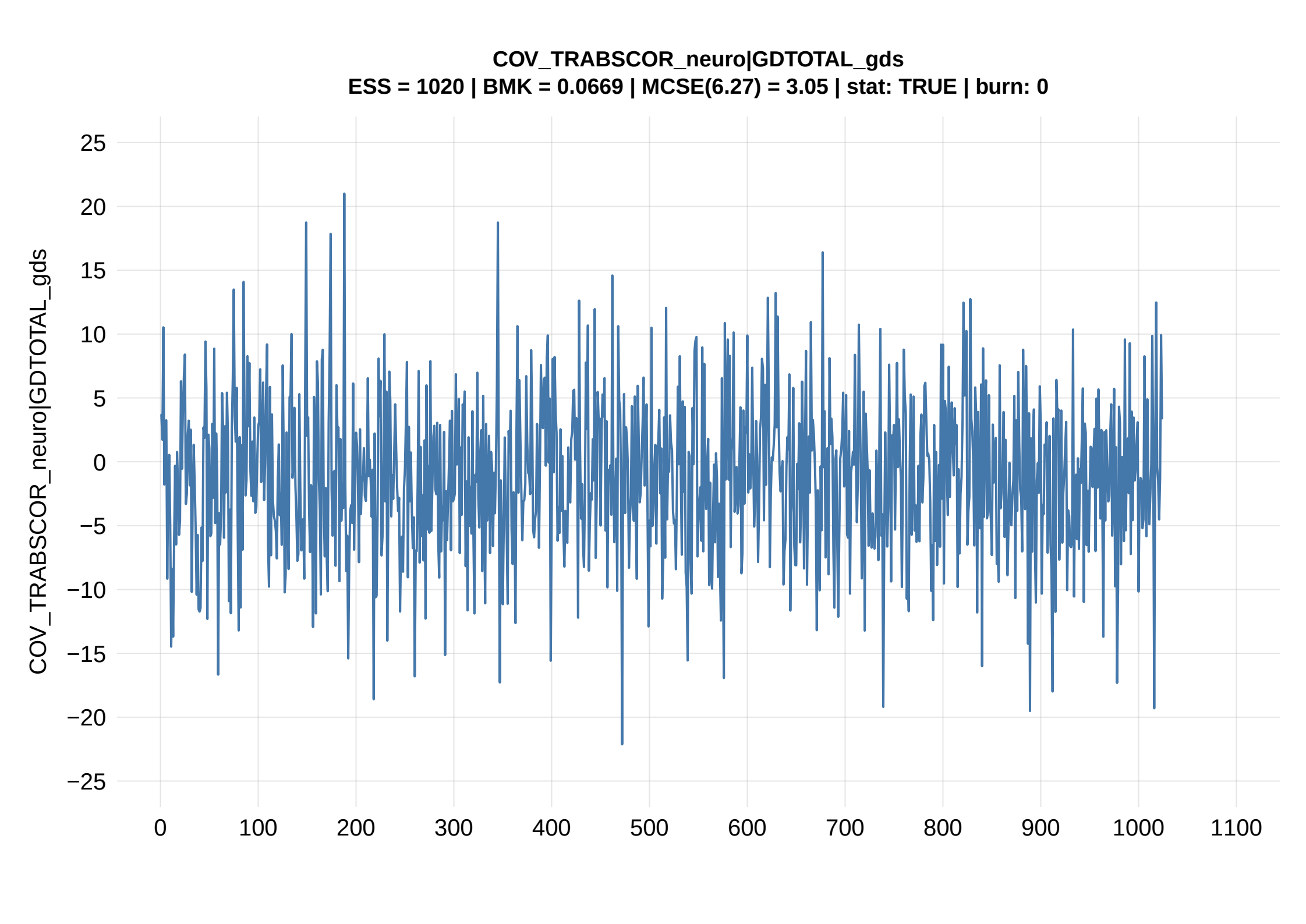

COV_TRAASCOR_neuro|Apoe4_
ESS = 1020 | BMK = 0.0536 | MCSE(6.27) = 3.45 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|Apoe4_
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
0
100
200
300
400
500
600
700
800
900
1000
1100

