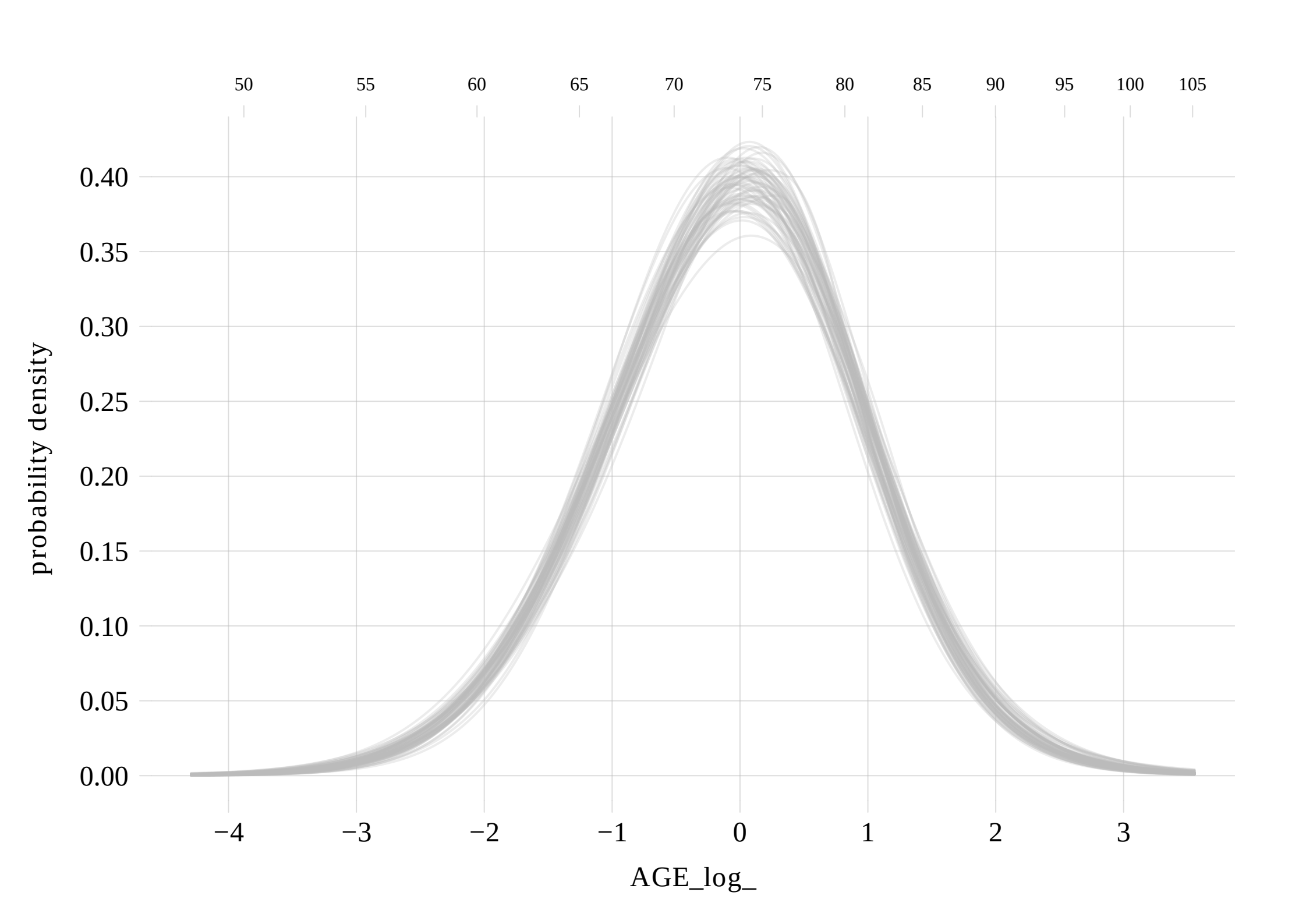
−− STATS maxD −−
min ESS = 50.2321562567233
max BMK = 0.202297820500433
max MCSE = 9.01360646175134
all stationary: FALSE
burn: 0

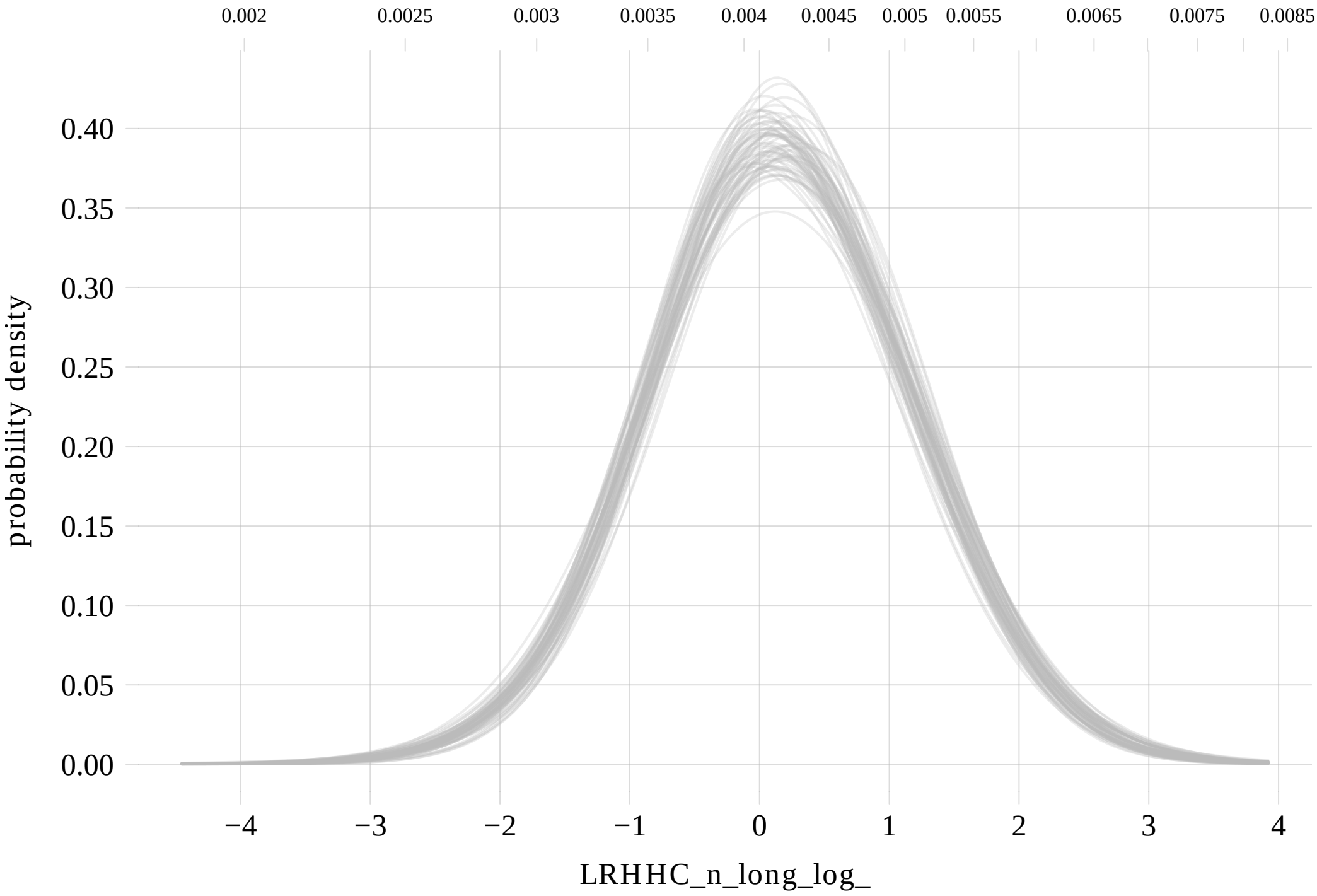
−− STATS 2D −−
min ESS = 7.62519662228386
max BMK = 0.481038111945913
max MCSE = 14.9995767833468
all stationary: FALSE
burn: 102

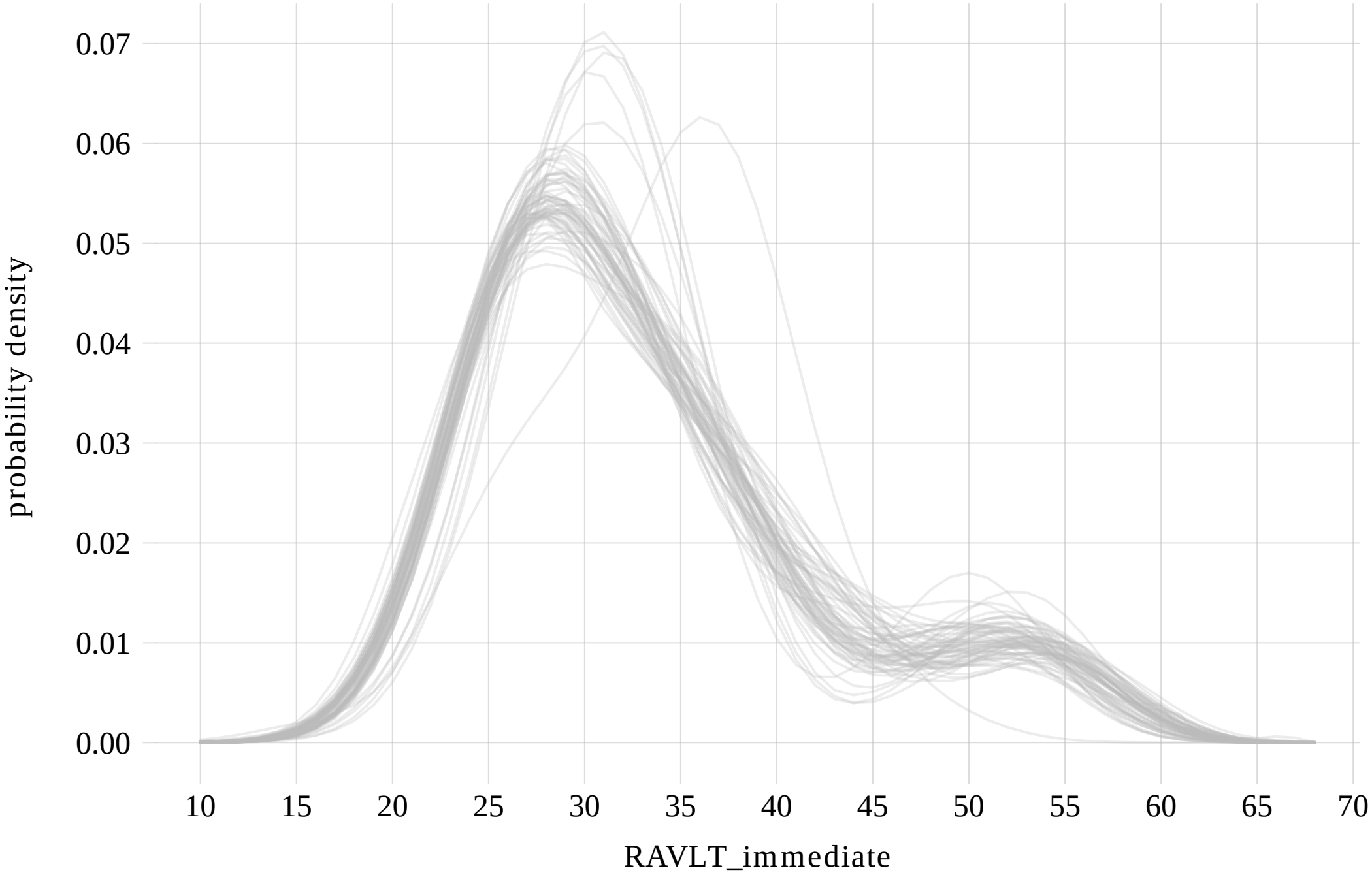
WARNINGS:

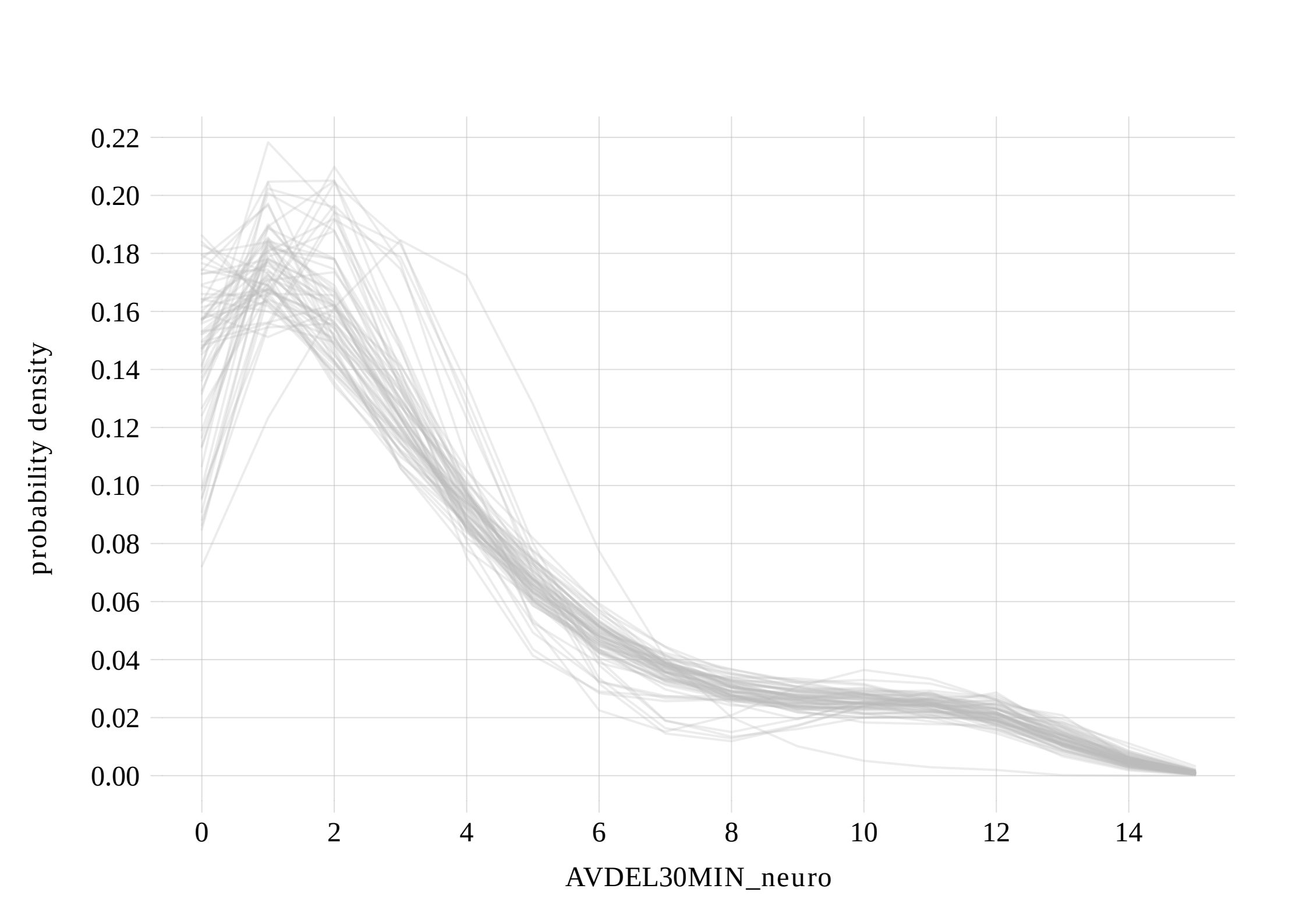
−− STATS 1D −−
min ESS = 3.9301901488583
max BMK = 1
max MCSE = 16.1082732613207
all stationary: FALSE
burn: 612

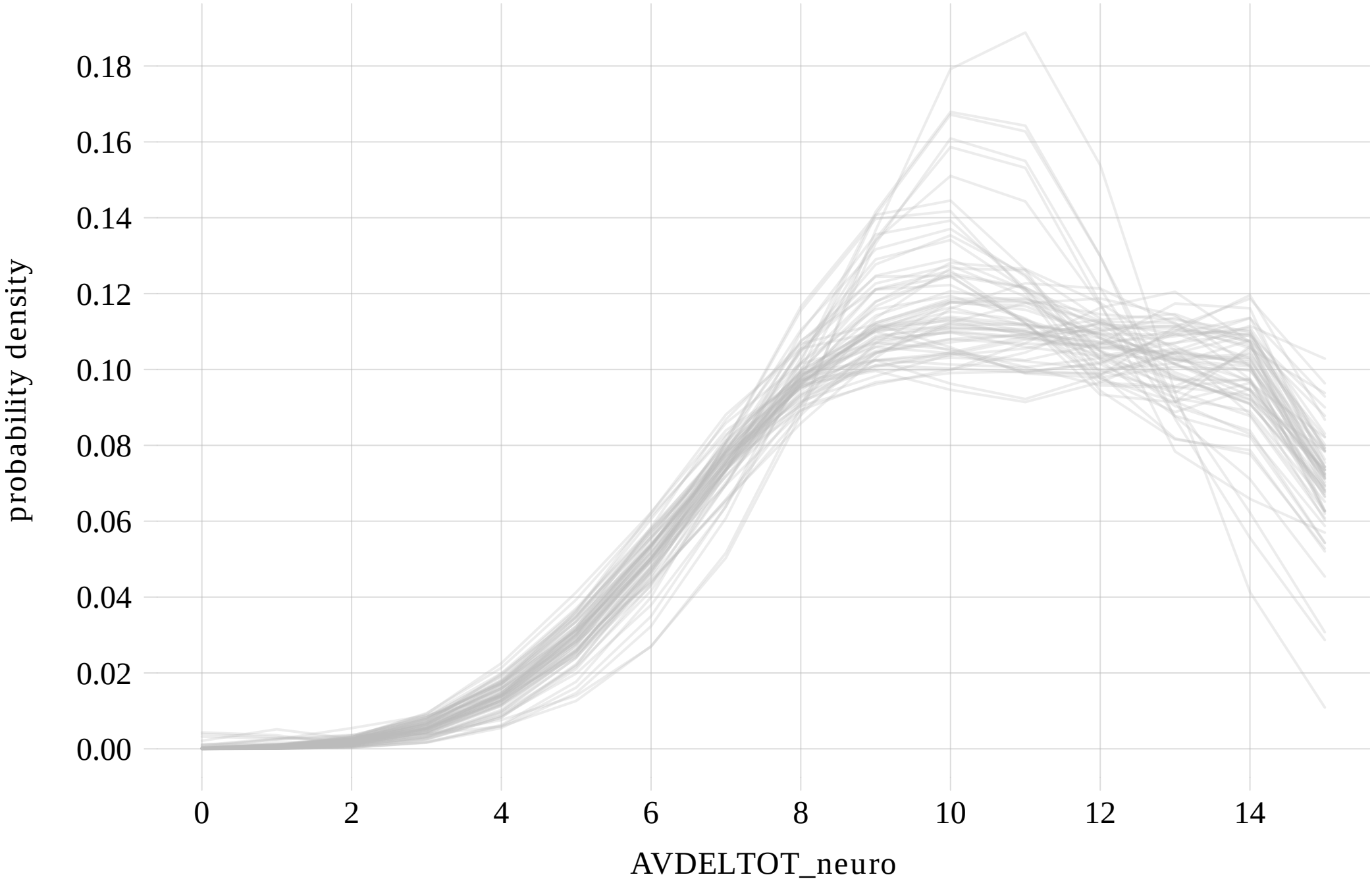
Occupied clusters: 27 of 64
LL: −1510 +− 6.12

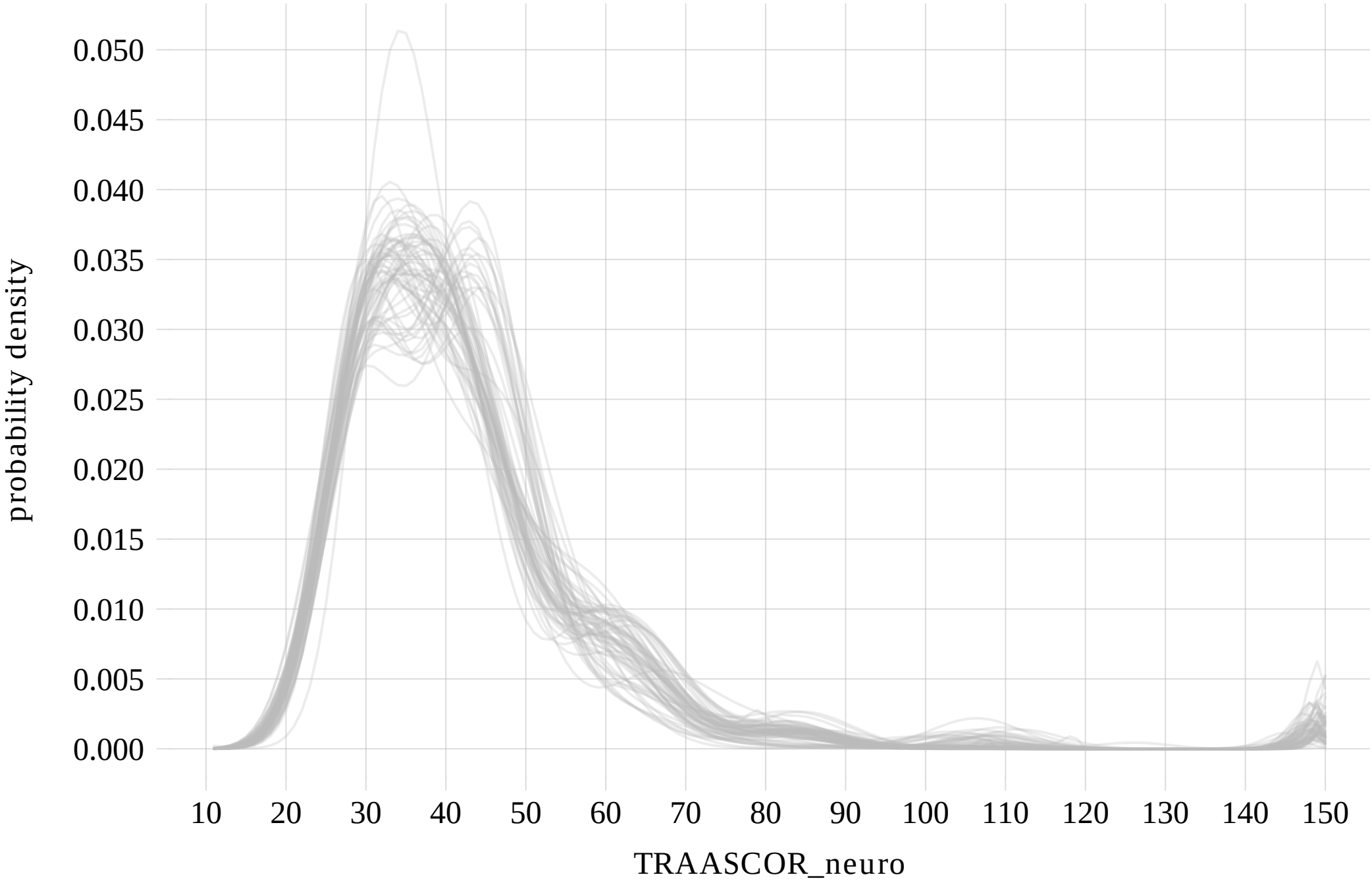

50
55
60
65
70
75
80
85
90
95
100
105
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
−4
−3
−2
−1
0
1
2
3
AGE_log_

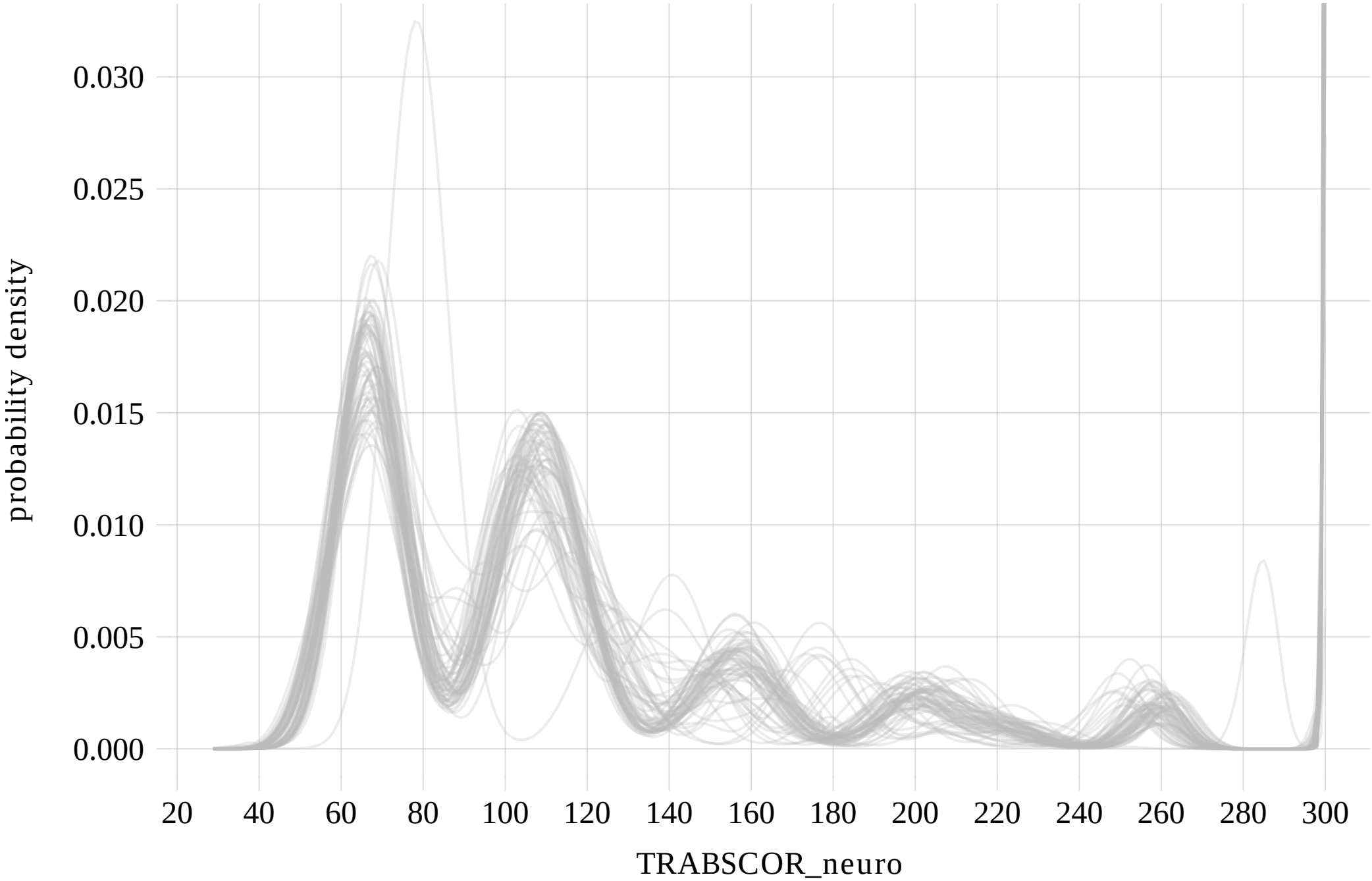

0.002
0.0025
0.003
0.0035
0.004
0.0045
0.005
0.0055
0.0065
0.0075
0.0085
probability density
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−4
−3
−2
−1
0
1
2
3
4
LRHHC_n_long_log_

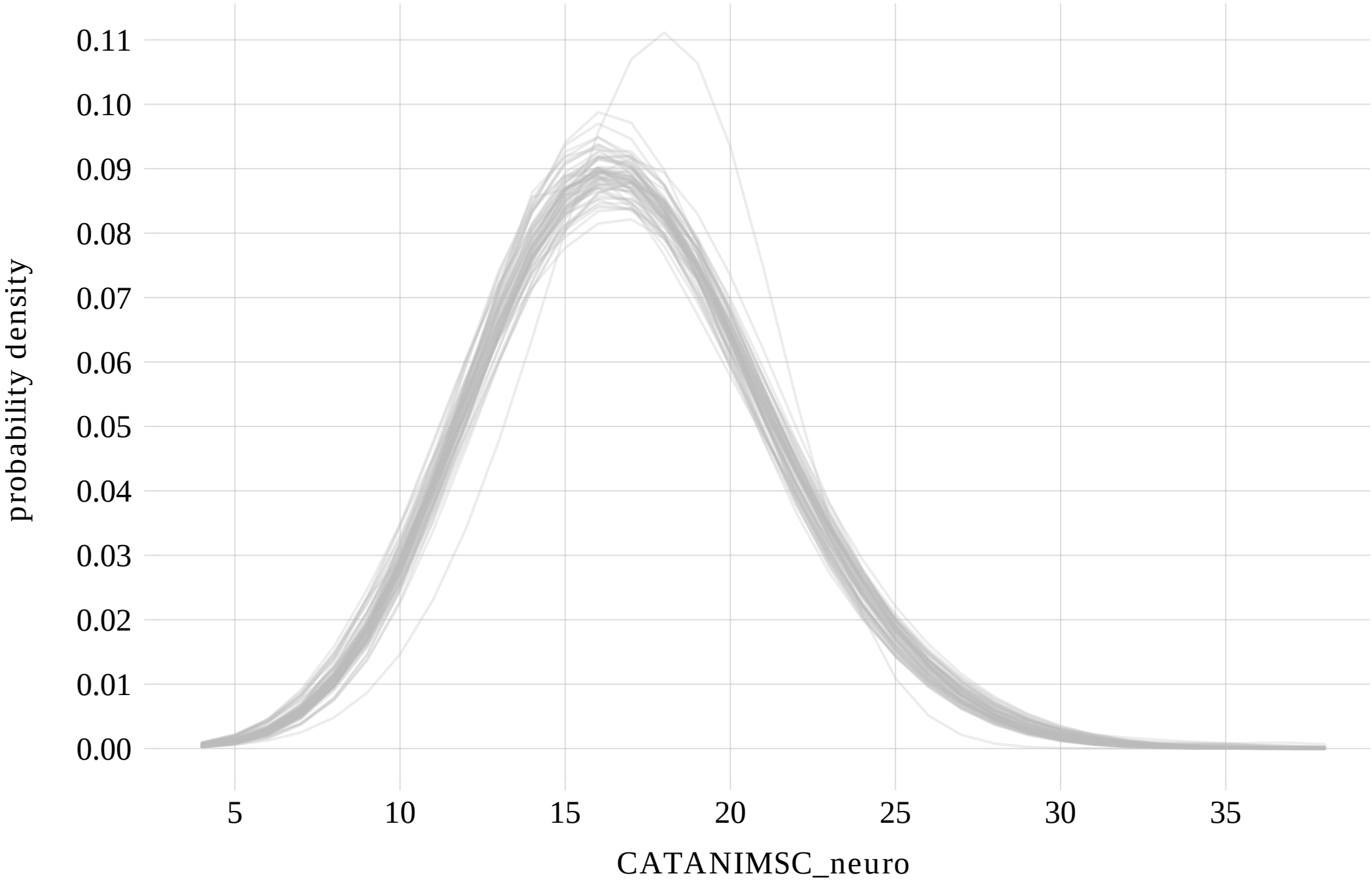

probability density
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
10
15
20
25
30
35
40
45
50
55
60
65
70
RAVLT_immediate

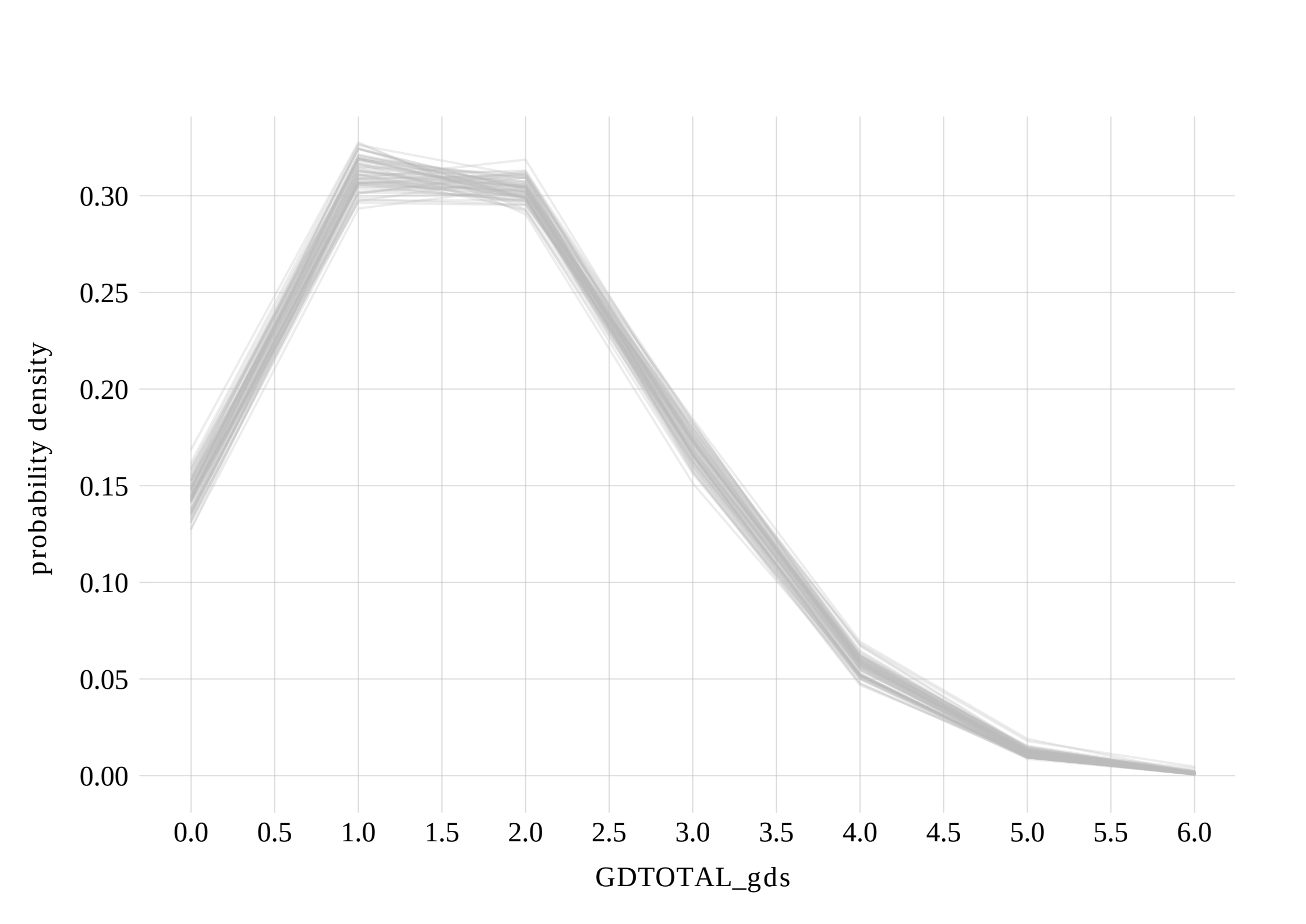

probability density
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
2
4
6
8
10
12
14
AVDEL30MIN_neuro

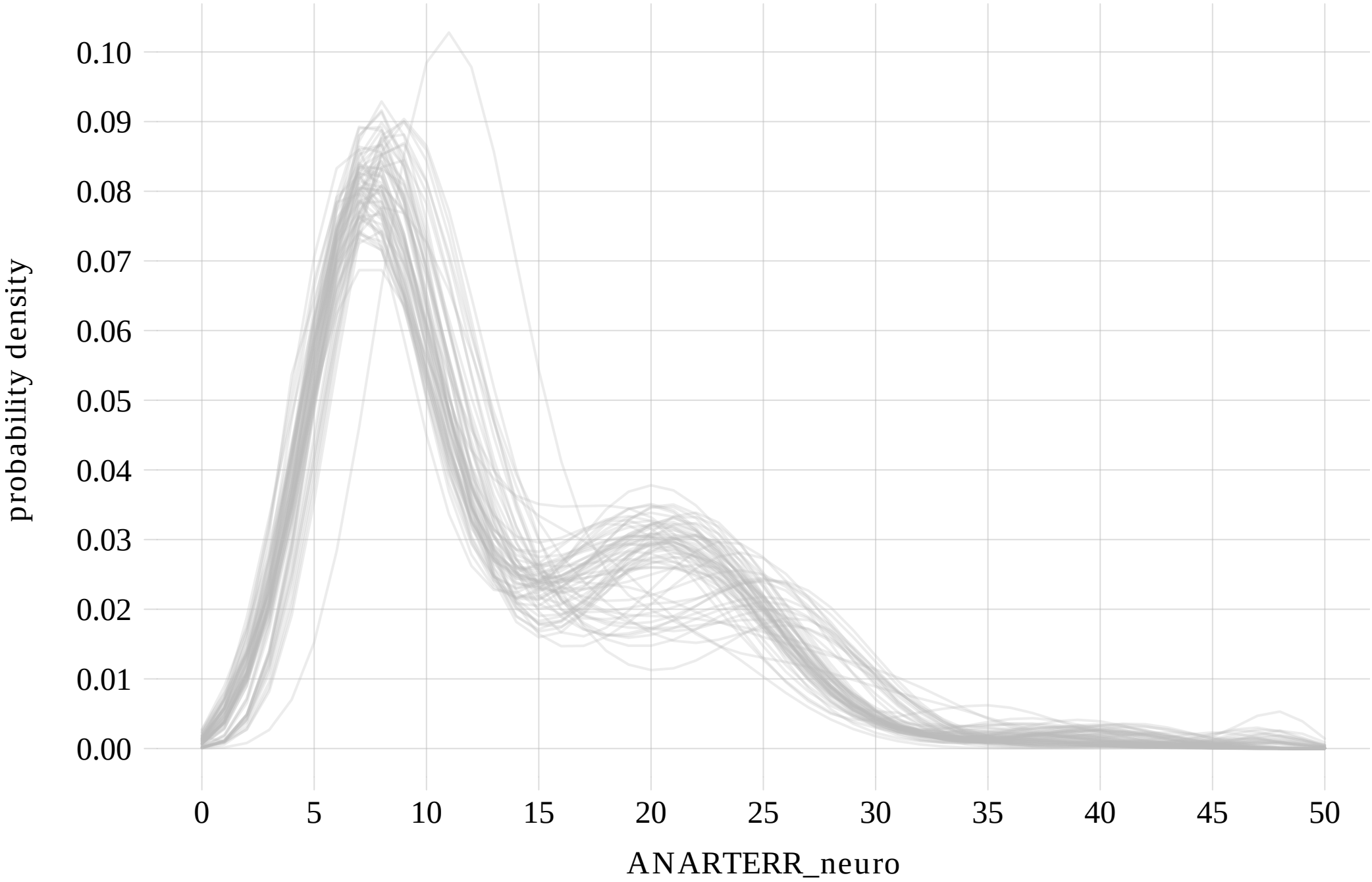

probability density
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
2
4
6
8
10
12
14
AVDELTOT_neuro

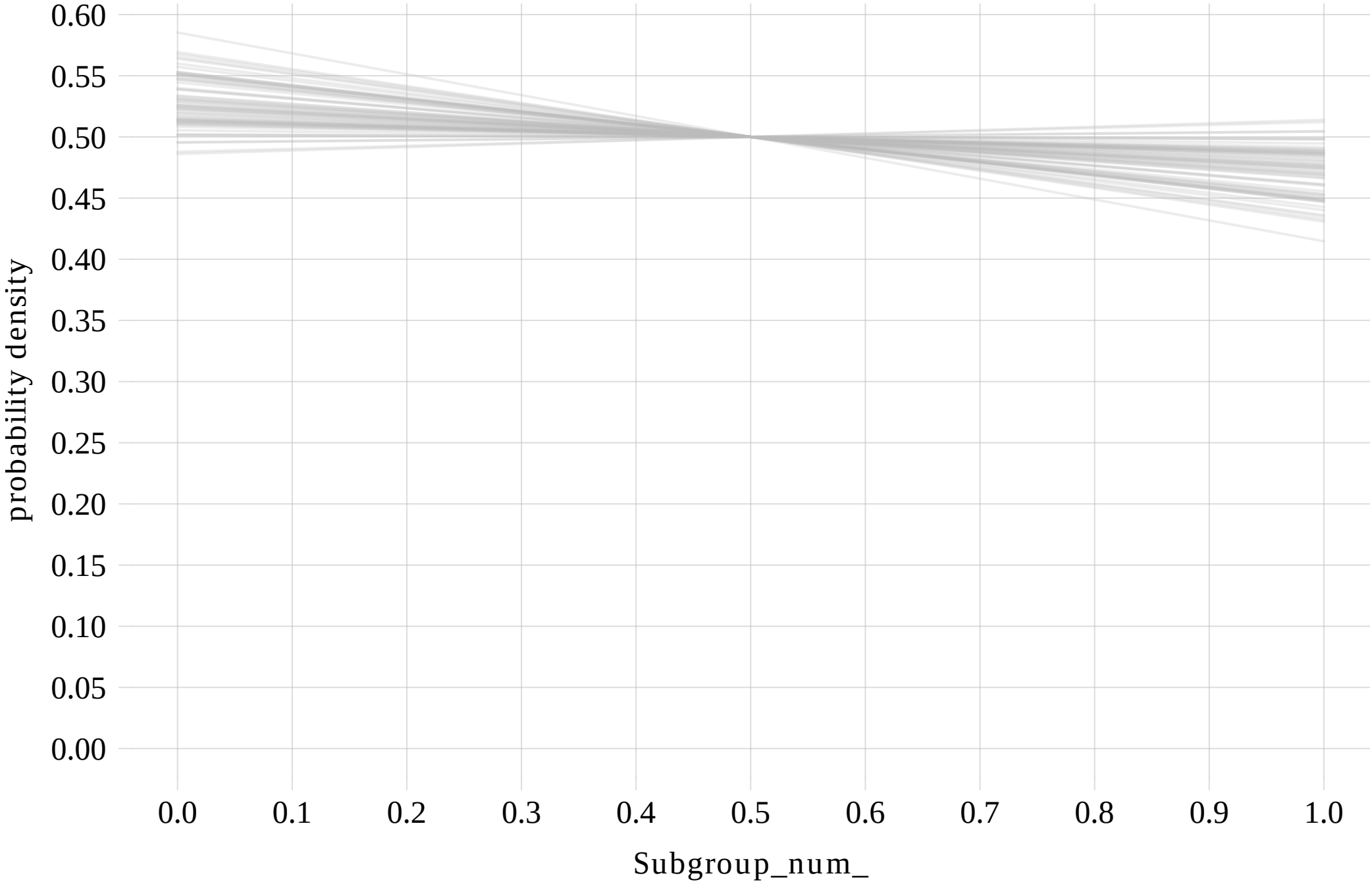

probability density
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
TRAASCOR_neuro

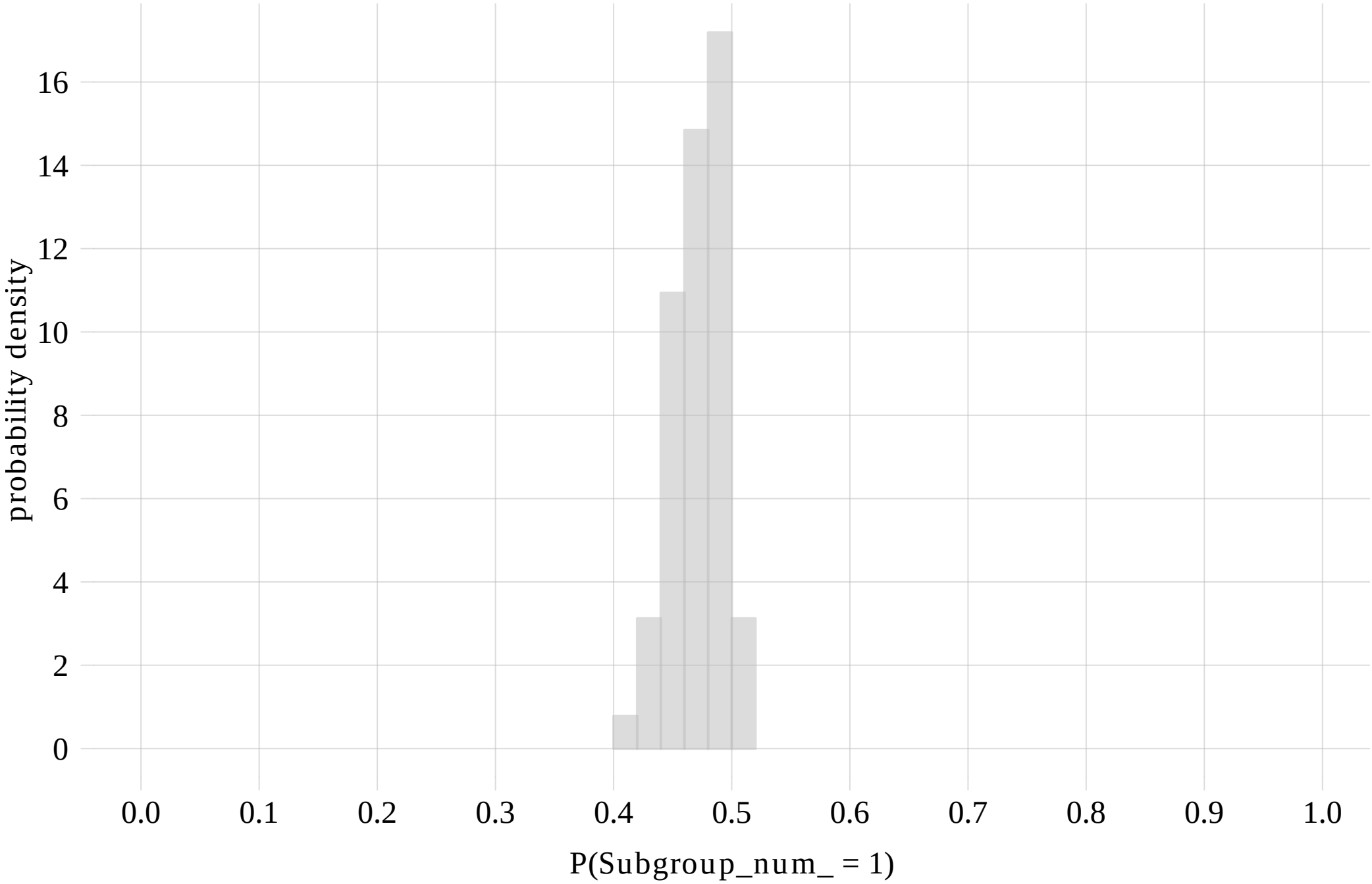

probability density
0.030
0.025
0.020
0.015
0.010
0.005
0.000
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300
TRABSCOR_neuro

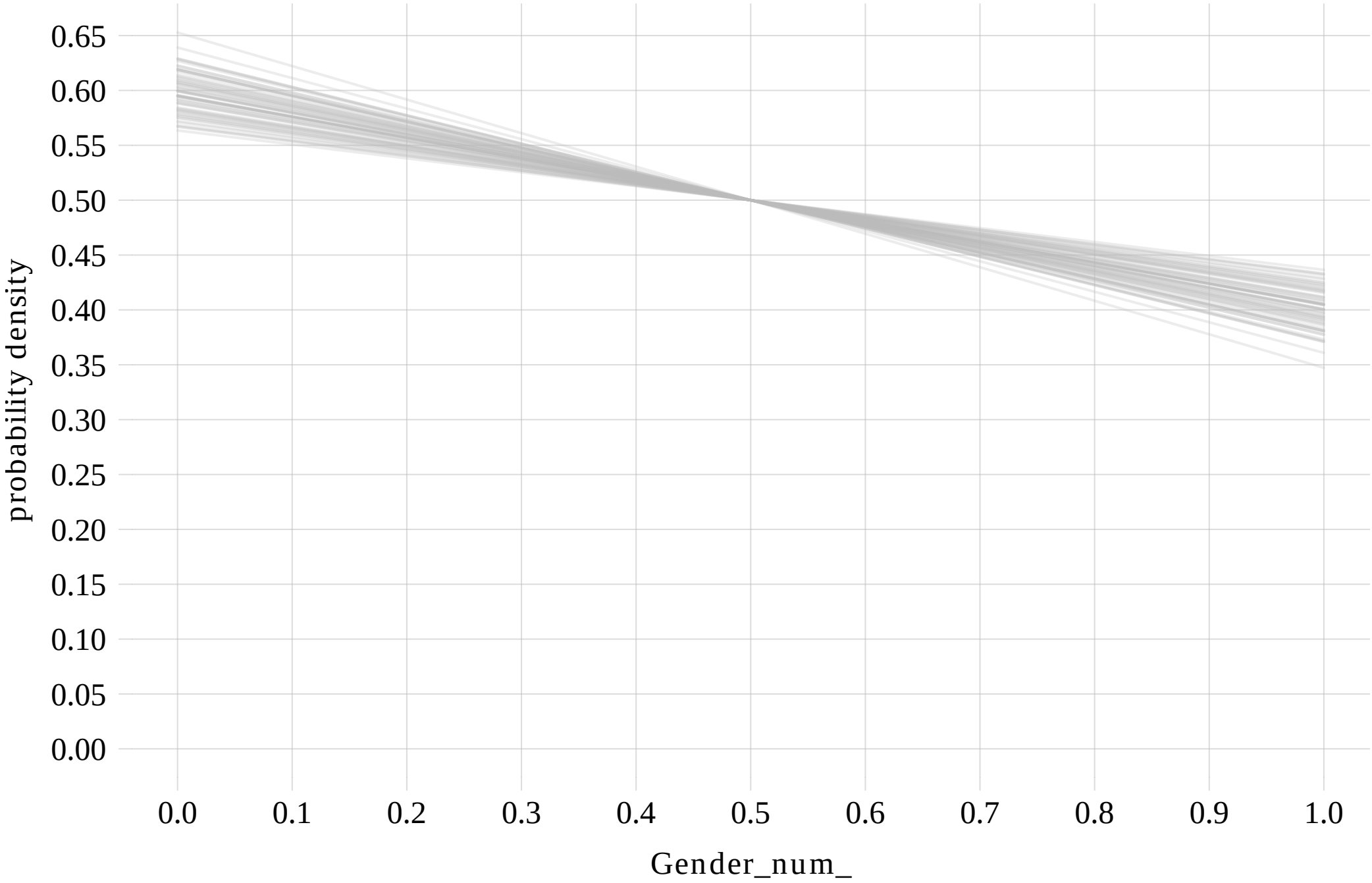

probability density
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
5
10
15
20
25
30
35
CATANIMSC_neuro

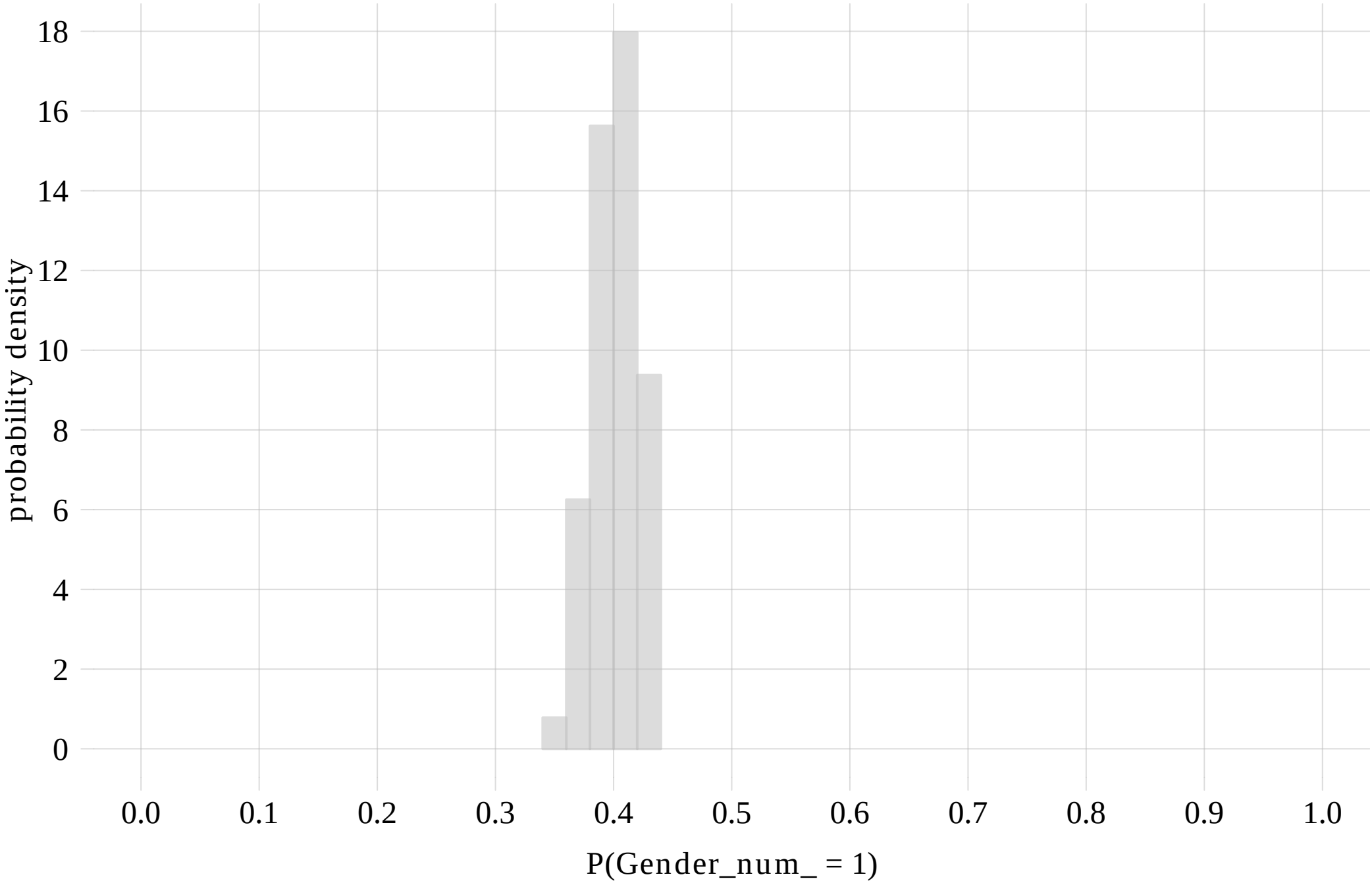

probability density
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0
GDTOTAL_gds