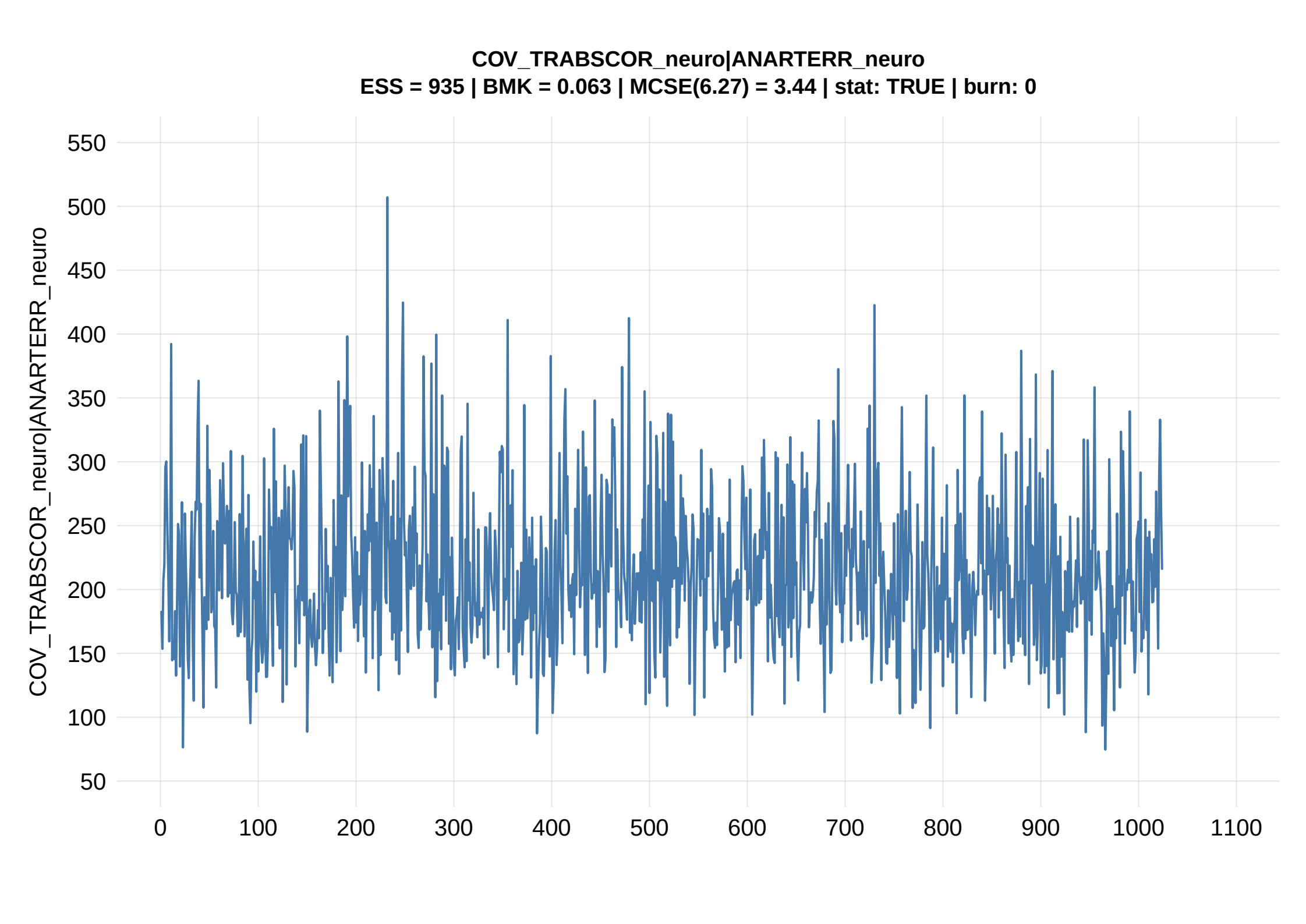

COV_TRAASCOR_neuro|GDTOTAL_gds
ESS = 1020 | BMK = 0.0754 | MCSE(6.27) = 3.86 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro|GDTOTAL_gds
12
10
8
6
4
2
0
−2
−4
−6
−8
0
100
200
300
400
500
600
700
800
900
1000
1100

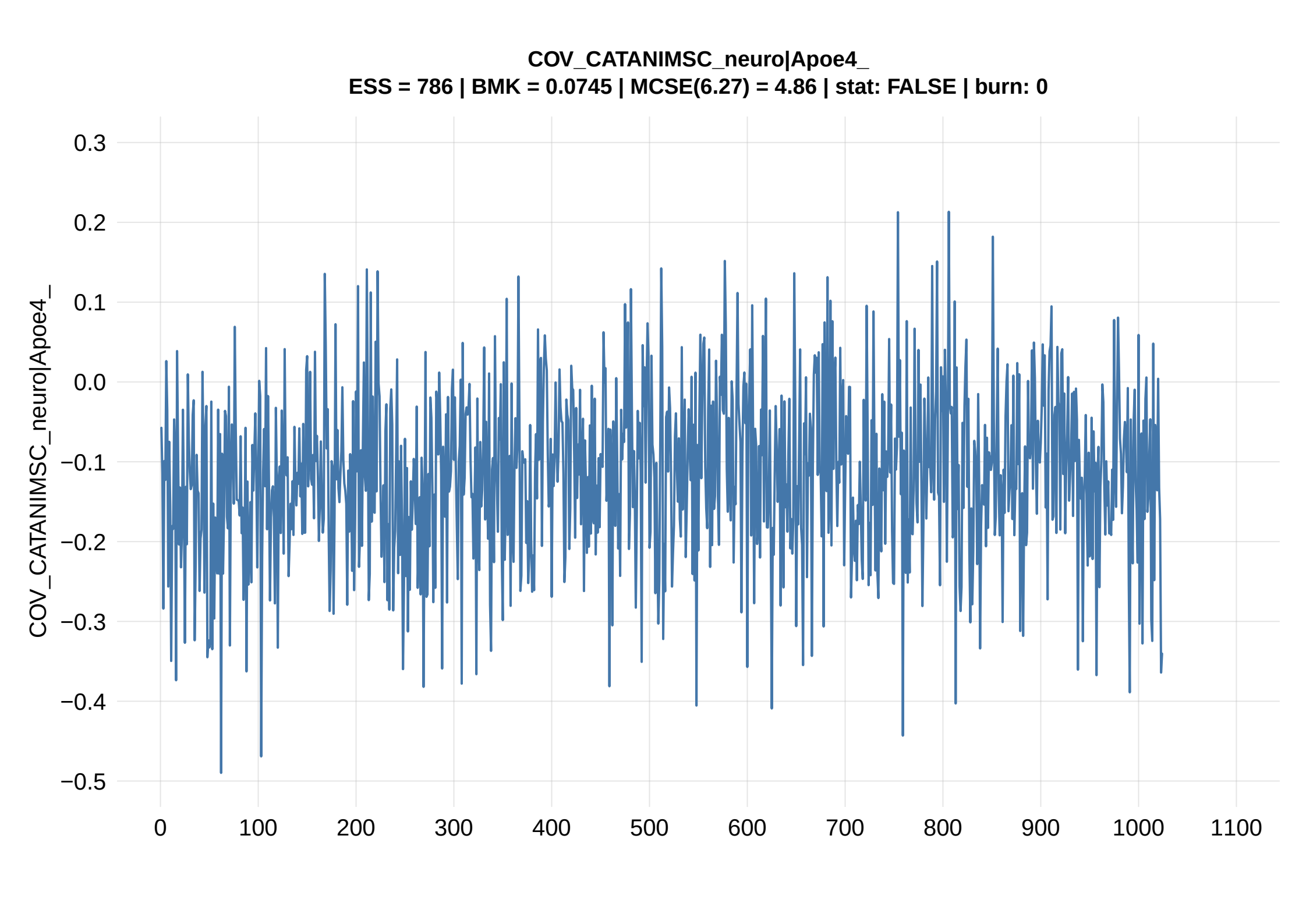

COV_TRAASCOR_neuro|ANARTERR_neuro
ESS = 683 | BMK = 0.103 | MCSE(6.27) = 4.22 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro|ANARTERR_neuro
160
140
120
100
80
60
40
20
0
0
100
200
300
400
500
600
700
800
900
1000
1100