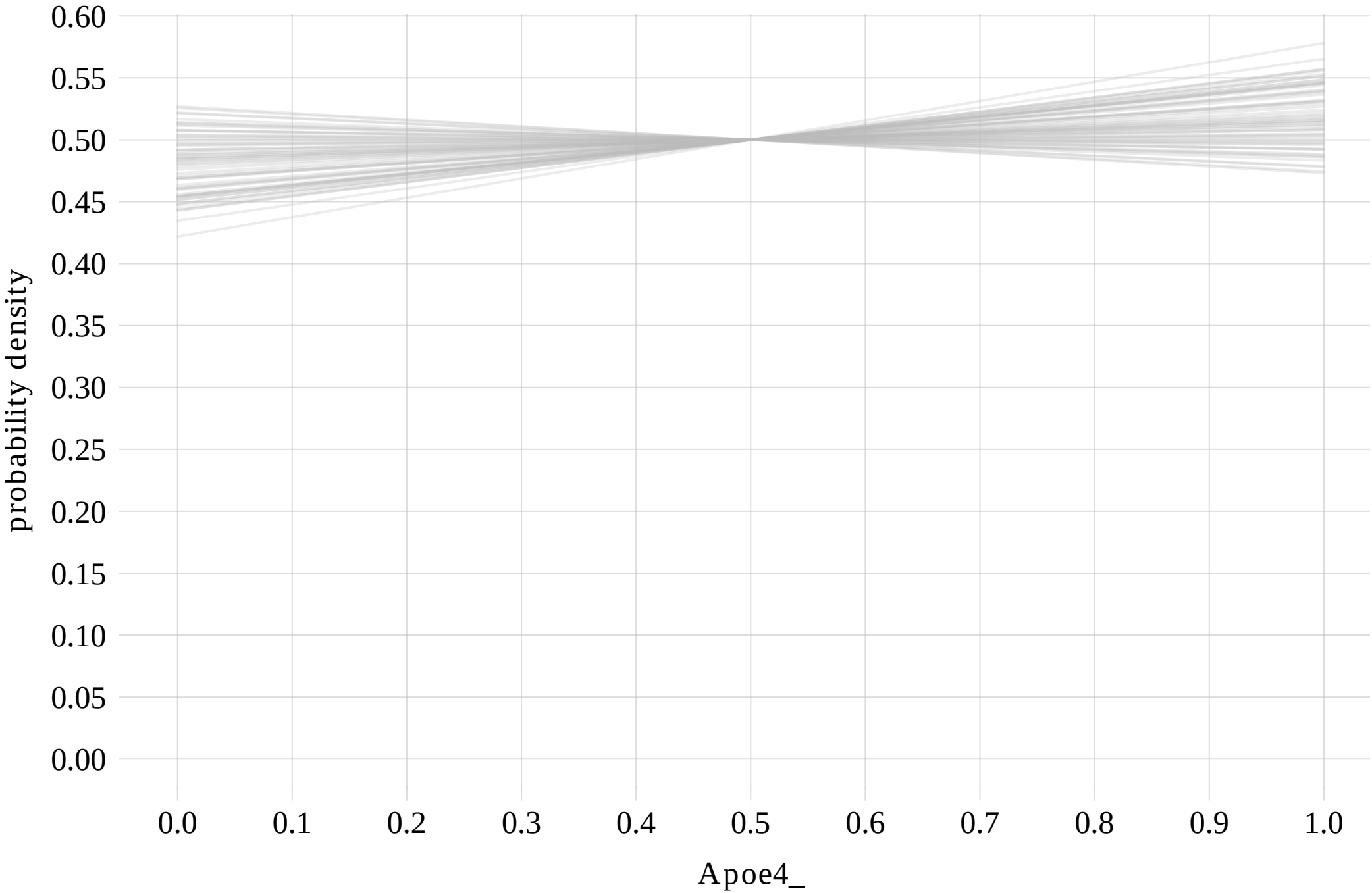

probability density
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
5
10
15
20
25
30
35
40
45
50
ANARTERR_neuro

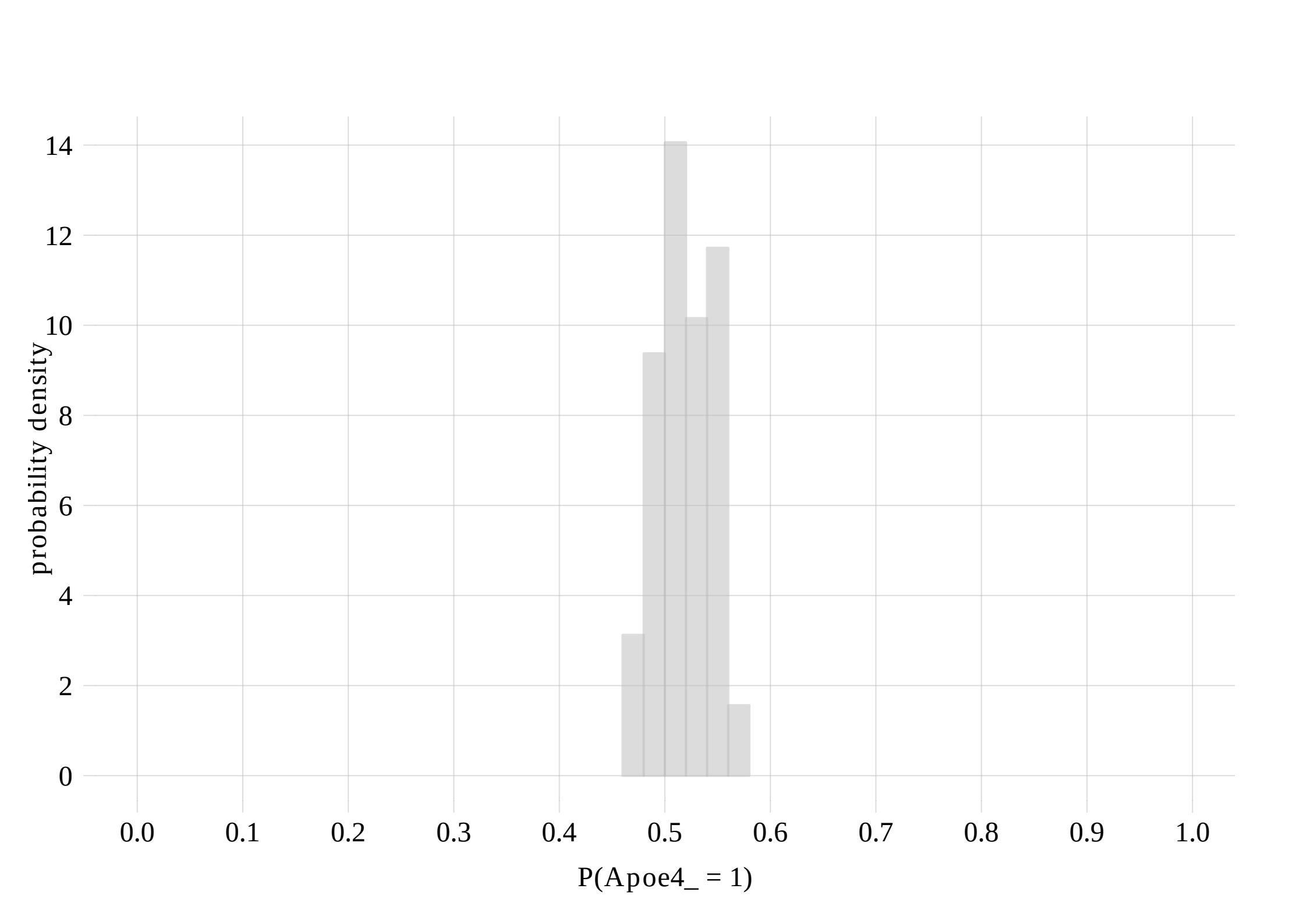

0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Subgroup_num_

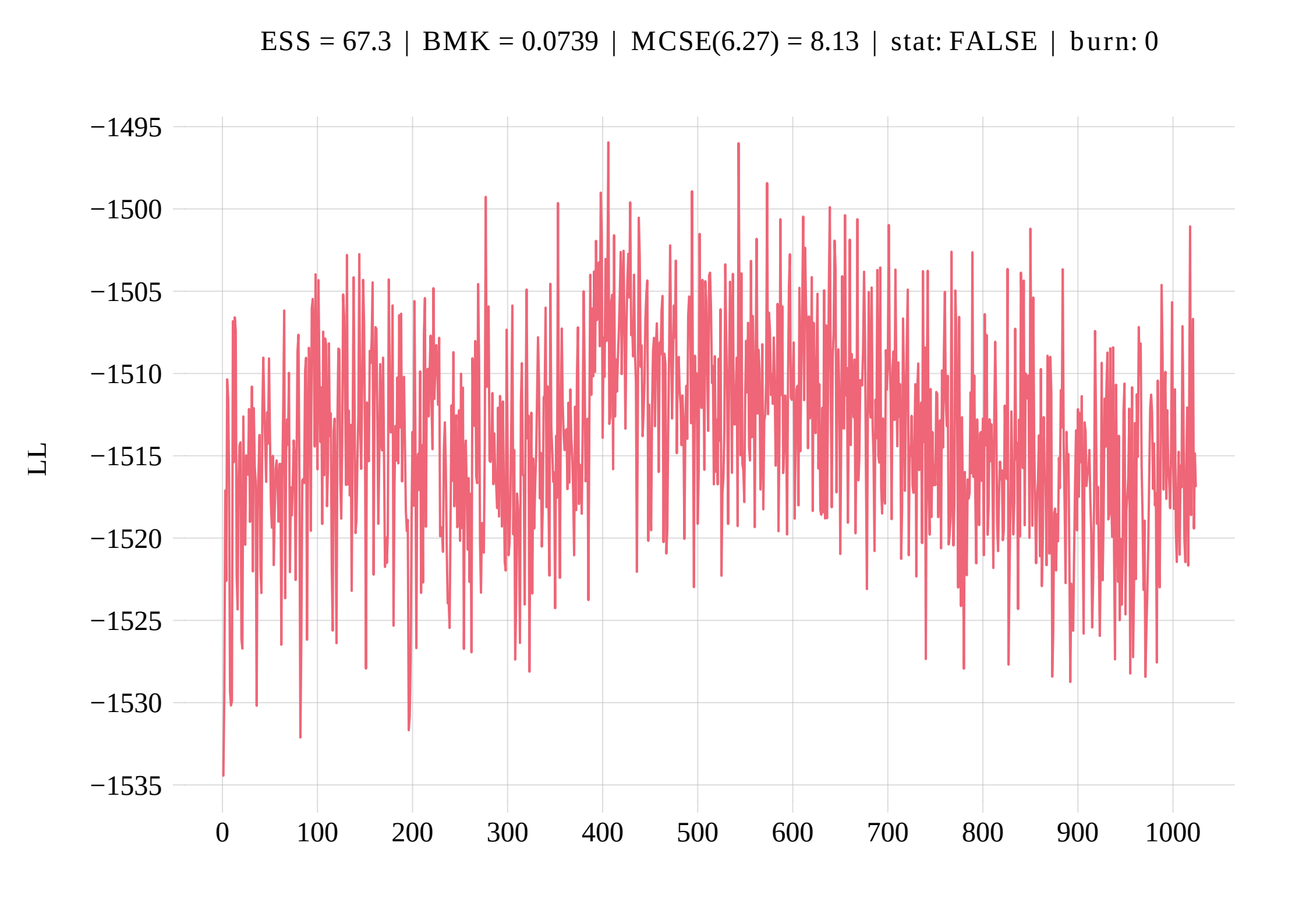

probability density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Subgroup_num_ = 1)

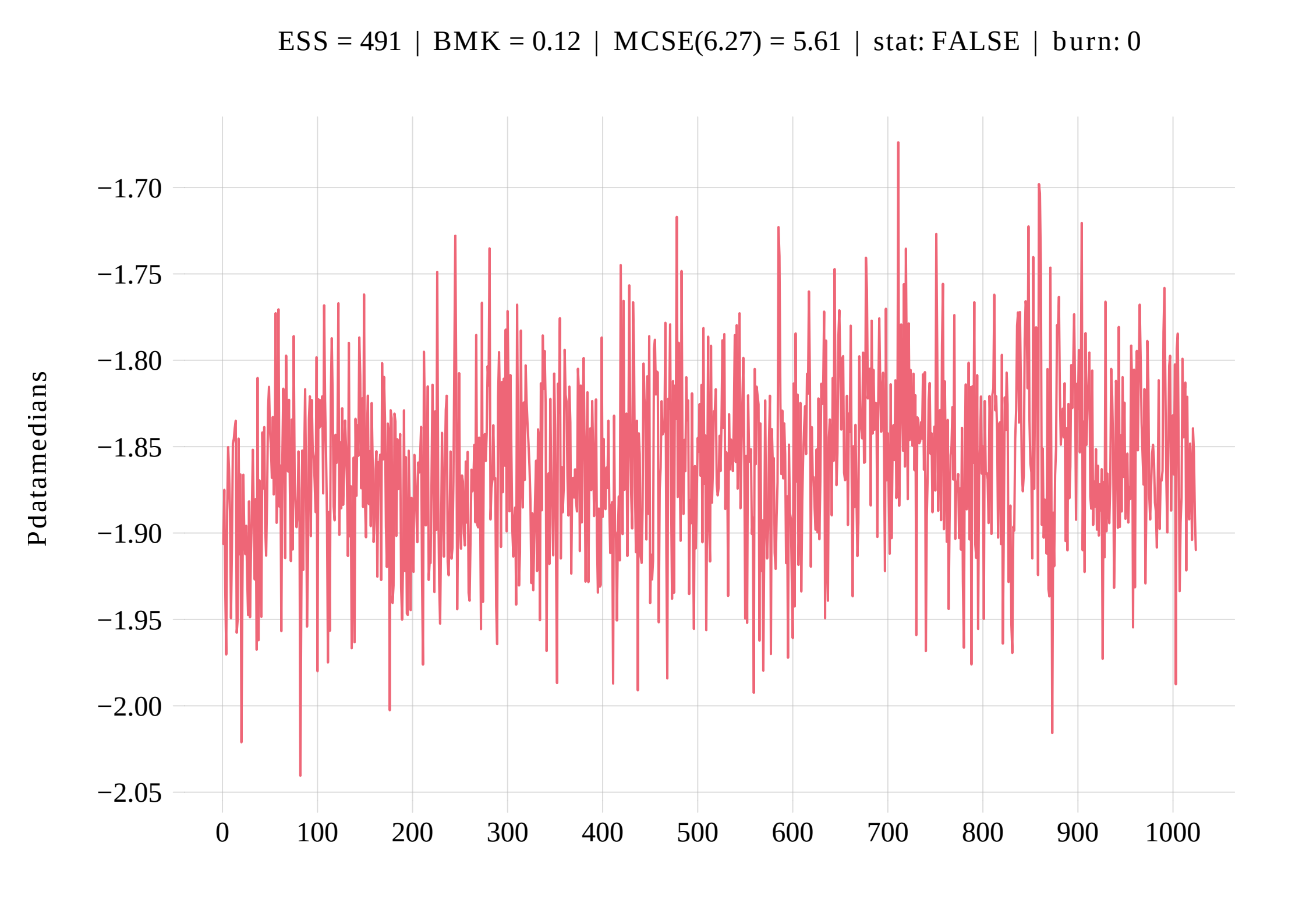

probability density
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Gender_num_

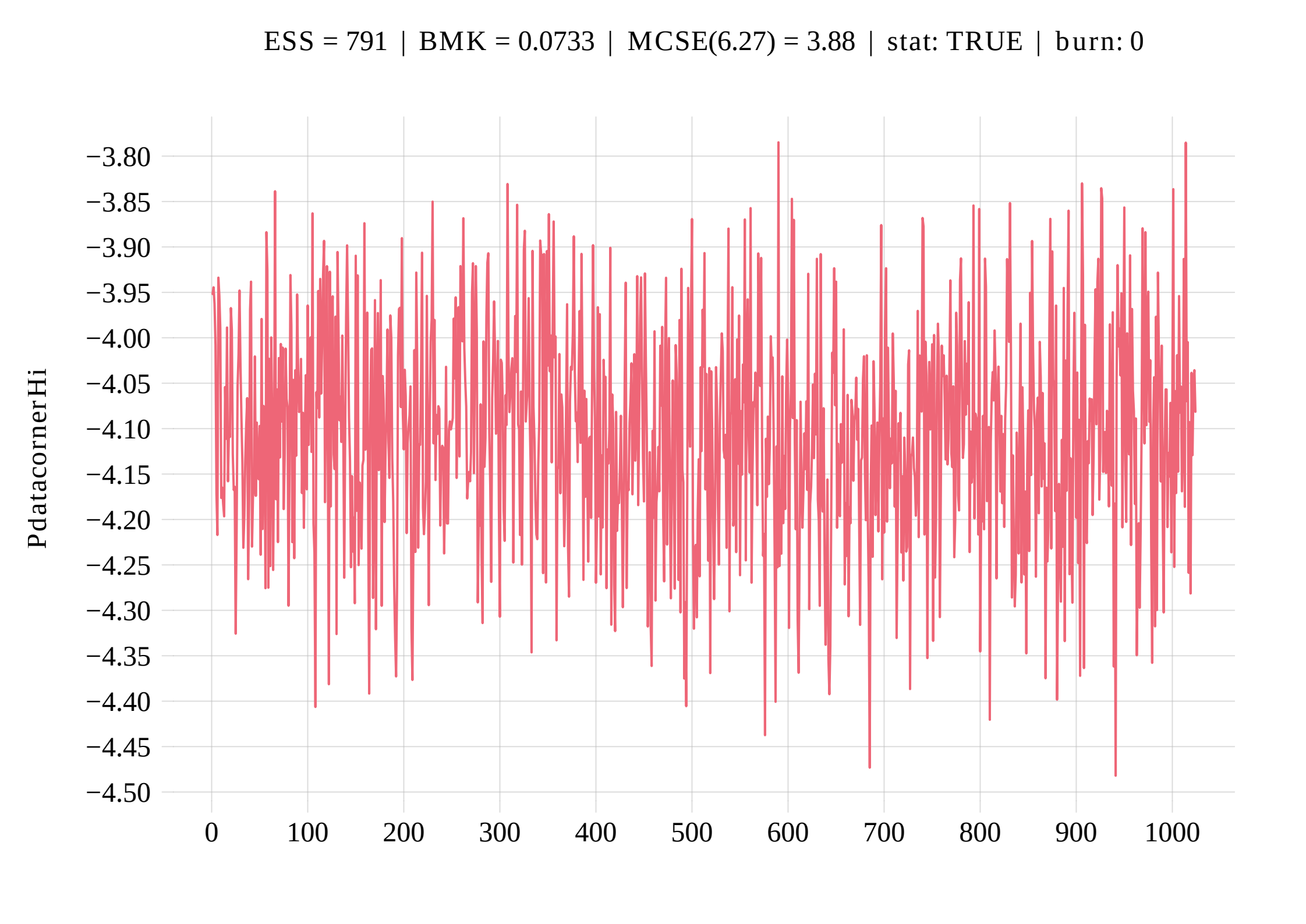

probability density
18
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Gender_num_ = 1)

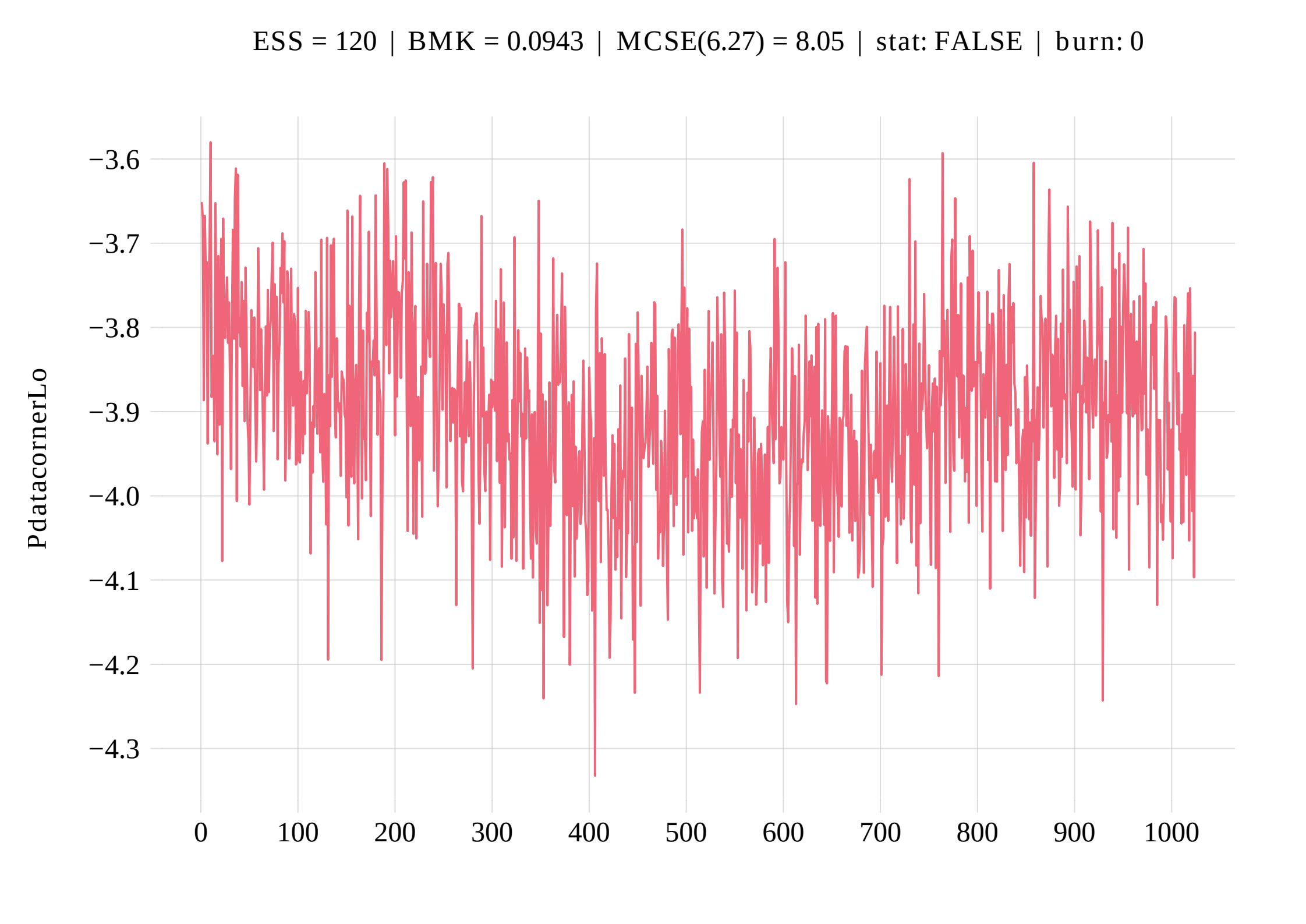

0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Apoe4_

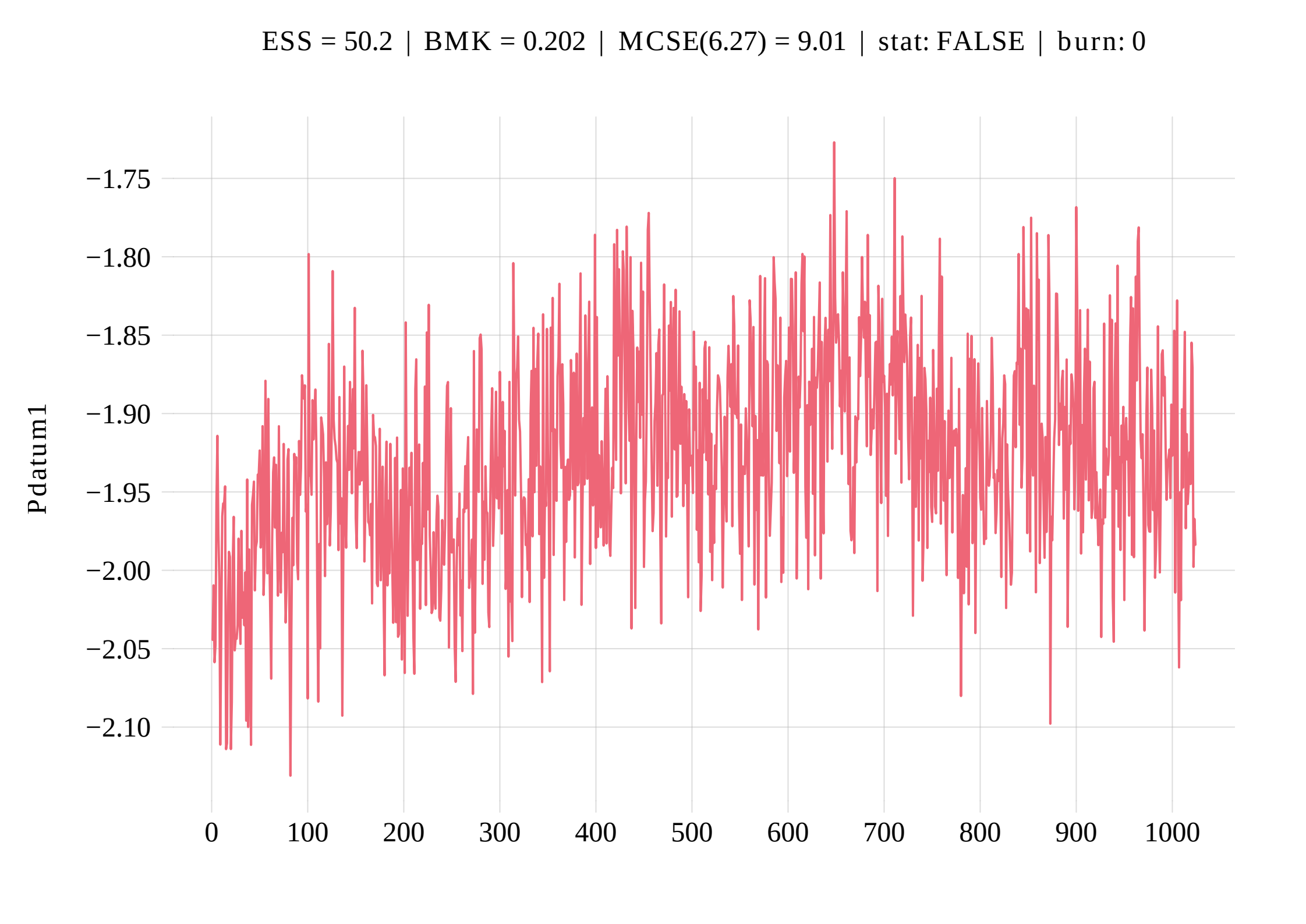

probability density
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Apoe4_ = 1)

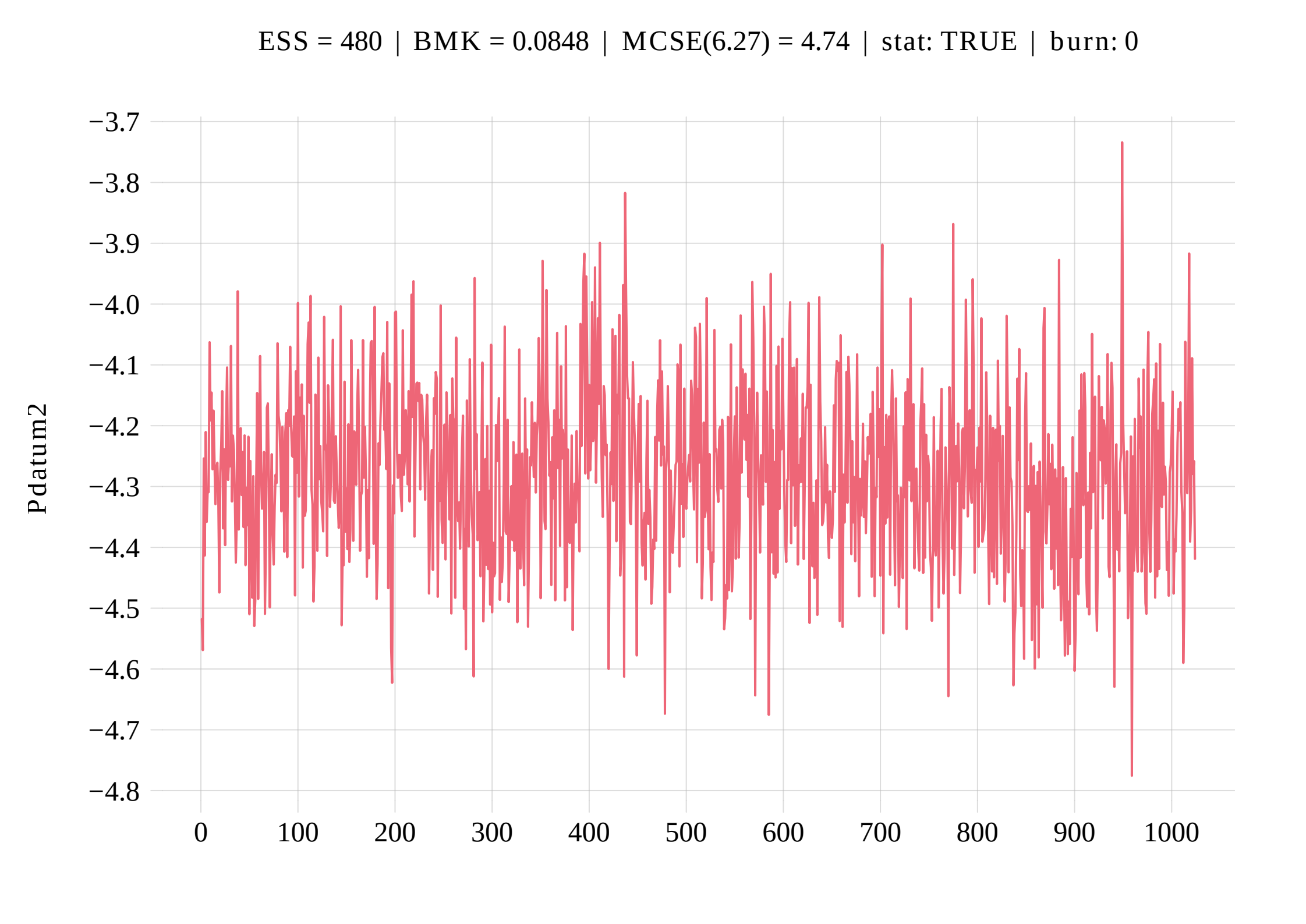

ESS = 67.3 | BMK = 0.0739 | MCSE(6.27) = 8.13 | stat: FALSE | burn: 0
LL
−1495
−1500
−1505
−1510
−1515
−1520
−1525
−1530
−1535
0
100
200
300
400
500
600
700
800
900
1000

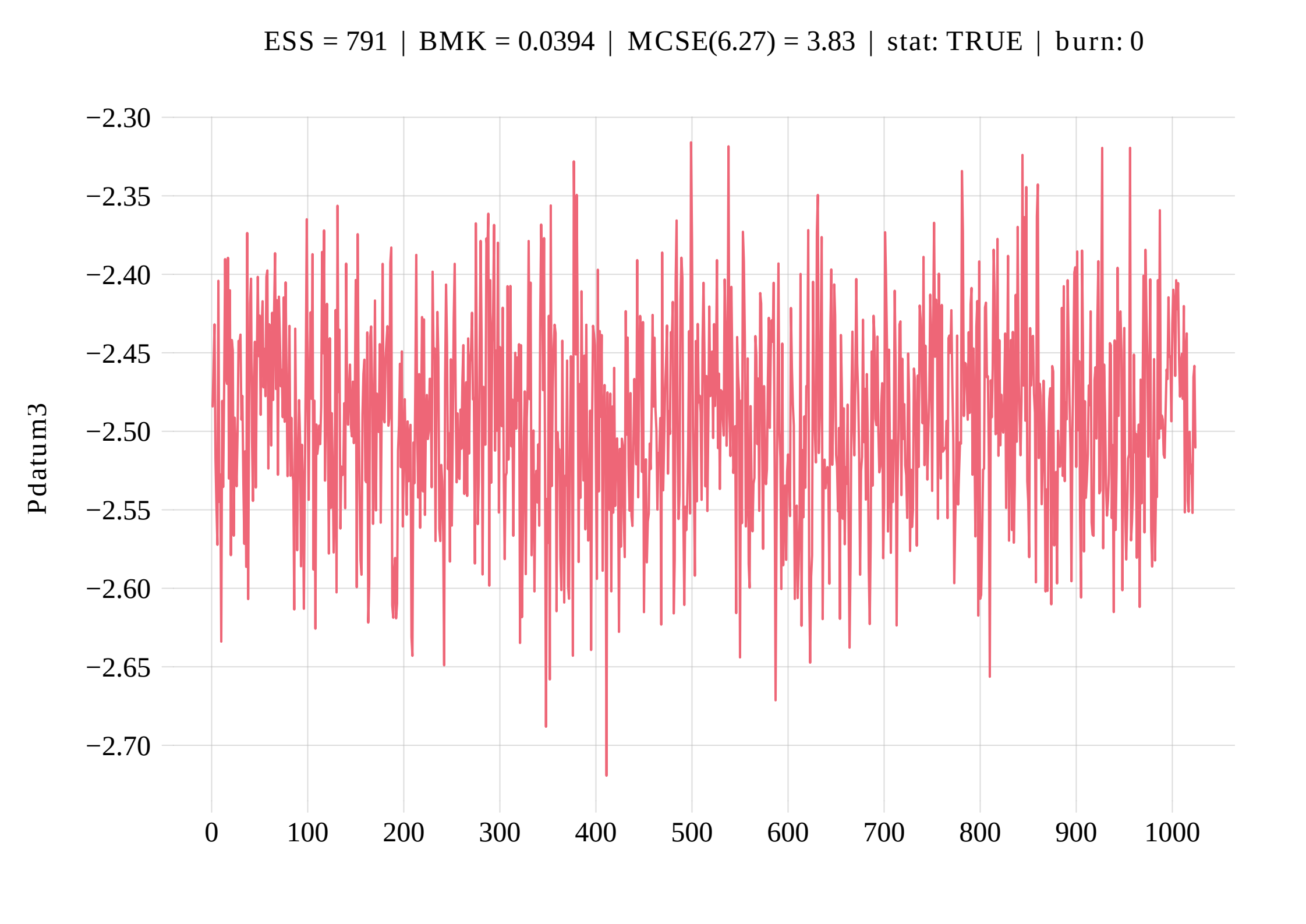

ESS = 491 | BMK = 0.12 | MCSE(6.27) = 5.61 | stat: FALSE | burn: 0
Pdatamedians
−1.70
−1.75
−1.80
−1.85
−1.90
−1.95
−2.00
−2.05
0
100
200
300
400
500
600
700
800
900
1000

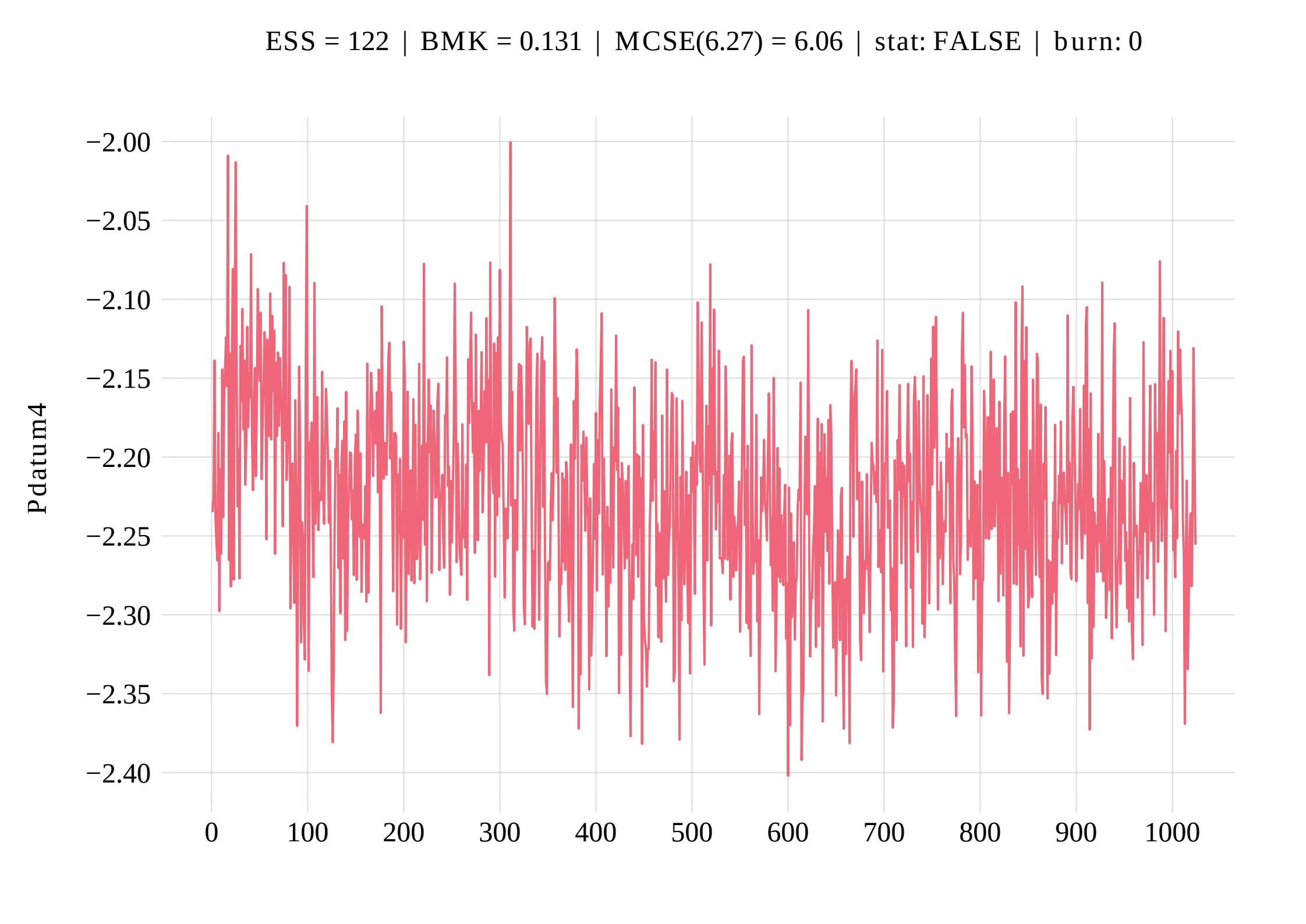

ESS = 791 | BMK = 0.0733 | MCSE(6.27) = 3.88 | stat: TRUE | burn: 0
PdatacornerHi
−3.80
−3.85
−3.90
−3.95
−4.00
−4.05
−4.10
−4.15
−4.20
−4.25
−4.30
−4.35
−4.40
−4.45
−4.50
0
100
200
300
400
500
600
700
800
900
1000

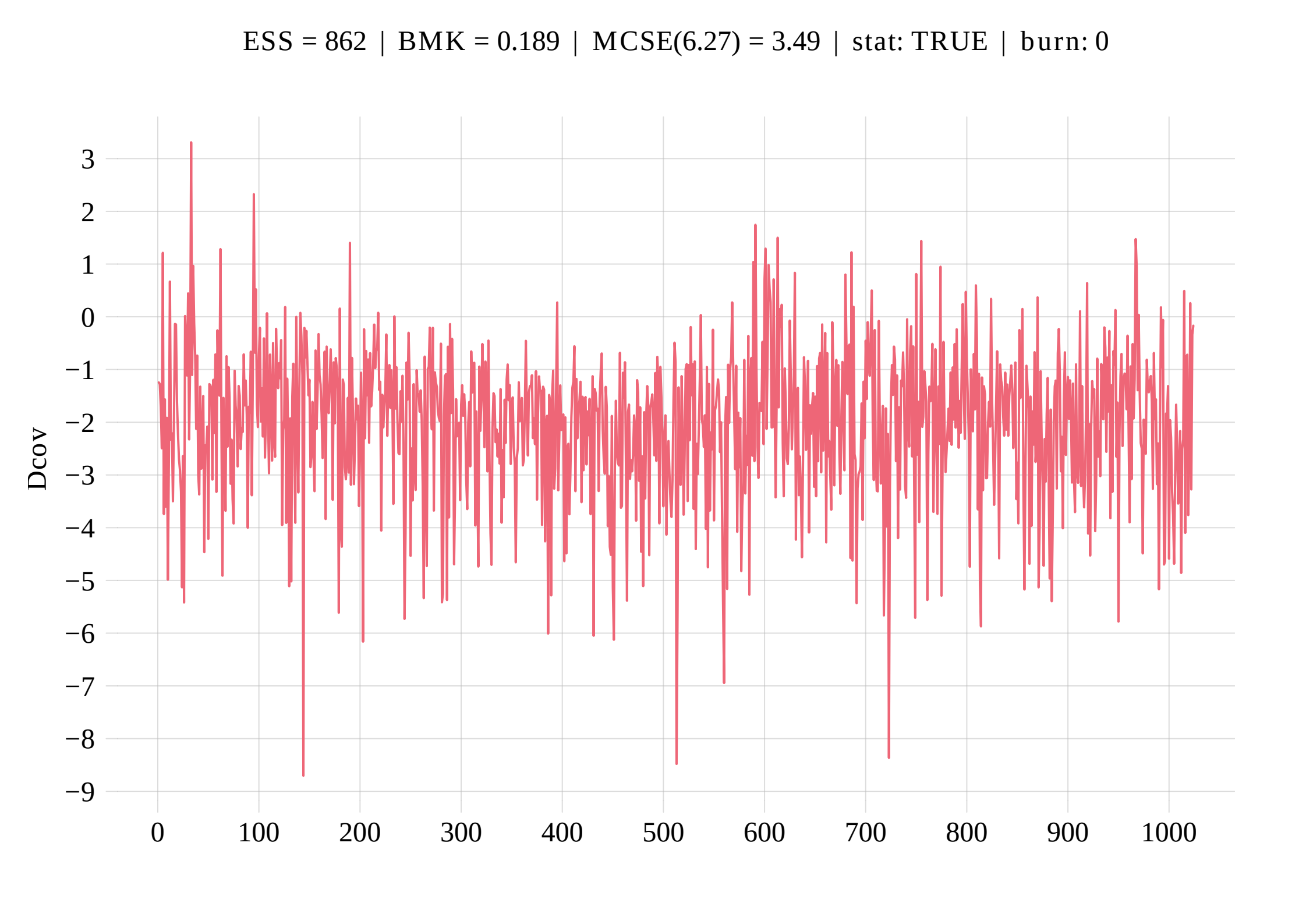

ESS = 120 | BMK = 0.0943 | MCSE(6.27) = 8.05 | stat: FALSE | burn: 0
PdatacornerLo
−3.6
−3.7
−3.8
−3.9
−4.0
−4.1
−4.2
−4.3
0
100
200
300
400
500
600
700
800
900
1000

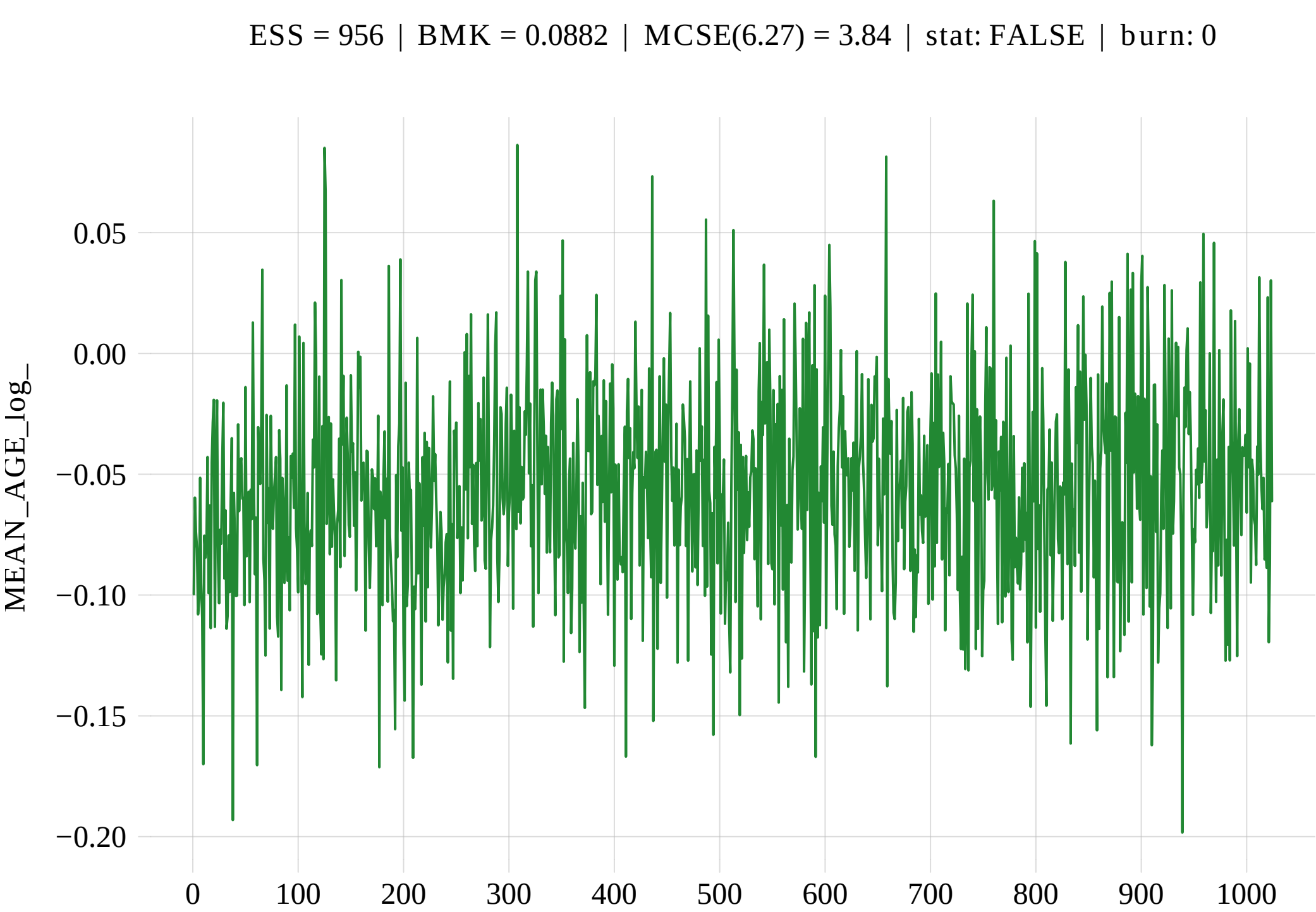

ESS = 50.2 | BMK = 0.202 | MCSE(6.27) = 9.01 | stat: FALSE | burn: 0
Pdatum1
−1.75
−1.80
−1.85
−1.90
−1.95
−2.00
−2.05
−2.10
0
100
200
300
400
500
600
700
800
900
1000

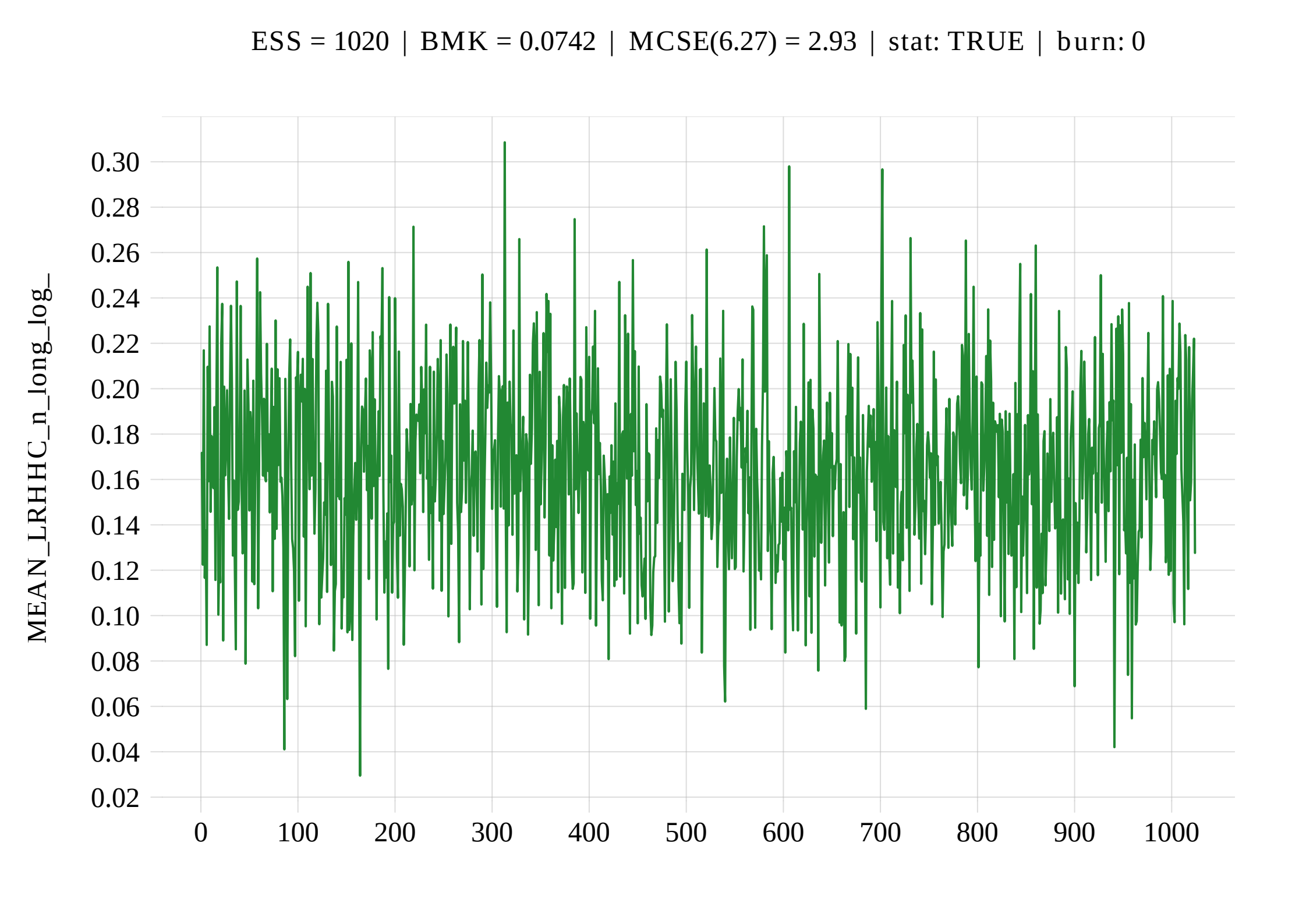

ESS = 480 | BMK = 0.0848 | MCSE(6.27) = 4.74 | stat: TRUE | burn: 0
Pdatum2
−3.7
−3.8
−3.9
−4.0
−4.1
−4.2
−4.3
−4.4
−4.5
−4.6
−4.7
−4.8
0
100
200
300
400
500
600
700
800
900
1000

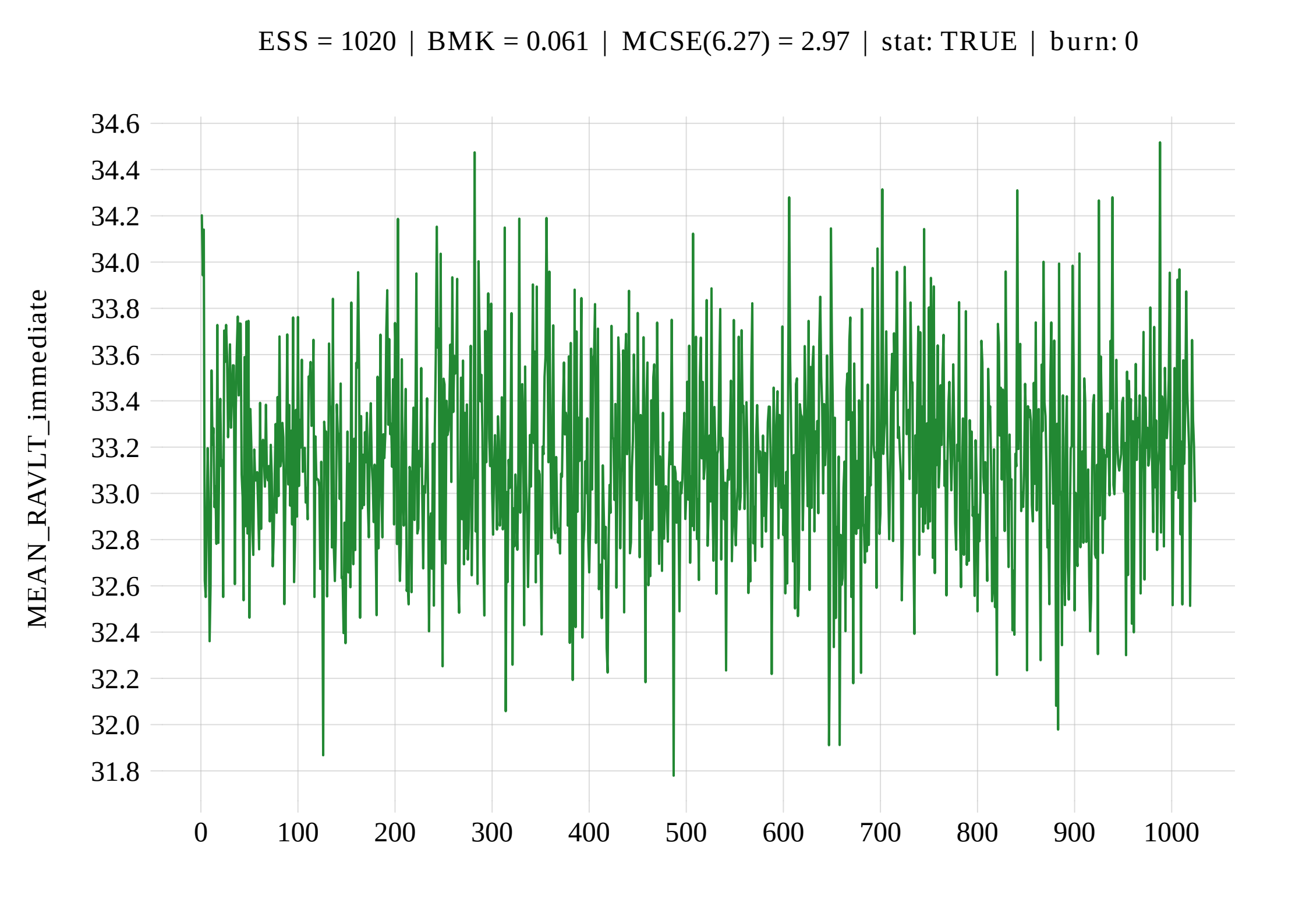

ESS = 791 | BMK = 0.0394 | MCSE(6.27) = 3.83 | stat: TRUE | burn: 0
Pdatum3
−2.30
−2.35
−2.40
−2.45
−2.50
−2.55
−2.60
−2.65
−2.70
0
100
200
300
400
500
600
700
800
900
1000

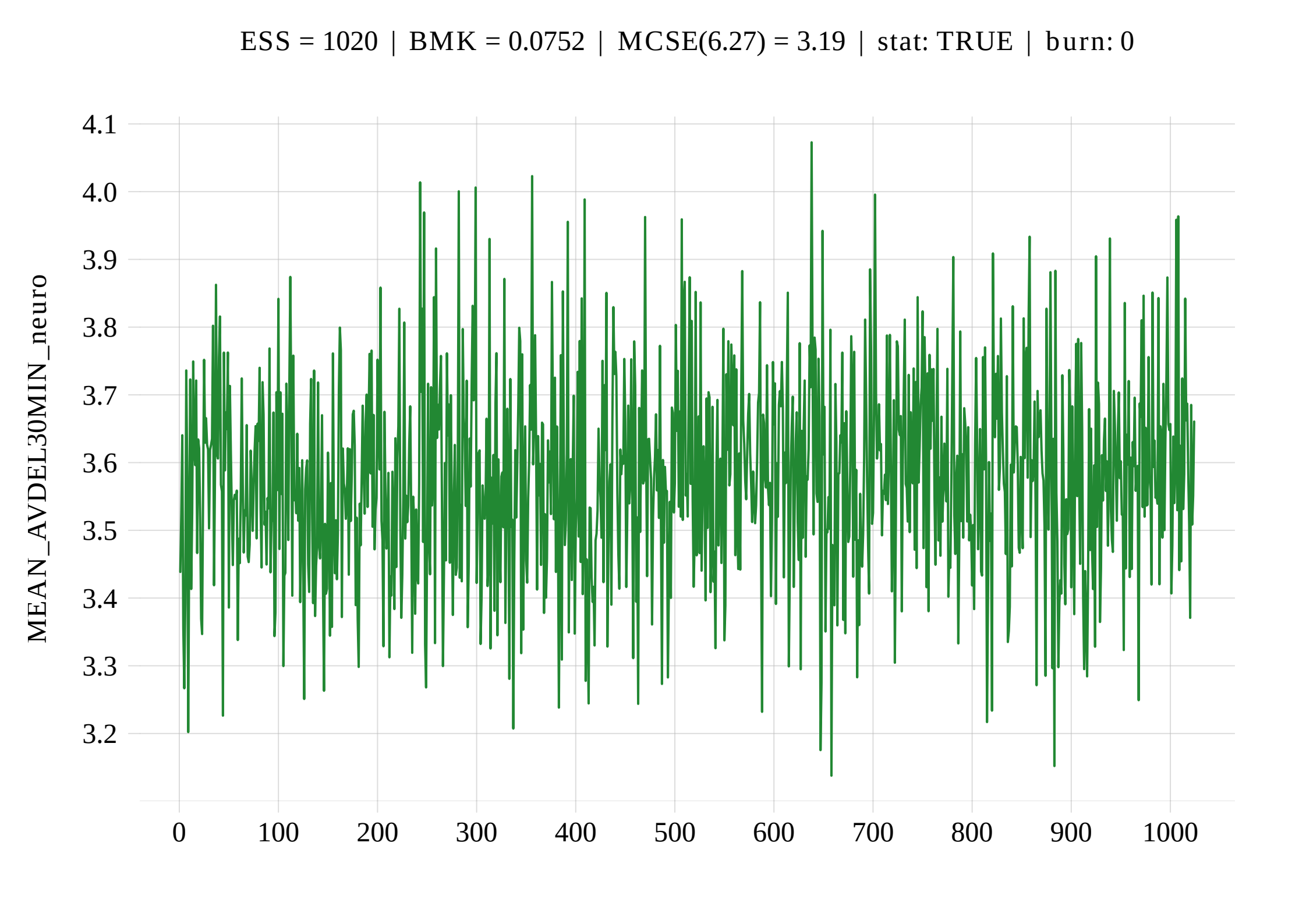

ESS = 122 | BMK = 0.131 | MCSE(6.27) = 6.06 | stat: FALSE | burn: 0
Pdatum4
−2.00
−2.05
−2.10
−2.15
−2.20
−2.25
−2.30
−2.35
−2.40
0
100
200
300
400
500
600
700
800
900
1000

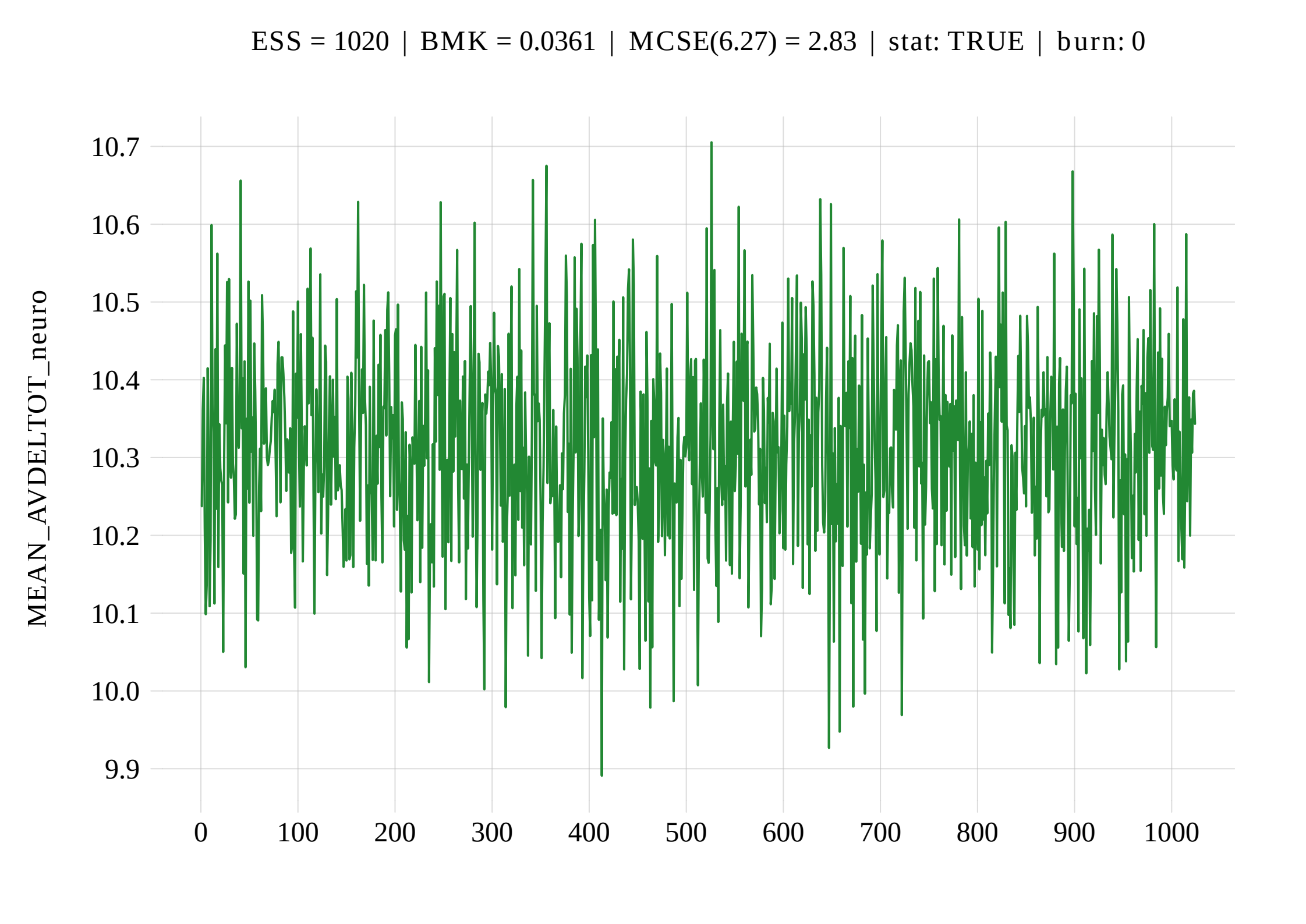

ESS = 862 | BMK = 0.189 | MCSE(6.27) = 3.49 | stat: TRUE | burn: 0
Dcov
3
2
1
0
−1
−2
−3
−4
−5
−6
−7
−8
−9
0
100
200
300
400
500
600
700
800
900
1000

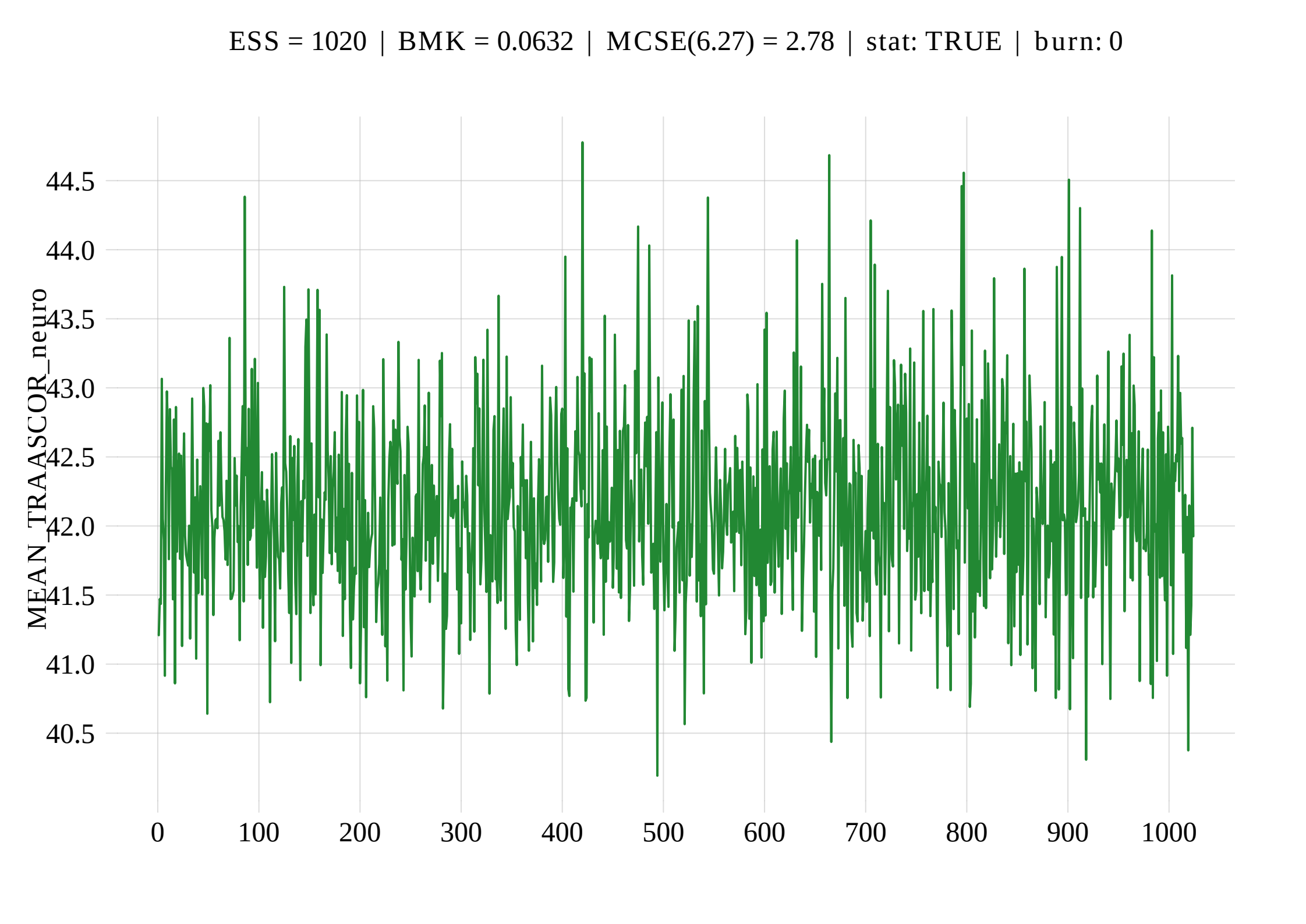

ESS = 956 | BMK = 0.0882 | MCSE(6.27) = 3.84 | stat: FALSE | burn: 0
MEAN_AGE_log_
0.05
0.00
−0.05
−0.10
−0.15
−0.20
0
100
200
300
400
500
600
700
800
900
1000

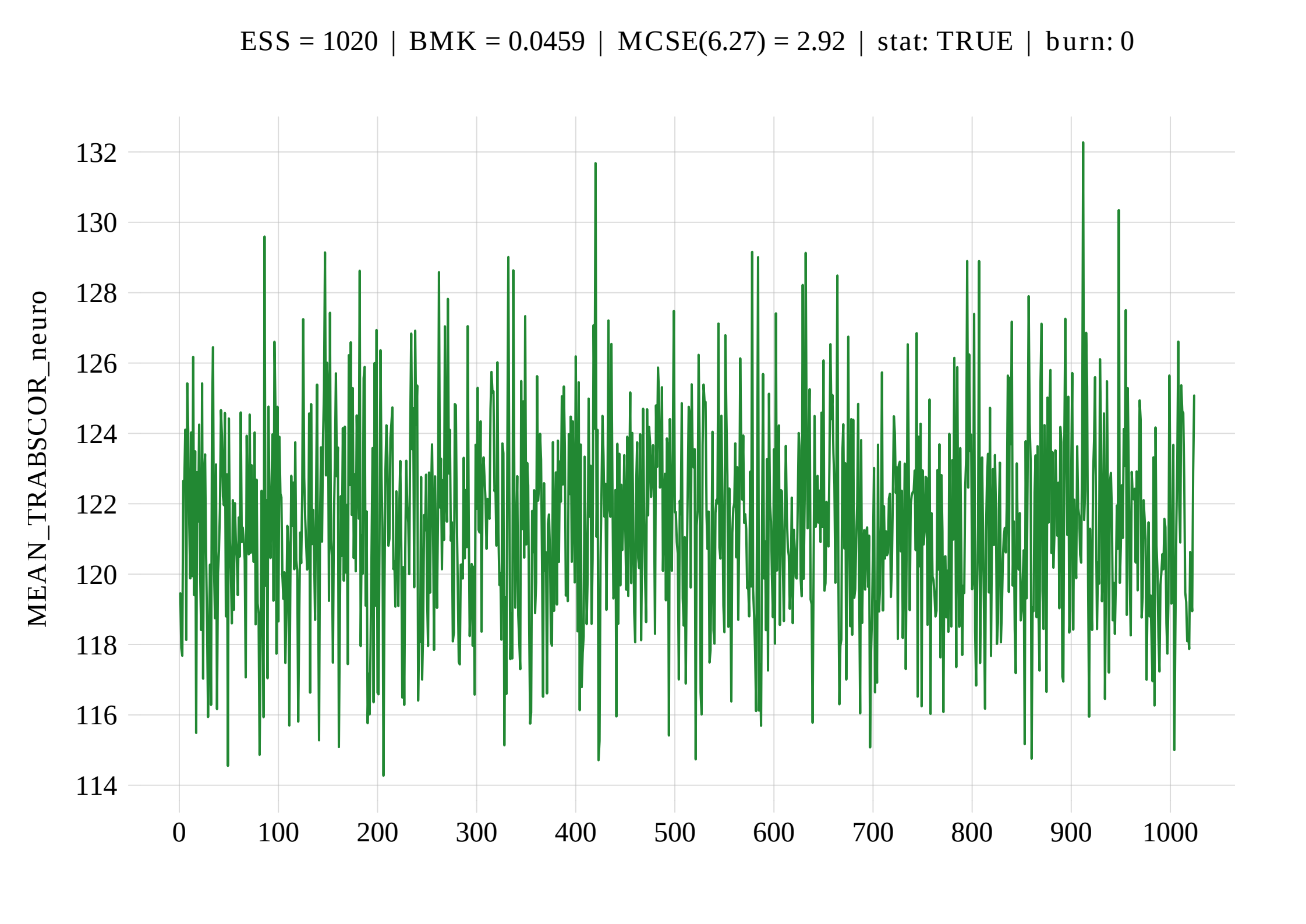

ESS = 1020 | BMK = 0.0742 | MCSE(6.27) = 2.93 | stat: TRUE | burn: 0
MEAN_LRHHC_n_long_log_
0.30
0.28
0.26
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0
100
200
300
400
500
600
700
800
900
1000

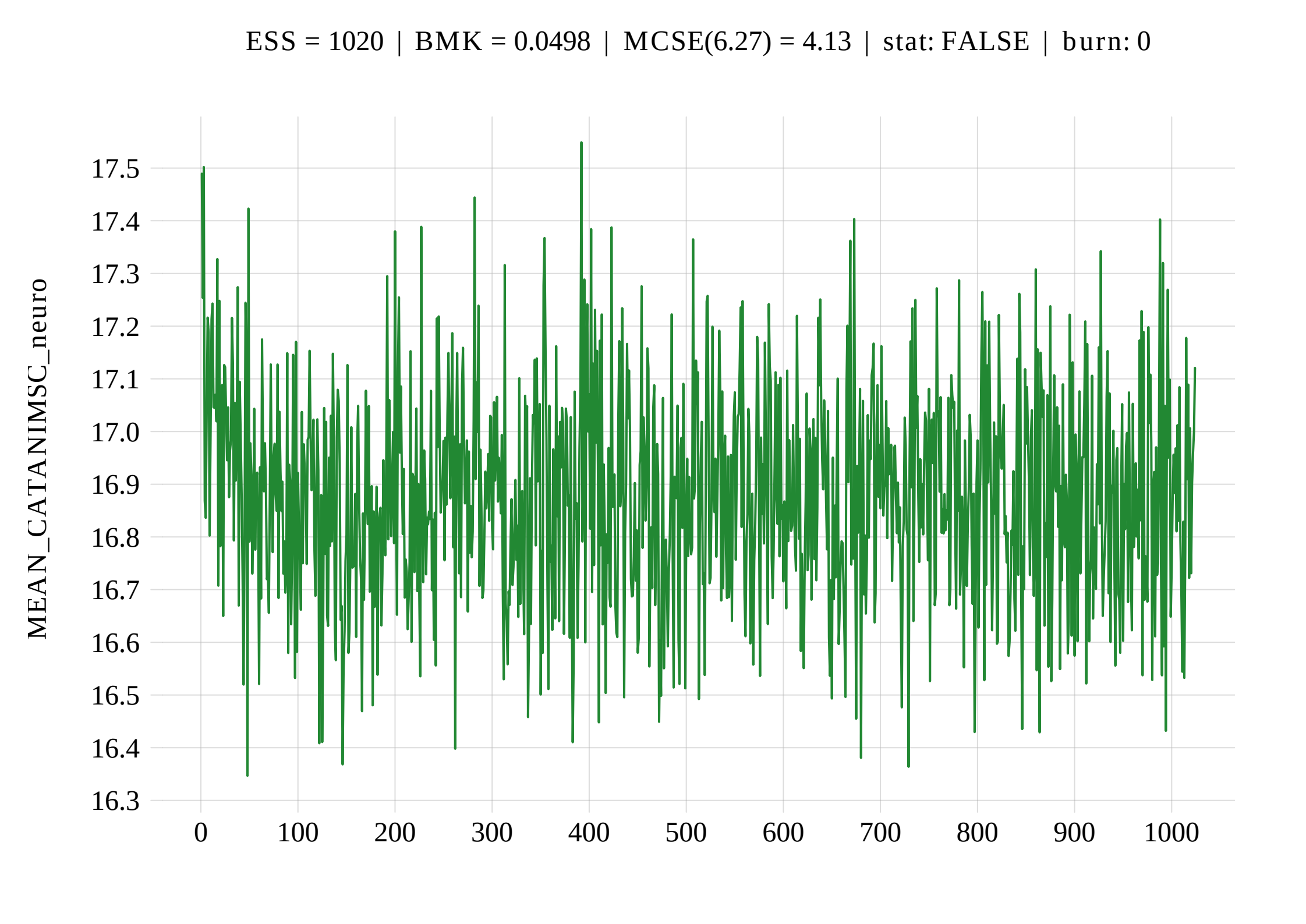

ESS = 1020 | BMK = 0.061 | MCSE(6.27) = 2.97 | stat: TRUE | burn: 0
MEAN_RAVLT_immediate
34.6
34.4
34.2
34.0
33.8
33.6
33.4
33.2
33.0
32.8
32.6
32.4
32.2
32.0
31.8
0
100
200
300
400
500
600
700
800
900
1000

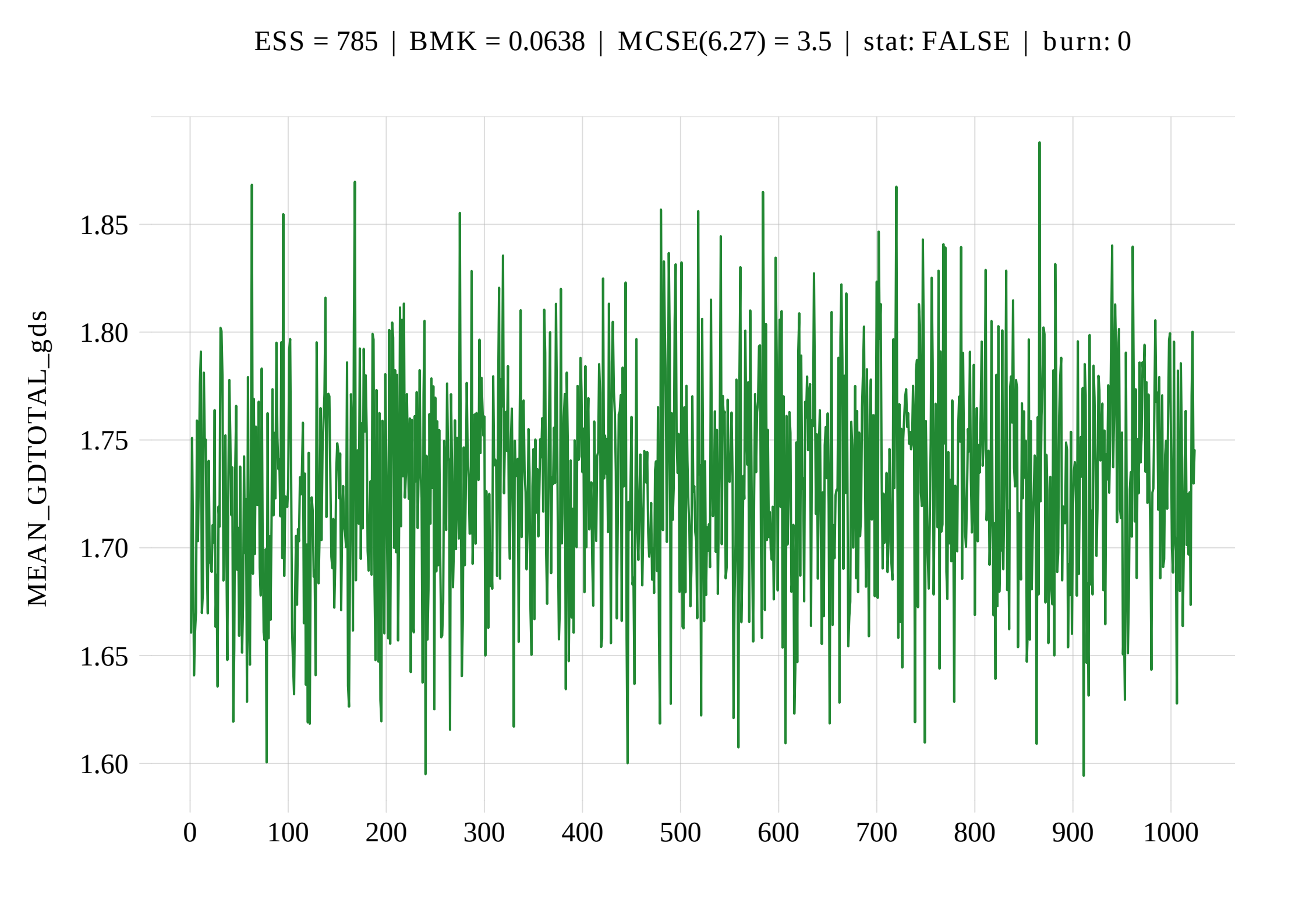

ESS = 1020 | BMK = 0.0752 | MCSE(6.27) = 3.19 | stat: TRUE | burn: 0
MEAN_AVDEL30MIN_neuro
4.1
4.0
3.9
3.8
3.7
3.6
3.5
3.4
3.3
3.2
0
100
200
300
400
500
600
700
800
900
1000

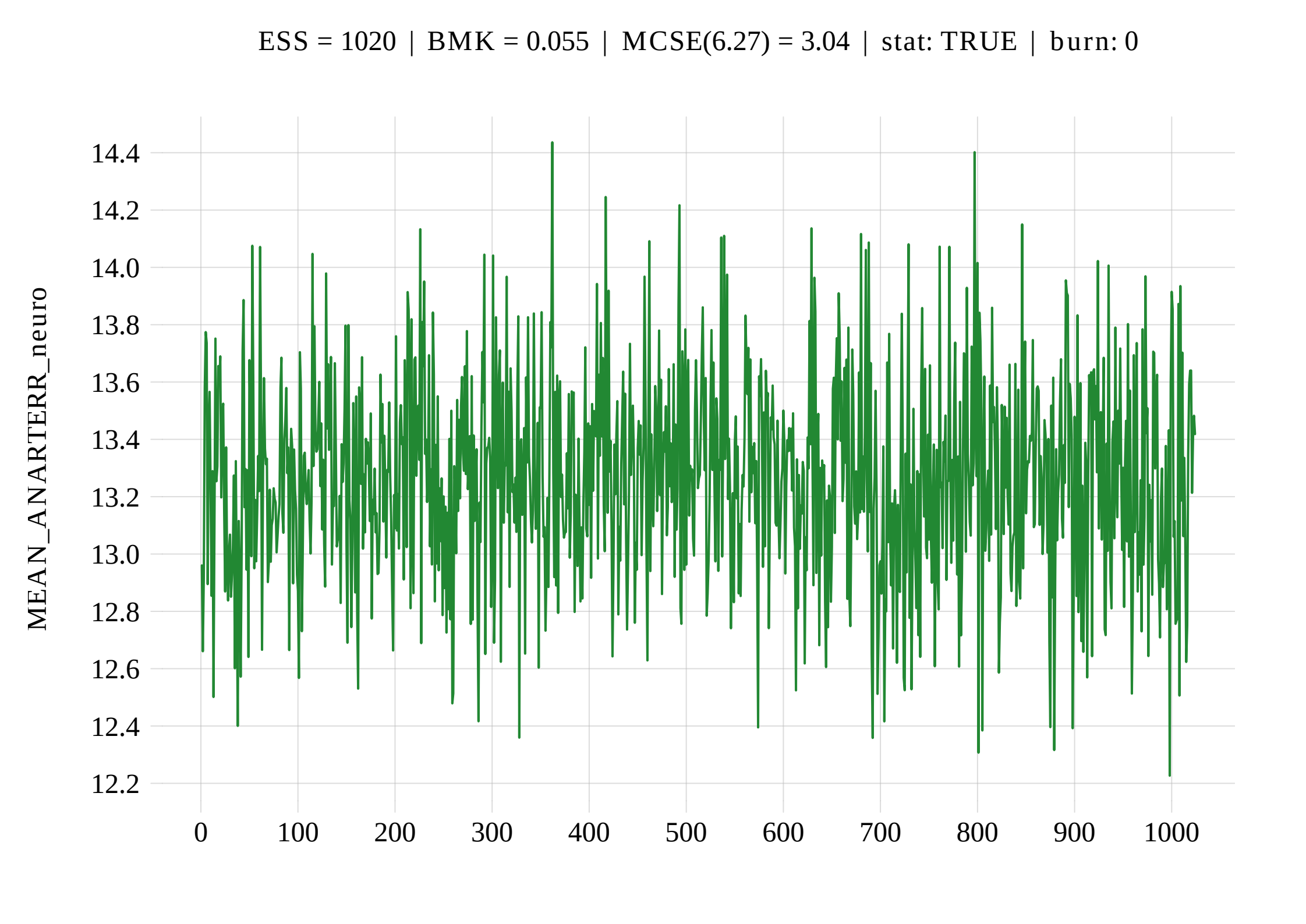

ESS = 1020 | BMK = 0.0361 | MCSE(6.27) = 2.83 | stat: TRUE | burn: 0
MEAN_AVDELTOT_neuro
10.7
10.6
10.5
10.4
10.3
10.2
10.1
10.0
9.9
0
100
200
300
400
500
600
700
800
900
1000

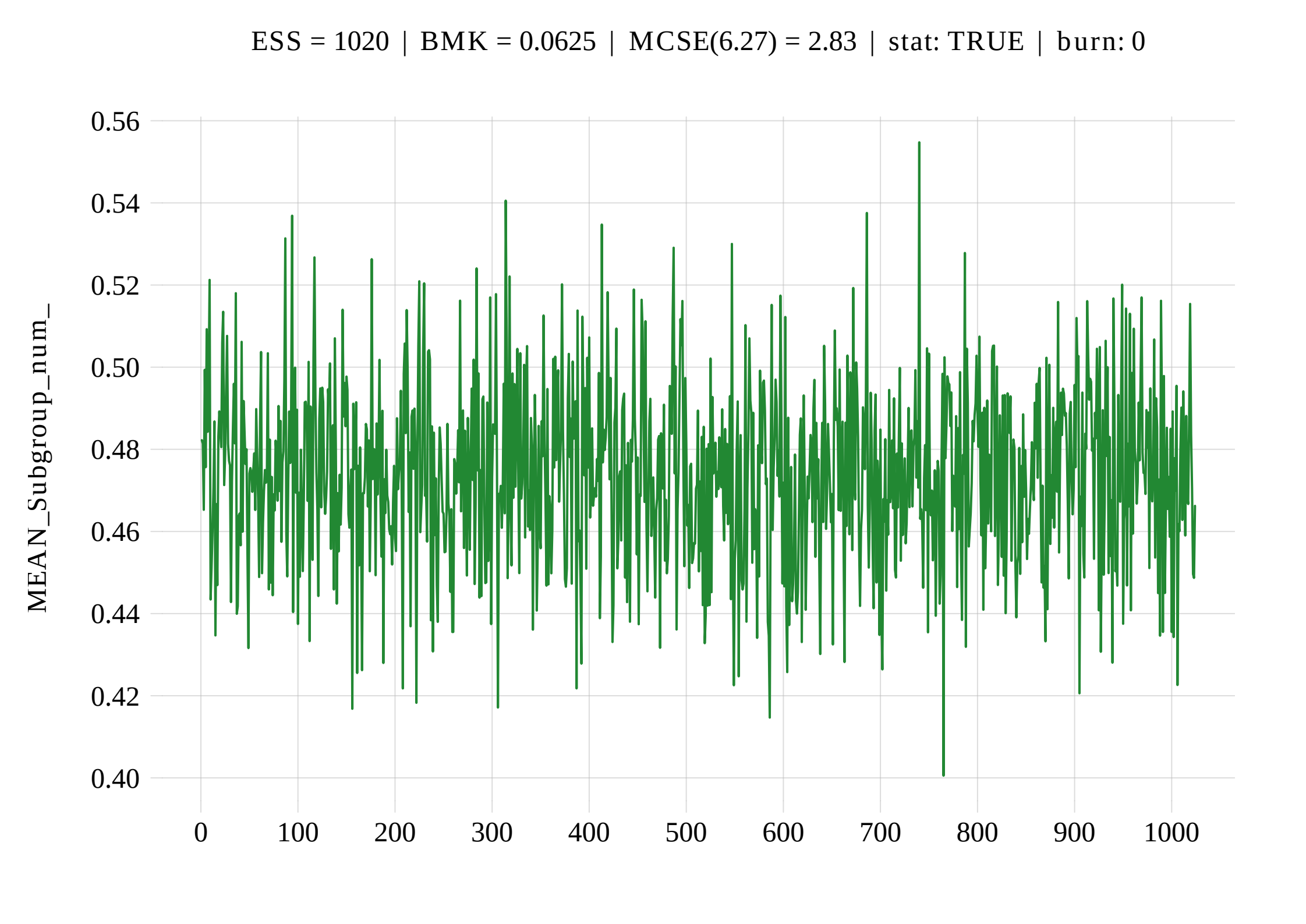

ESS = 1020 | BMK = 0.0632 | MCSE(6.27) = 2.78 | stat: TRUE | burn: 0
MEAN_TRAASCOR_neuro
44.5
44.0
43.5
43.0
42.5
42.0
41.5
41.0
40.5
0
100
200
300
400
500
600
700
800
900
1000

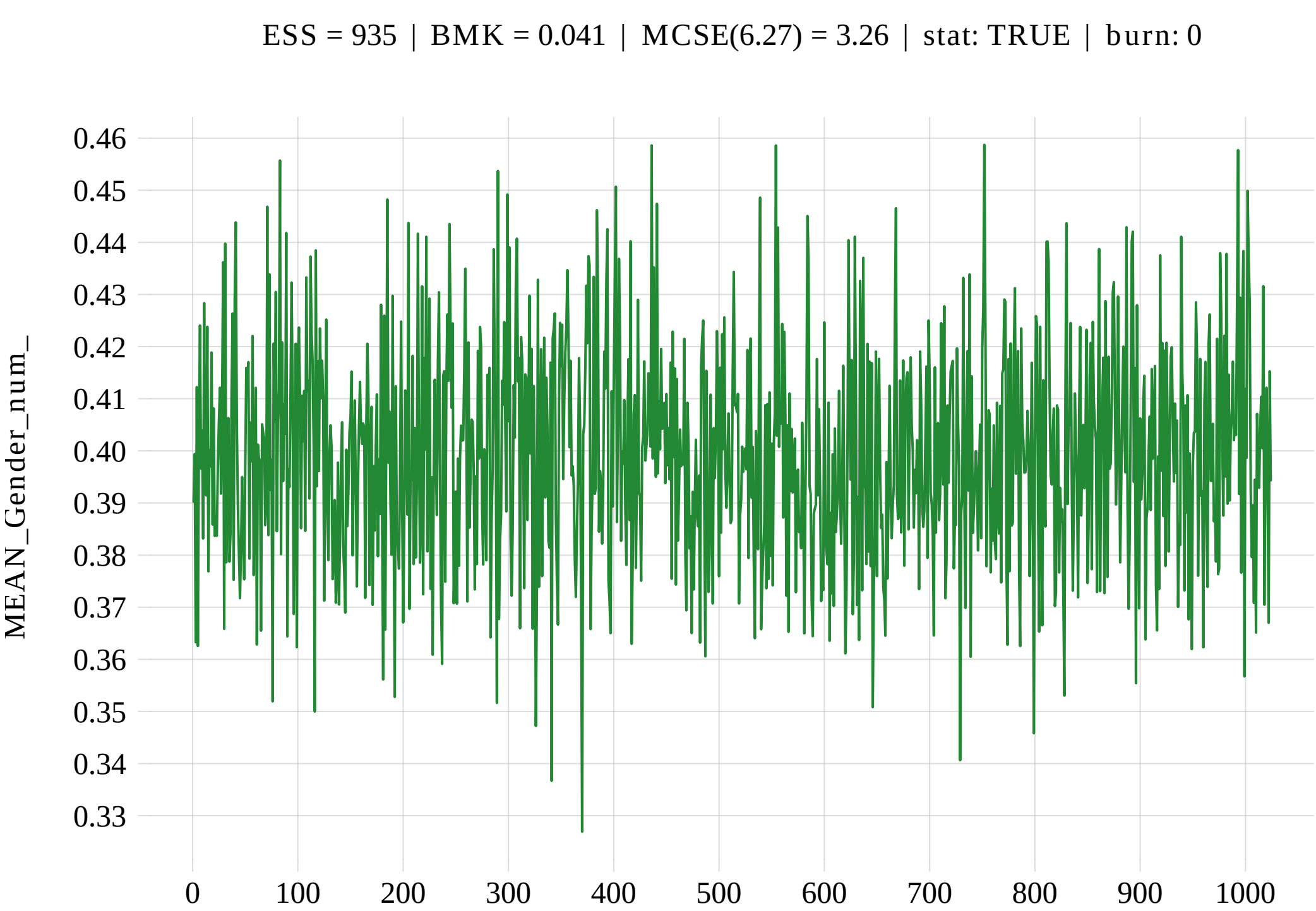

ESS = 1020 | BMK = 0.0459 | MCSE(6.27) = 2.92 | stat: TRUE | burn: 0
MEAN_TRABSCOR_neuro
132
130
128
126
124
122
120
118
116
114
0
100
200
300
400
500
600
700
800
900
1000

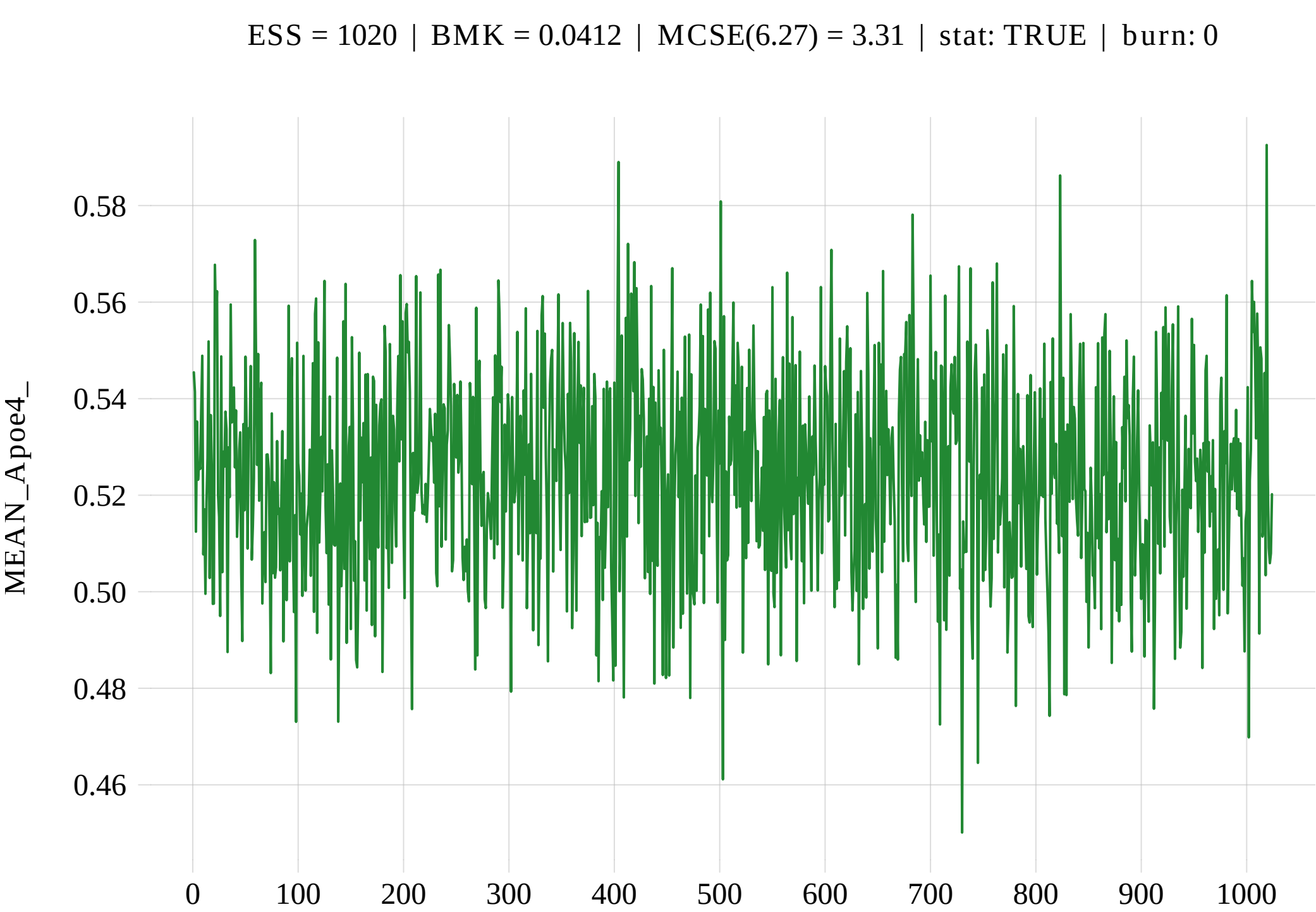

ESS = 1020 | BMK = 0.0498 | MCSE(6.27) = 4.13 | stat: FALSE | burn: 0
MEAN_CATANIMSC_neuro
17.5
17.4
17.3
17.2
17.1
17.0
16.9
16.8
16.7
16.6
16.5
16.4
16.3
0
100
200
300
400
500
600
700
800
900
1000

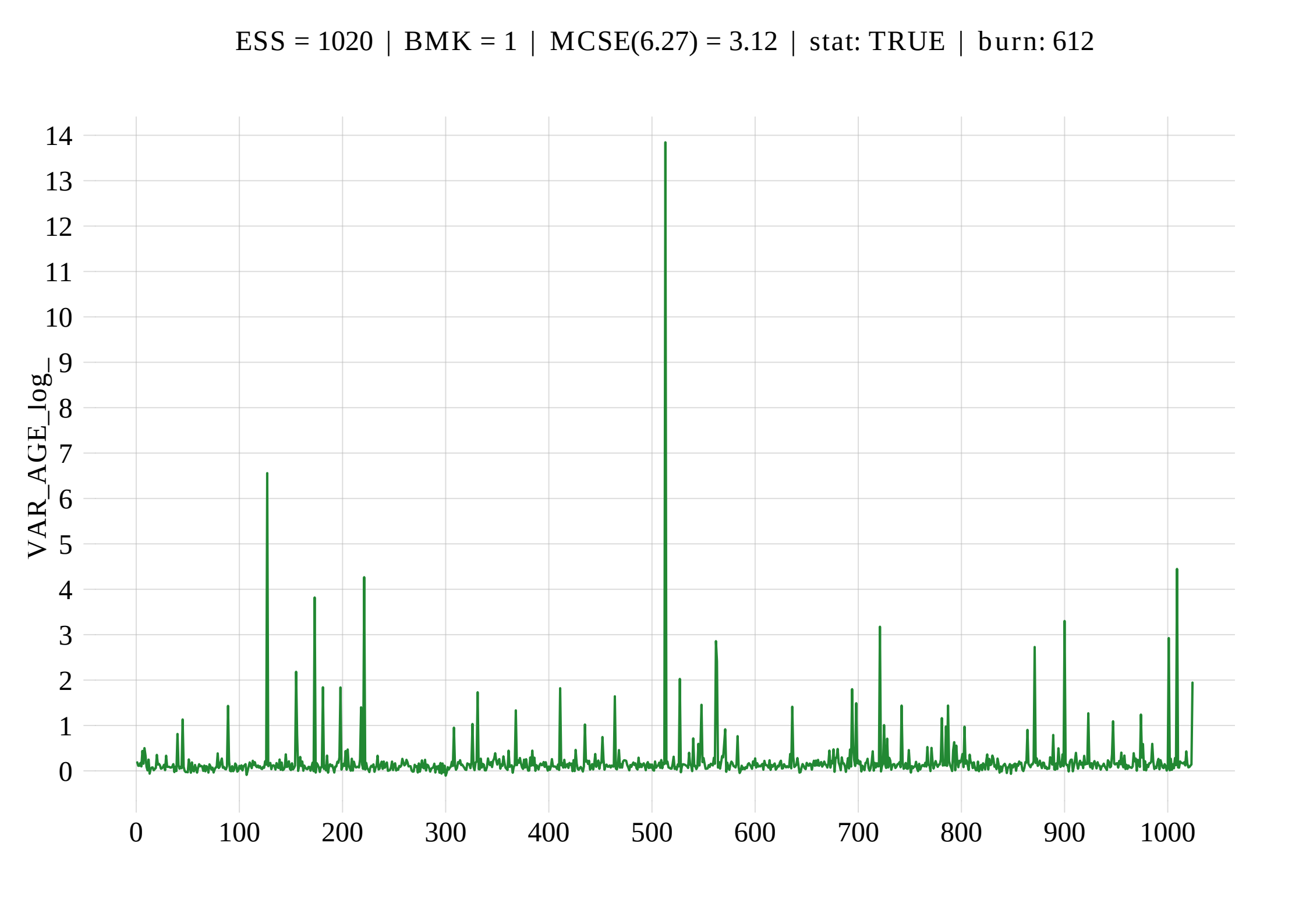

ESS = 785 | BMK = 0.0638 | MCSE(6.27) = 3.5 | stat: FALSE | burn: 0
MEAN_GDTOTAL_gds
1.85
1.80
1.75
1.70
1.65
1.60
0
100
200
300
400
500
600
700
800
900
1000

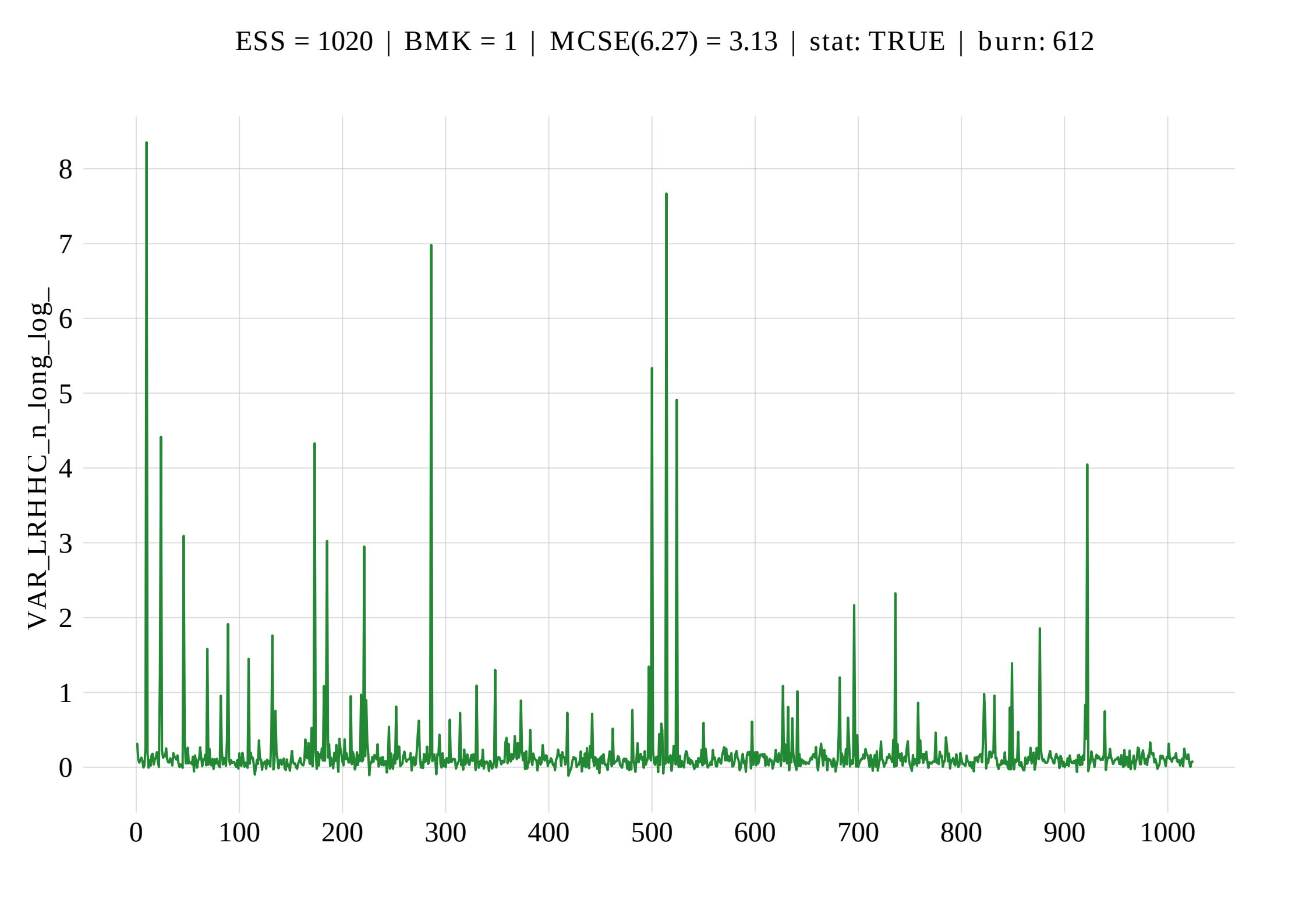

ESS = 1020 | BMK = 0.055 | MCSE(6.27) = 3.04 | stat: TRUE | burn: 0
MEAN_ANARTERR_neuro
14.4
14.2
14.0
13.8
13.6
13.4
13.2
13.0
12.8
12.6
12.4
12.2
0
100
200
300
400
500
600
700
800
900
1000