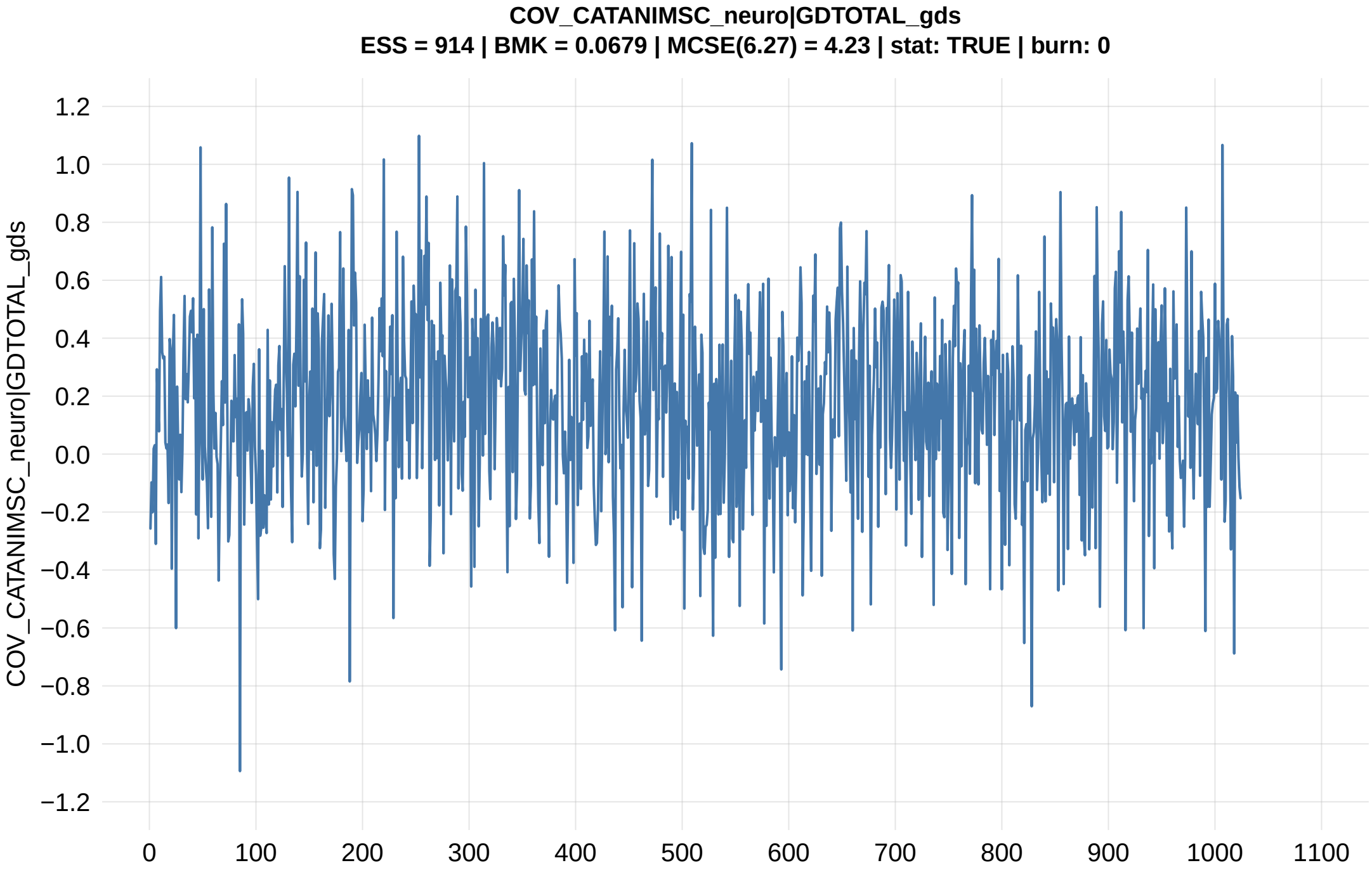

COV_TRABSCOR_neuro|CATANIMSC_neuro
ESS = 1020 | BMK = 0.0735 | MCSE(6.27) = 3.18 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|CATANIMSC_neuro
−40
−60
−80
−100
−120
−140
−160
−180
−200
−220
−240
0
100
200
300
400
500
600
700
800
900
1000
1100