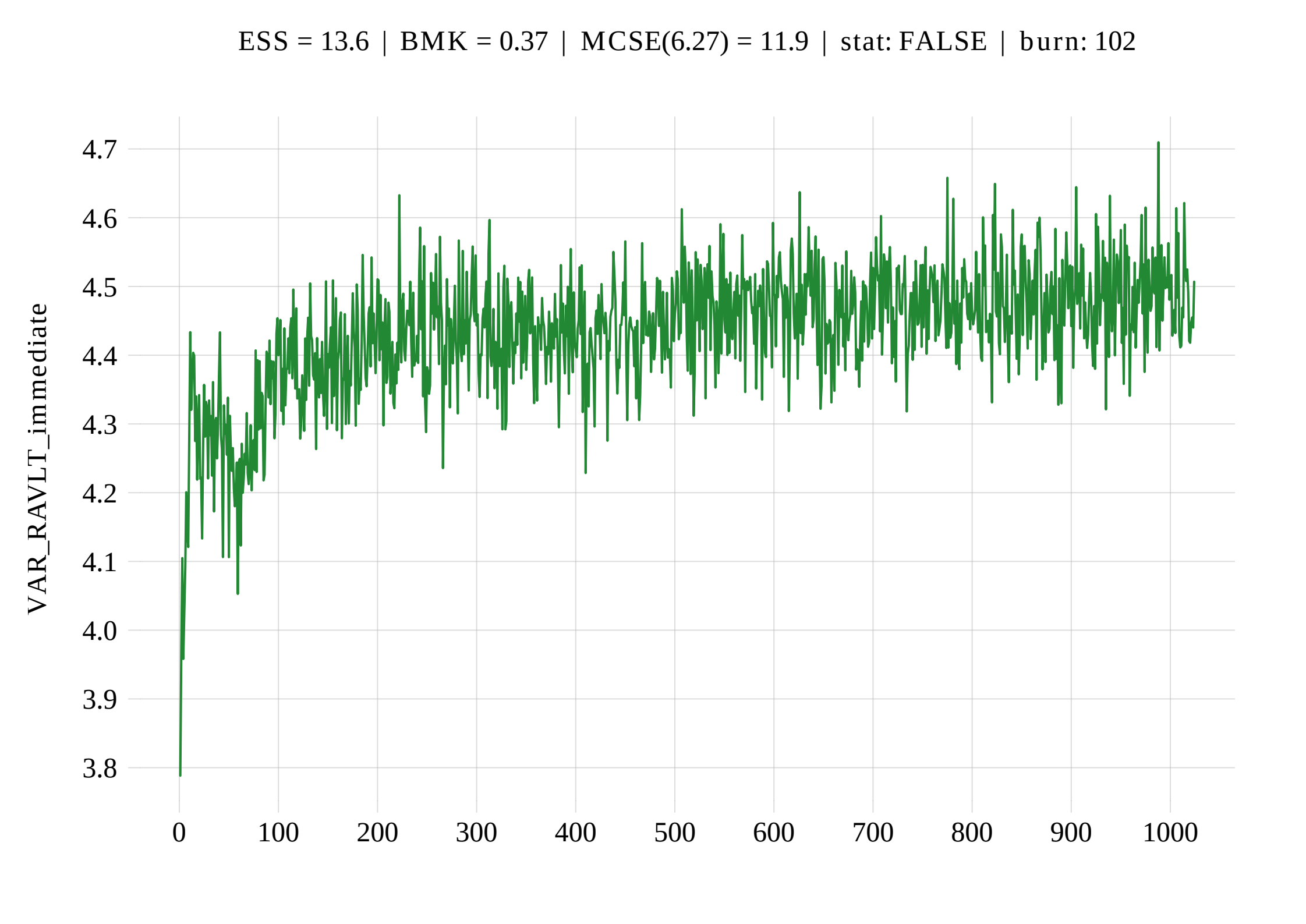

ESS = 1020 | BMK = 0.0625 | MCSE(6.27) = 2.83 | stat: TRUE | burn: 0
MEAN_Subgroup_num_
0.56
0.54
0.52
0.50
0.48
0.46
0.44
0.42
0.40
0
100
200
300
400
500
600
700
800
900
1000

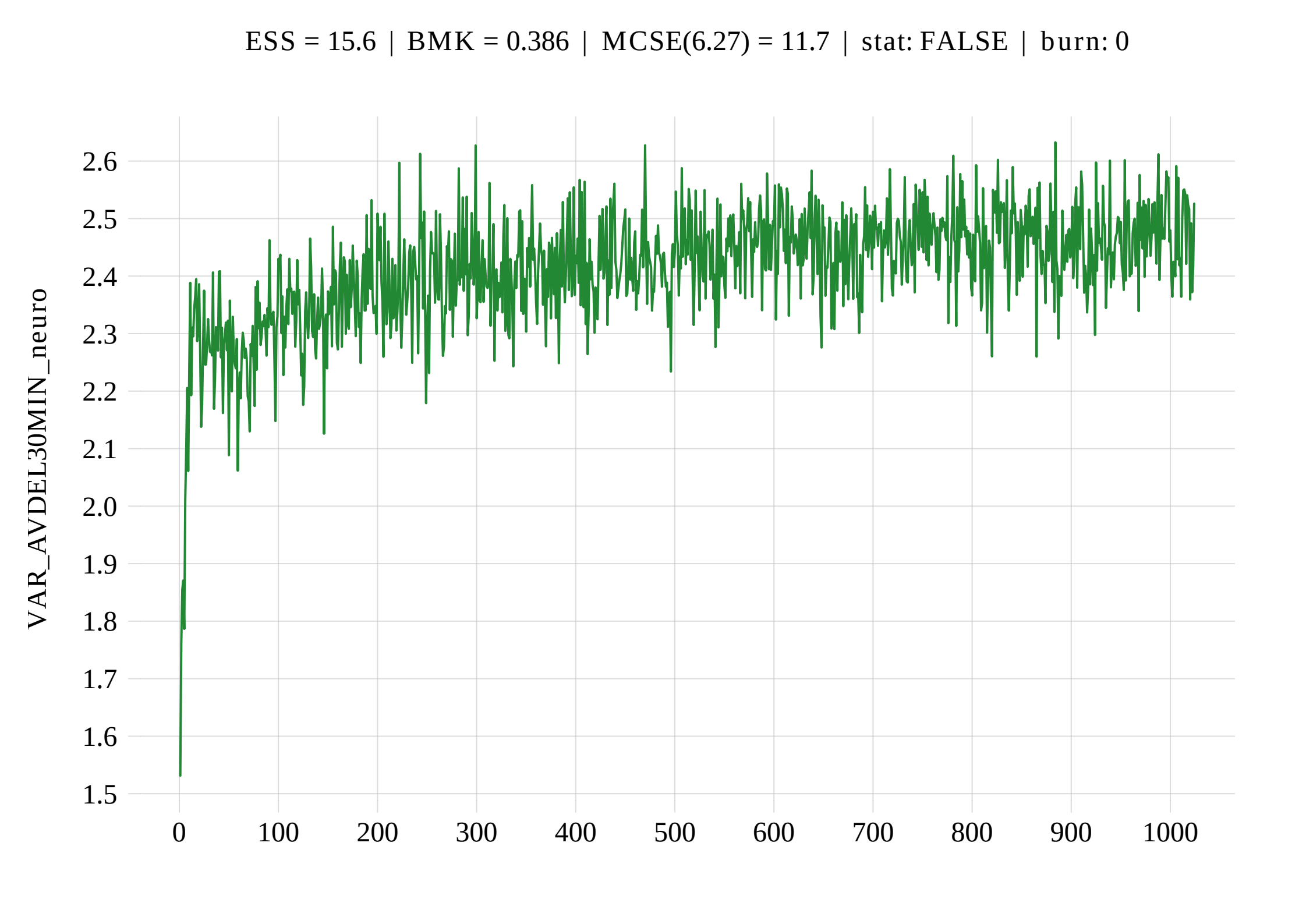

ESS = 935 | BMK = 0.041 | MCSE(6.27) = 3.26 | stat: TRUE | burn: 0
MEAN_Gender_num_
0.46
0.45
0.44
0.43
0.42
0.41
0.40
0.39
0.38
0.37
0.36
0.35
0.34
0.33
0
100
200
300
400
500
600
700
800
900
1000

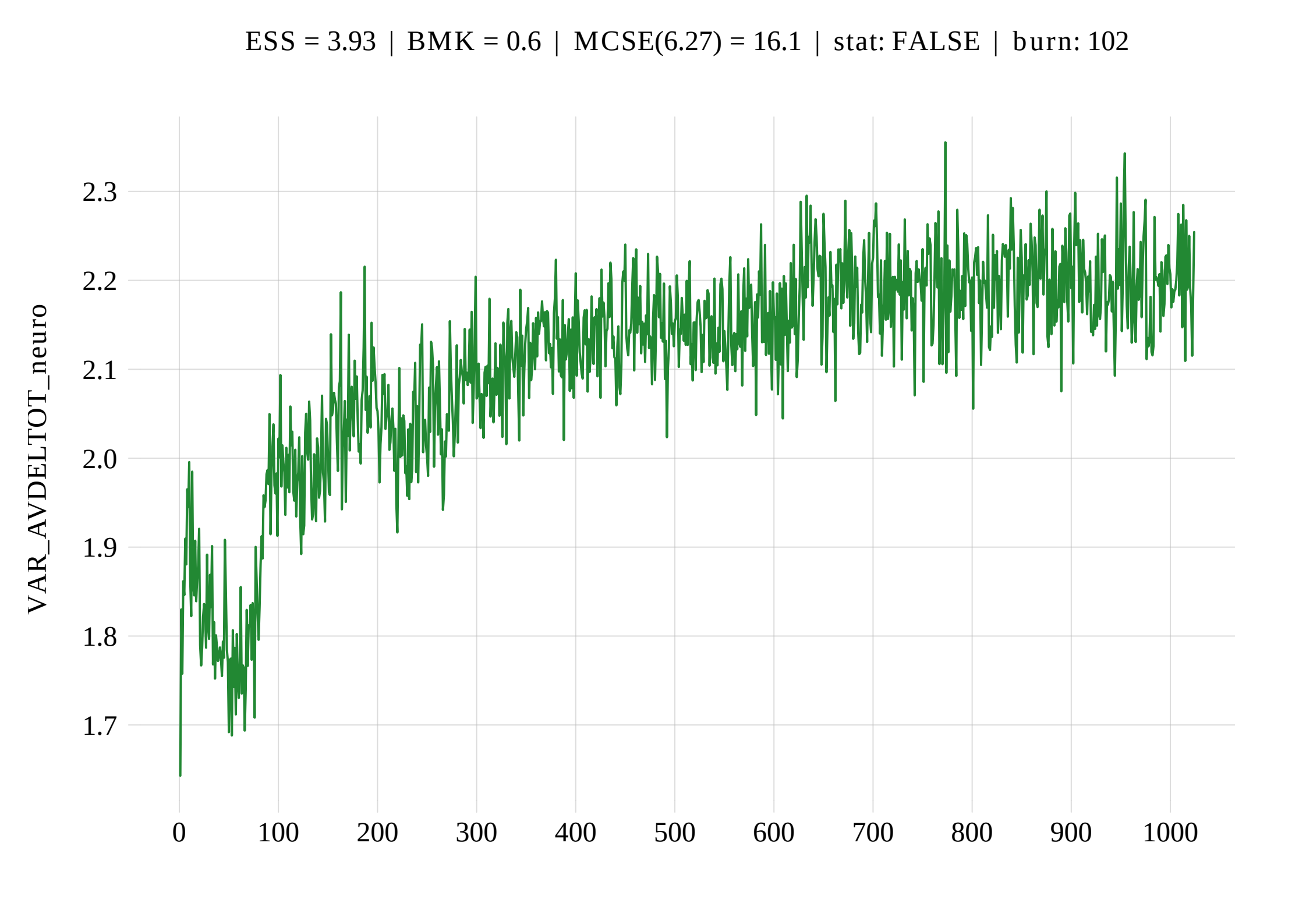

ESS = 1020 | BMK = 0.0412 | MCSE(6.27) = 3.31 | stat: TRUE | burn: 0
MEAN_Apoe4_
0.58
0.56
0.54
0.52
0.50
0.48
0.46
0
100
200
300
400
500
600
700
800
900
1000

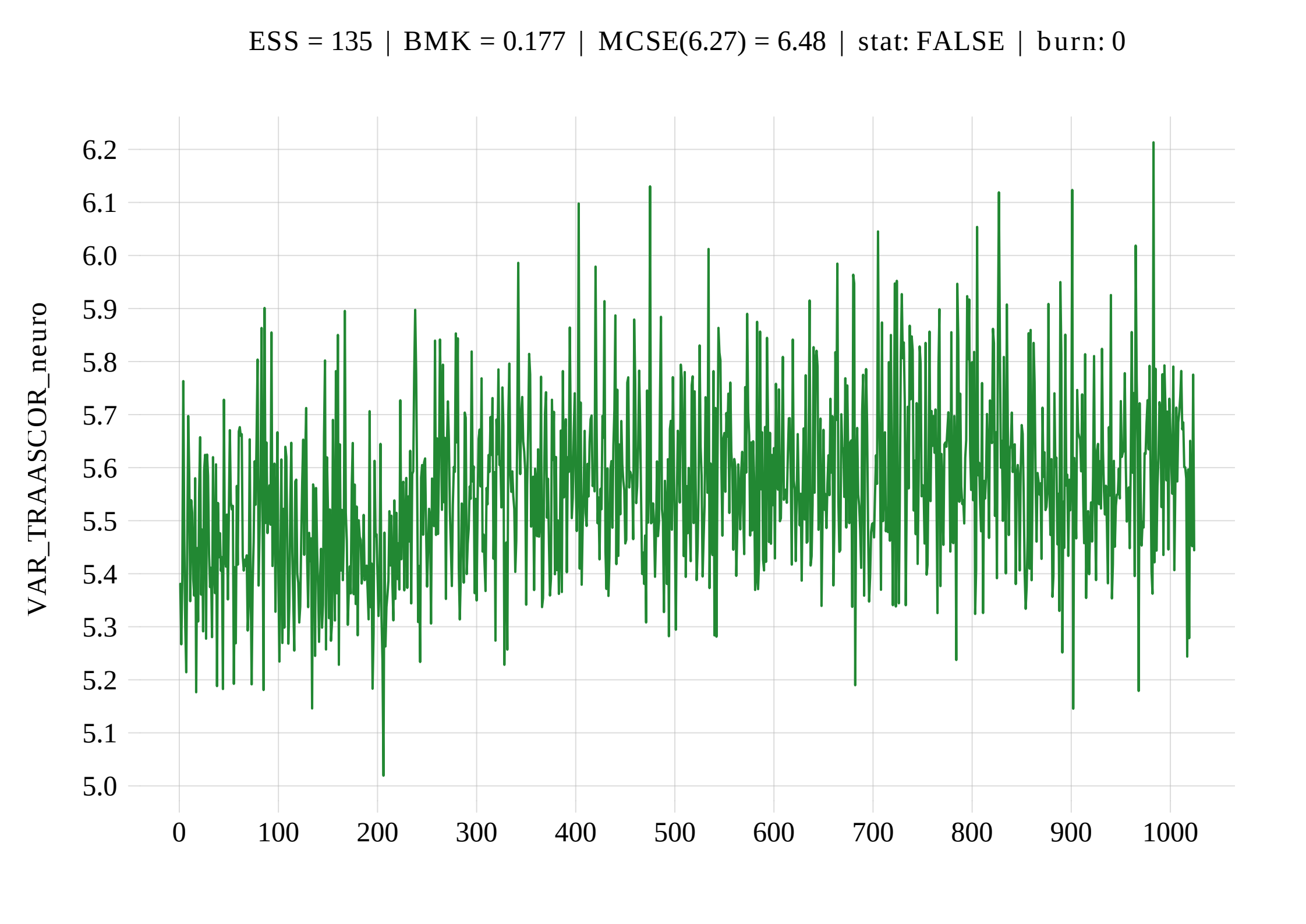

ESS = 1020 | BMK = 1 | MCSE(6.27) = 3.12 | stat: TRUE | burn: 612
VAR_AGE_log_
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0
100
200
300
400
500
600
700
800
900
1000

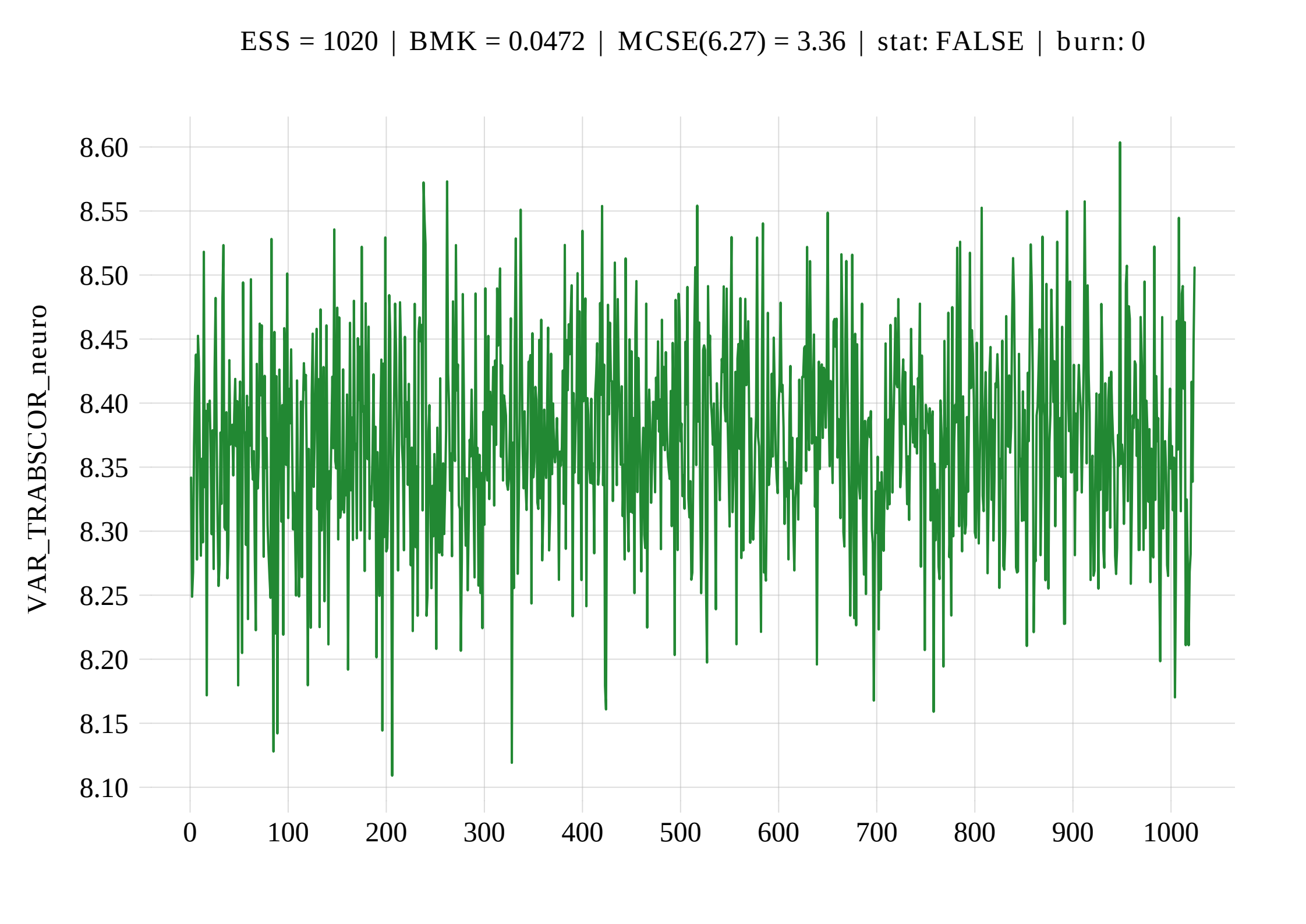

ESS = 1020 | BMK = 1 | MCSE(6.27) = 3.13 | stat: TRUE | burn: 612
VAR_LRHHC_n_long_log_
0
1
2
3
4
5
6
7
8
0
100
200
300
400
500
600
700
800
900
1000

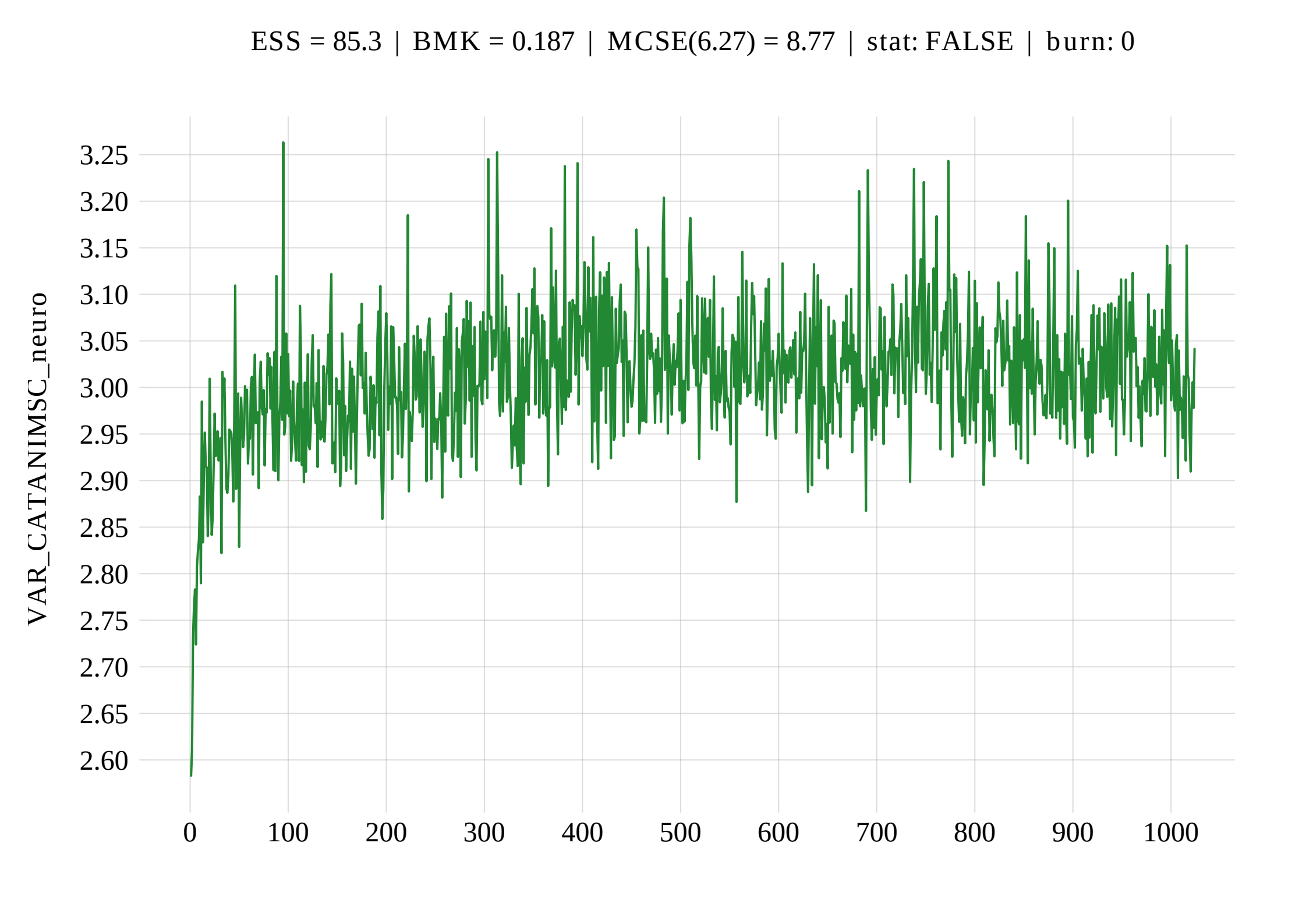

ESS = 13.6 | BMK = 0.37 | MCSE(6.27) = 11.9 | stat: FALSE | burn: 102
VAR_RAVLT_immediate
4.7
4.6
4.5
4.4
4.3
4.2
4.1
4.0
3.9
3.8
0
100
200
300
400
500
600
700
800
900
1000

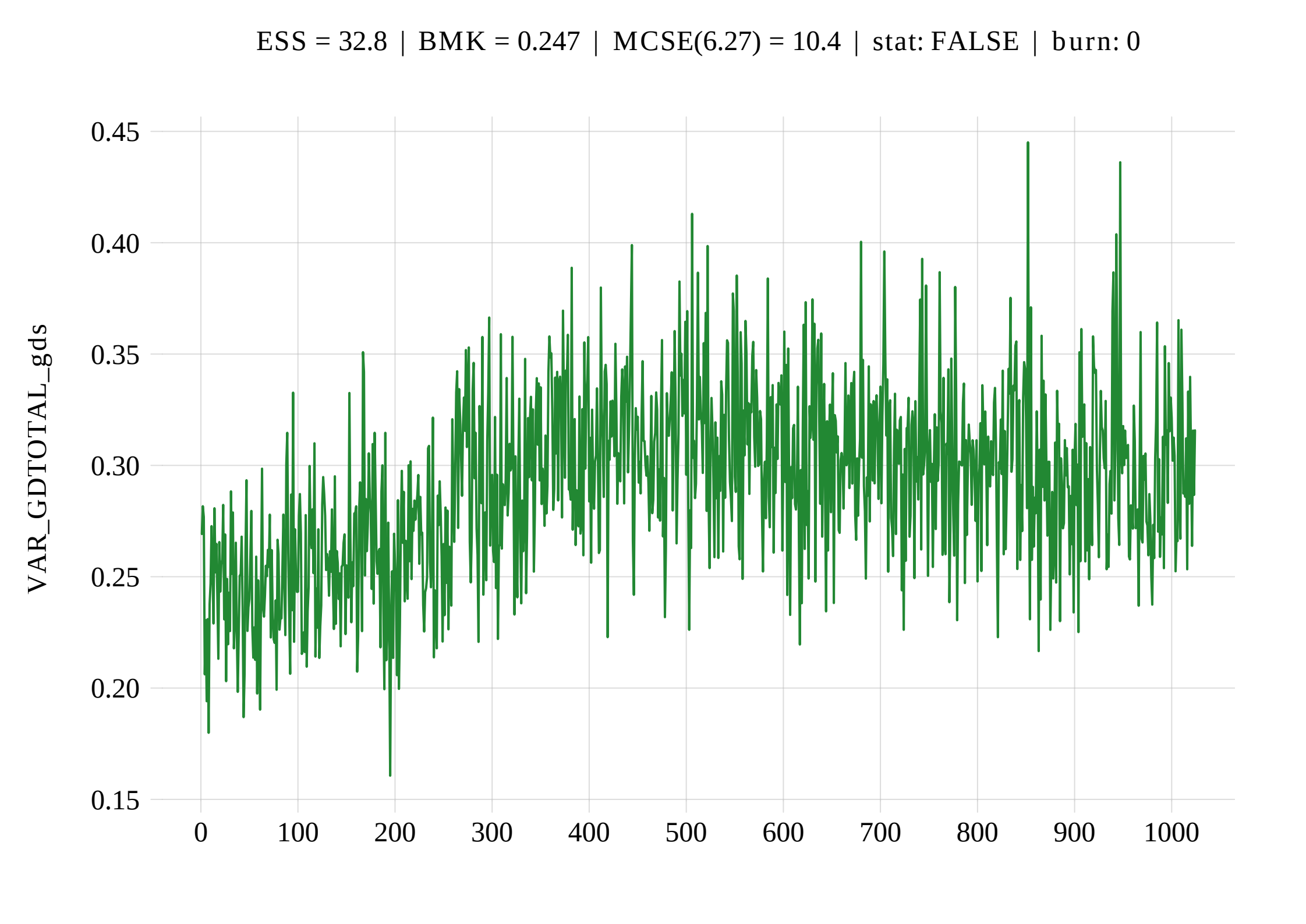

ESS = 15.6 | BMK = 0.386 | MCSE(6.27) = 11.7 | stat: FALSE | burn: 0
VAR_AVDEL30MIN_neuro
2.6
2.5
2.4
2.3
2.2
2.1
2.0
1.9
1.8
1.7
1.6
1.5
0
100
200
300
400
500
600
700
800
900
1000

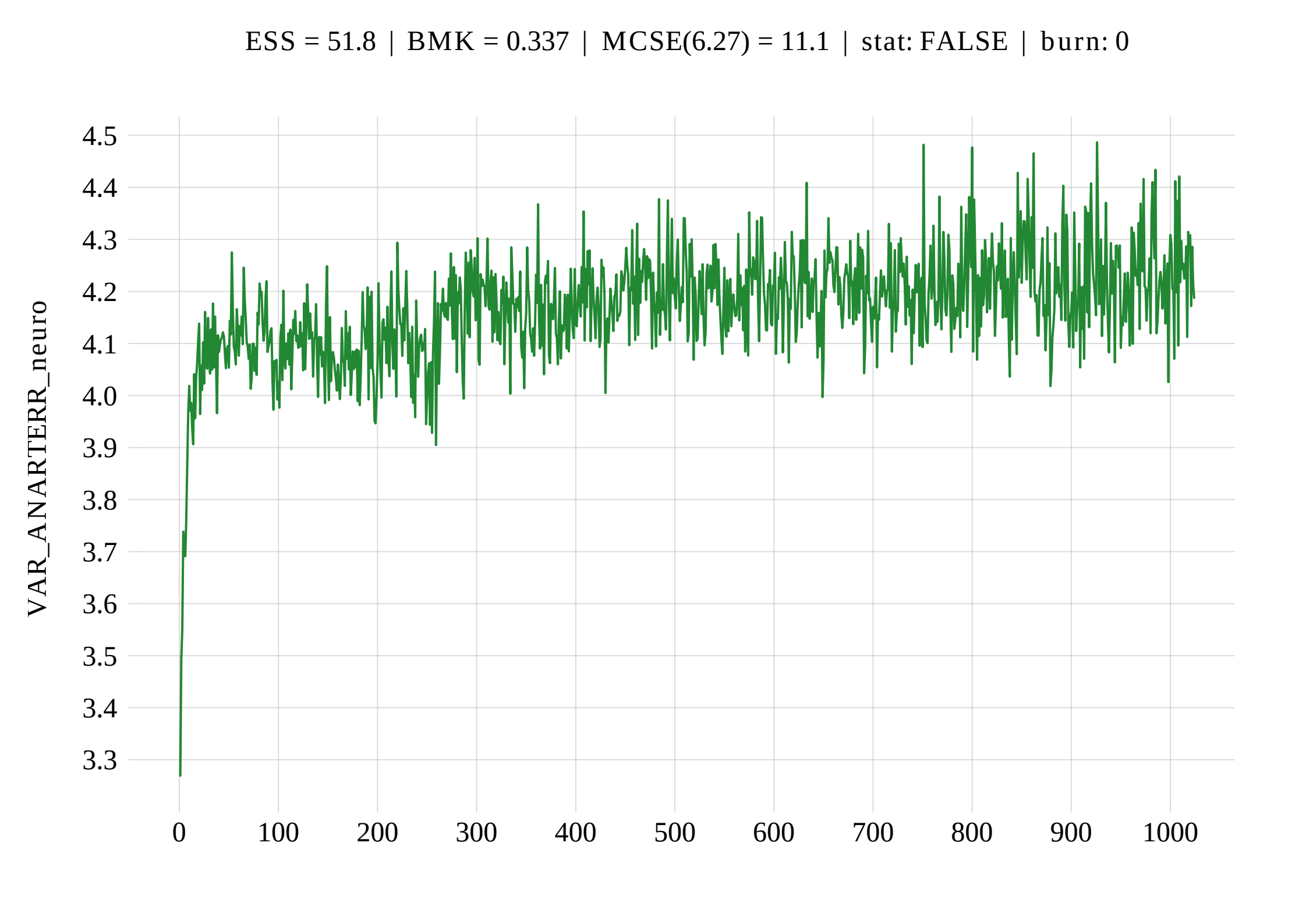

ESS = 3.93 | BMK = 0.6 | MCSE(6.27) = 16.1 | stat: FALSE | burn: 102
VAR_AVDELTOT_neuro
2.3
2.2
2.1
2.0
1.9
1.8
1.7
0
100
200
300
400
500
600
700
800
900
1000

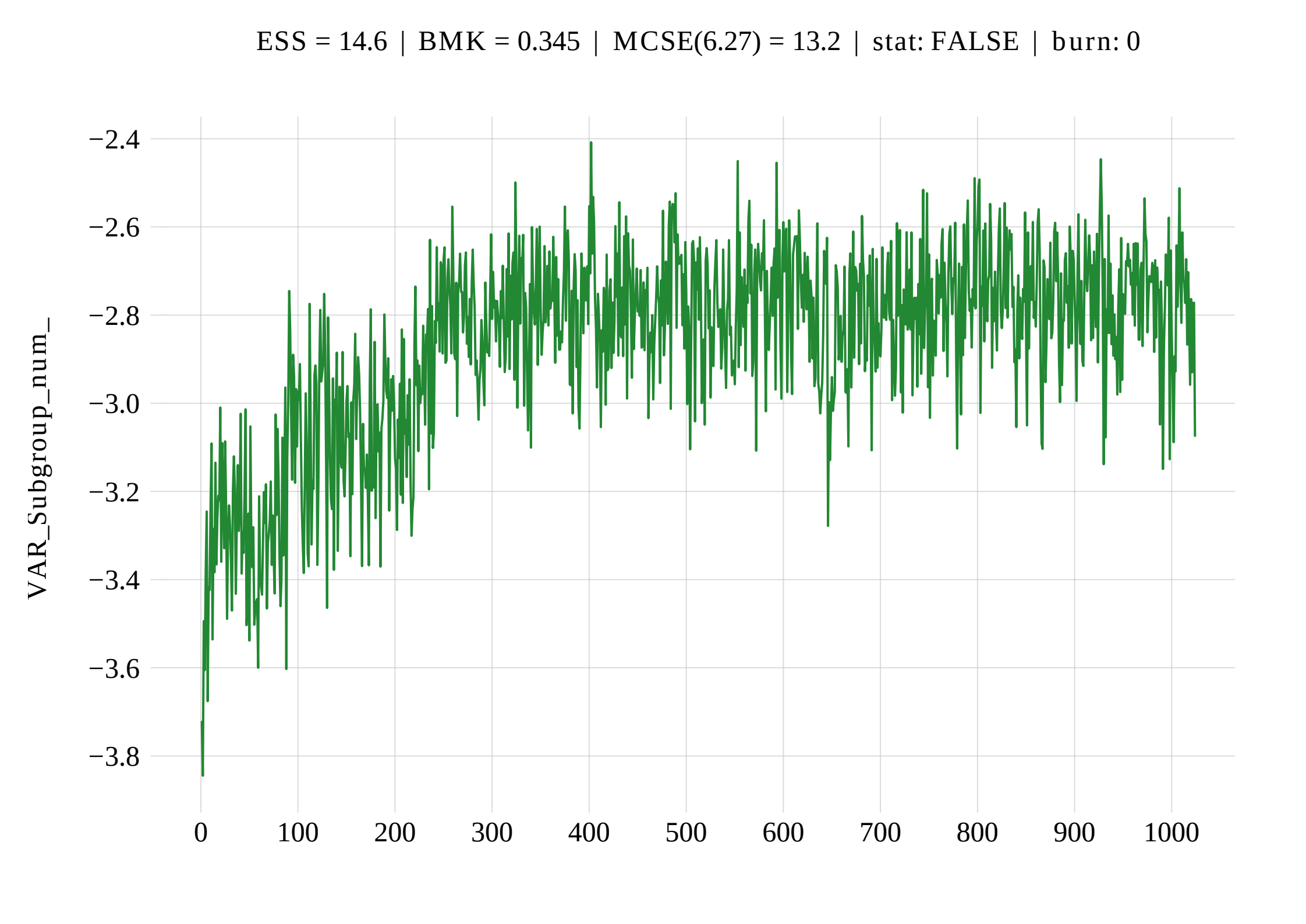

ESS = 135 | BMK = 0.177 | MCSE(6.27) = 6.48 | stat: FALSE | burn: 0
VAR_TRAASCOR_neuro
6.2
6.1
6.0
5.9
5.8
5.7
5.6
5.5
5.4
5.3
5.2
5.1
5.0
0
100
200
300
400
500
600
700
800
900
1000

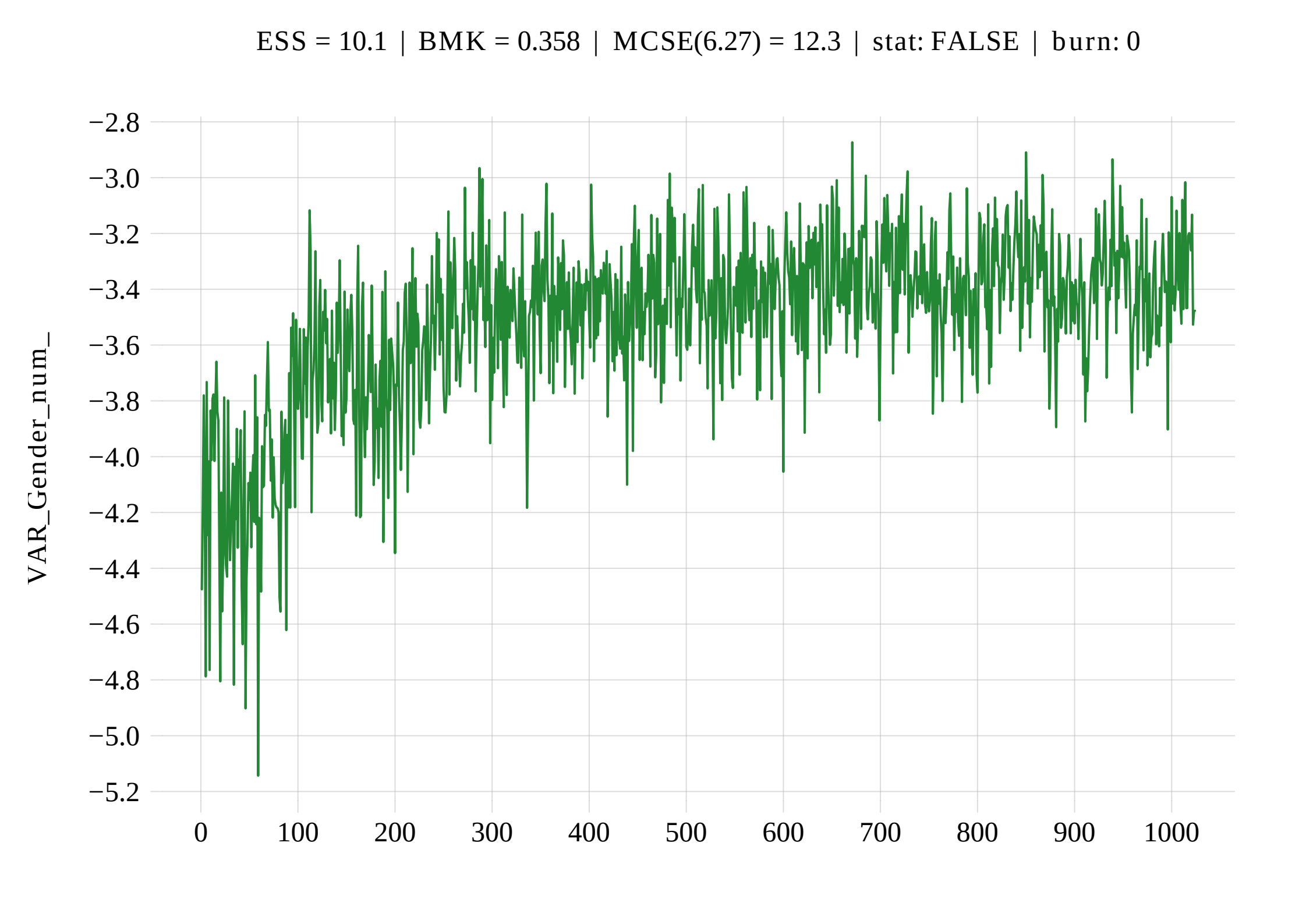

ESS = 1020 | BMK = 0.0472 | MCSE(6.27) = 3.36 | stat: FALSE | burn: 0
VAR_TRABSCOR_neuro
8.60
8.55
8.50
8.45
8.40
8.35
8.30
8.25
8.20
8.15
8.10
0
100
200
300
400
500
600
700
800
900
1000

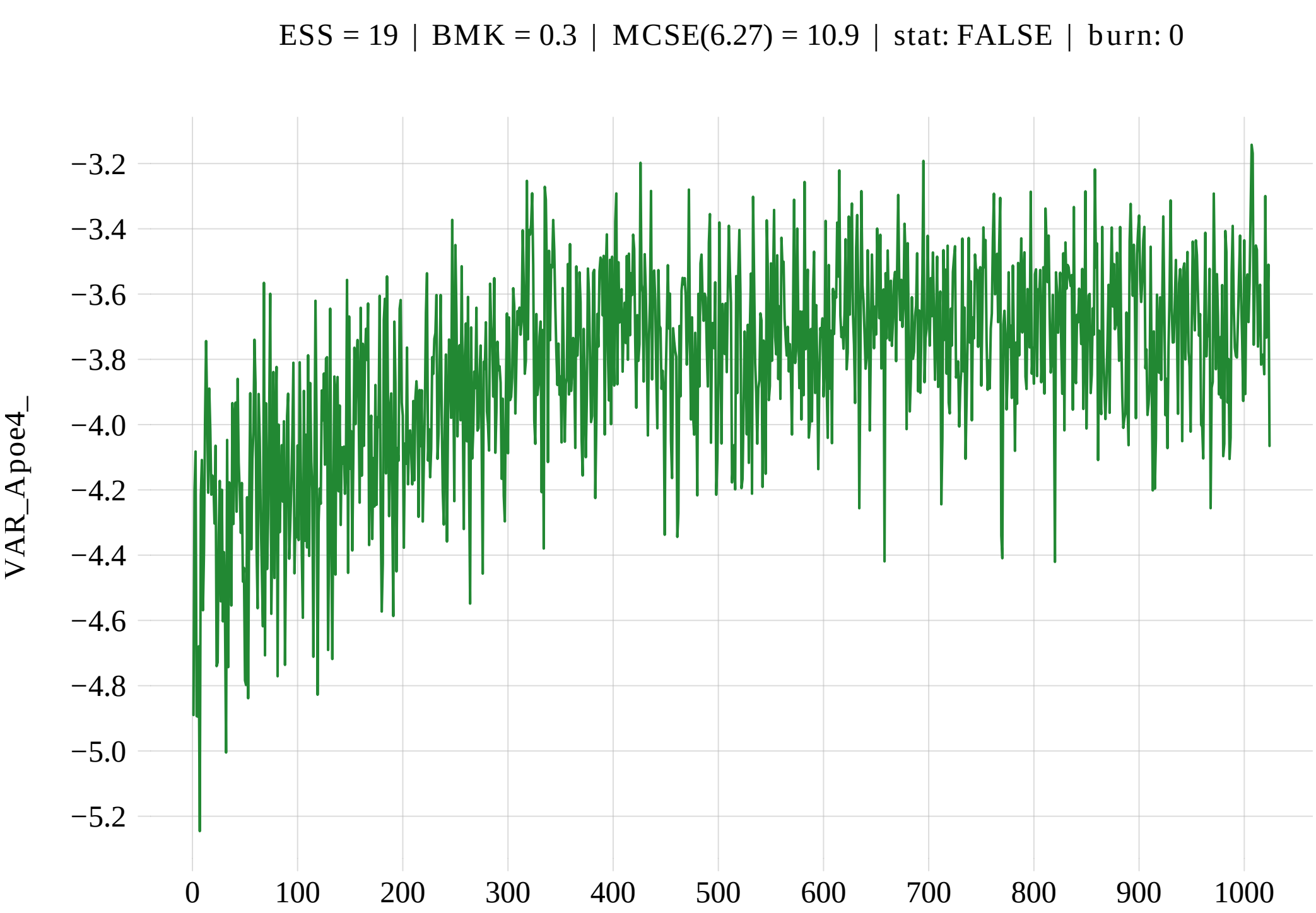

ESS = 85.3 | BMK = 0.187 | MCSE(6.27) = 8.77 | stat: FALSE | burn: 0
VAR_CATANIMSC_neuro
3.25
3.20
3.15
3.10
3.05
3.00
2.95
2.90
2.85
2.80
2.75
2.70
2.65
2.60
0
100
200
300
400
500
600
700
800
900
1000

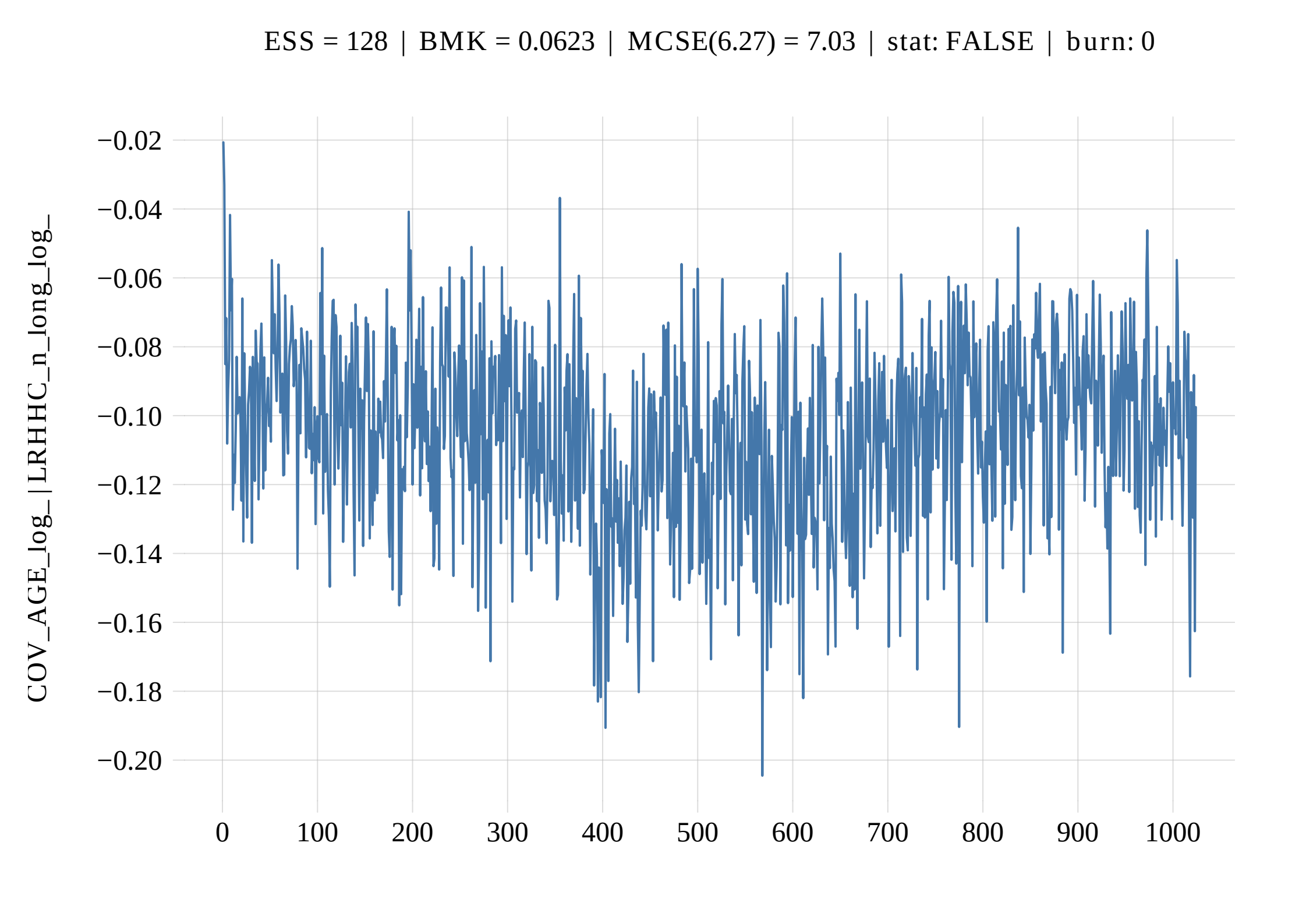

ESS = 32.8 | BMK = 0.247 | MCSE(6.27) = 10.4 | stat: FALSE | burn: 0
VAR_GDTOTAL_gds
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0
100
200
300
400
500
600
700
800
900
1000

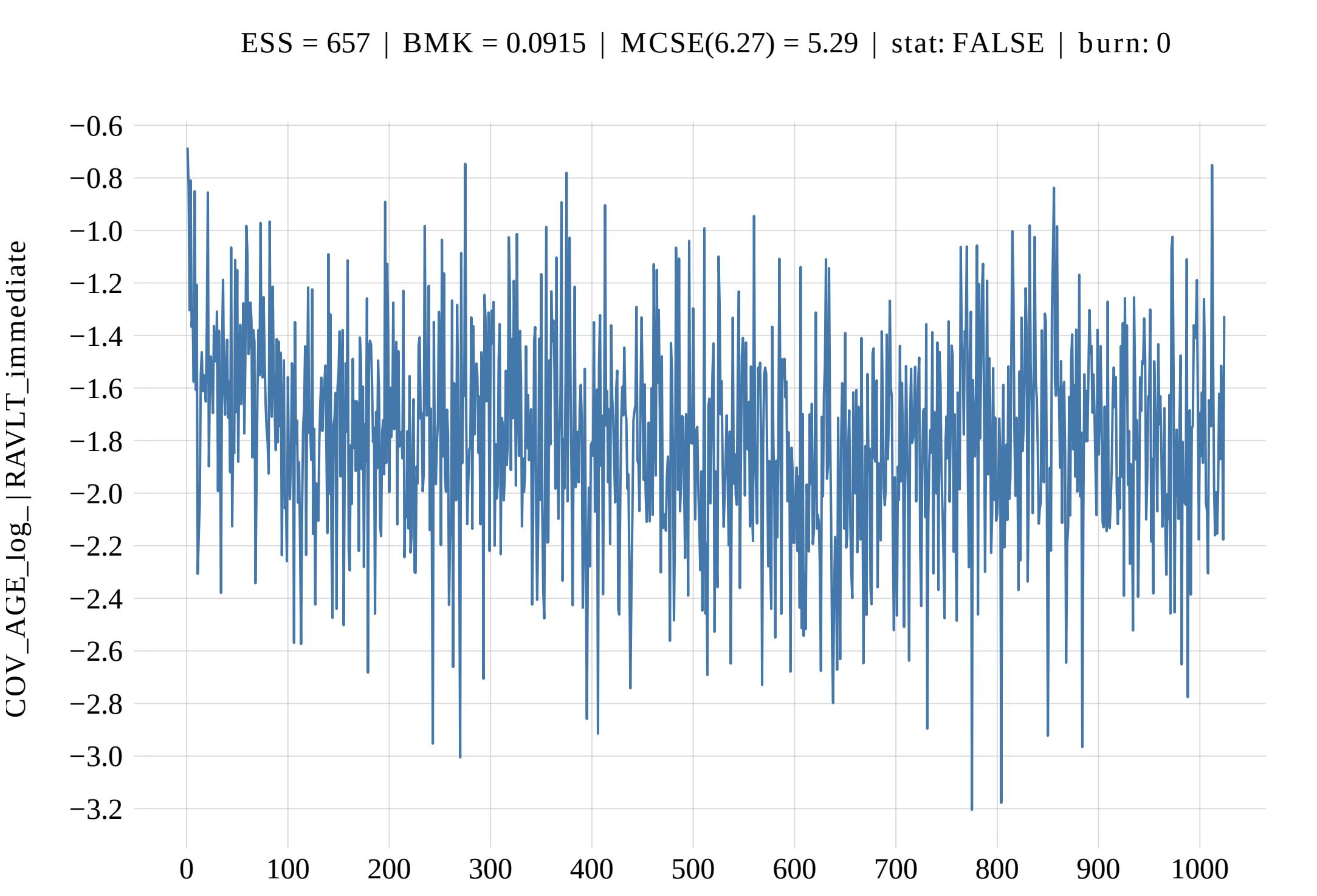

ESS = 51.8 | BMK = 0.337 | MCSE(6.27) = 11.1 | stat: FALSE | burn: 0
VAR_ANARTERR_neuro
4.5
4.4
4.3
4.2
4.1
4.0
3.9
3.8
3.7
3.6
3.5
3.4
3.3
0
100
200
300
400
500
600
700
800
900
1000

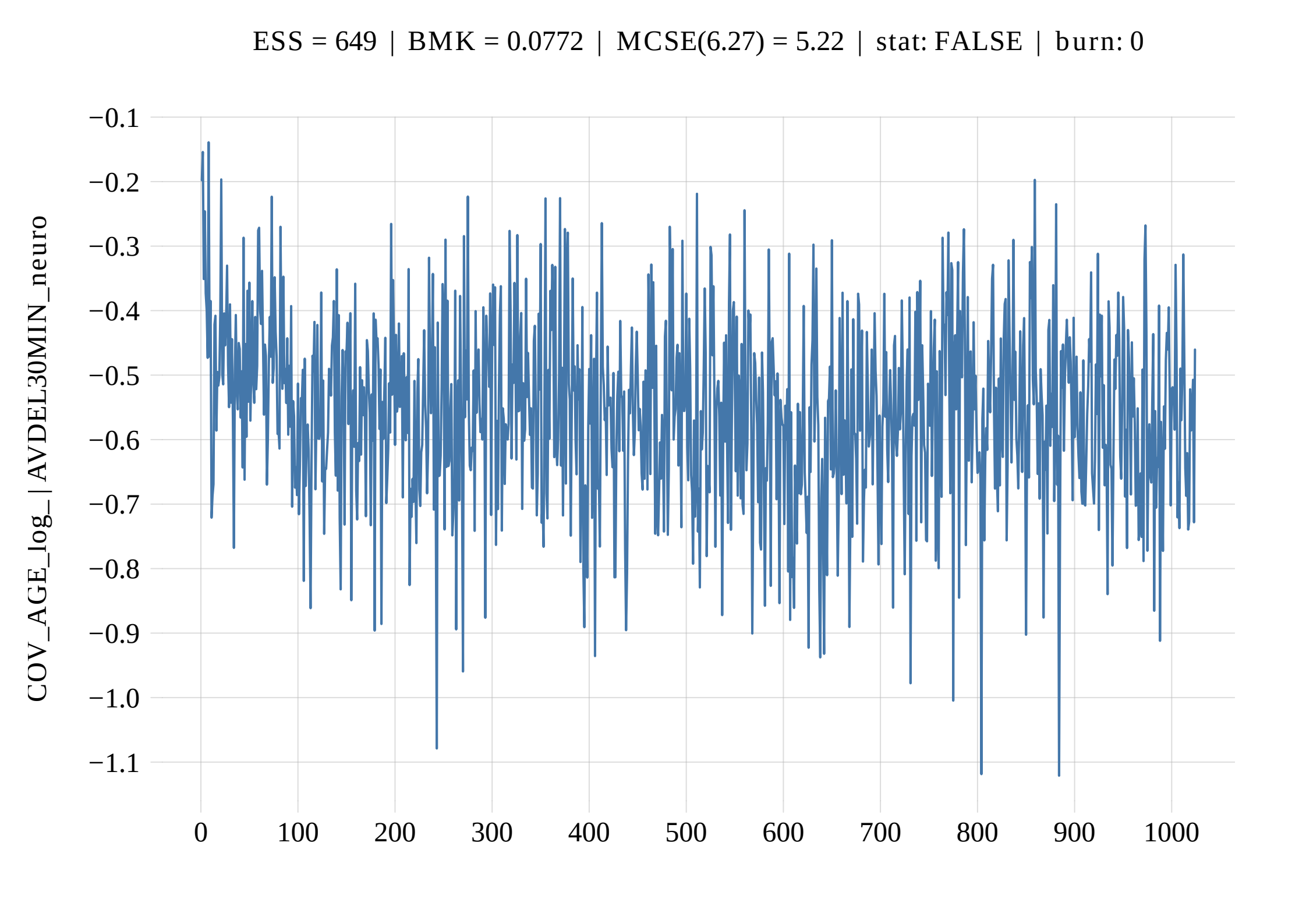

ESS = 14.6 | BMK = 0.345 | MCSE(6.27) = 13.2 | stat: FALSE | burn: 0
VAR_Subgroup_num_
−2.4
−2.6
−2.8
−3.0
−3.2
−3.4
−3.6
−3.8
0
100
200
300
400
500
600
700
800
900
1000

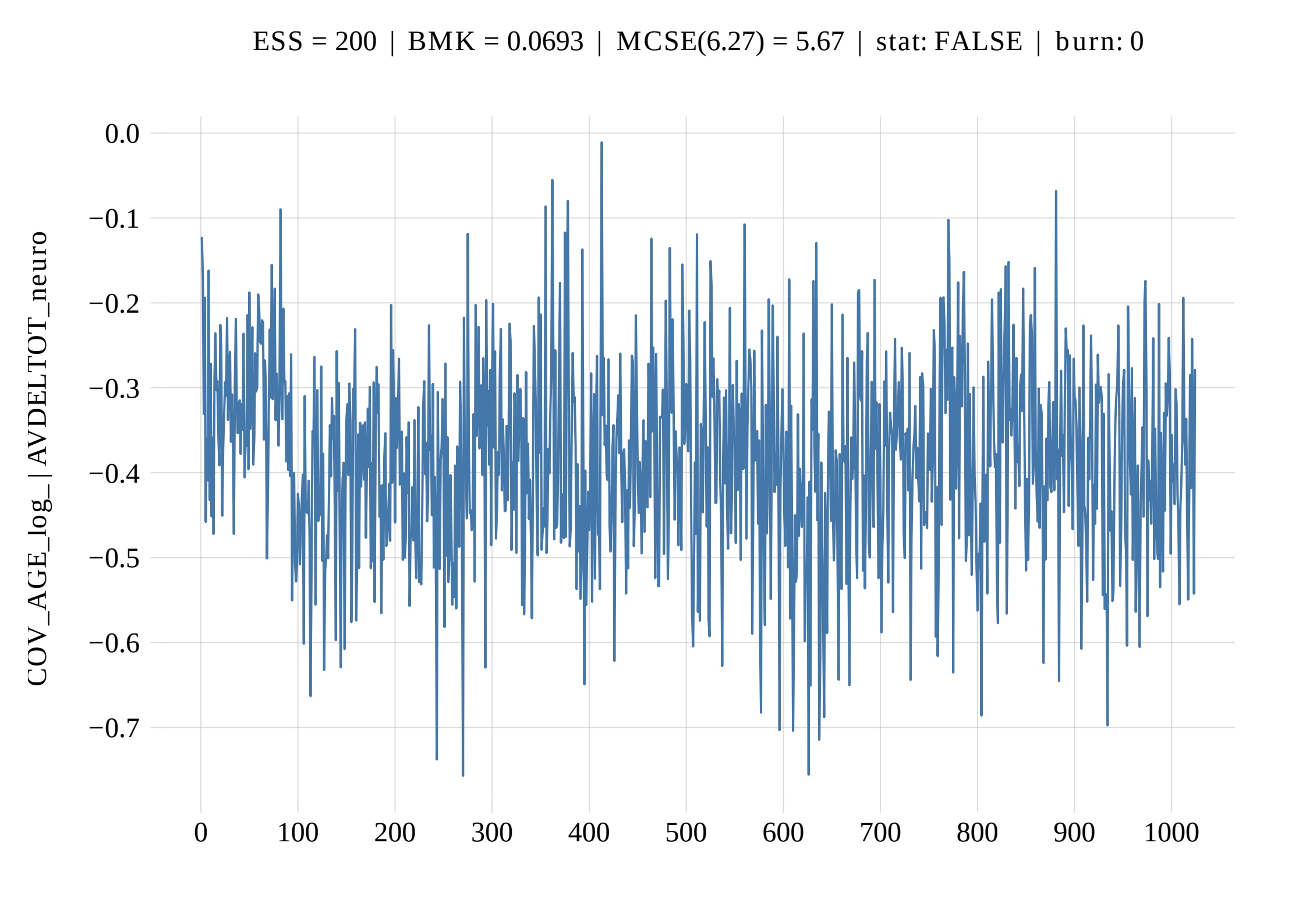

ESS = 10.1 | BMK = 0.358 | MCSE(6.27) = 12.3 | stat: FALSE | burn: 0
VAR_Gender_num_
−2.8
−3.0
−3.2
−3.4
−3.6
−3.8
−4.0
−4.2
−4.4
−4.6
−4.8
−5.0
−5.2
0
100
200
300
400
500
600
700
800
900
1000

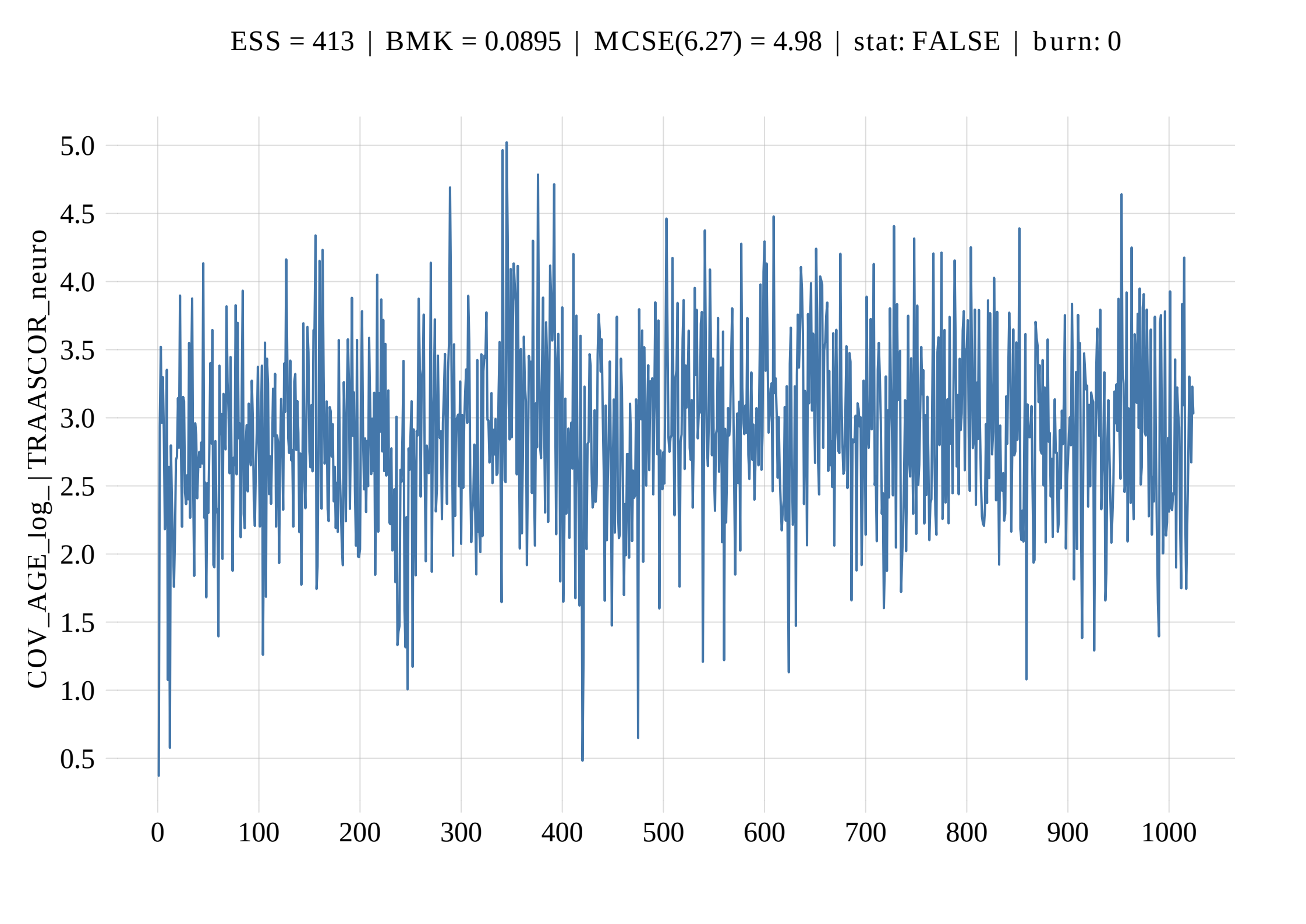

ESS = 19 | BMK = 0.3 | MCSE(6.27) = 10.9 | stat: FALSE | burn: 0
VAR_Apoe4_
−3.2
−3.4
−3.6
−3.8
−4.0
−4.2
−4.4
−4.6
−4.8
−5.0
−5.2
0
100
200
300
400
500
600
700
800
900
1000

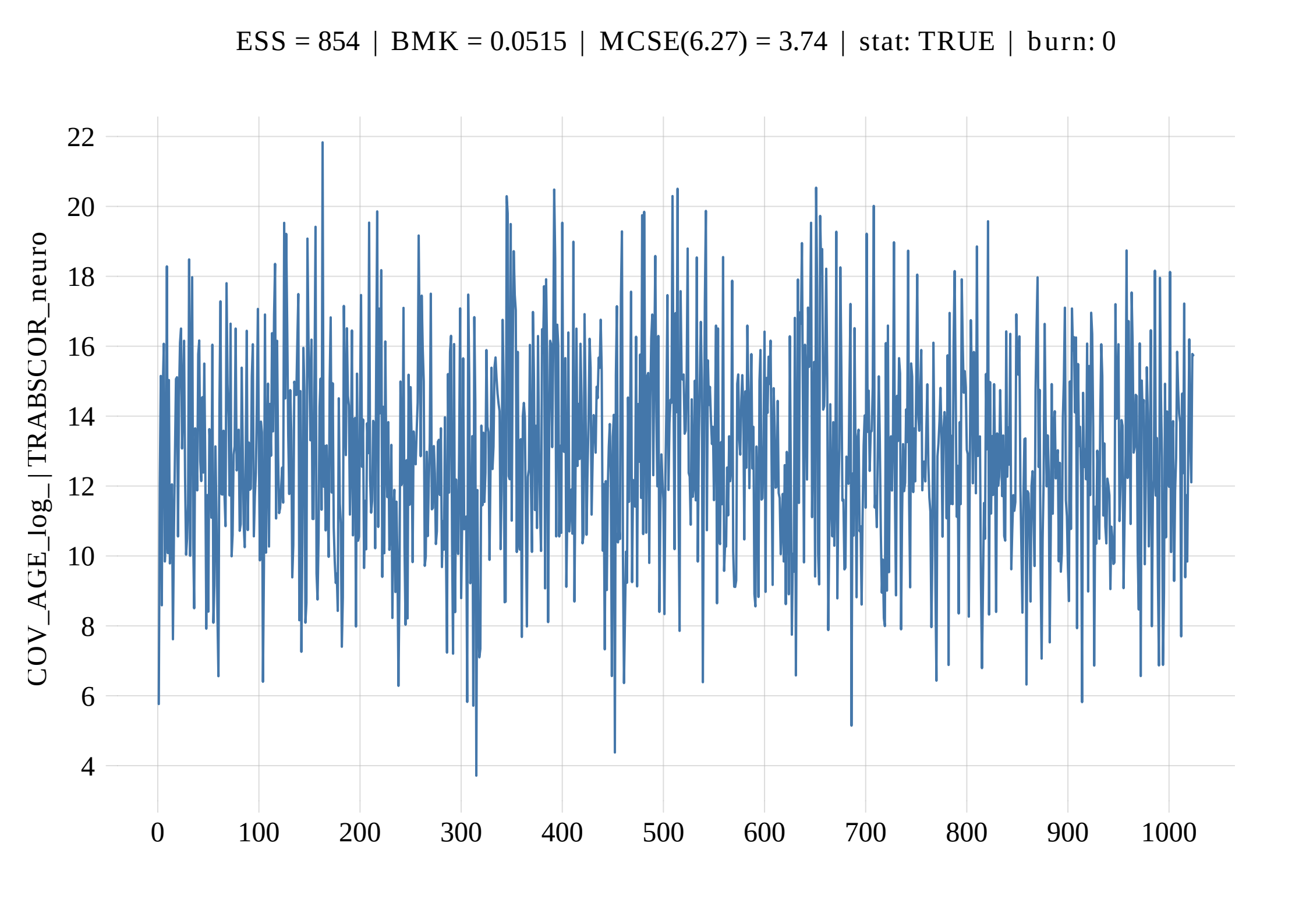

ESS = 128 | BMK = 0.0623 | MCSE(6.27) = 7.03 | stat: FALSE | burn: 0
COV_AGE_log_|LRHHC_n_long_log_
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
−0.16
−0.18
−0.20
0
100
200
300
400
500
600
700
800
900
1000

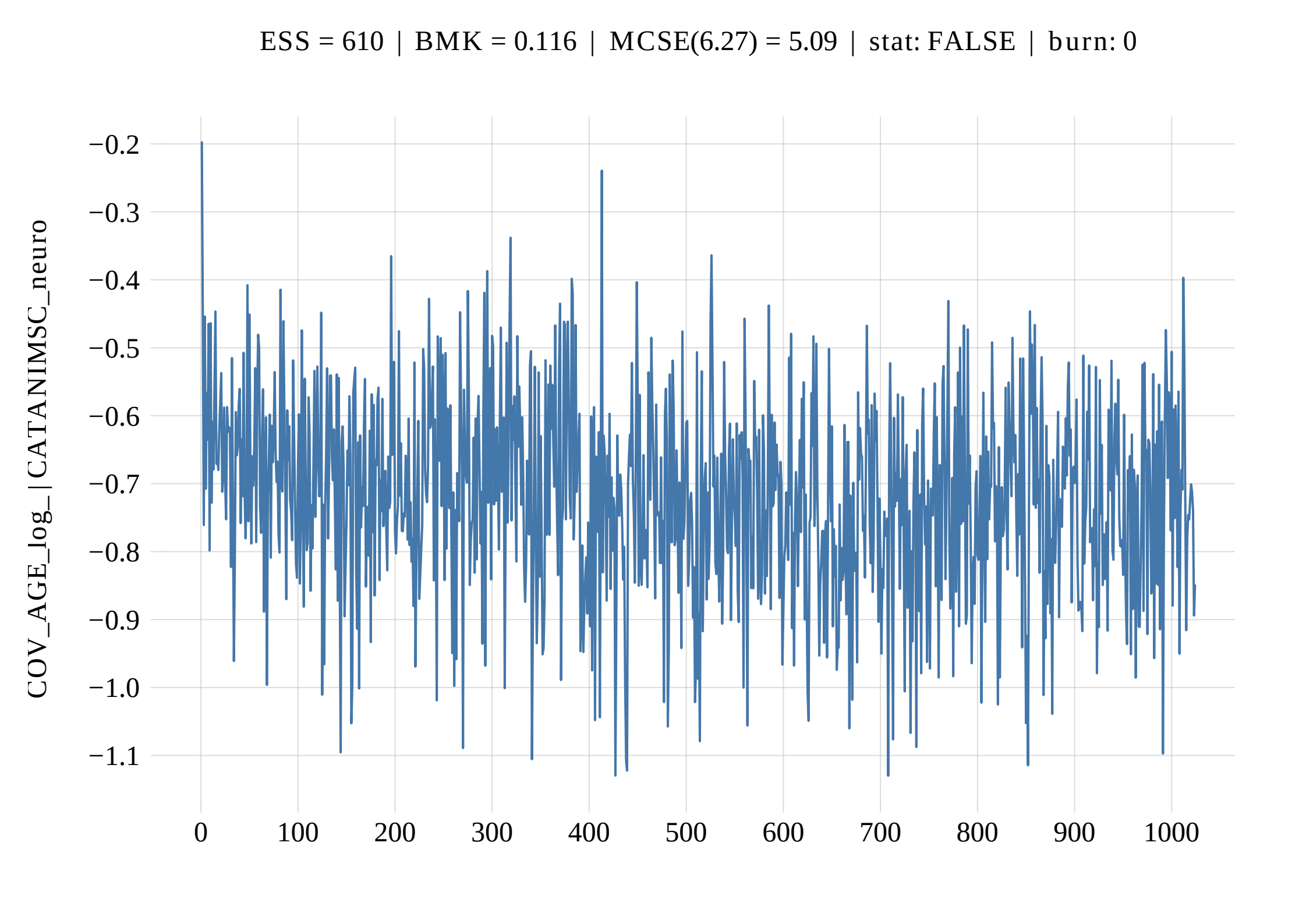

ESS = 657 | BMK = 0.0915 | MCSE(6.27) = 5.29 | stat: FALSE | burn: 0
COV_AGE_log_|RAVLT_immediate
−0.6
−0.8
−1.0
−1.2
−1.4
−1.6
−1.8
−2.0
−2.2
−2.4
−2.6
−2.8
−3.0
−3.2
0
100
200
300
400
500
600
700
800
900
1000

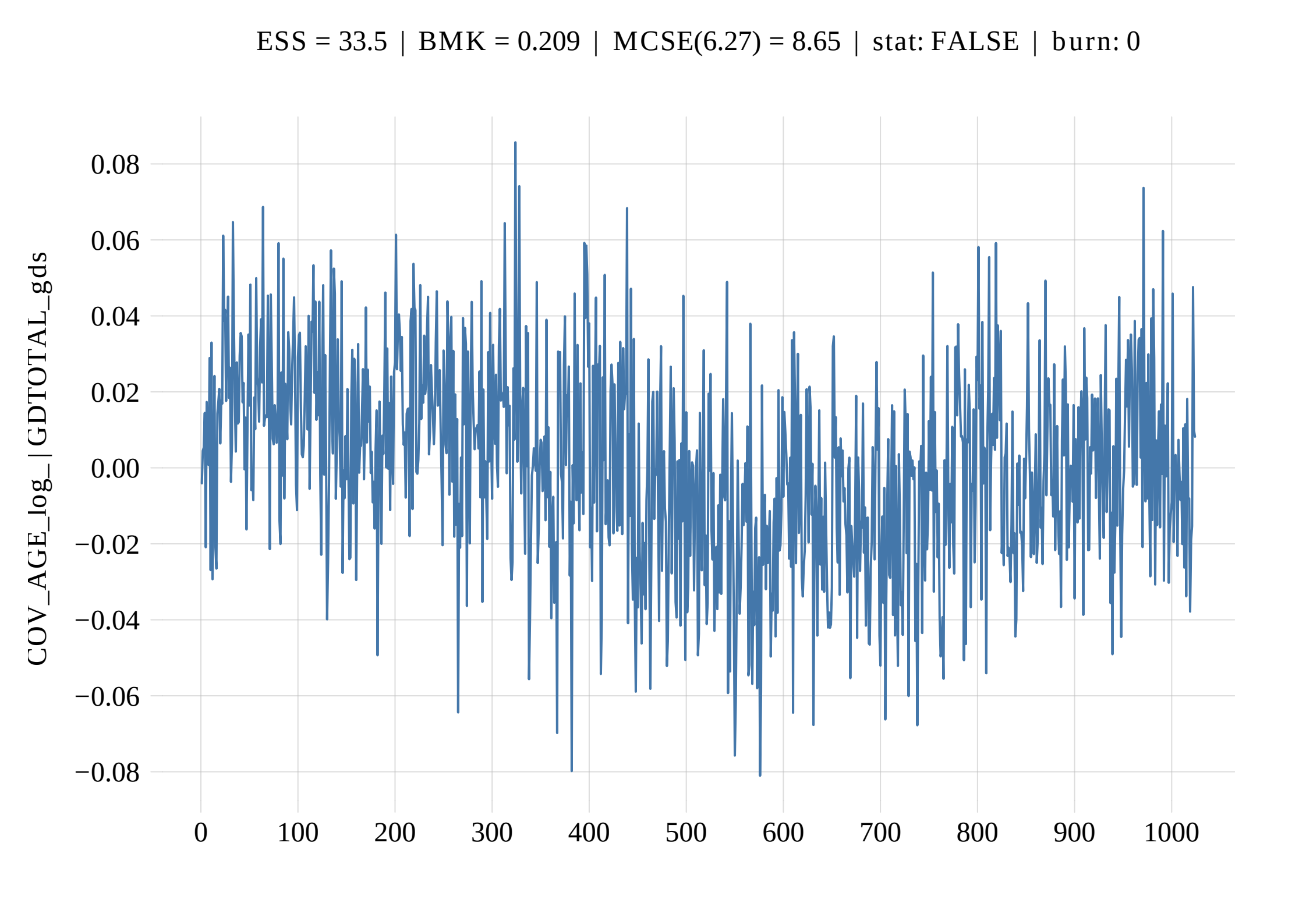

ESS = 649 | BMK = 0.0772 | MCSE(6.27) = 5.22 | stat: FALSE | burn: 0
COV_AGE_log_ | AVDEL30MIN_neuro
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
−1.0
−1.1
0
100
200
300
400
500
600
700
800
900
1000

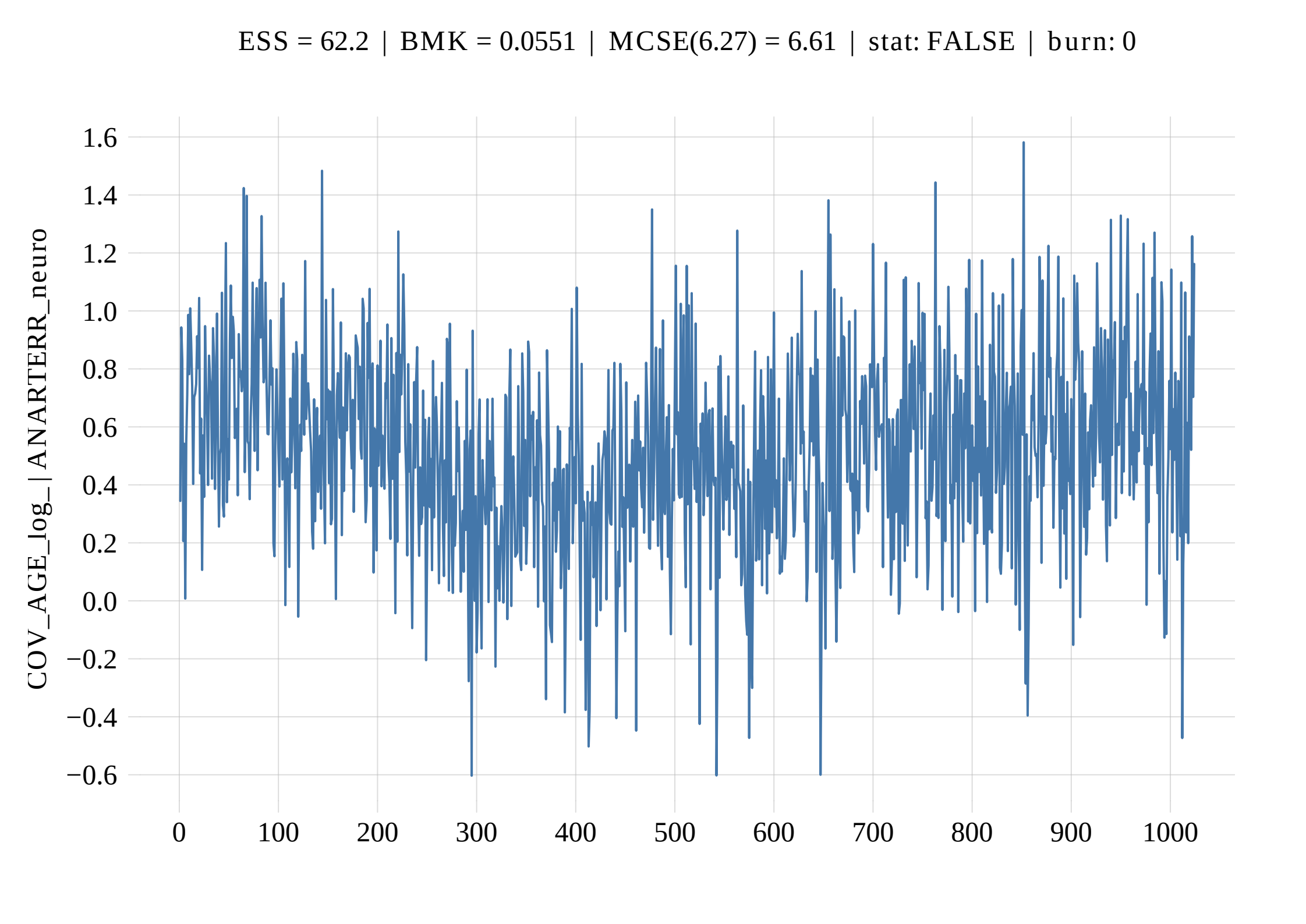

ESS = 200 | BMK = 0.0693 | MCSE(6.27) = 5.67 | stat: FALSE | burn: 0
COV_AGE_log_ | AVDELTOT_neuro
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
0
100
200
300
400
500
600
700
800
900
1000

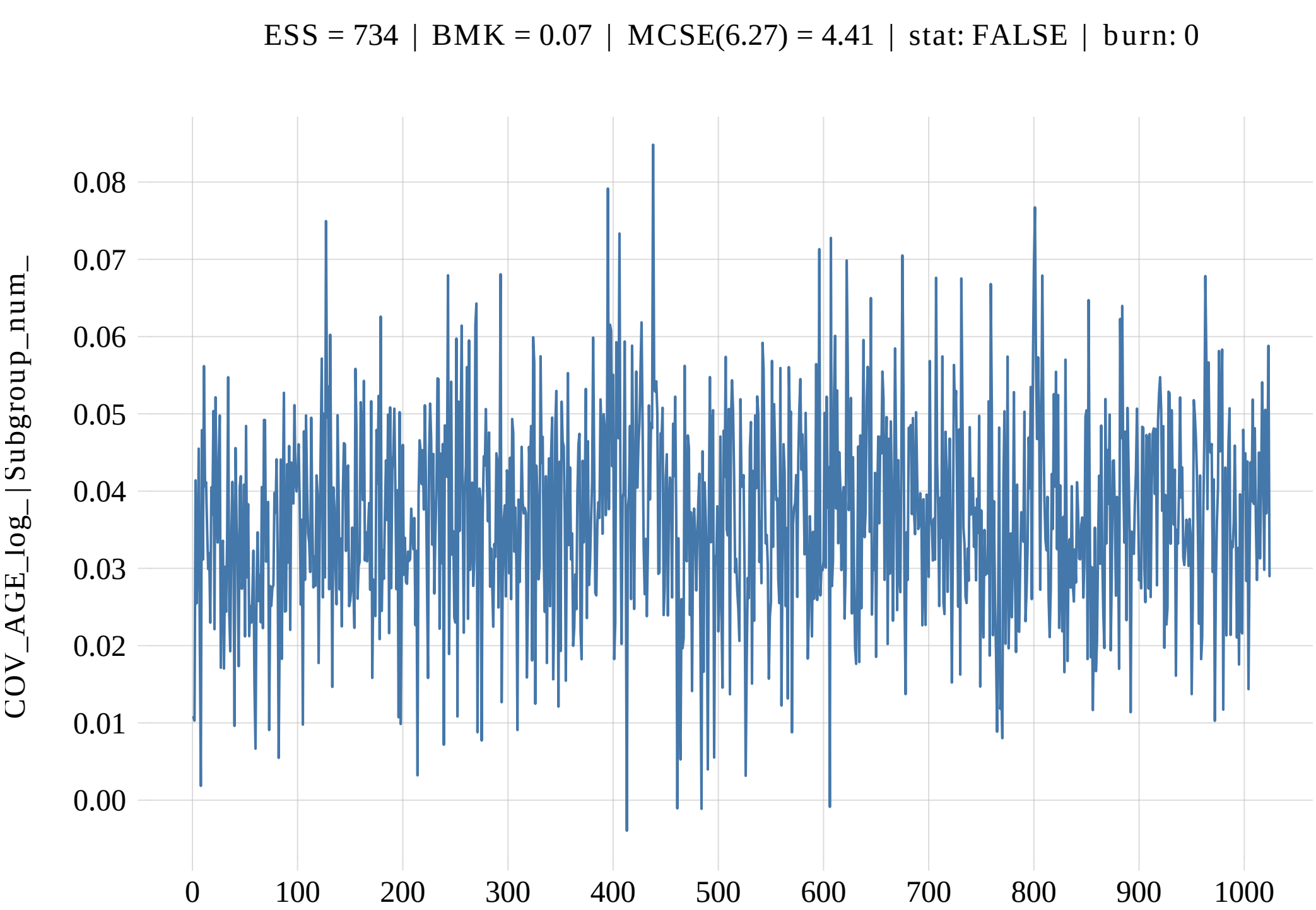

ESS = 413 | BMK = 0.0895 | MCSE(6.27) = 4.98 | stat: FALSE | burn: 0
COV_AGE_log_|TRAASCOR_neuro
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500
600
700
800
900
1000

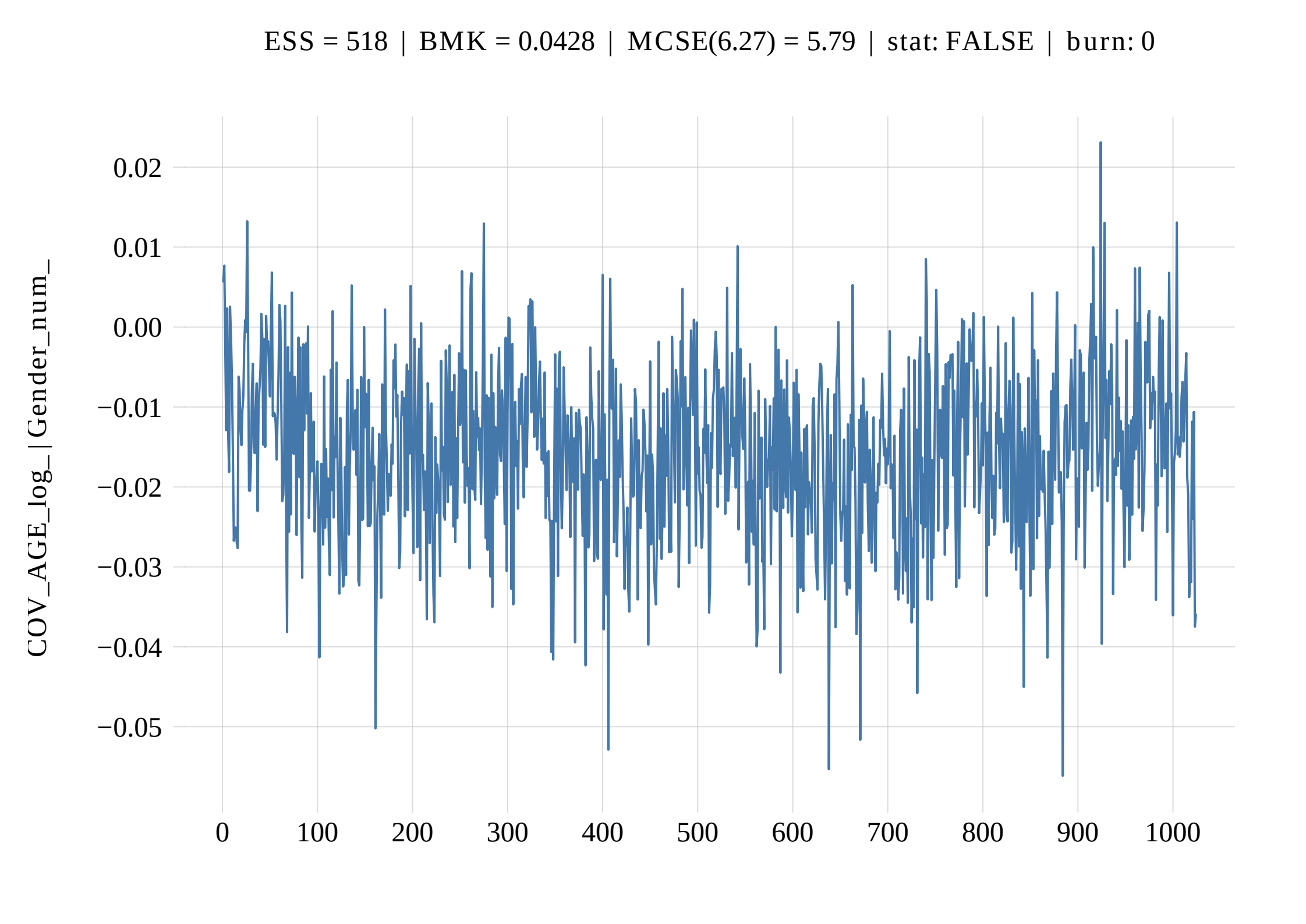

ESS = 854 | BMK = 0.0515 | MCSE(6.27) = 3.74 | stat: TRUE | burn: 0
COV_AGE_log_|TRABSCOR_neuro
22
20
18
16
14
12
10
8
6
4
0
100
200
300
400
500
600
700
800
900
1000

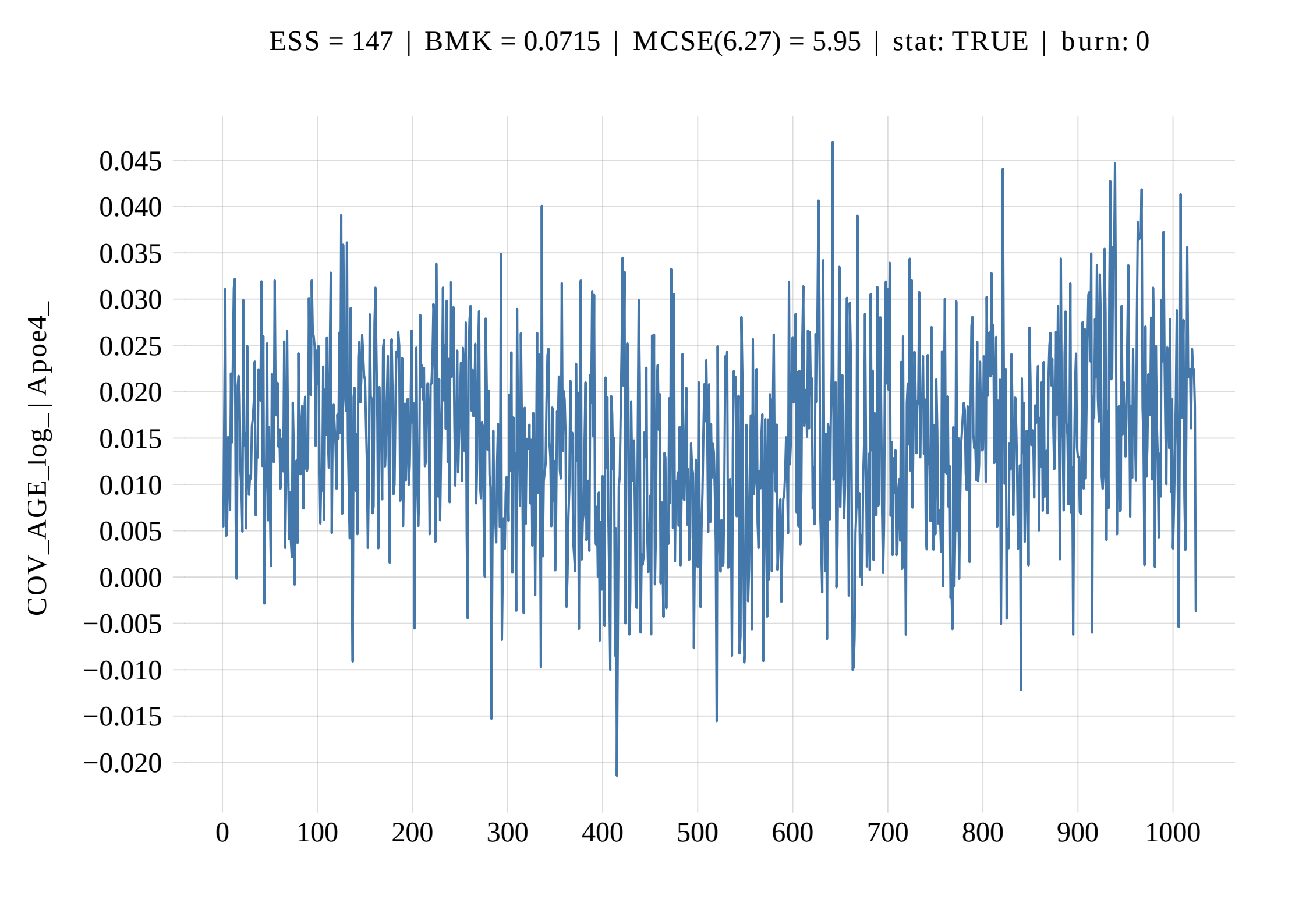

ESS = 610 | BMK = 0.116 | MCSE(6.27) = 5.09 | stat: FALSE | burn: 0
COV_AGE_log_|CATANIMSC_neuro
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
−1.0
−1.1
0
100
200
300
400
500
600
700
800
900
1000

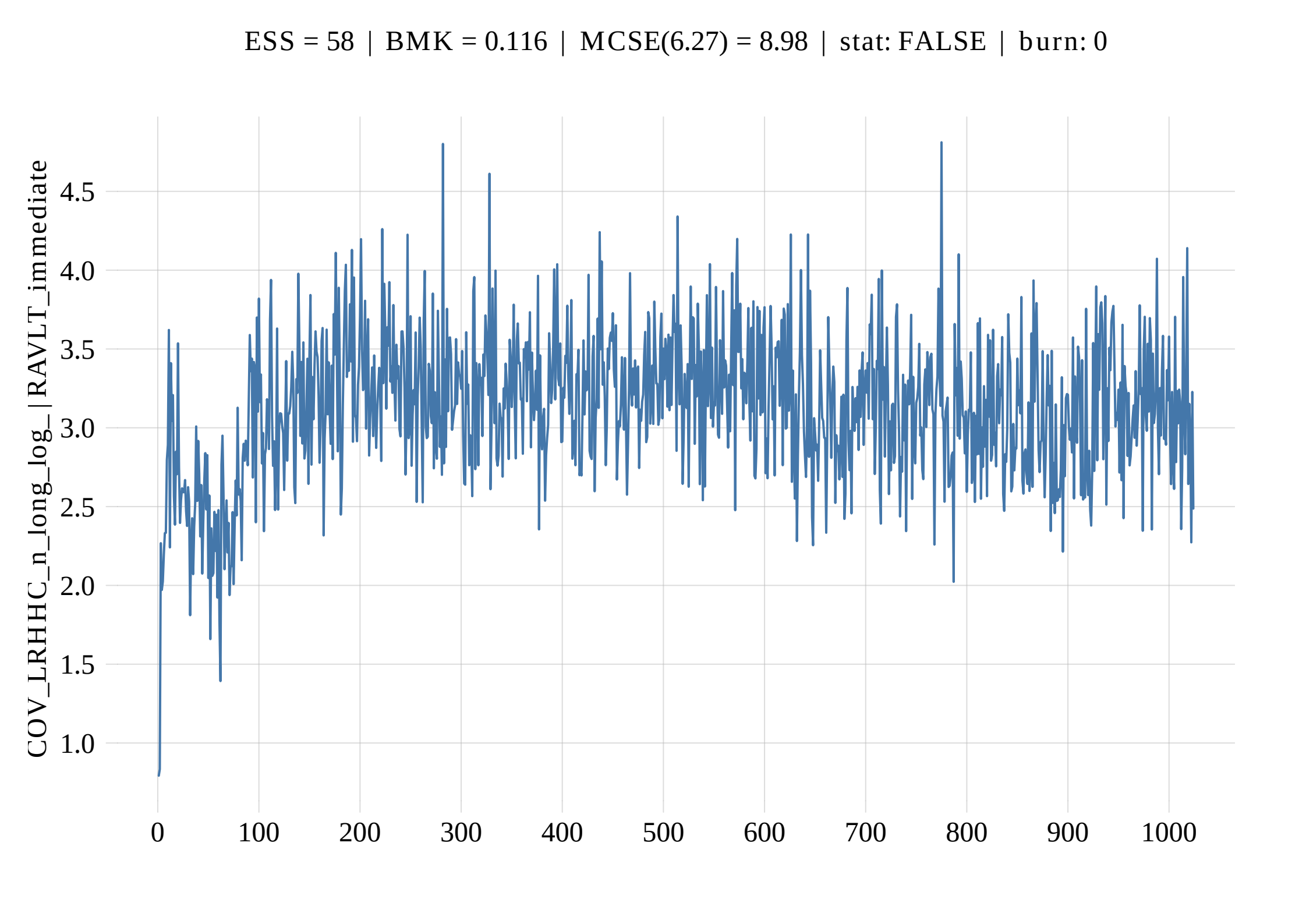

ESS = 33.5 | BMK = 0.209 | MCSE(6.27) = 8.65 | stat: FALSE | burn: 0
COV_AGE_log_|GDTOTAL_gds
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
0
100
200
300
400
500
600
700
800
900
1000

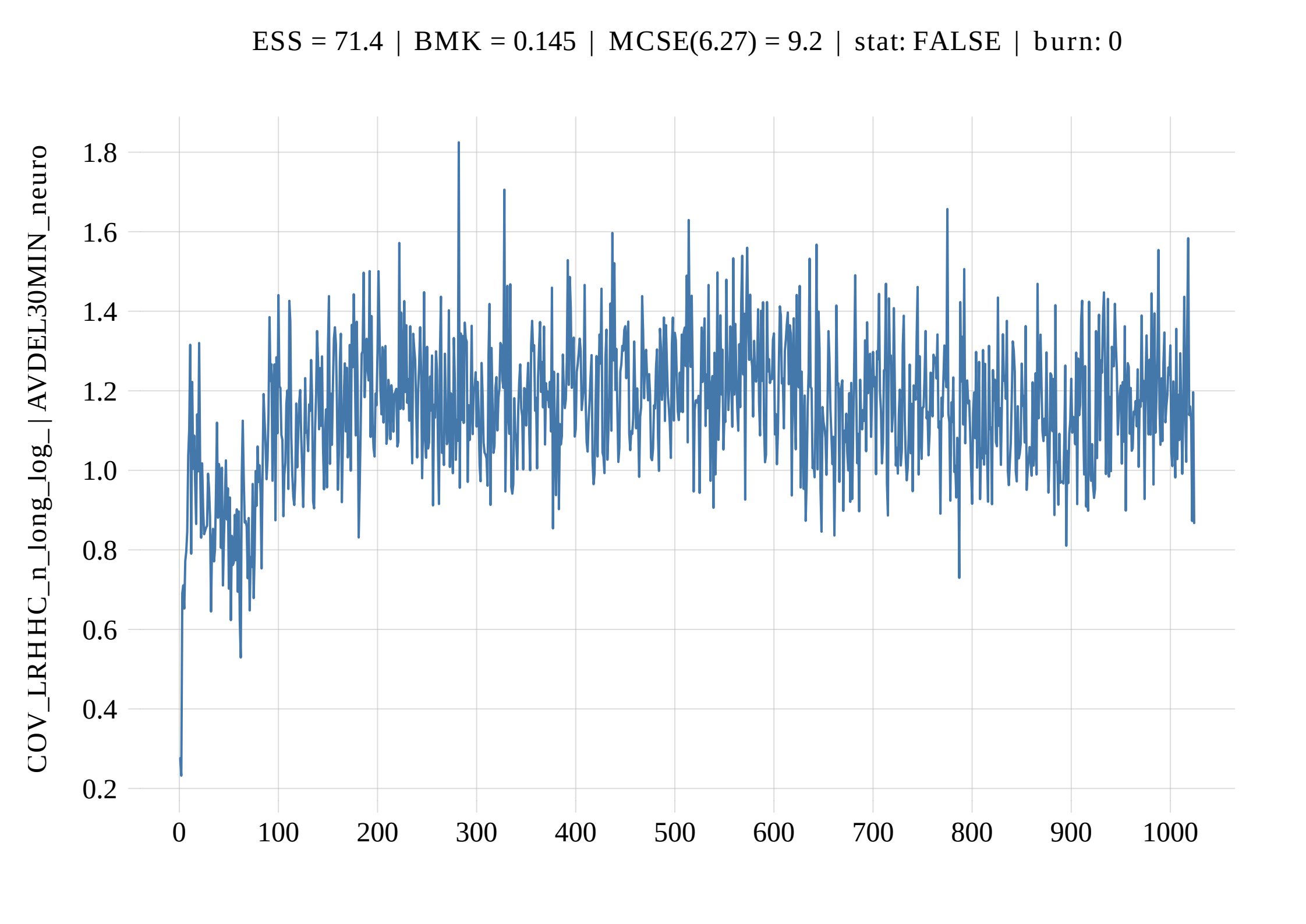

ESS = 62.2 | BMK = 0.0551 | MCSE(6.27) = 6.61 | stat: FALSE | burn: 0
COV_AGE_log_ | ANARTERR_neuro
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
100
200
300
400
500
600
700
800
900
1000

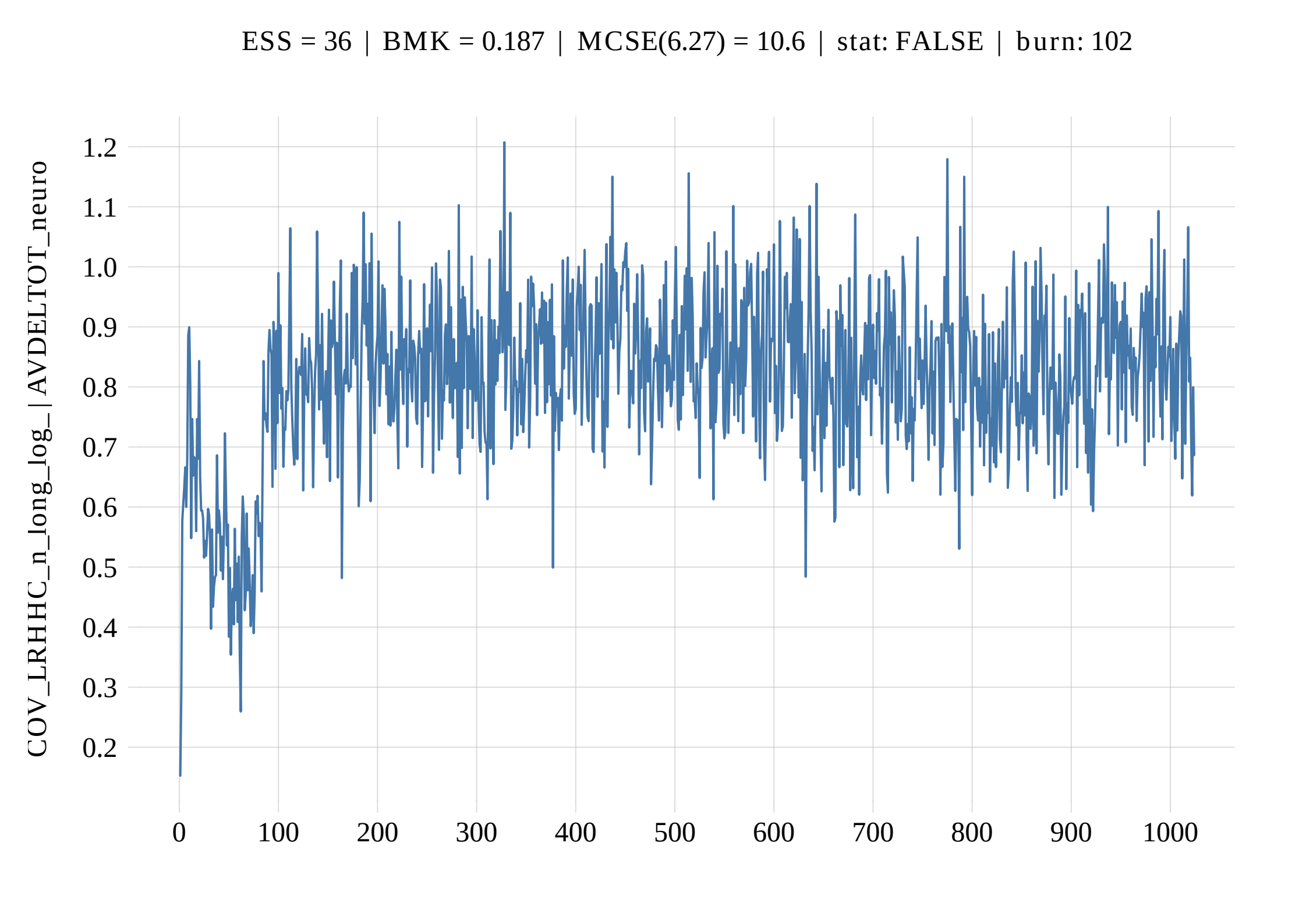

ESS = 734 | BMK = 0.07 | MCSE(6.27) = 4.41 | stat: FALSE | burn: 0
COV_AGE_log_|Subgroup_num_
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
100
200
300
400
500
600
700
800
900
1000