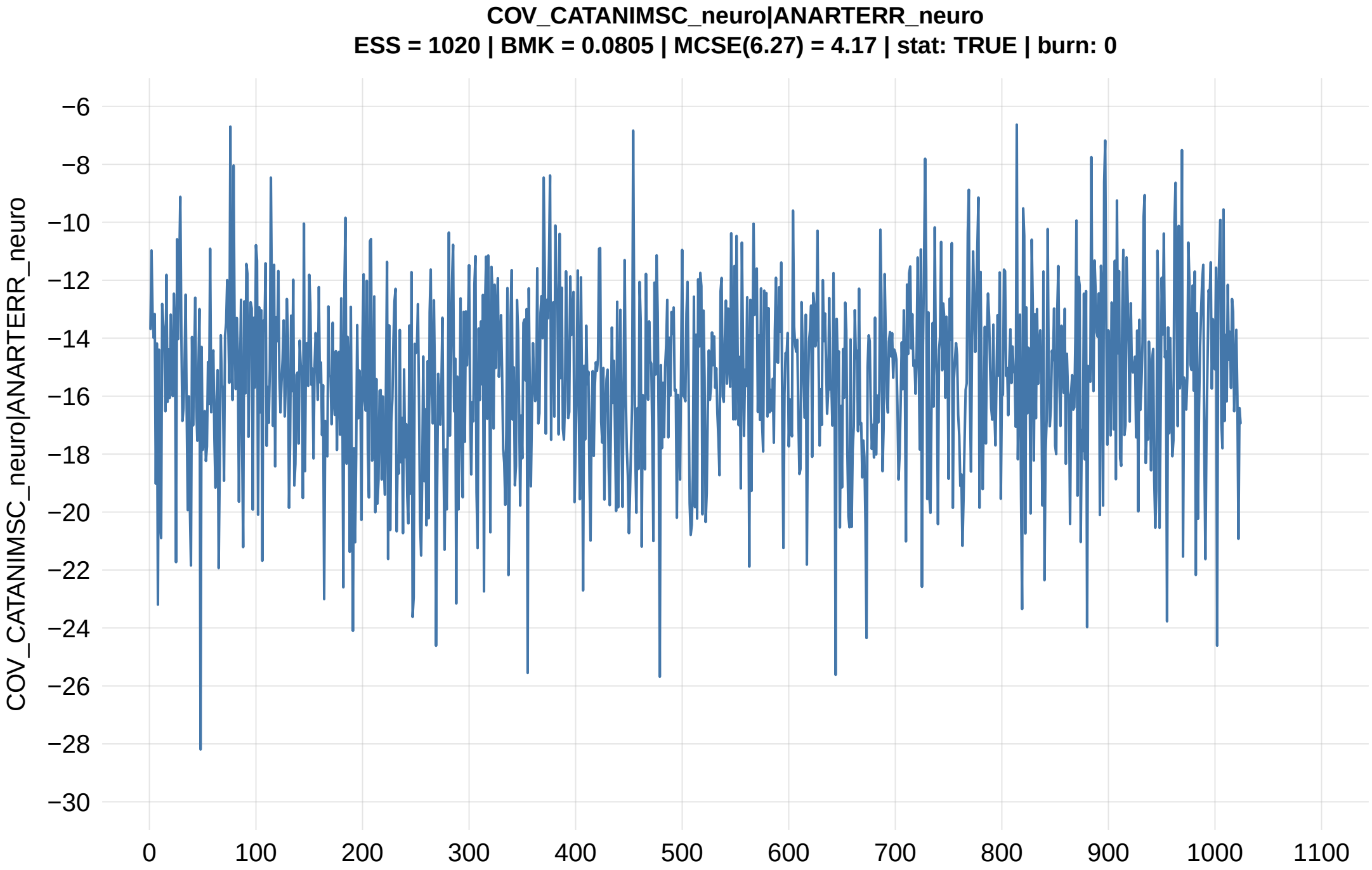

COV_TRABSCOR_neuro|Apoe4_
ESS = 1020 | BMK = 0.0629 | MCSE(6.27) = 3.63 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|Apoe4_
12
10
8
6
4
2
0
−2
−4
−6
0
100
200
300
400
500
600
700
800
900
1000
1100