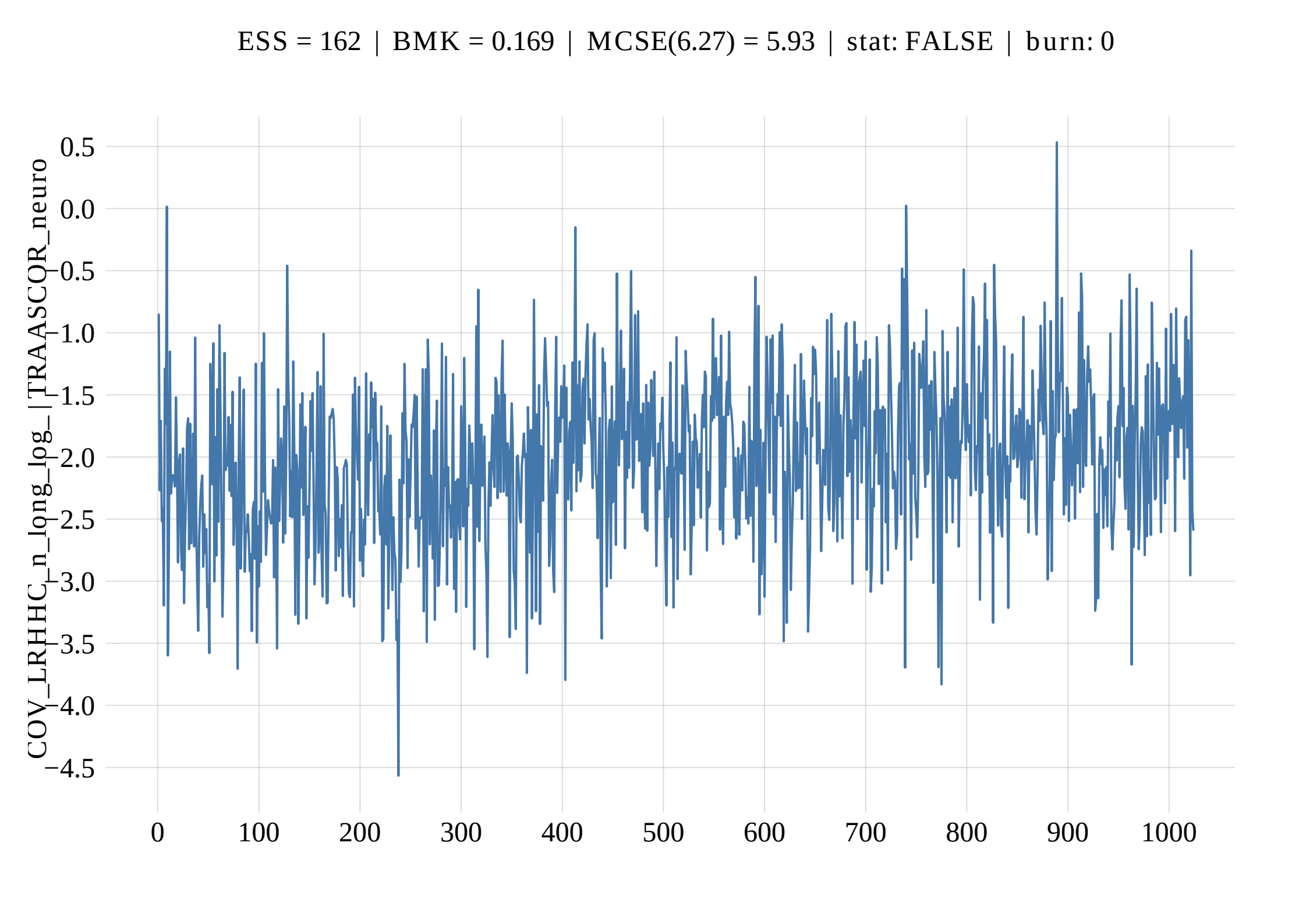

ESS = 518 | BMK = 0.0428 | MCSE(6.27) = 5.79 | stat: FALSE | burn: 0
COV_AGE_log_|Gender_num_
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
0
100
200
300
400
500
600
700
800
900
1000

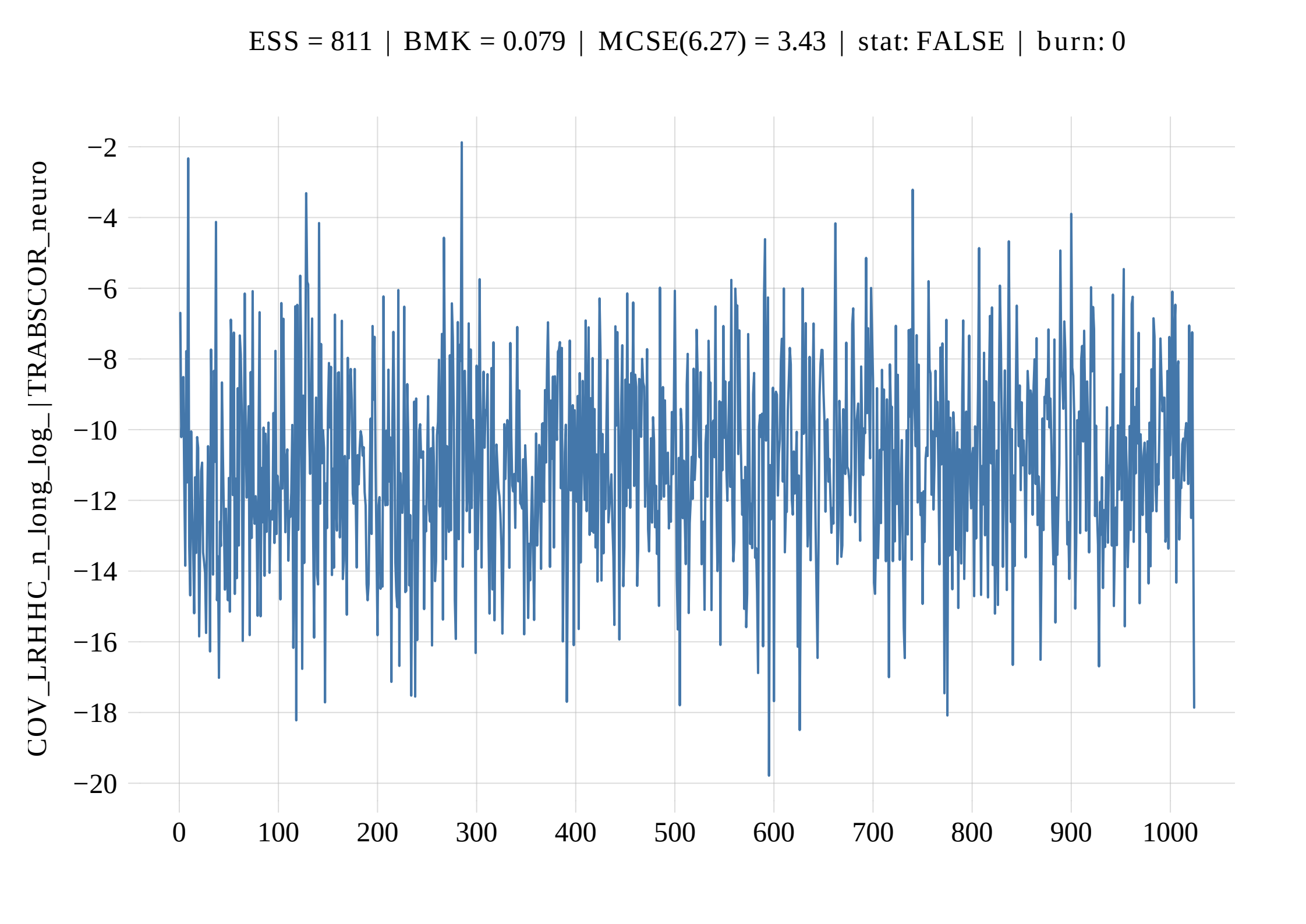

ESS = 147 | BMK = 0.0715 | MCSE(6.27) = 5.95 | stat: TRUE | burn: 0
COV_AGE_log_ | Apoe4_
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
0
100
200
300
400
500
600
700
800
900
1000

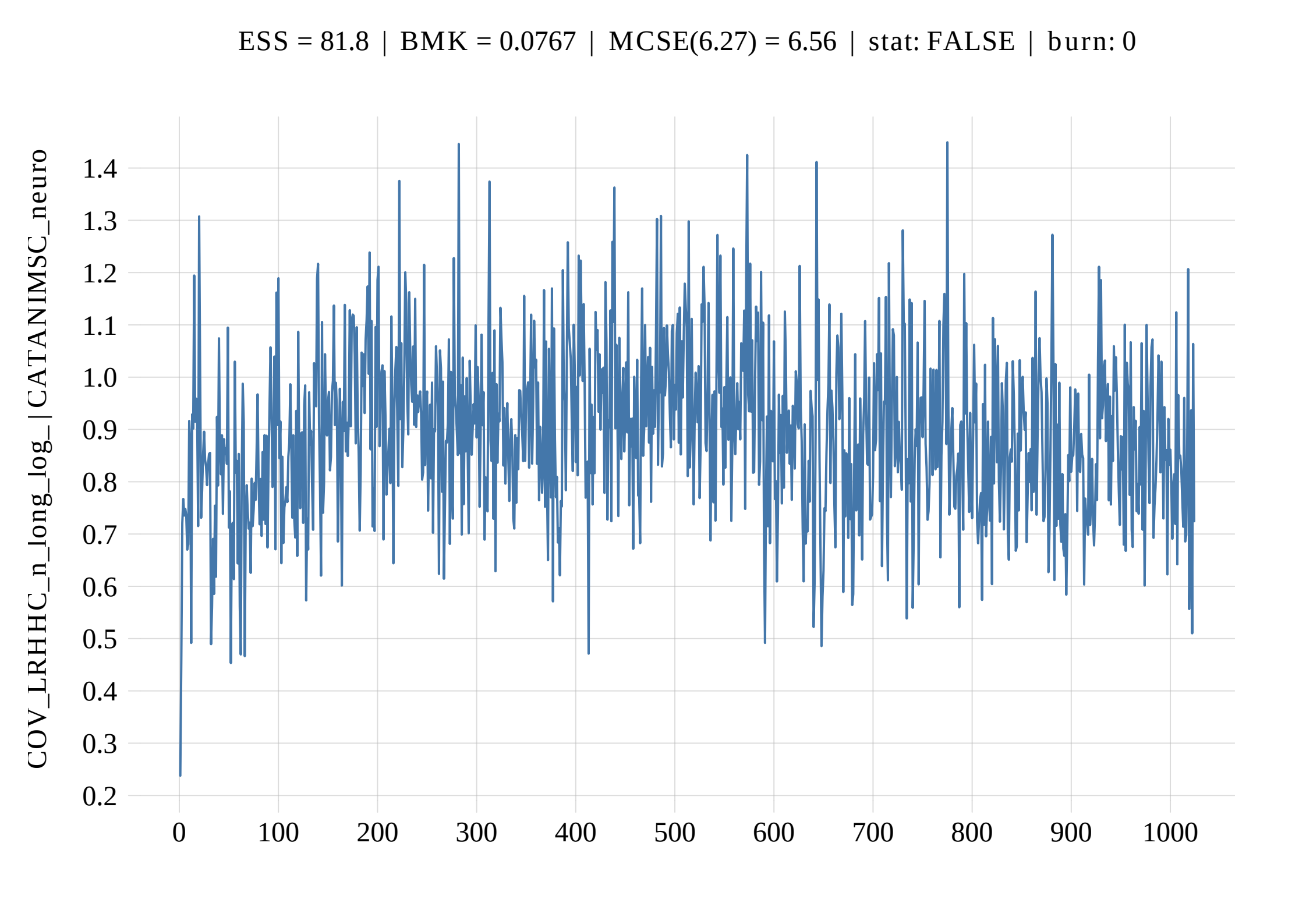

ESS = 58 | BMK = 0.116 | MCSE(6.27) = 8.98 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|RAVLT_immediate
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
100
200
300
400
500
600
700
800
900
1000

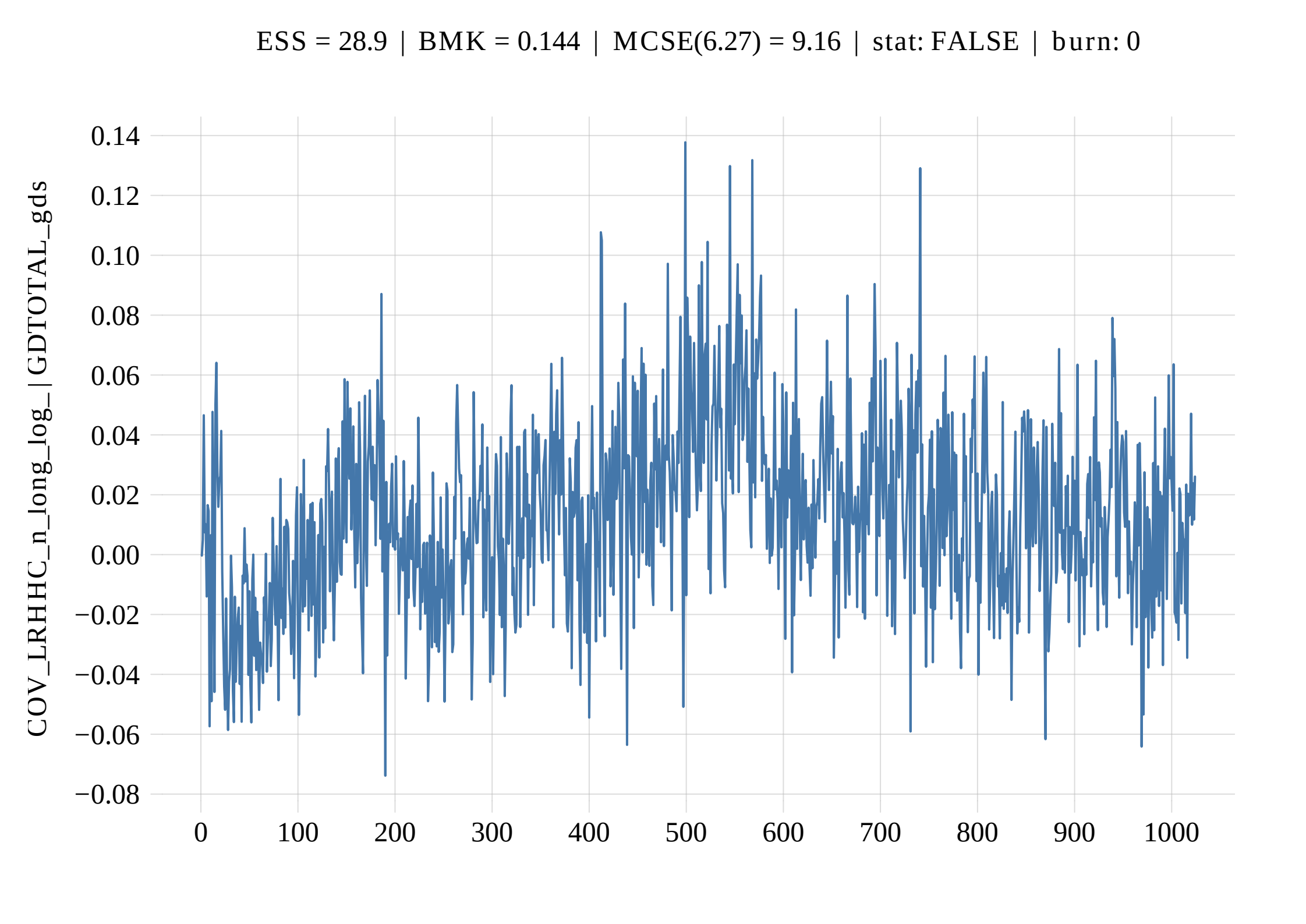

ESS = 71.4 | BMK = 0.145 | MCSE(6.27) = 9.2 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_ | AVDEL30MIN_neuro
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0
100
200
300
400
500
600
700
800
900
1000

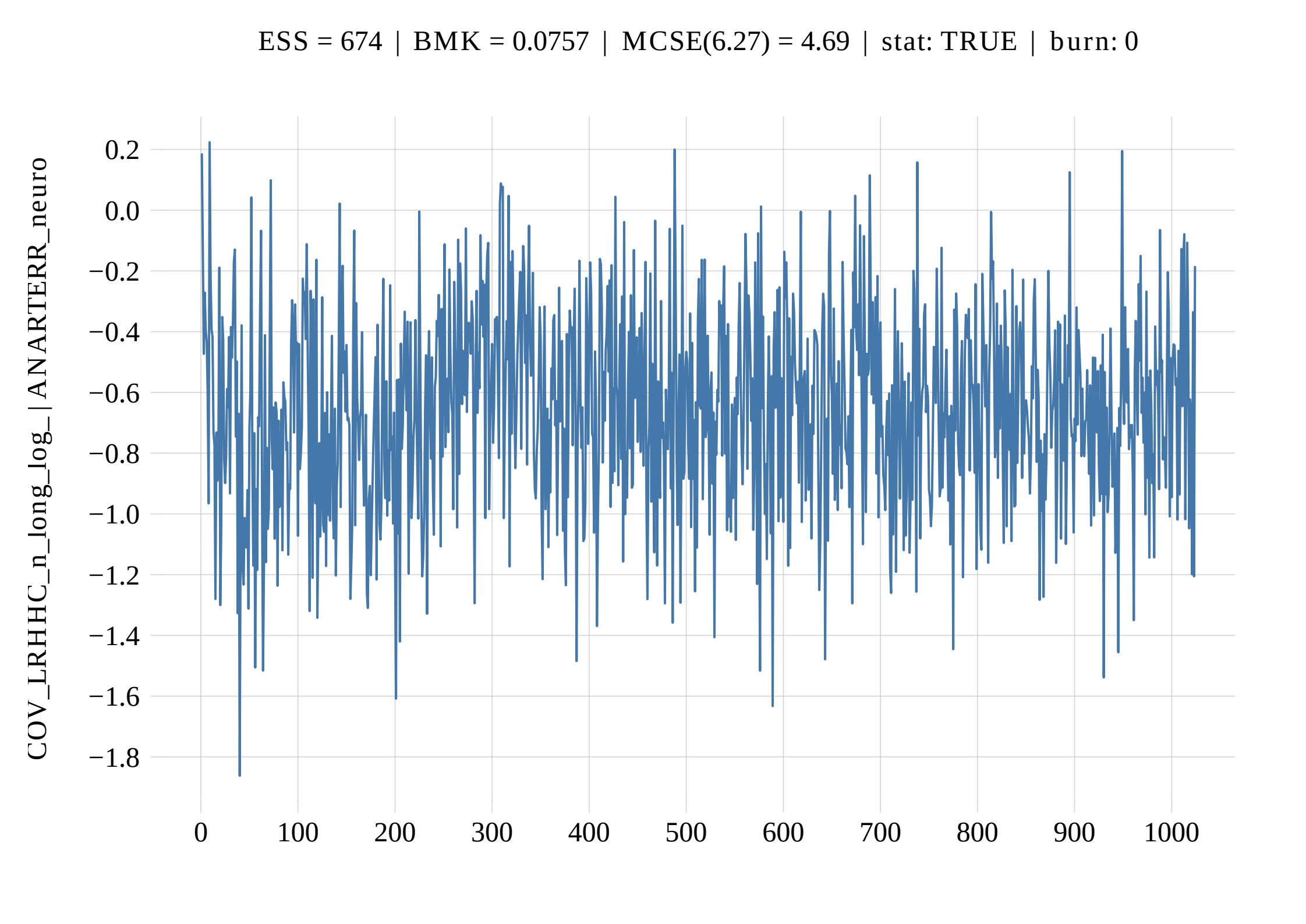

ESS = 36 | BMK = 0.187 | MCSE(6.27) = 10.6 | stat: FALSE | burn: 102
COV_LRHHC_n_long_log_ | AVDELTOT_neuro
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0
100
200
300
400
500
600
700
800
900
1000

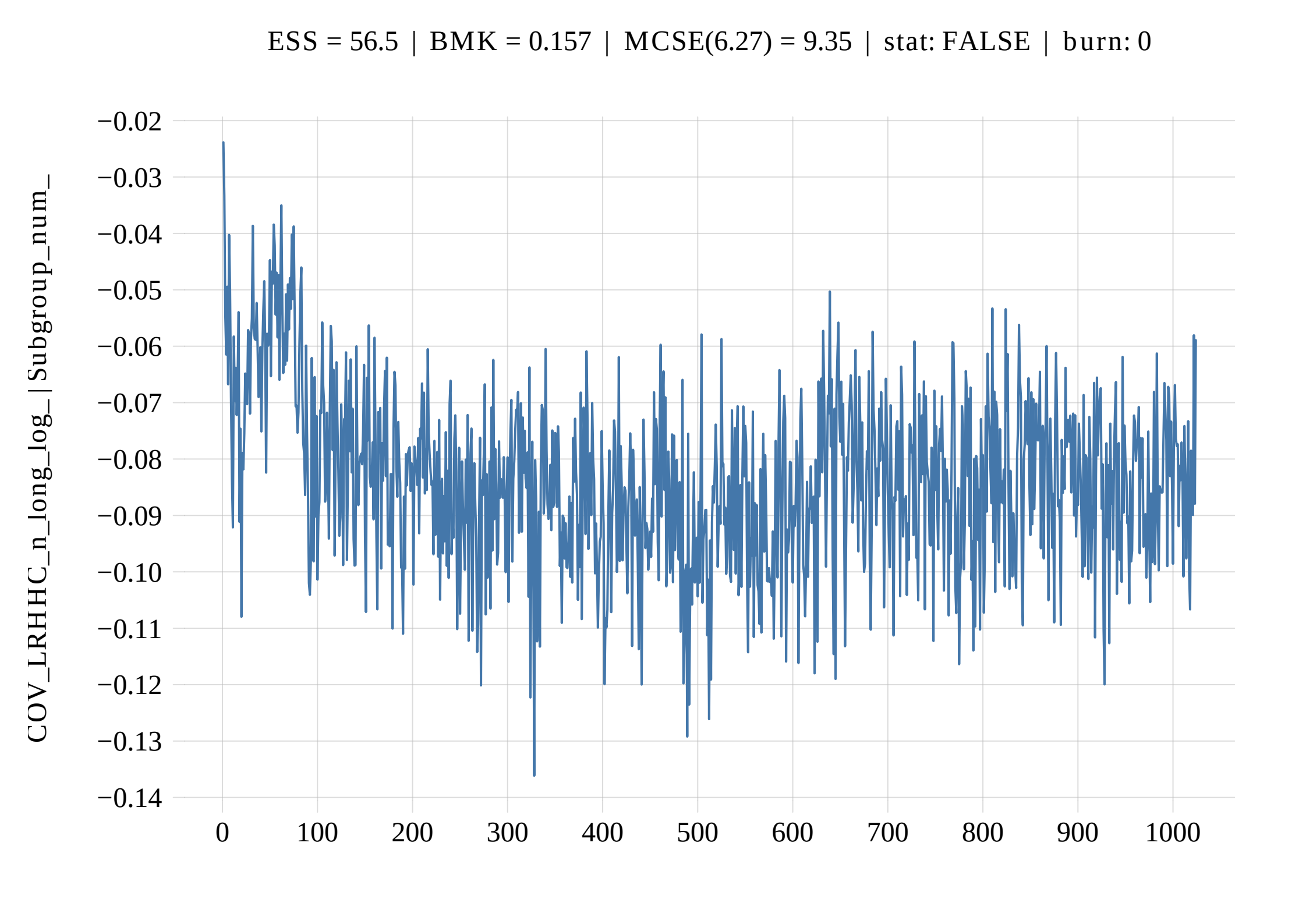

ESS = 162 | BMK = 0.169 | MCSE(6.27) = 5.93 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|TRAASCOR_neuro
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
−3.5
−4.0
−4.5
0
100
200
300
400
500
600
700
800
900
1000

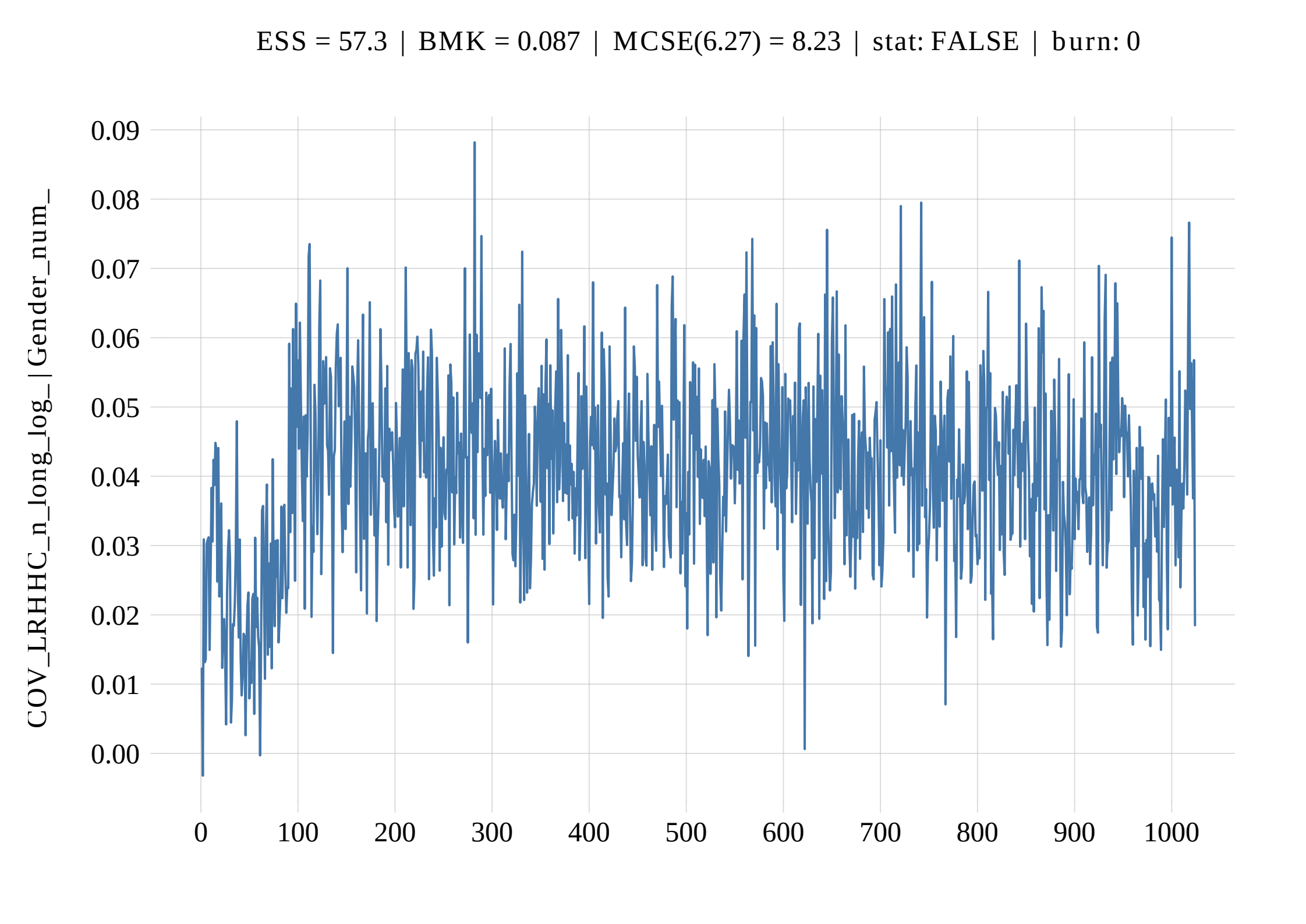

ESS = 811 | BMK = 0.079 | MCSE(6.27) = 3.43 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|TRABSCOR_neuro
−2
−4
−6
−8
−10
−12
−14
−16
−18
−20
0
100
200
300
400
500
600
700
800
900
1000

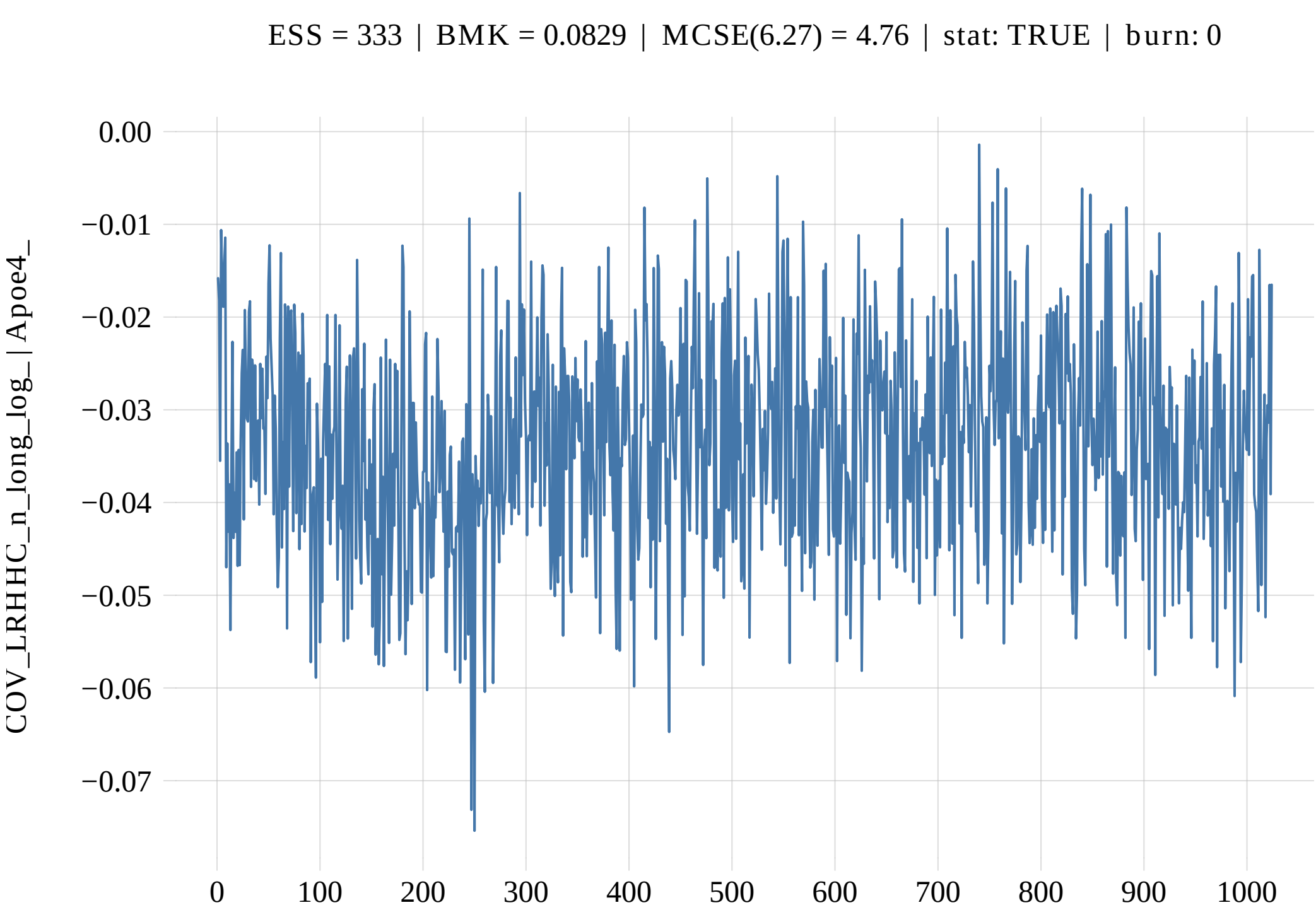

ESS = 81.8 | BMK = 0.0767 | MCSE(6.27) = 6.56 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|CATANIMSC_neuro
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0
100
200
300
400
500
600
700
800
900
1000

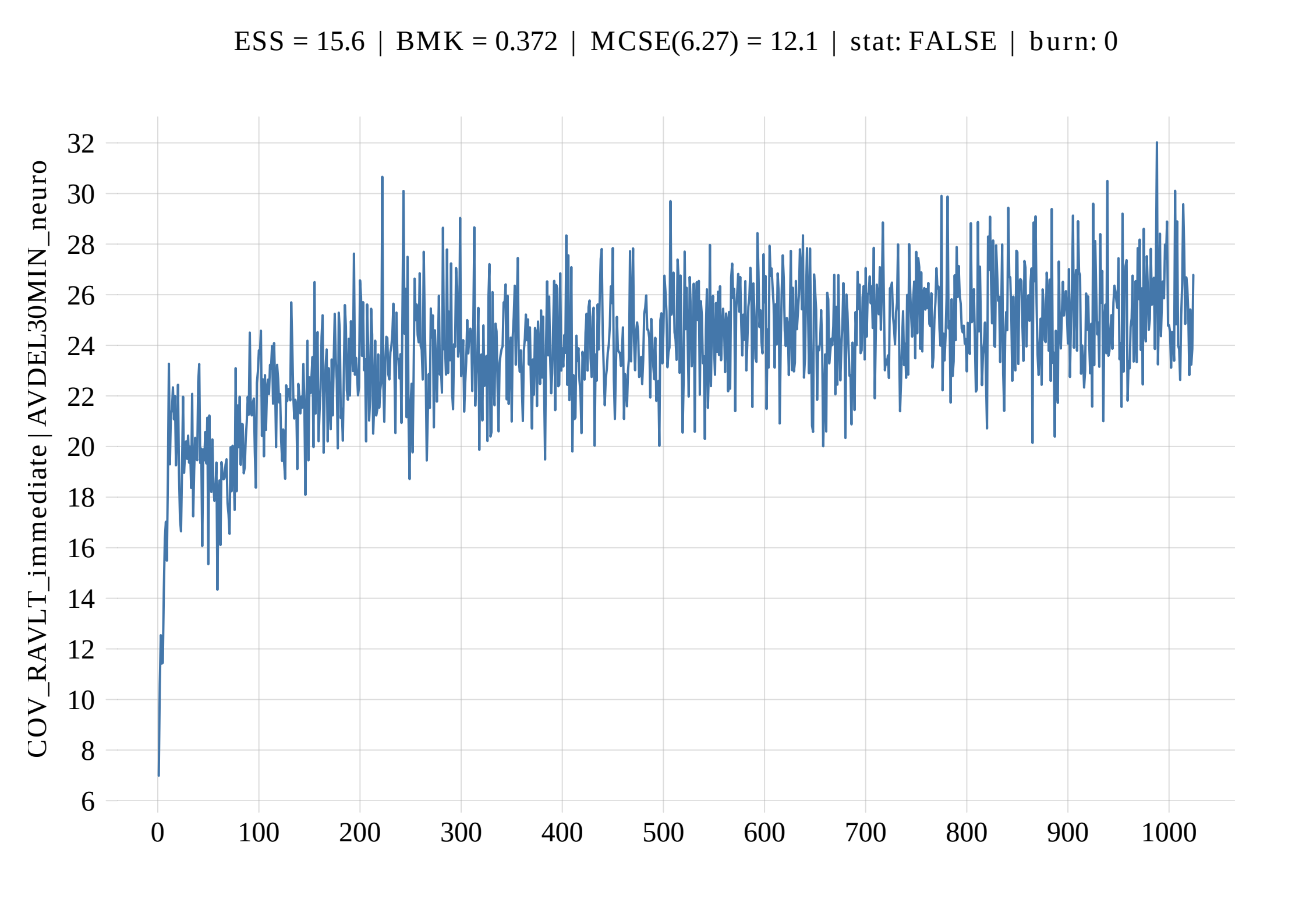

ESS = 28.9 | BMK = 0.144 | MCSE(6.27) = 9.16 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|GDTOTAL_gds
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
0
100
200
300
400
500
600
700
800
900
1000

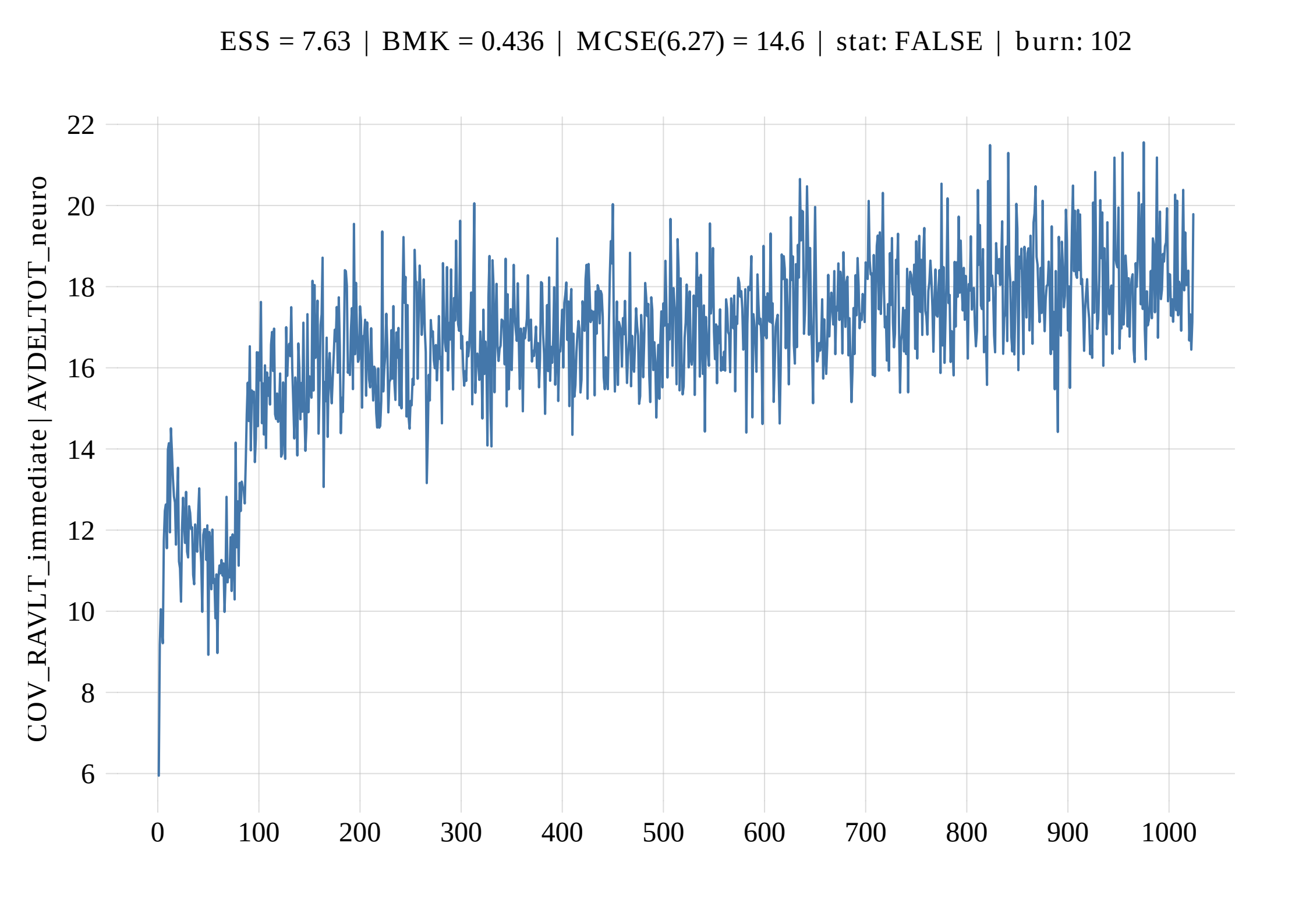

ESS = 674 | BMK = 0.0757 | MCSE(6.27) = 4.69 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_ | ANARTERR_neuro
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
−1.6
−1.8
0
100
200
300
400
500
600
700
800
900
1000

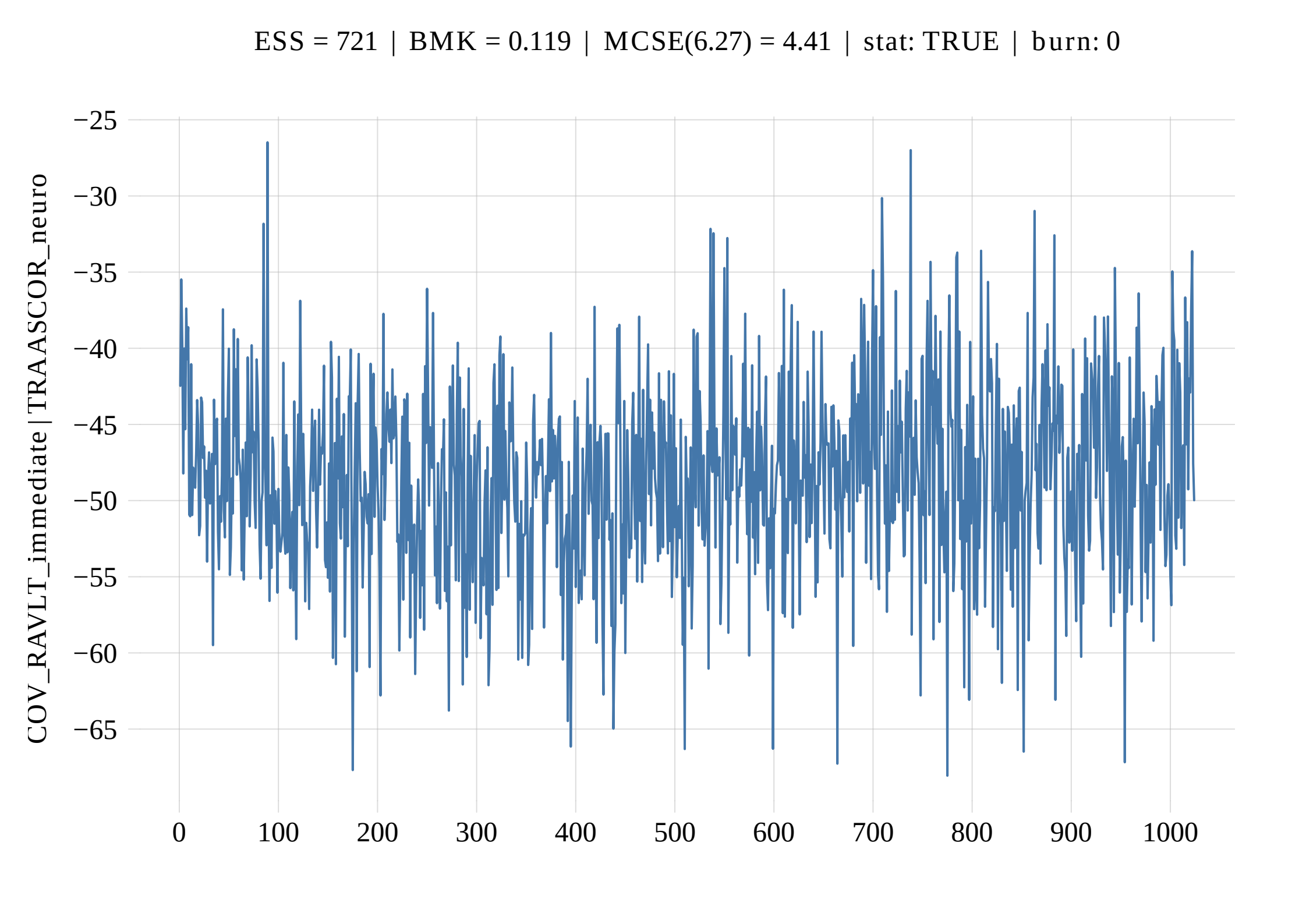

ESS = 56.5 | BMK = 0.157 | MCSE(6.27) = 9.35 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|Subgroup_num_
−0.02
−0.03
−0.04
−0.05
−0.06
−0.07
−0.08
−0.09
−0.10
−0.11
−0.12
−0.13
−0.14
0
100
200
300
400
500
600
700
800
900
1000

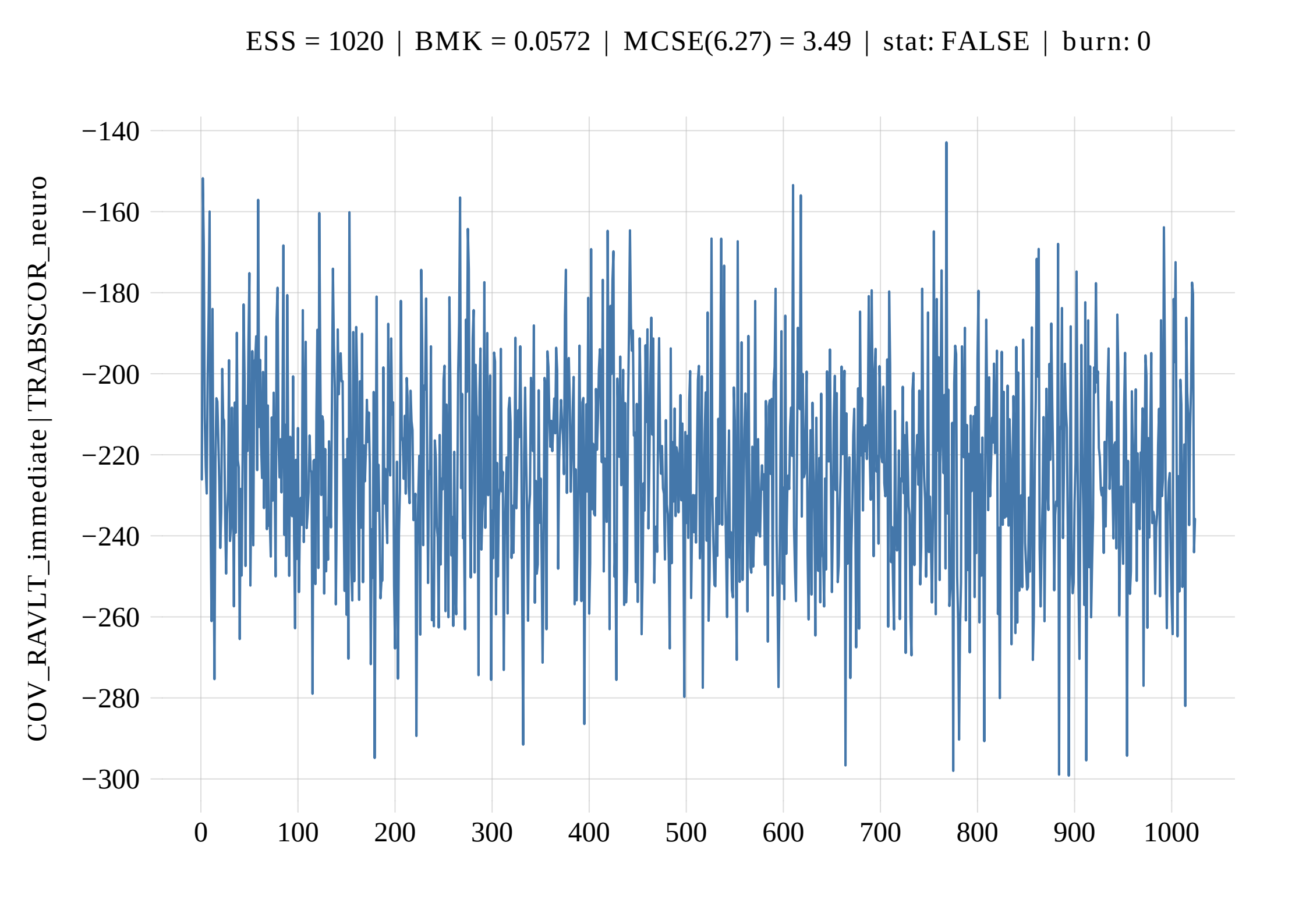

ESS = 57.3 | BMK = 0.087 | MCSE(6.27) = 8.23 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|Gender_num_
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
100
200
300
400
500
600
700
800
900
1000

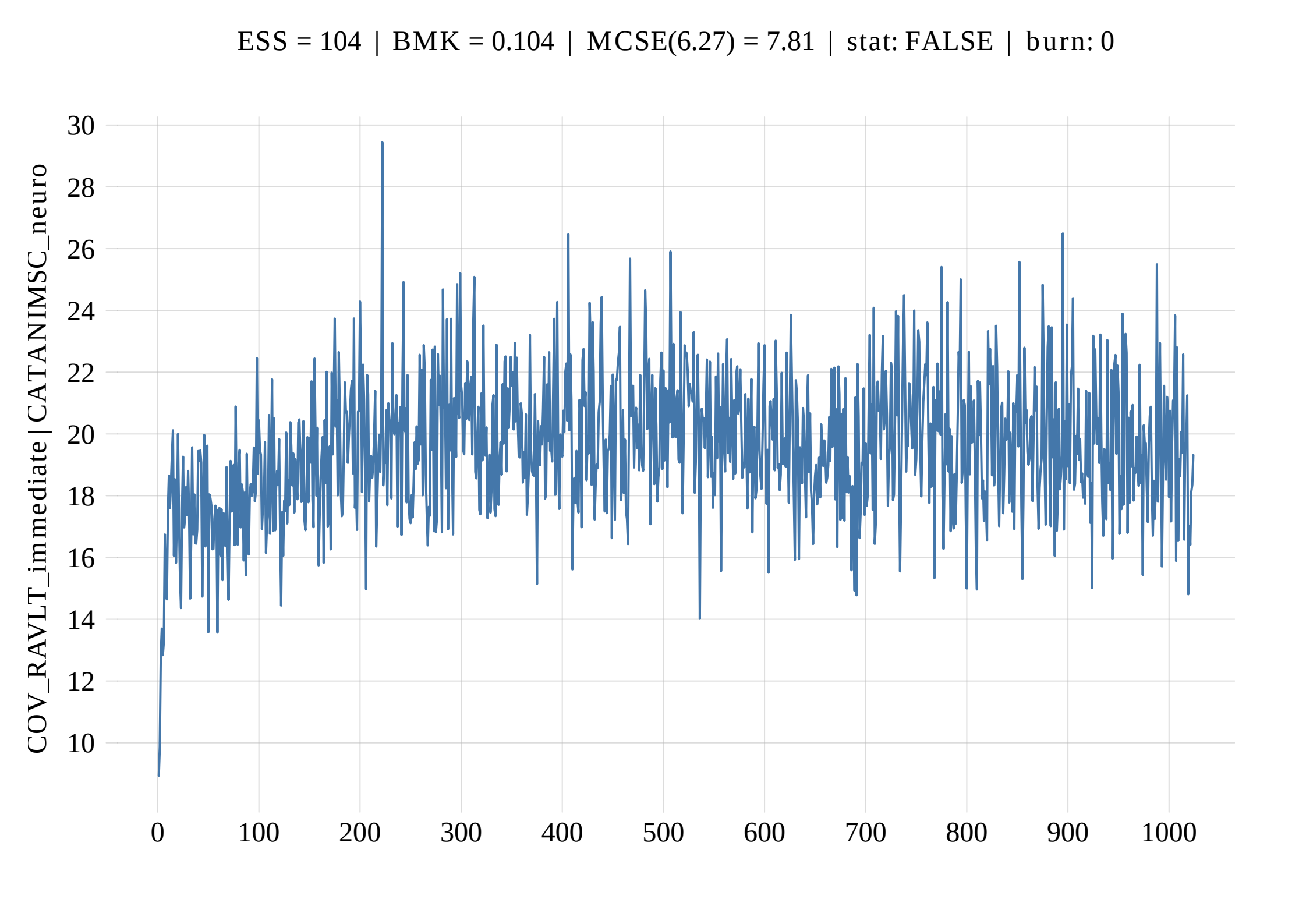

ESS = 333 | BMK = 0.0829 | MCSE(6.27) = 4.76 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_ | Apoe4_
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.07
0
100
200
300
400
500
600
700
800
900
1000

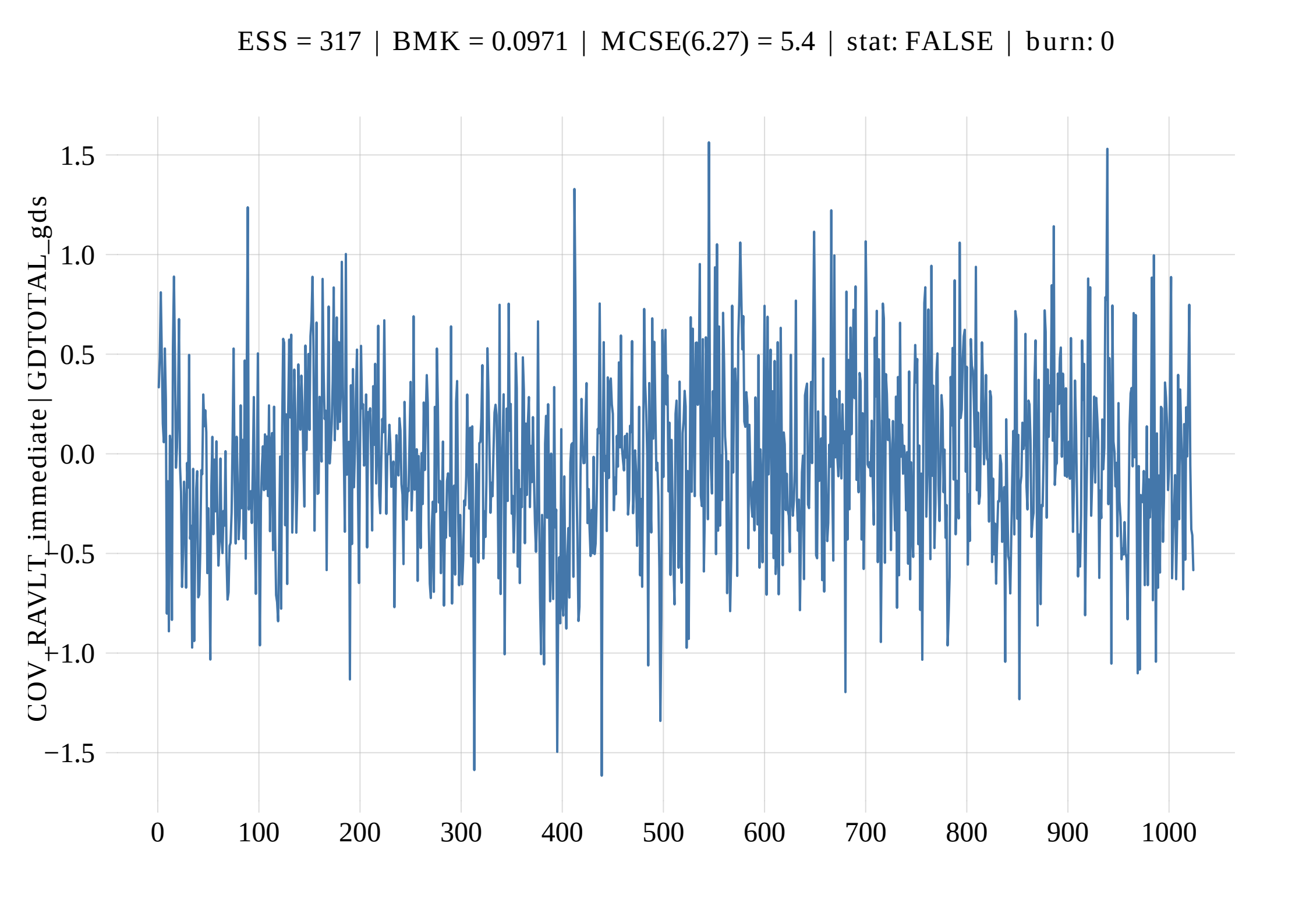

ESS = 15.6 | BMK = 0.372 | MCSE(6.27) = 12.1 | stat: FALSE | burn: 0
COV_RAVLT_immediate | AVDEL30MIN_neuro
32
30
28
26
24
22
20
18
16
14
12
10
8
6
0
100
200
300
400
500
600
700
800
900
1000

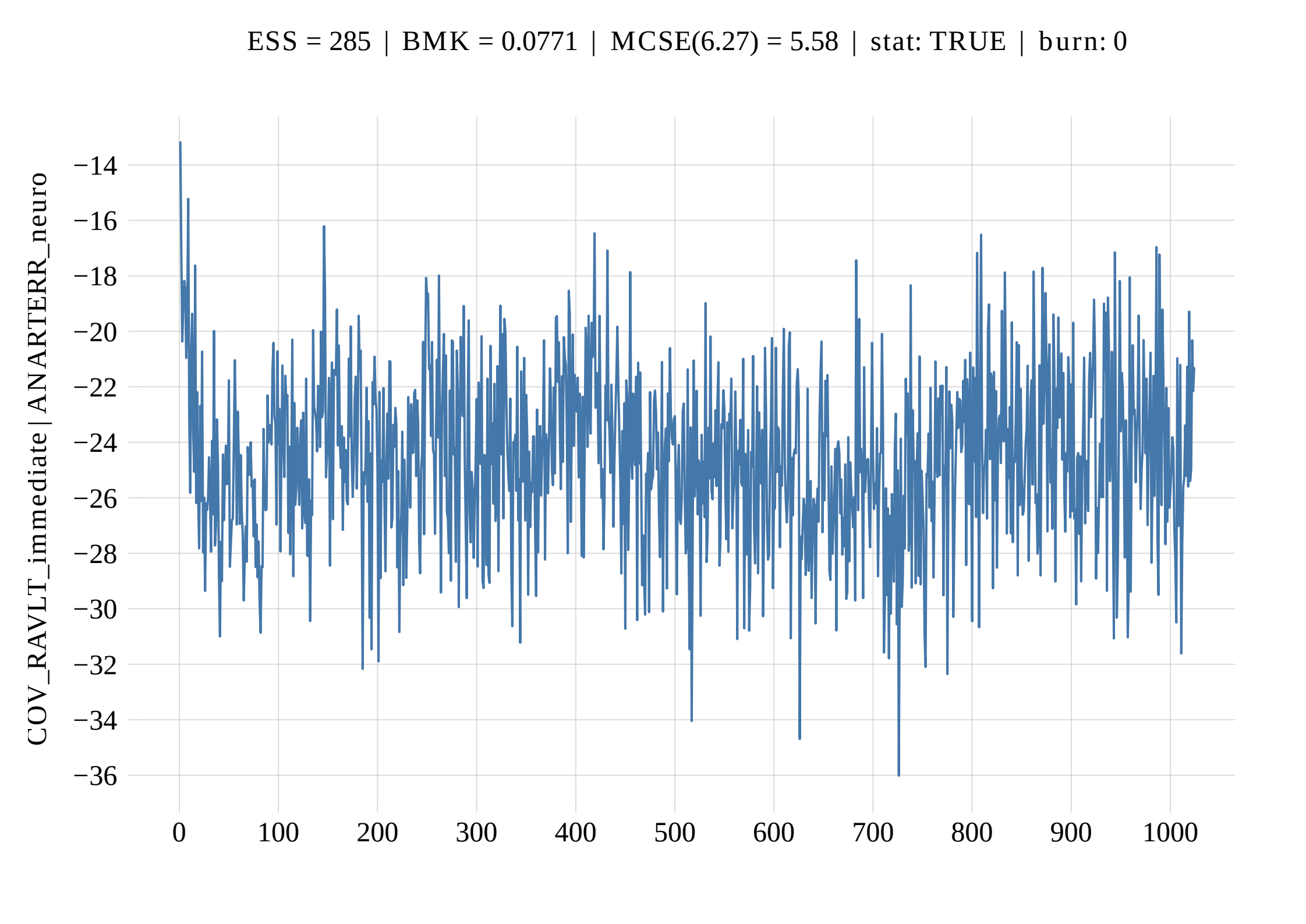

ESS = 7.63 | BMK = 0.436 | MCSE(6.27) = 14.6 | stat: FALSE | burn: 102
COV_RAVLT_immediate | AVDELTOT_neuro
22
20
18
16
14
12
10
8
6
0
100
200
300
400
500
600
700
800
900
1000

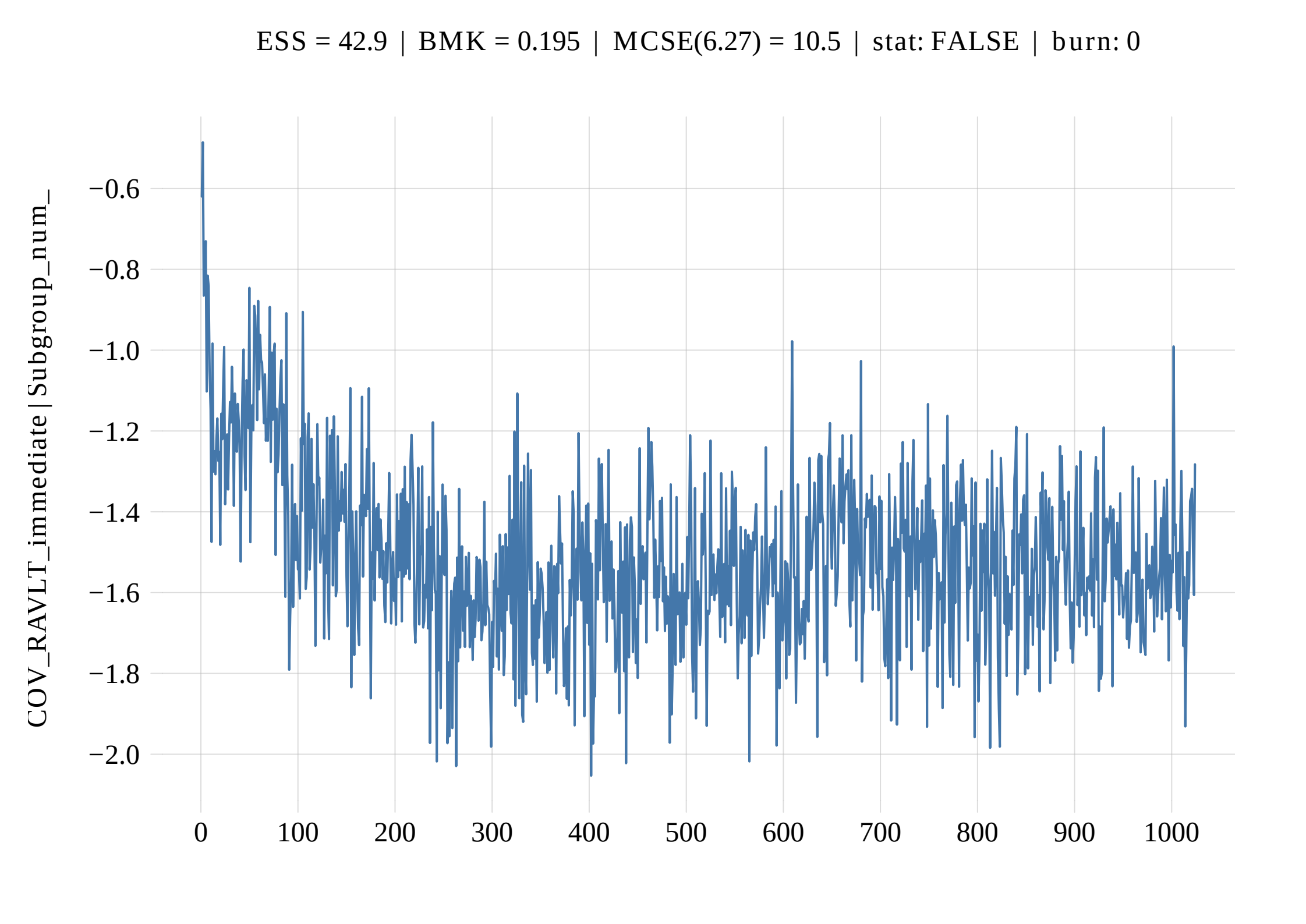

ESS = 721 | BMK = 0.119 | MCSE(6.27) = 4.41 | stat: TRUE | burn: 0
COV_RAVLT_immediate | TRAASCOR_neuro
−25
−30
−35
−40
−45
−50
−55
−60
−65
0
100
200
300
400
500
600
700
800
900
1000

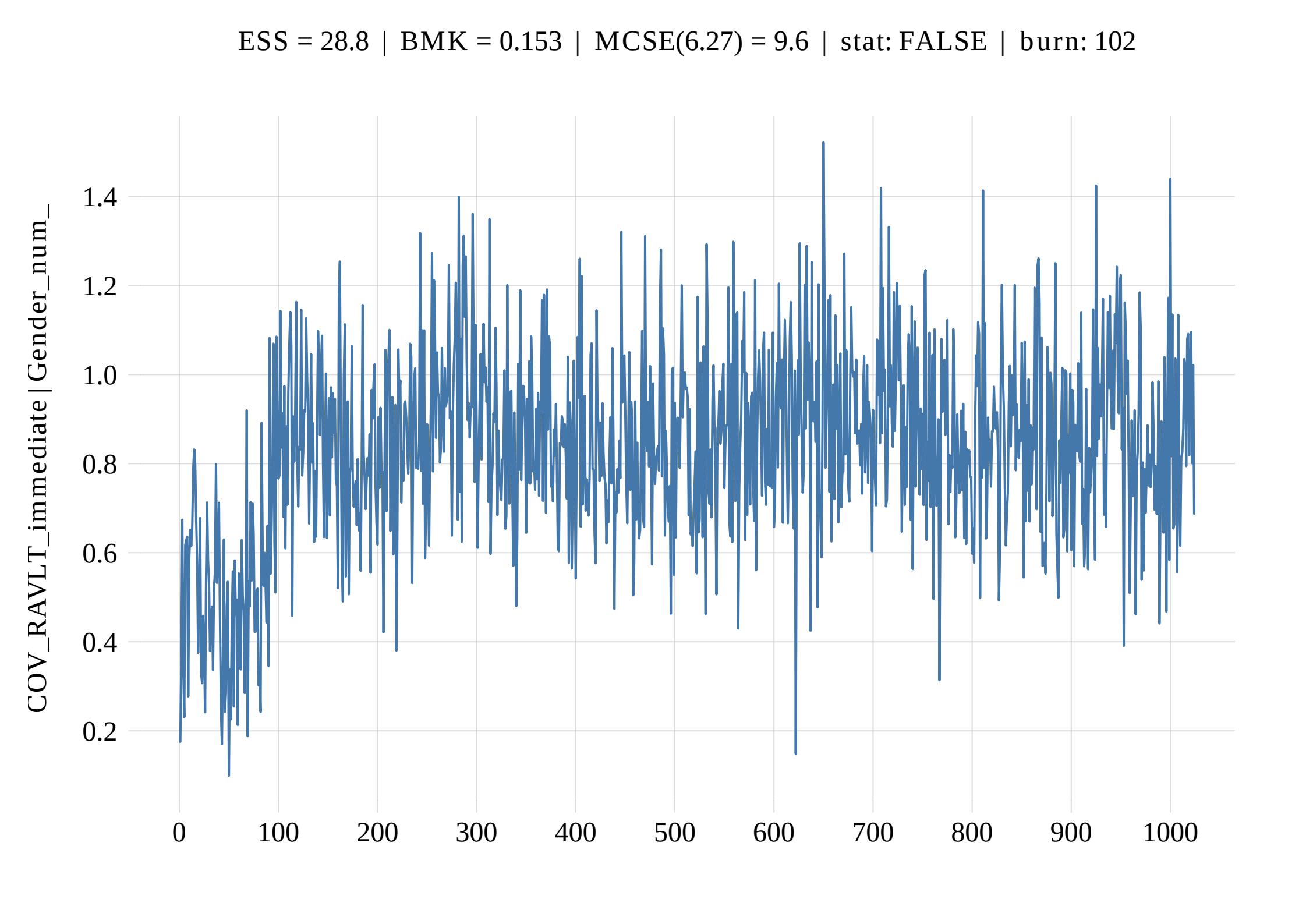

ESS = 1020 | BMK = 0.0572 | MCSE(6.27) = 3.49 | stat: FALSE | burn: 0
COV_RAVLT_immediate | TRABSCOR_neuro
−140
−160
−180
−200
−220
−240
−260
−280
−300
0
100
200
300
400
500
600
700
800
900
1000

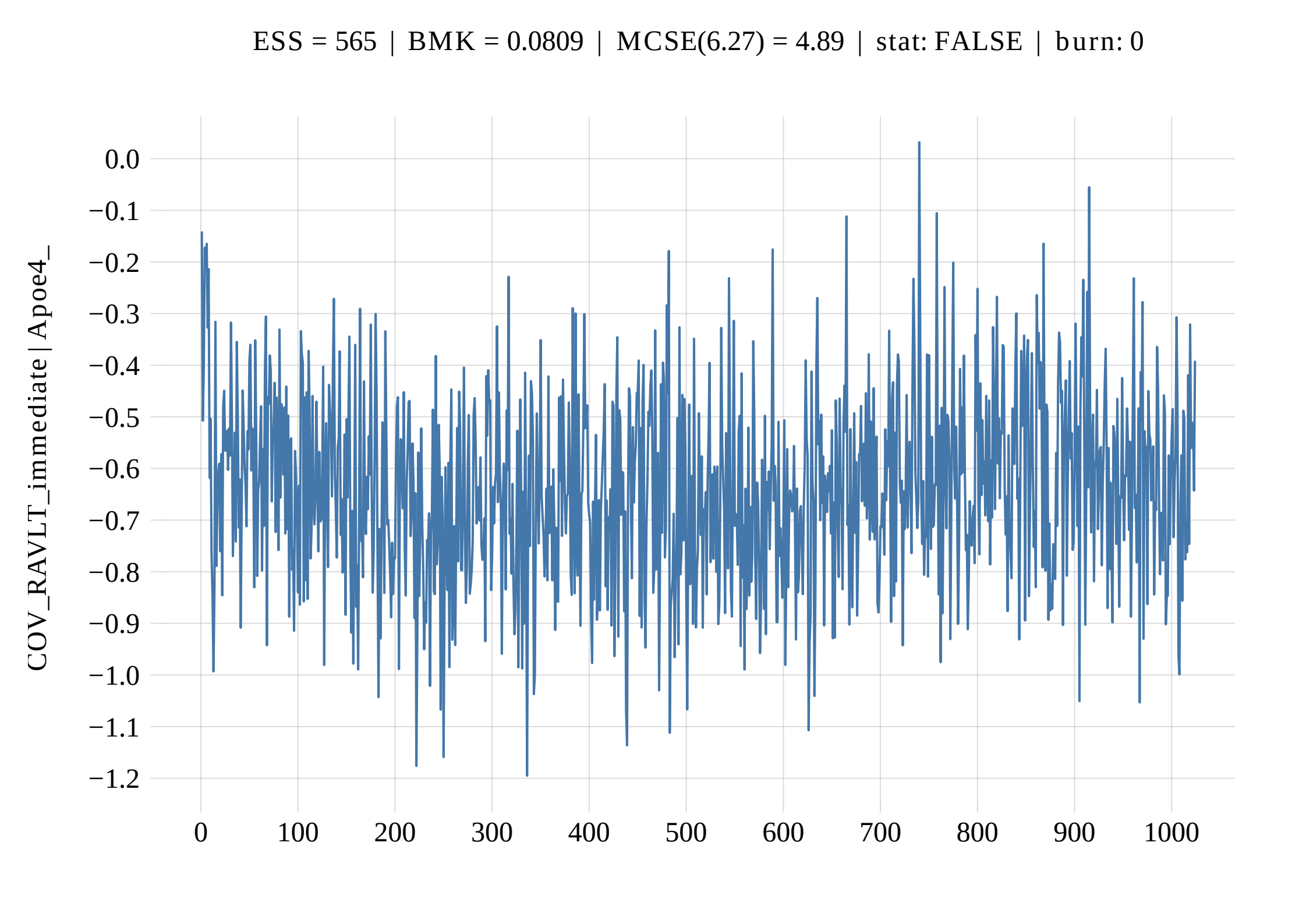

ESS = 104 | BMK = 0.104 | MCSE(6.27) = 7.81 | stat: FALSE | burn: 0
COV_RAVLT_immediate|CATANIMSC_neuro
30
28
26
24
22
20
18
16
14
12
10
0
100
200
300
400
500
600
700
800
900
1000

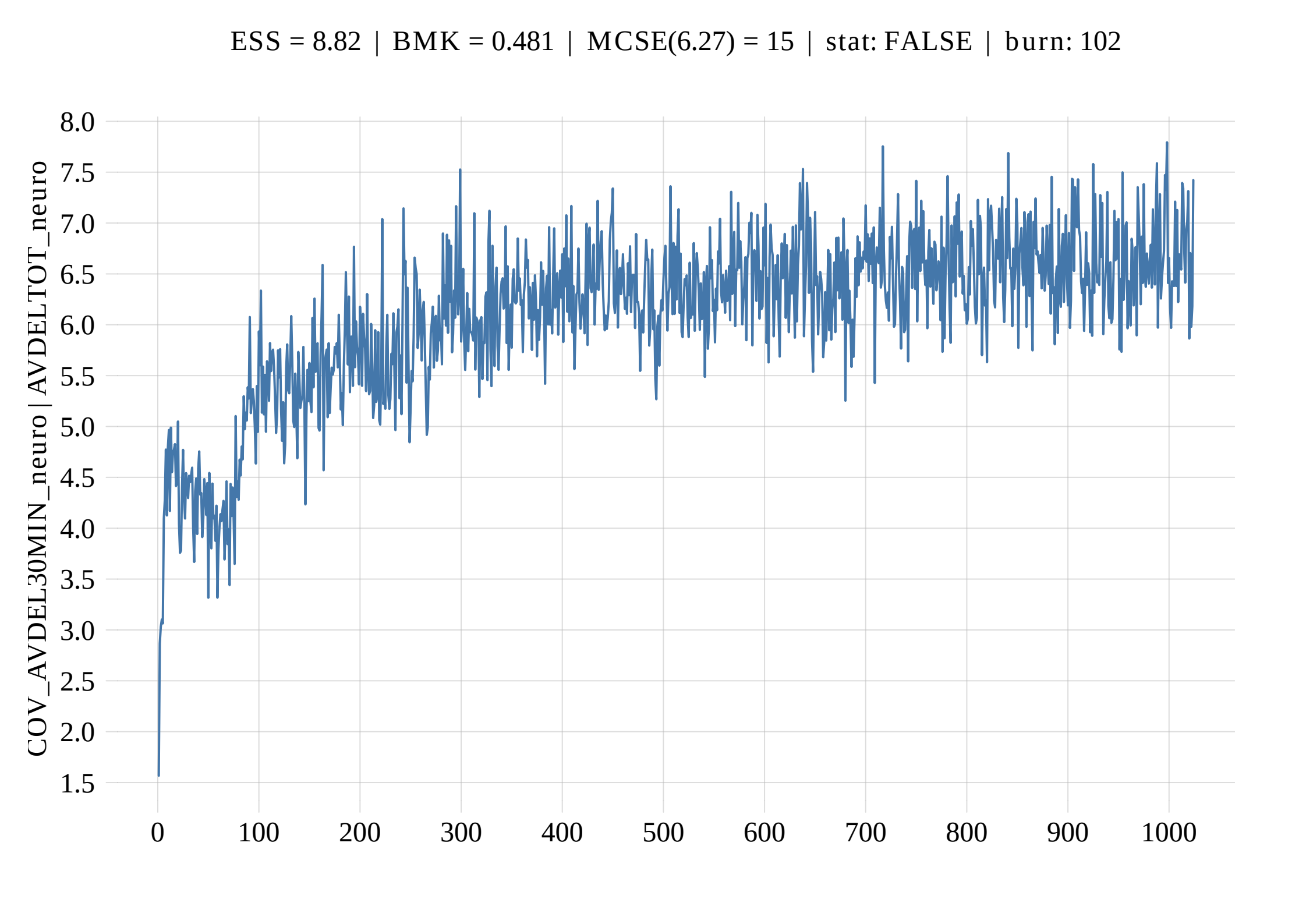

ESS = 317 | BMK = 0.0971 | MCSE(6.27) = 5.4 | stat: FALSE | burn: 0
COV_RAVLT_immediate|GDTOTAL_gds
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
100
200
300
400
500
600
700
800
900
1000

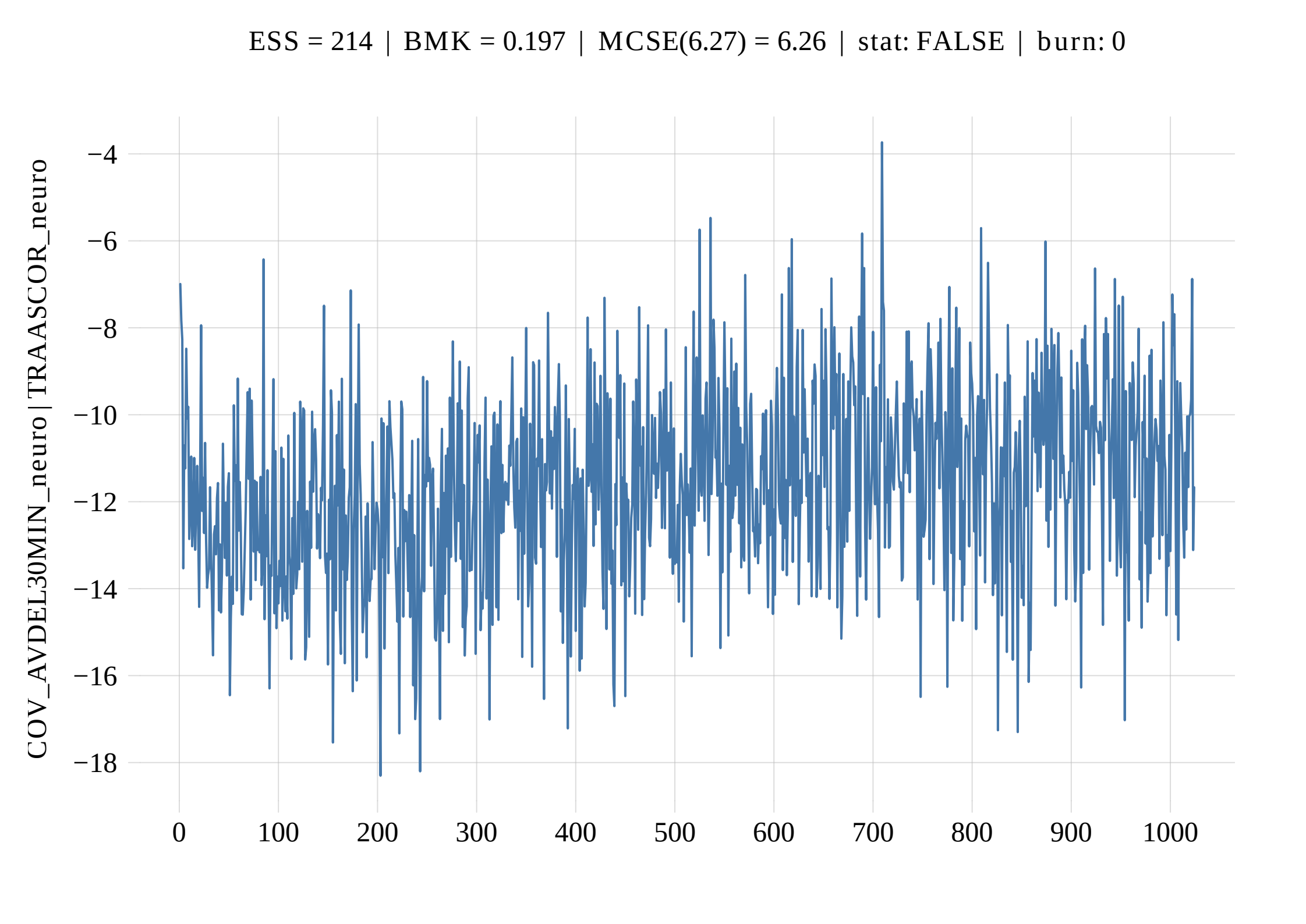

ESS = 285 | BMK = 0.0771 | MCSE(6.27) = 5.58 | stat: TRUE | burn: 0
COV_RAVLT_immediate | ANARTERR_neuro
−14
−16
−18
−20
−22
−24
−26
−28
−30
−32
−34
−36
0
100
200
300
400
500
600
700
800
900
1000

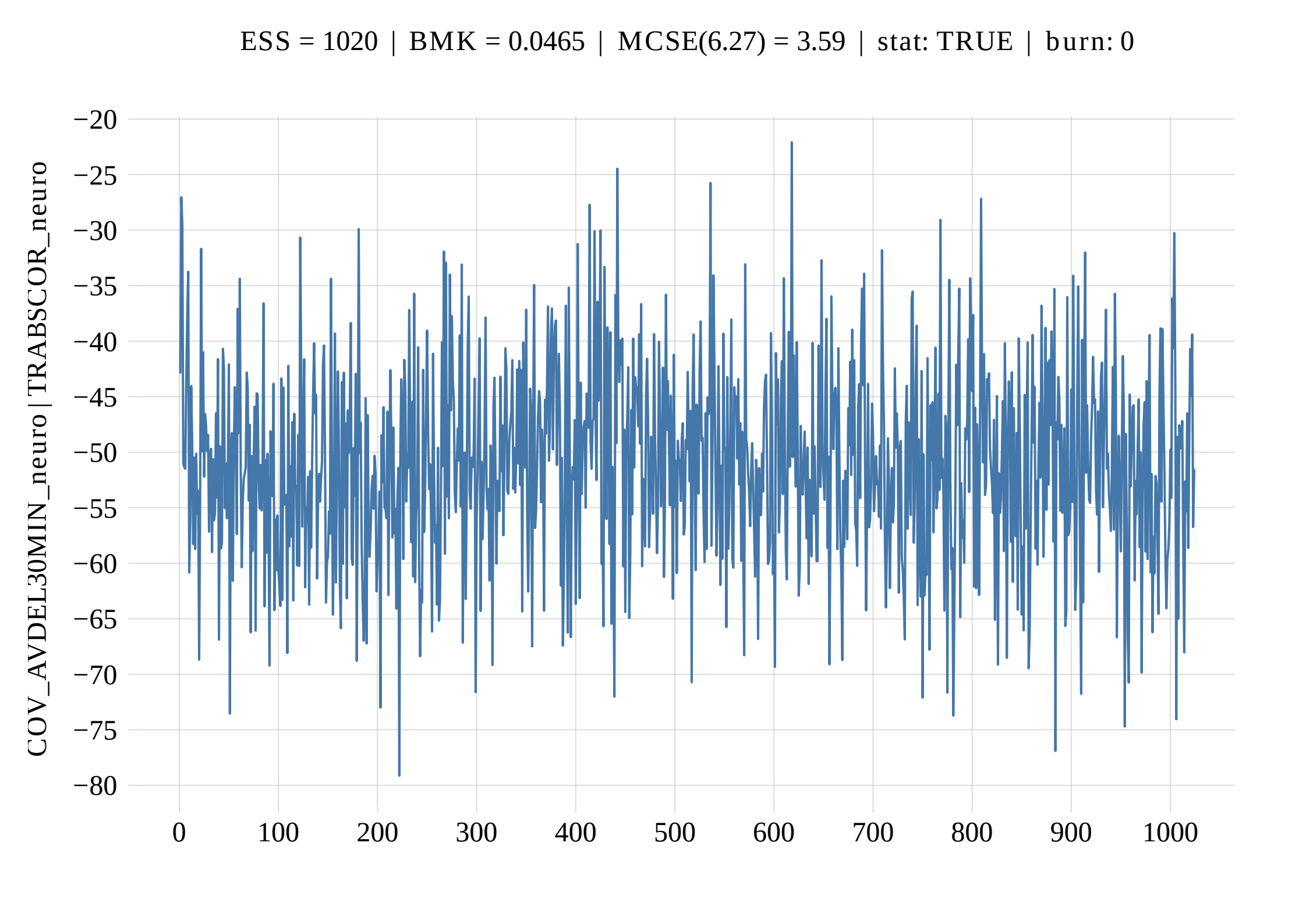

ESS = 42.9 | BMK = 0.195 | MCSE(6.27) = 10.5 | stat: FALSE | burn: 0
COV_RAVLT_immediate | Subgroup_num_
−0.6
−0.8
−1.0
−1.2
−1.4
−1.6
−1.8
−2.0
0
100
200
300
400
500
600
700
800
900
1000

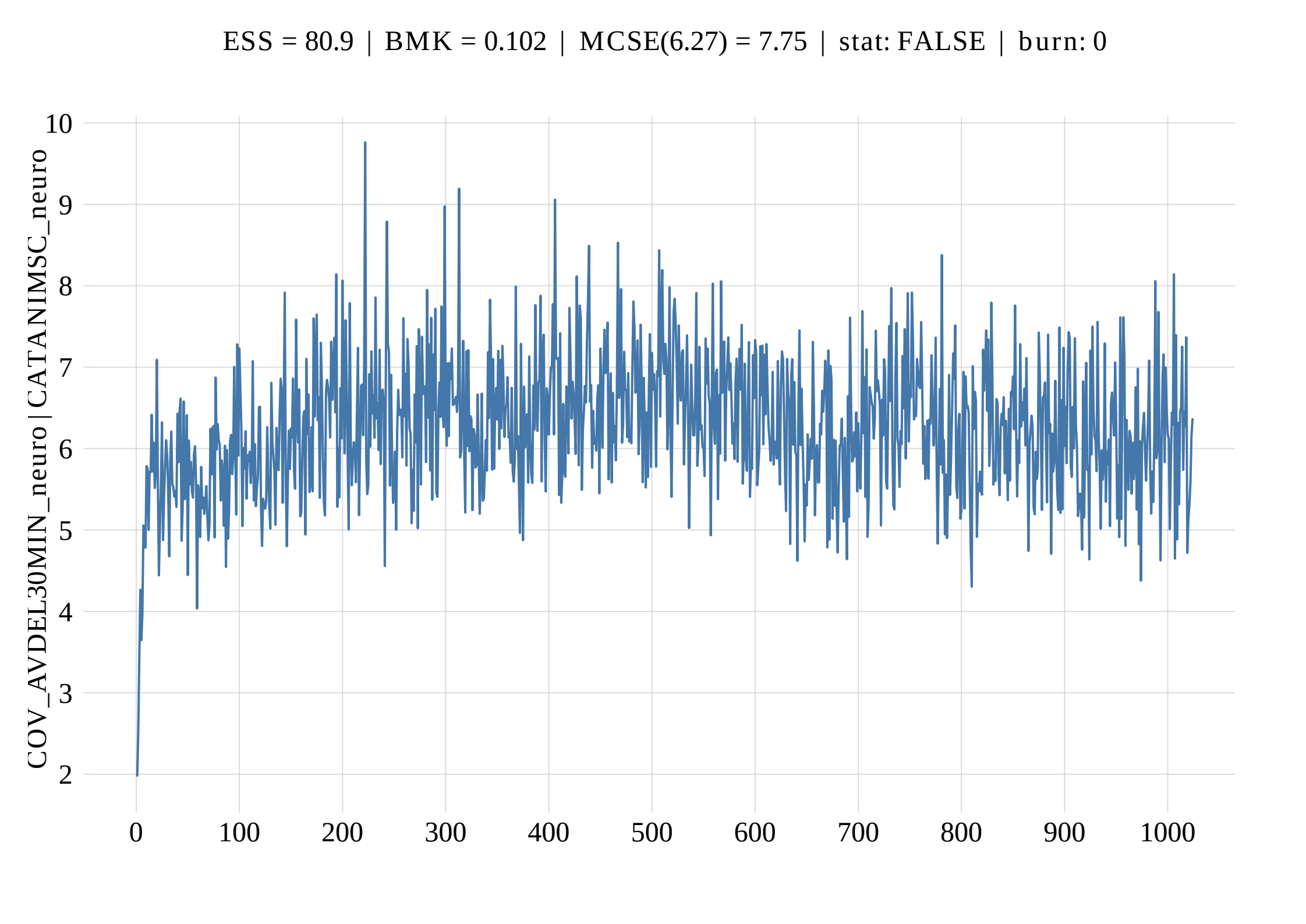

ESS = 28.8 | BMK = 0.153 | MCSE(6.27) = 9.6 | stat: FALSE | burn: 102
COV_RAVLT_immediate|Gender_num_
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0
100
200
300
400
500
600
700
800
900
1000

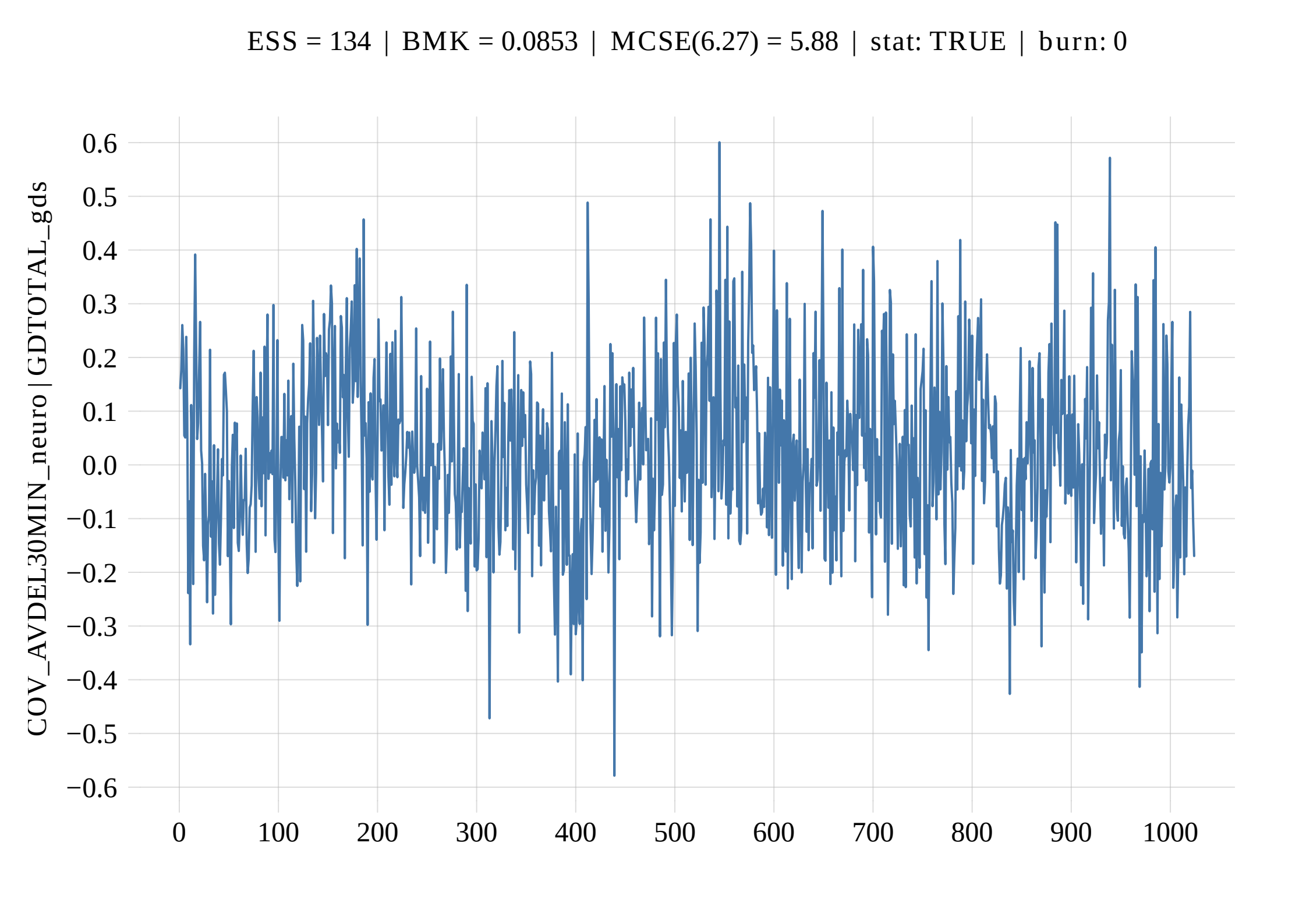

ESS = 565 | BMK = 0.0809 | MCSE(6.27) = 4.89 | stat: FALSE | burn: 0
COV_RAVLT_immediate | Apoe4_
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
−1.0
−1.1
−1.2
0
100
200
300
400
500
600
700
800
900
1000

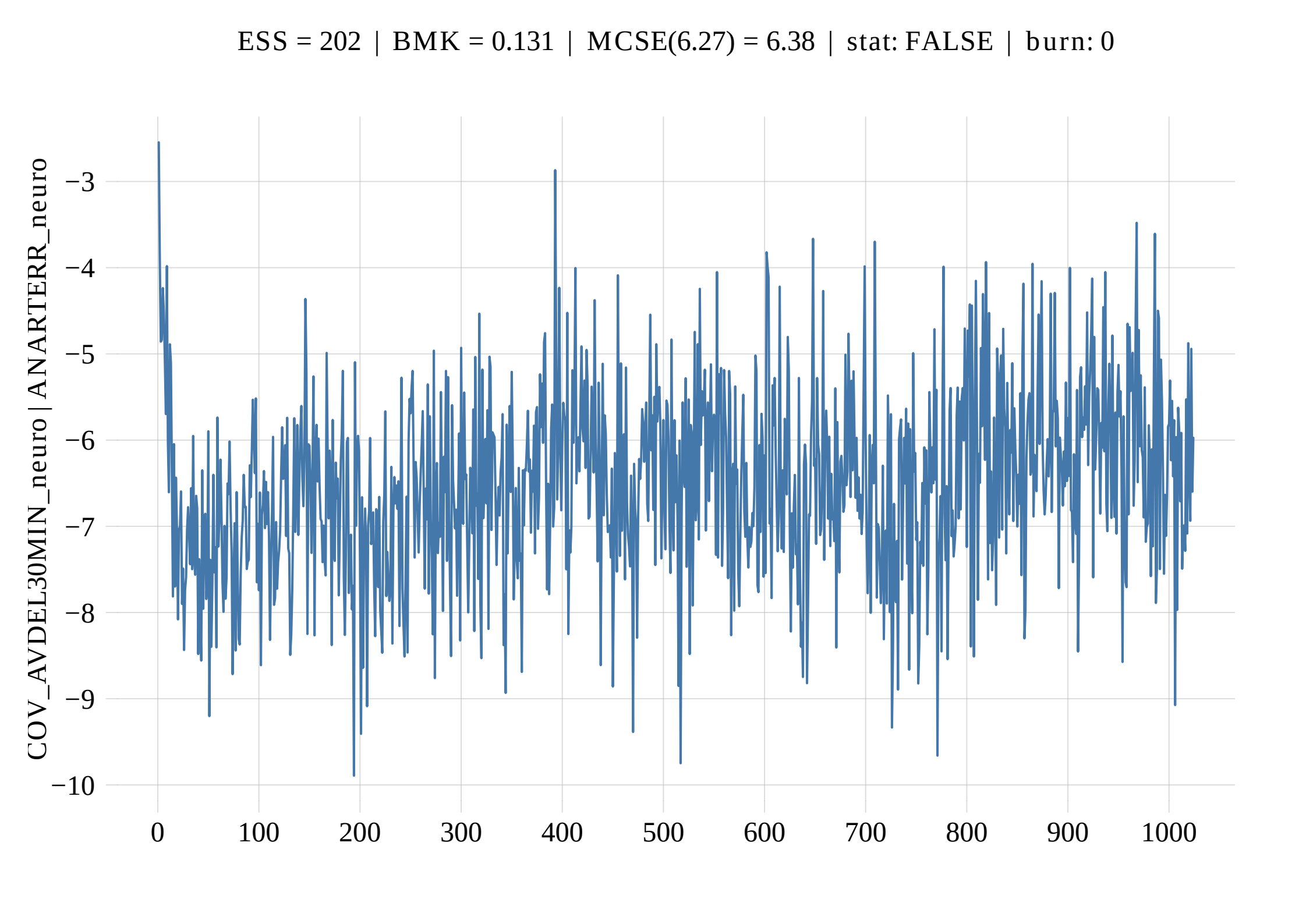

ESS = 8.82 | BMK = 0.481 | MCSE(6.27) = 15 | stat: FALSE | burn: 102
COV_AVDEL30MIN_neuro | AVDELTOT_neuro
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
0
100
200
300
400
500
600
700
800
900
1000

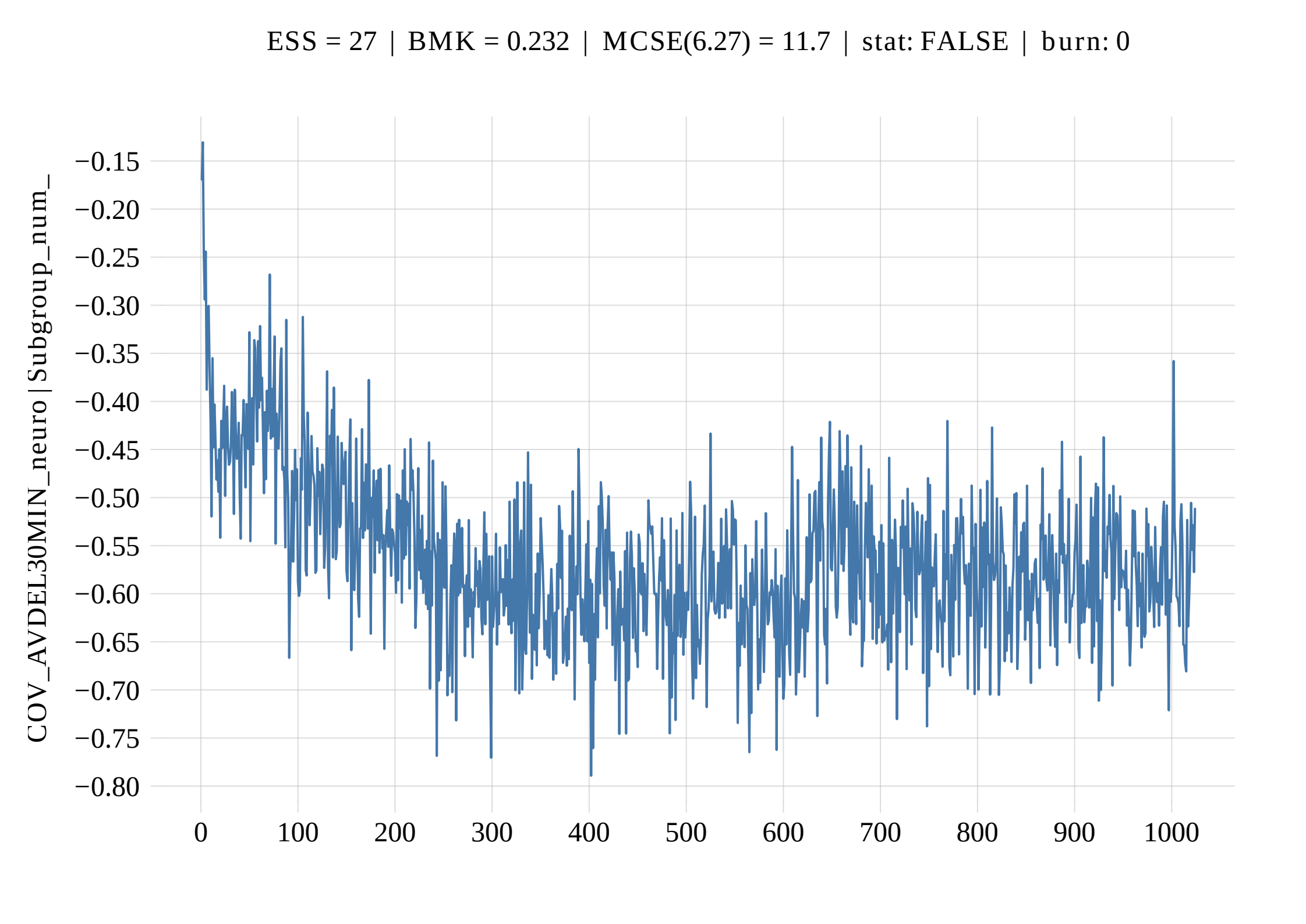

ESS = 214 | BMK = 0.197 | MCSE(6.27) = 6.26 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro | TRAASCOR_neuro
−4
−6
−8
−10
−12
−14
−16
−18
0
100
200
300
400
500
600
700
800
900
1000

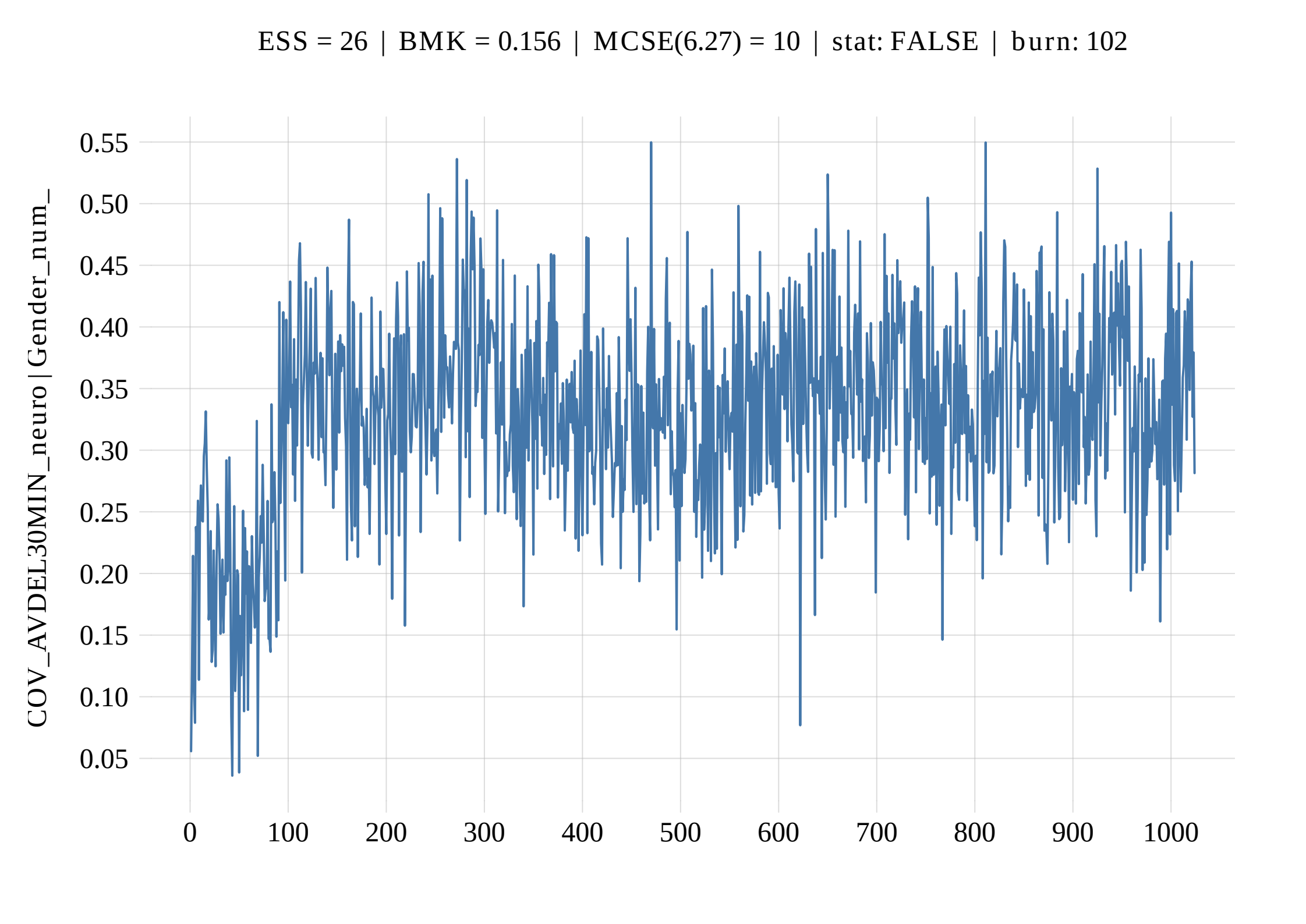

ESS = 1020 | BMK = 0.0465 | MCSE(6.27) = 3.59 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro | TRABSCOR_neuro
−20
−25
−30
−35
−40
−45
−50
−55
−60
−65
−70
−75
−80
0
100
200
300
400
500
600
700
800
900
1000

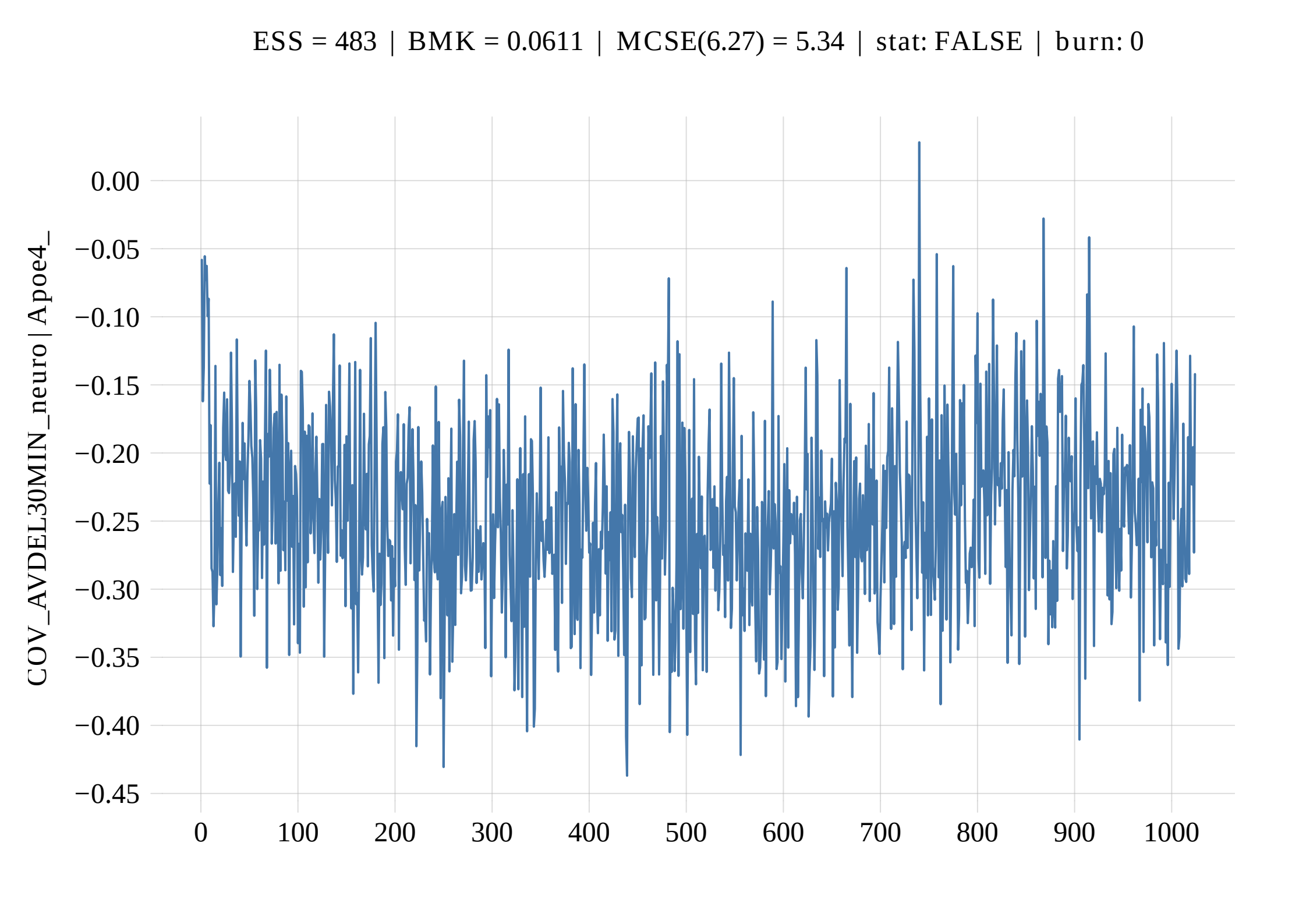

ESS = 80.9 | BMK = 0.102 | MCSE(6.27) = 7.75 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro | CATANIMSC_neuro
10
9
8
7
6
5
4
3
2
0
100
200
300
400
500
600
700
800
900
1000