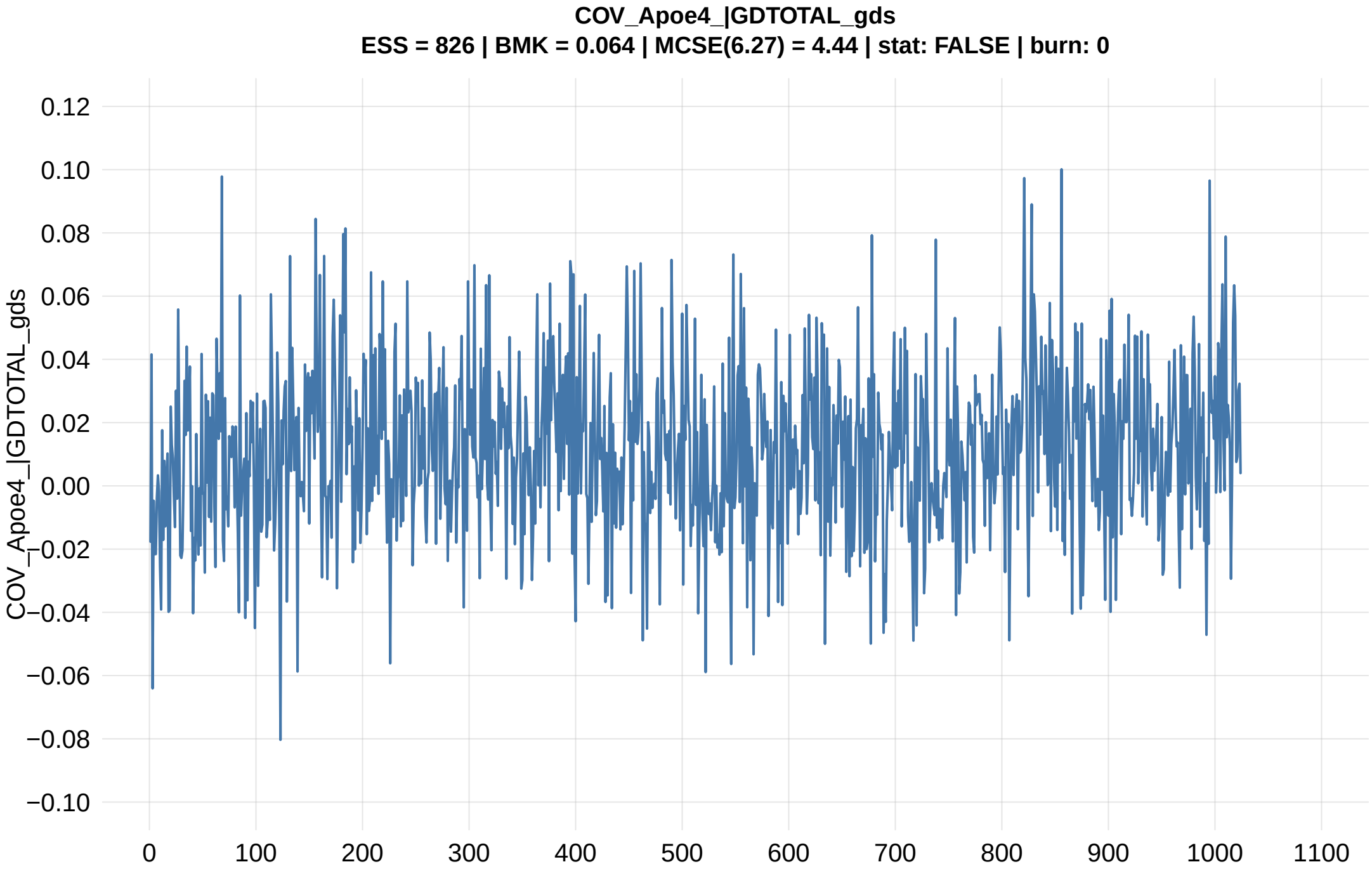

COV_TRABSCOR_neuro|GDTOTAL_gds
ESS = 1020 | BMK = 0.0669 | MCSE(6.27) = 3.05 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|GDTOTAL_gds
25
20
15
10
5
0
−5
−10
−15
−20
−25
0
100
200
300
400
500
600
700
800
900
1000
1100

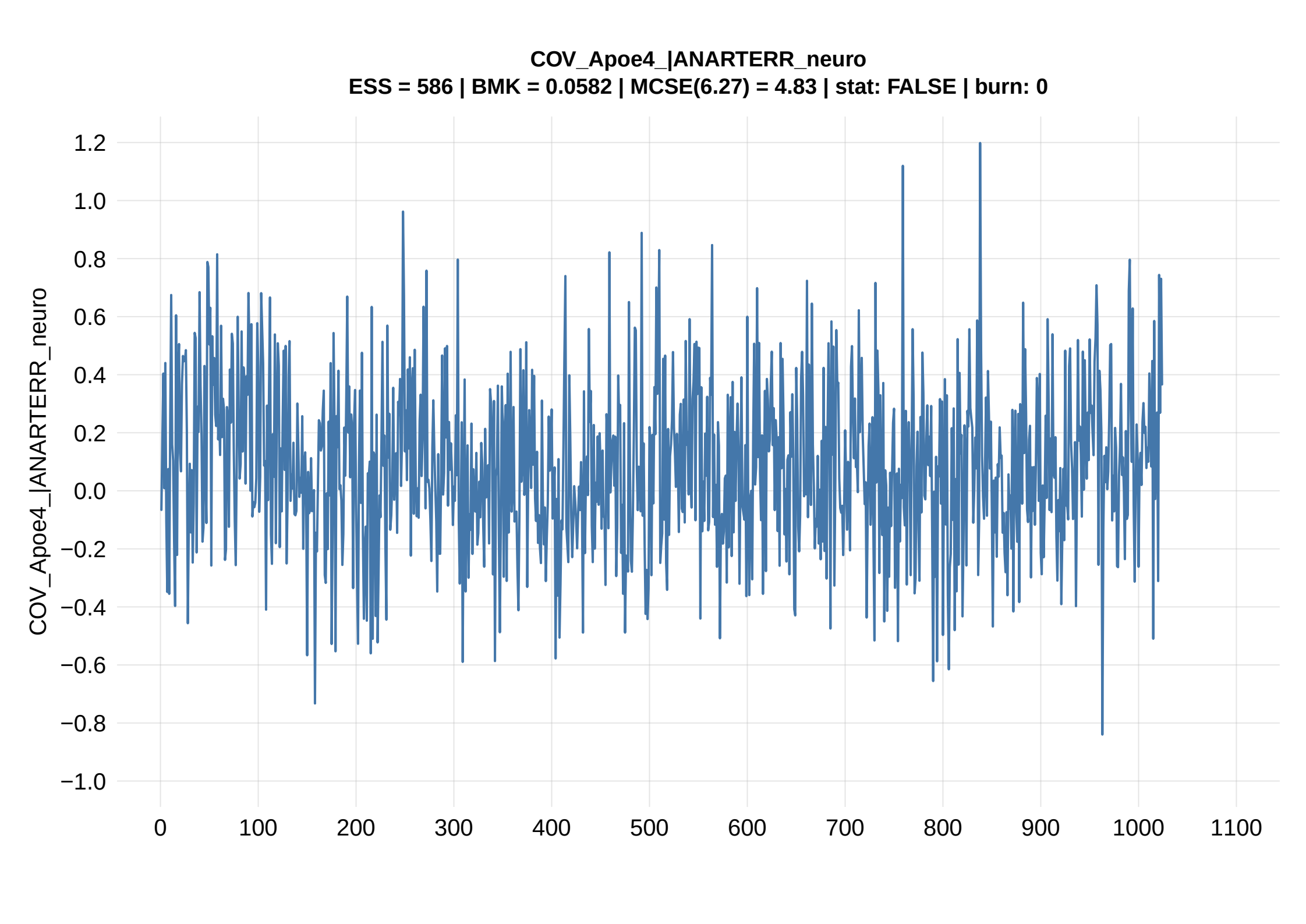

COV_TRABSCOR_neuro|ANARTERR_neuro
ESS = 935 | BMK = 0.063 | MCSE(6.27) = 3.44 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|ANARTERR_neuro
550
500
450
400
350
300
250
200
150
100
50
0
100
200
300
400
500
600
700
800
900
1000
1100

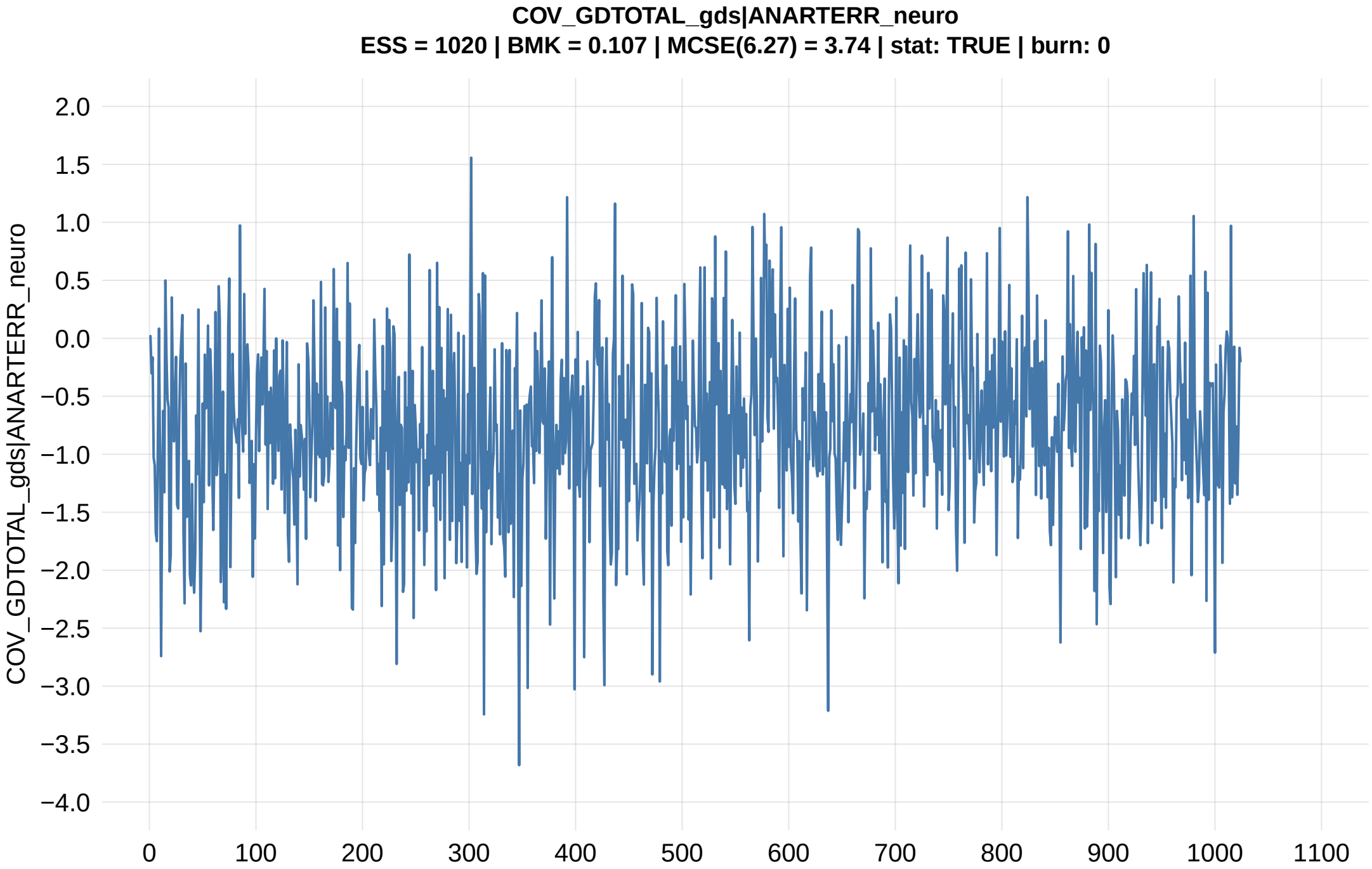

COV_CATANIMSC_neuro|Apoe4_
ESS = 786 | BMK = 0.0745 | MCSE(6.27) = 4.86 | stat: FALSE | burn: 0
COV_CATANIMSC_neuro|Apoe4_
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
0
100
200
300
400
500
600
700
800
900
1000
1100


COV_CATANIMSC_neuro|GDTOTAL_gds
ESS = 914 | BMK = 0.0679 | MCSE(6.27) = 4.23 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro|GDTOTAL_gds
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
0
100
200
300
400
500
600
700
800
900
1000
1100


COV_CATANIMSC_neuro|ANARTERR_neuro
ESS = 1020 | BMK = 0.0805 | MCSE(6.27) = 4.17 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro|ANARTERR_neuro
−6
−8
−10
−12
−14
−16
−18
−20
−22
−24
−26
−28
−30
0
100
200
300
400
500
600
700
800
900
1000
1100


COV_Apoe4_|GDTOTAL_gds
ESS = 826 | BMK = 0.064 | MCSE(6.27) = 4.44 | stat: FALSE | burn: 0
COV_Apoe4_|GDTOTAL_gds
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
0
100
200
300
400
500
600
700
800
900
1000
1100


COV_Apoe4_|ANARTERR_neuro
ESS = 586 | BMK = 0.0582 | MCSE(6.27) = 4.83 | stat: FALSE | burn: 0
COV_Apoe4_|ANARTERR_neuro
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
100
200
300
400
500
600
700
800
900
1000
1100


COV_GDTOTAL_gds|ANARTERR_neuro
ESS = 1020 | BMK = 0.107 | MCSE(6.27) = 3.74 | stat: TRUE | burn: 0
COV_GDTOTAL_gds|ANARTERR_neuro
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
−3.5
−4.0
0
100
200
300
400
500
600
700
800
900
1000
1100