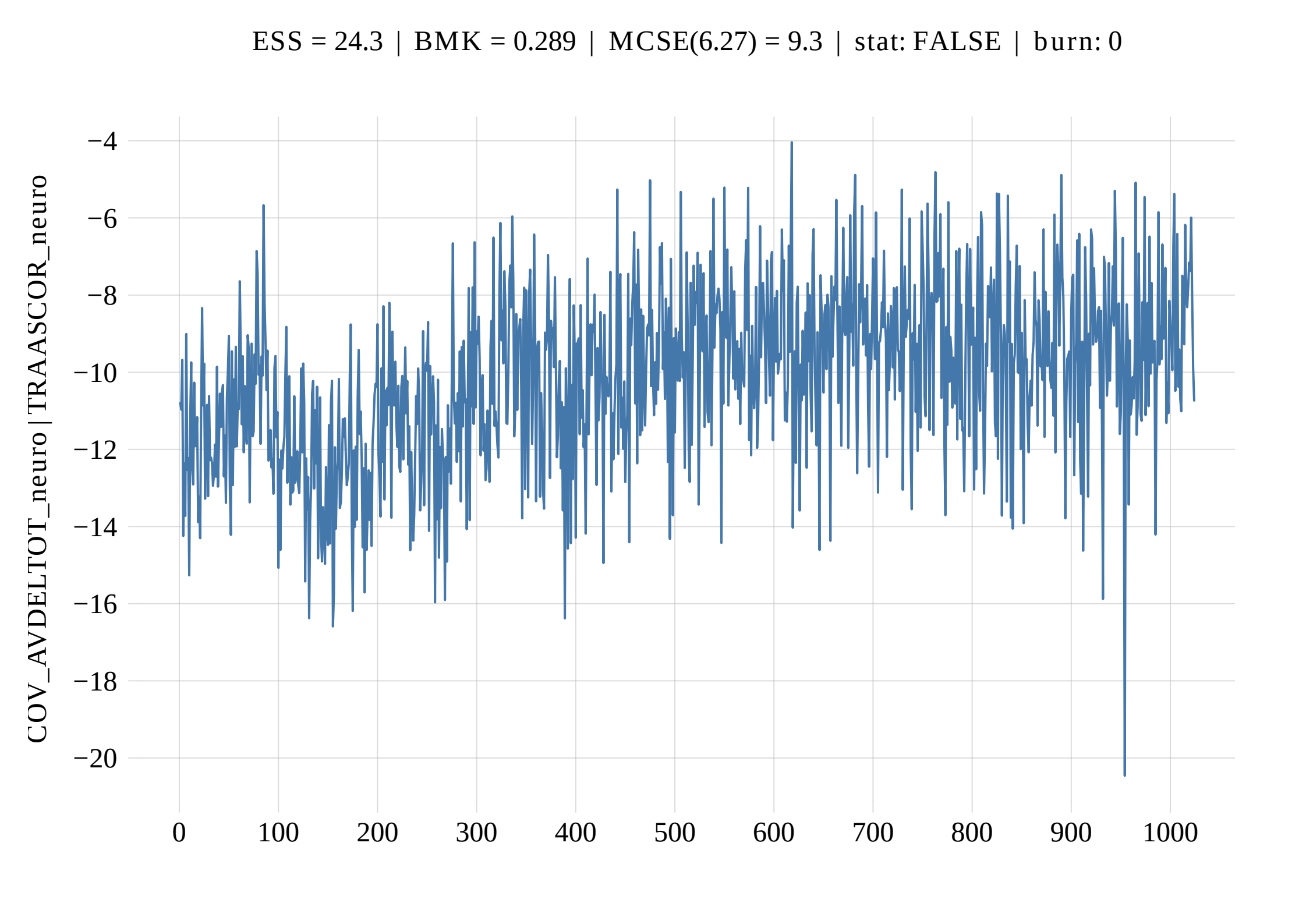

ESS = 134 | BMK = 0.0853 | MCSE(6.27) = 5.88 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro | GDTOTAL_gds
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
0
100
200
300
400
500
600
700
800
900
1000

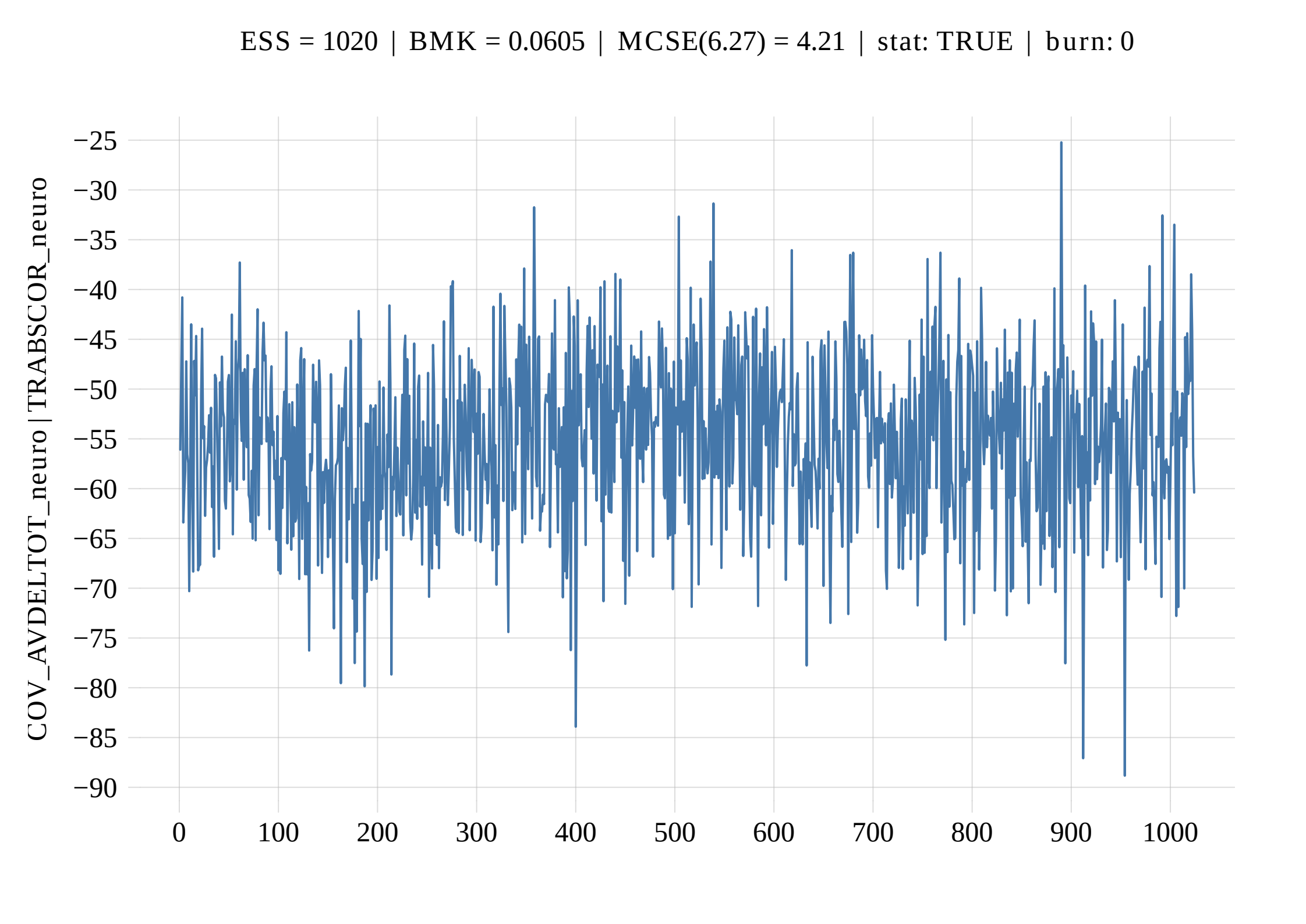

ESS = 202 | BMK = 0.131 | MCSE(6.27) = 6.38 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro | ANARTERR_neuro
−3
−4
−5
−6
−7
−8
−9
−10
0
100
200
300
400
500
600
700
800
900
1000

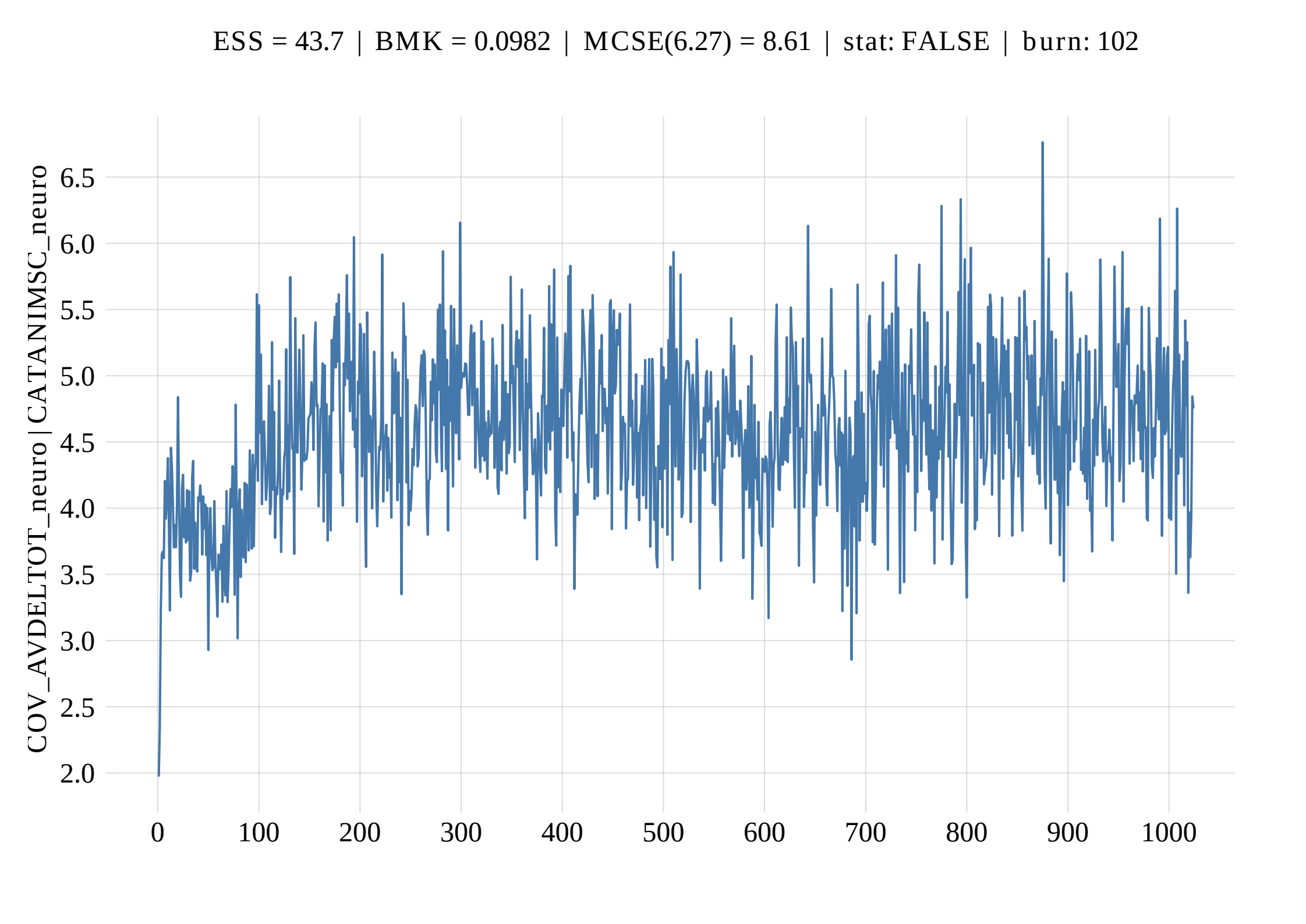

ESS = 27 | BMK = 0.232 | MCSE(6.27) = 11.7 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro|Subgroup_num_
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
−0.55
−0.60
−0.65
−0.70
−0.75
−0.80
0
100
200
300
400
500
600
700
800
900
1000

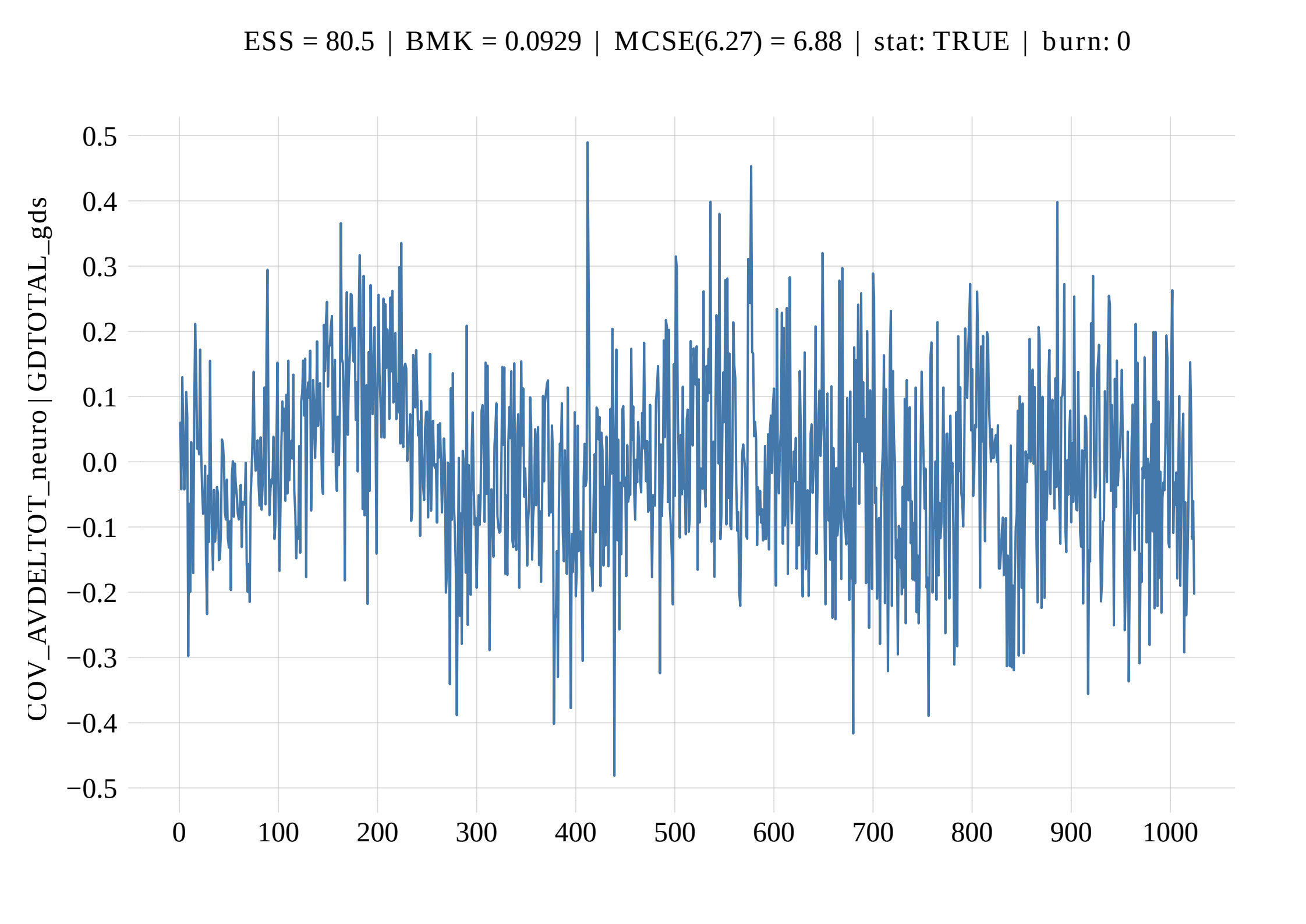

ESS = 26 | BMK = 0.156 | MCSE(6.27) = 10 | stat: FALSE | burn: 102
COV_AVDEL30MIN_neuro|Gender_num_
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0
100
200
300
400
500
600
700
800
900
1000

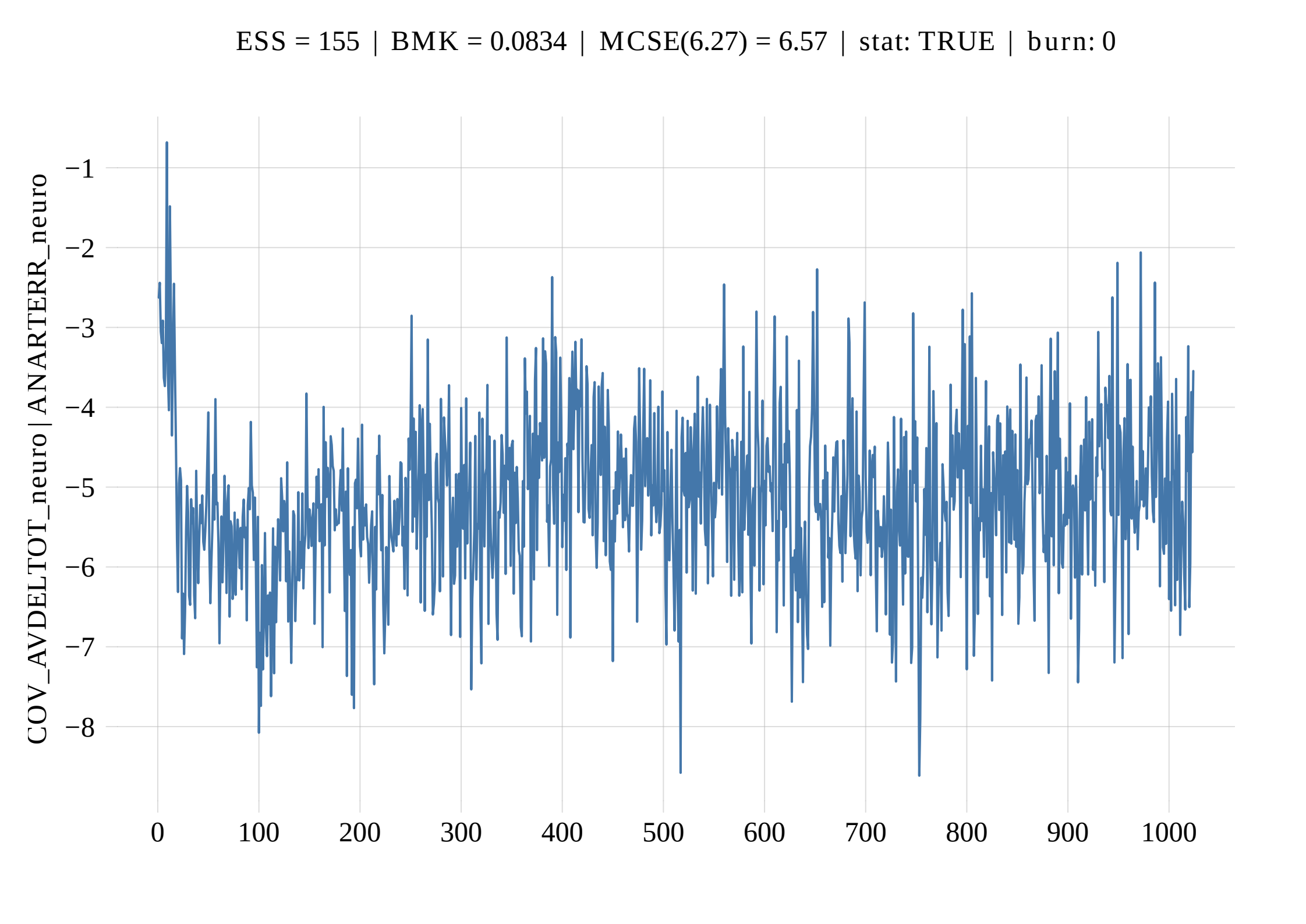

ESS = 483 | BMK = 0.0611 | MCSE(6.27) = 5.34 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro | Apoe4_
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
0
100
200
300
400
500
600
700
800
900
1000

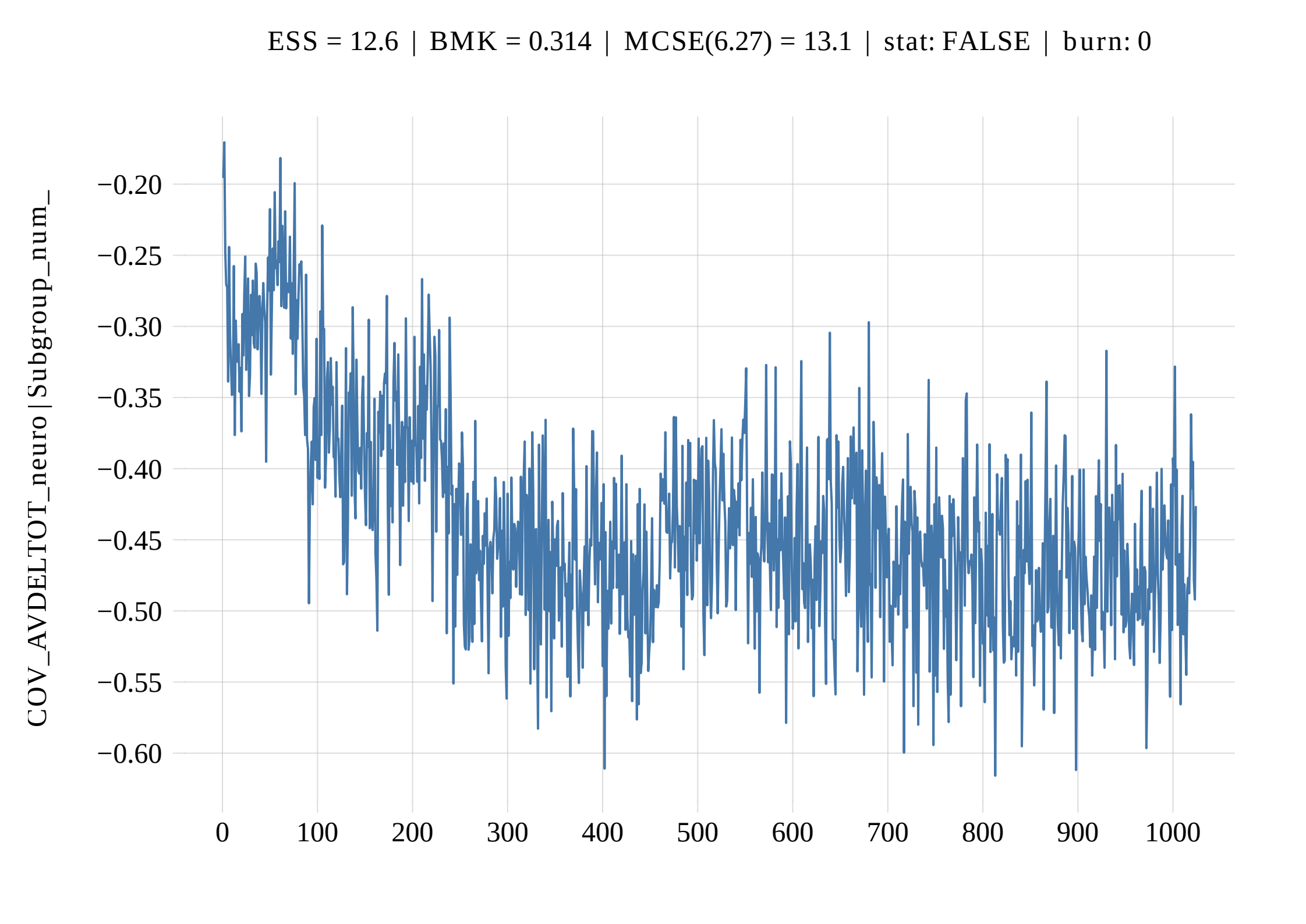

ESS = 24.3 | BMK = 0.289 | MCSE(6.27) = 9.3 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | TRAASCOR_neuro
−4
−6
−8
−10
−12
−14
−16
−18
−20
0
100
200
300
400
500
600
700
800
900
1000

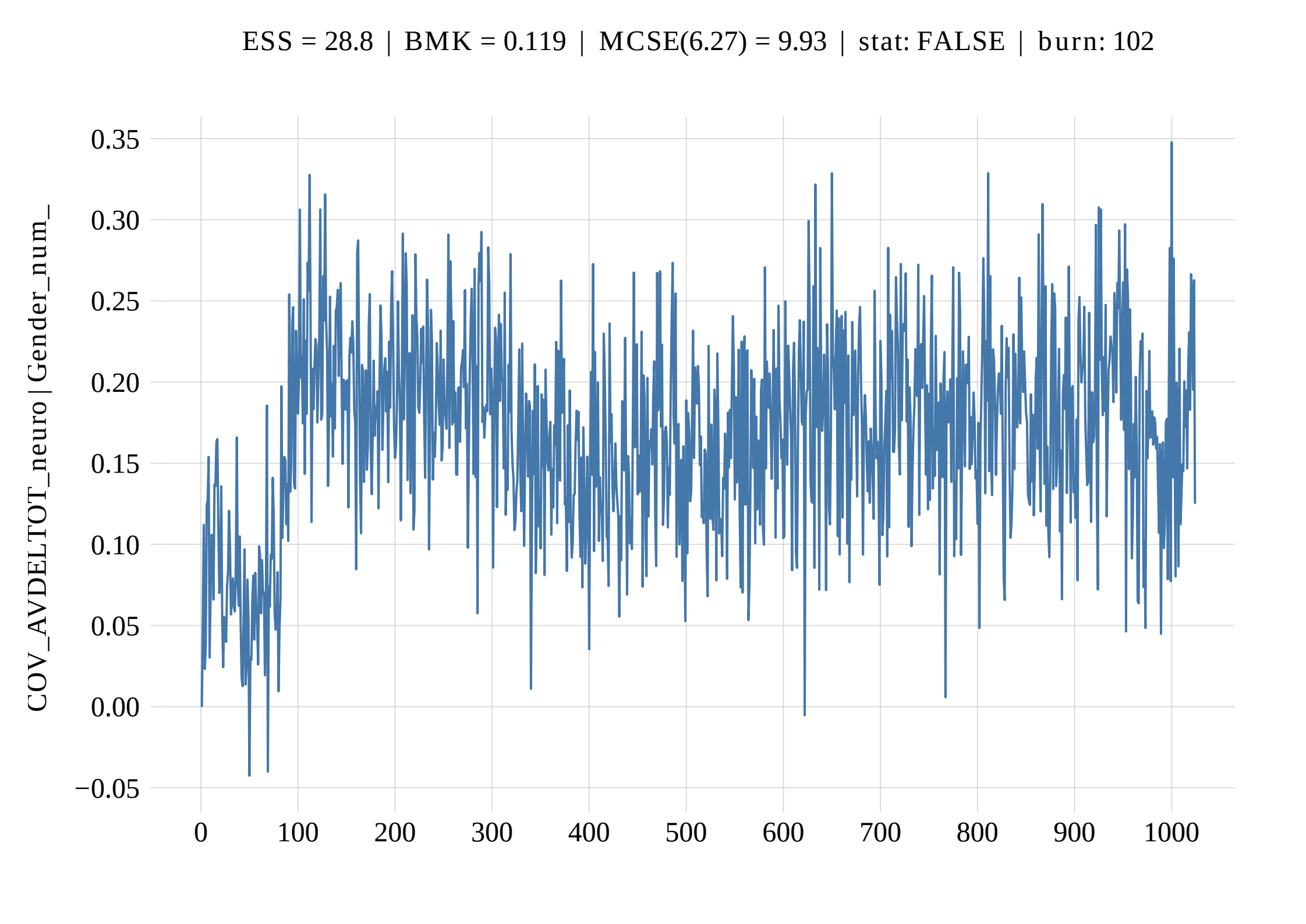

ESS = 1020 | BMK = 0.0605 | MCSE(6.27) = 4.21 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | TRABSCOR_neuro
−25
−30
−35
−40
−45
−50
−55
−60
−65
−70
−75
−80
−85
−90
0
100
200
300
400
500
600
700
800
900
1000

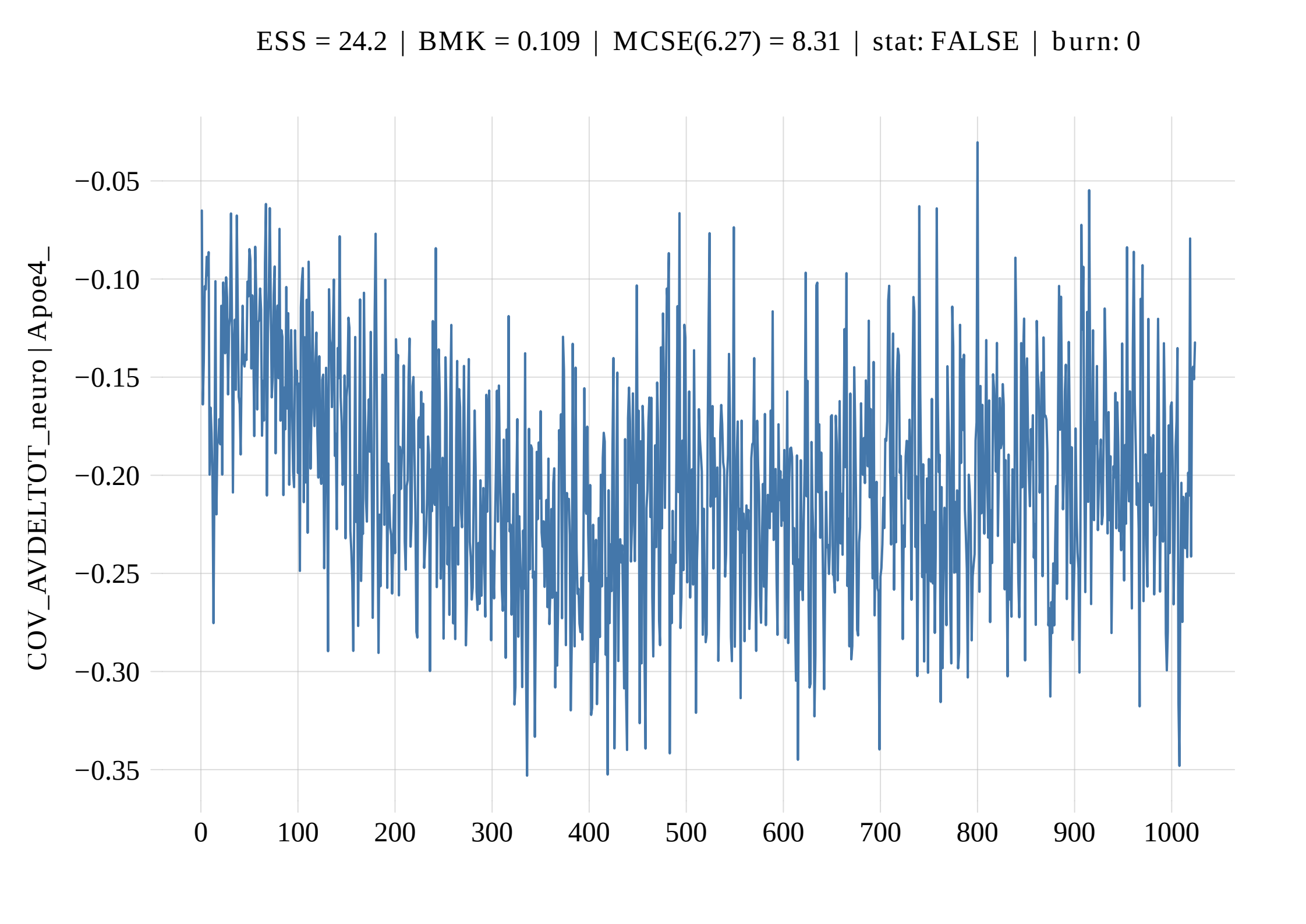

ESS = 43.7 | BMK = 0.0982 | MCSE(6.27) = 8.61 | stat: FALSE | burn: 102
COV_AVDELTOT_neuro|CATANIMSC_neuro
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
0
100
200
300
400
500
600
700
800
900
1000

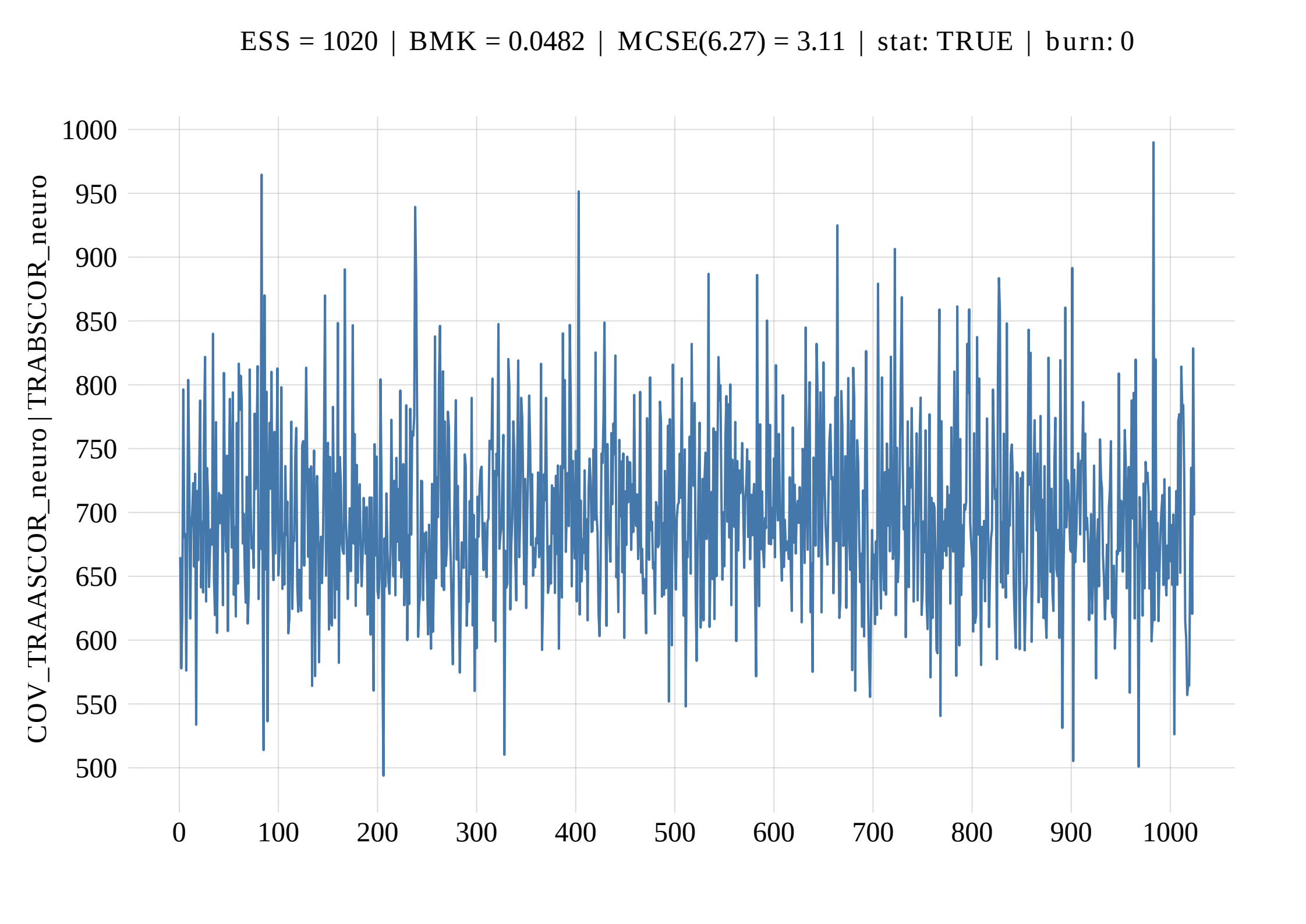

ESS = 80.5 | BMK = 0.0929 | MCSE(6.27) = 6.88 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | GDTOTAL_gds
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
0
100
200
300
400
500
600
700
800
900
1000

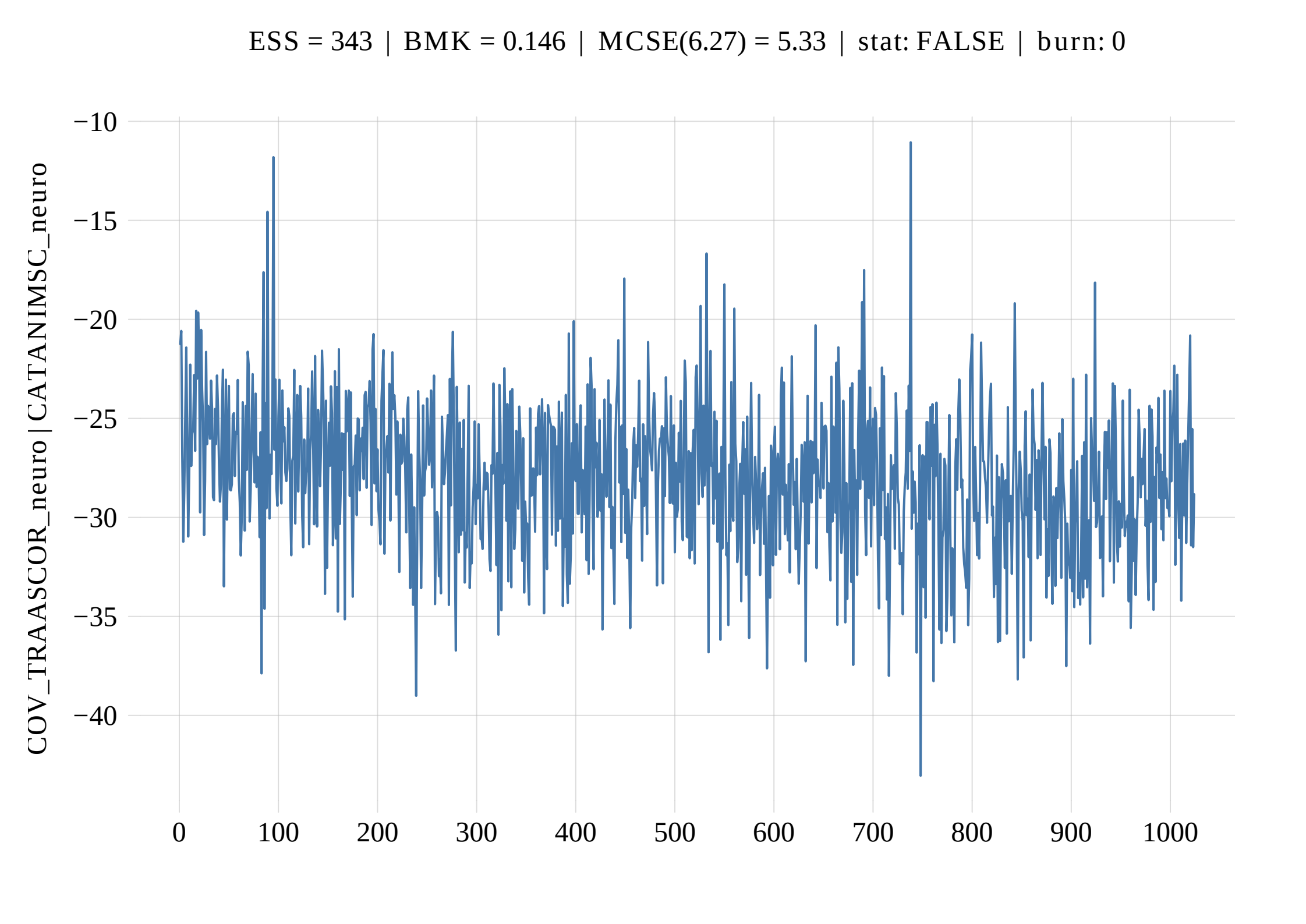

ESS = 155 | BMK = 0.0834 | MCSE(6.27) = 6.57 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | ANARTERR_neuro
−1
−2
−3
−4
−5
−6
−7
−8
0
100
200
300
400
500
600
700
800
900
1000

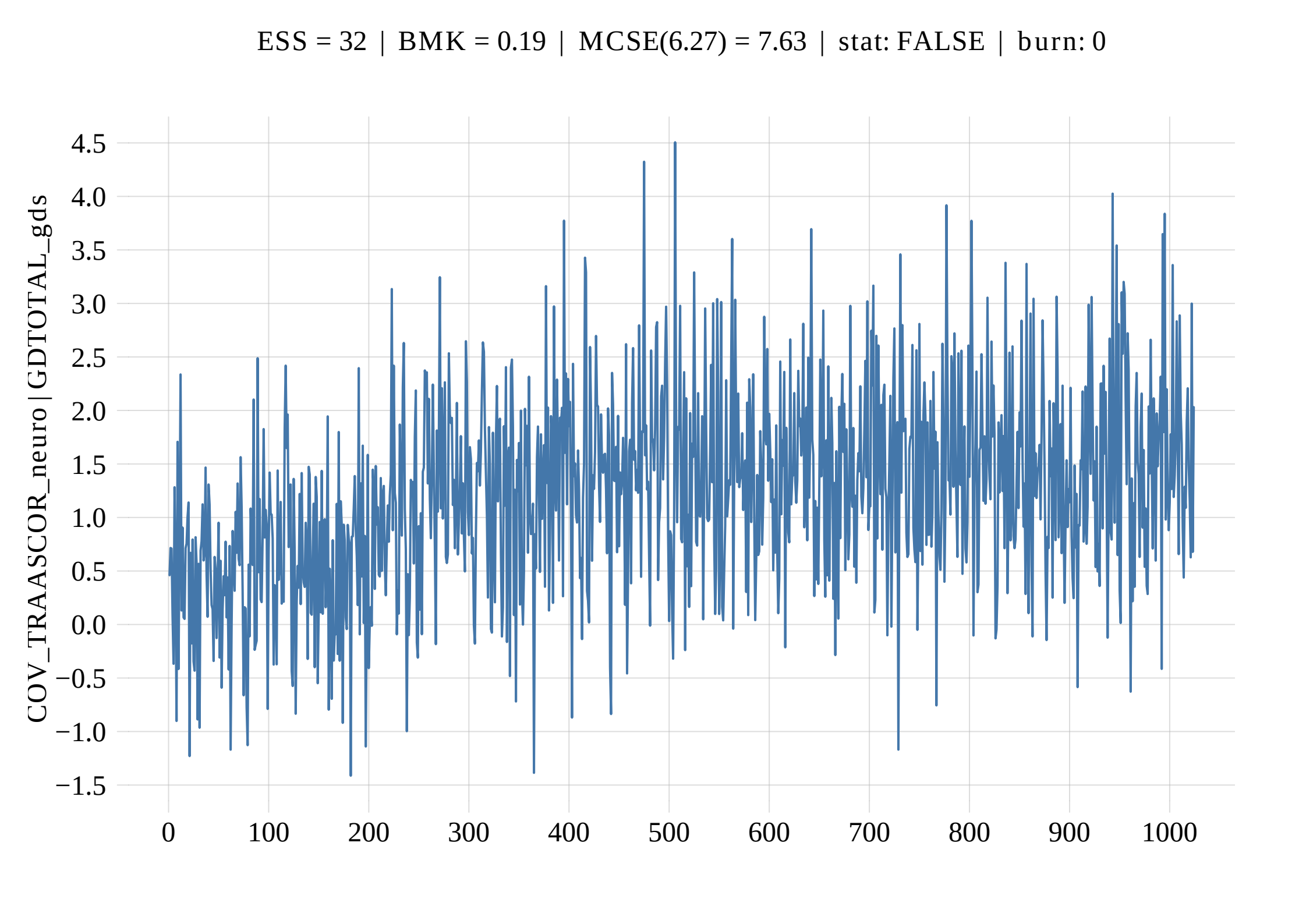

ESS = 12.6 | BMK = 0.314 | MCSE(6.27) = 13.1 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro|Subgroup_num_
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
−0.55
−0.60
0
100
200
300
400
500
600
700
800
900
1000

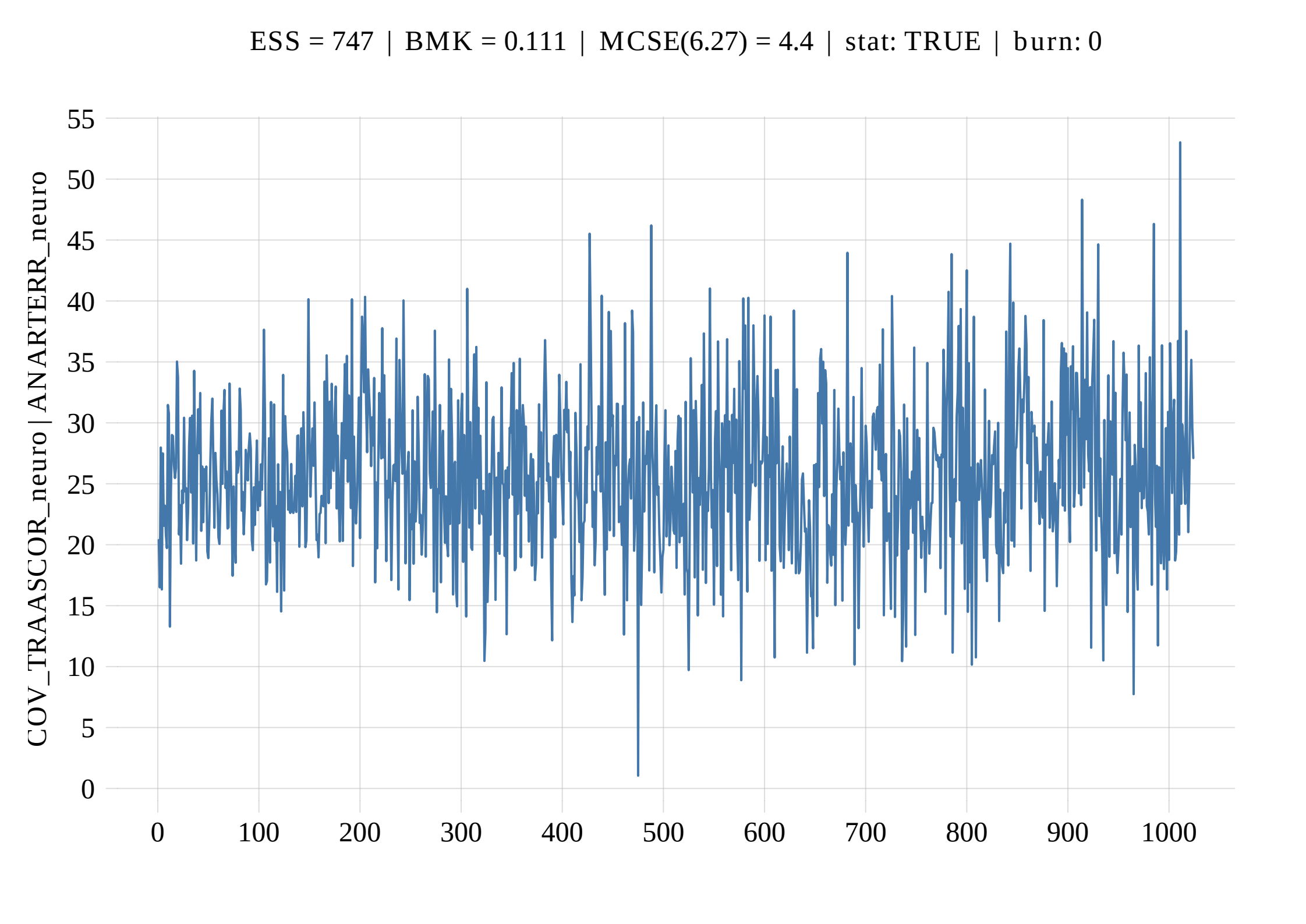

ESS = 28.8 | BMK = 0.119 | MCSE(6.27) = 9.93 | stat: FALSE | burn: 102
COV_AVDELTOT_neuro | Gender_num_
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
100
200
300
400
500
600
700
800
900
1000

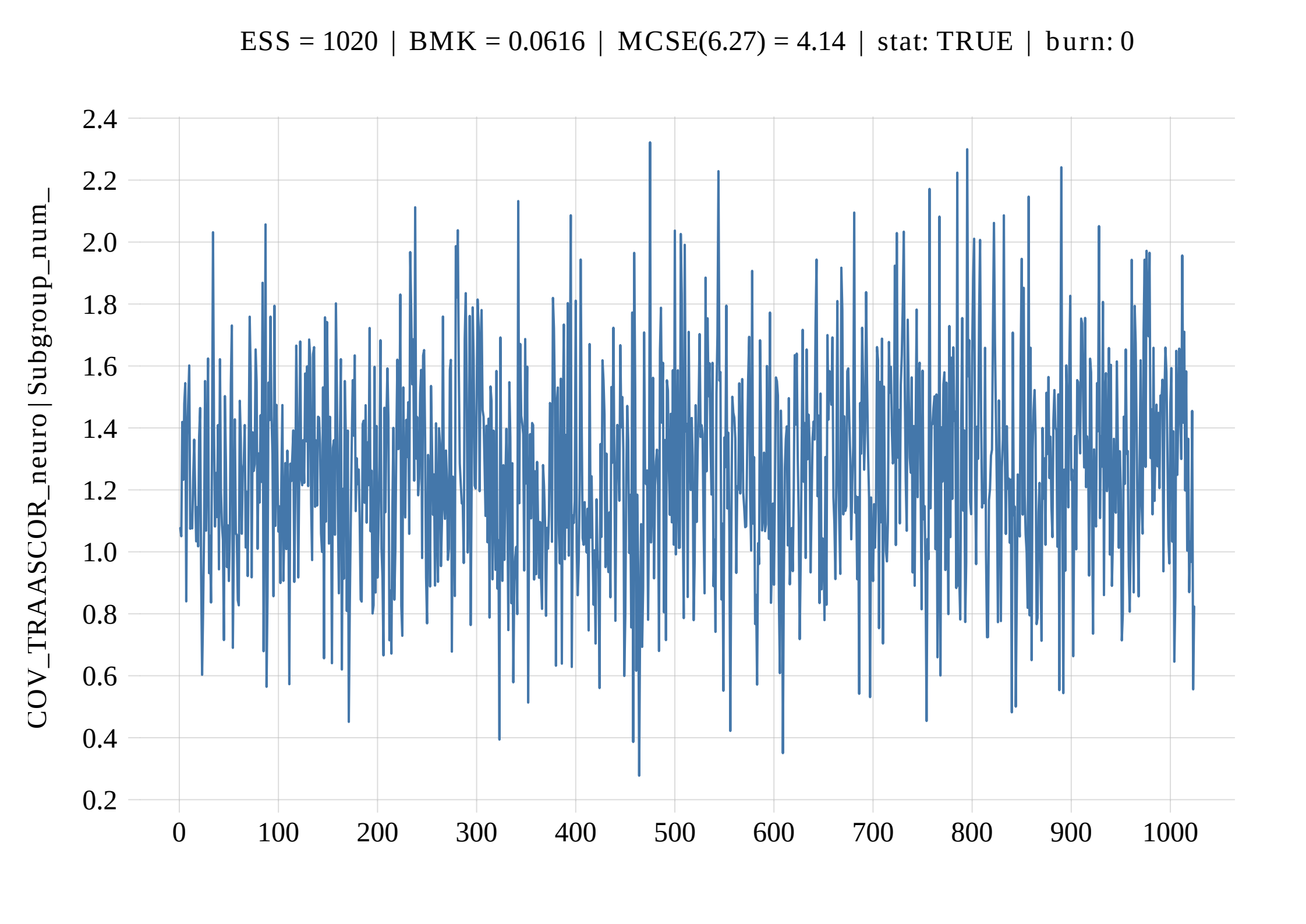

ESS = 24.2 | BMK = 0.109 | MCSE(6.27) = 8.31 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | Apoe4_
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
0
100
200
300
400
500
600
700
800
900
1000

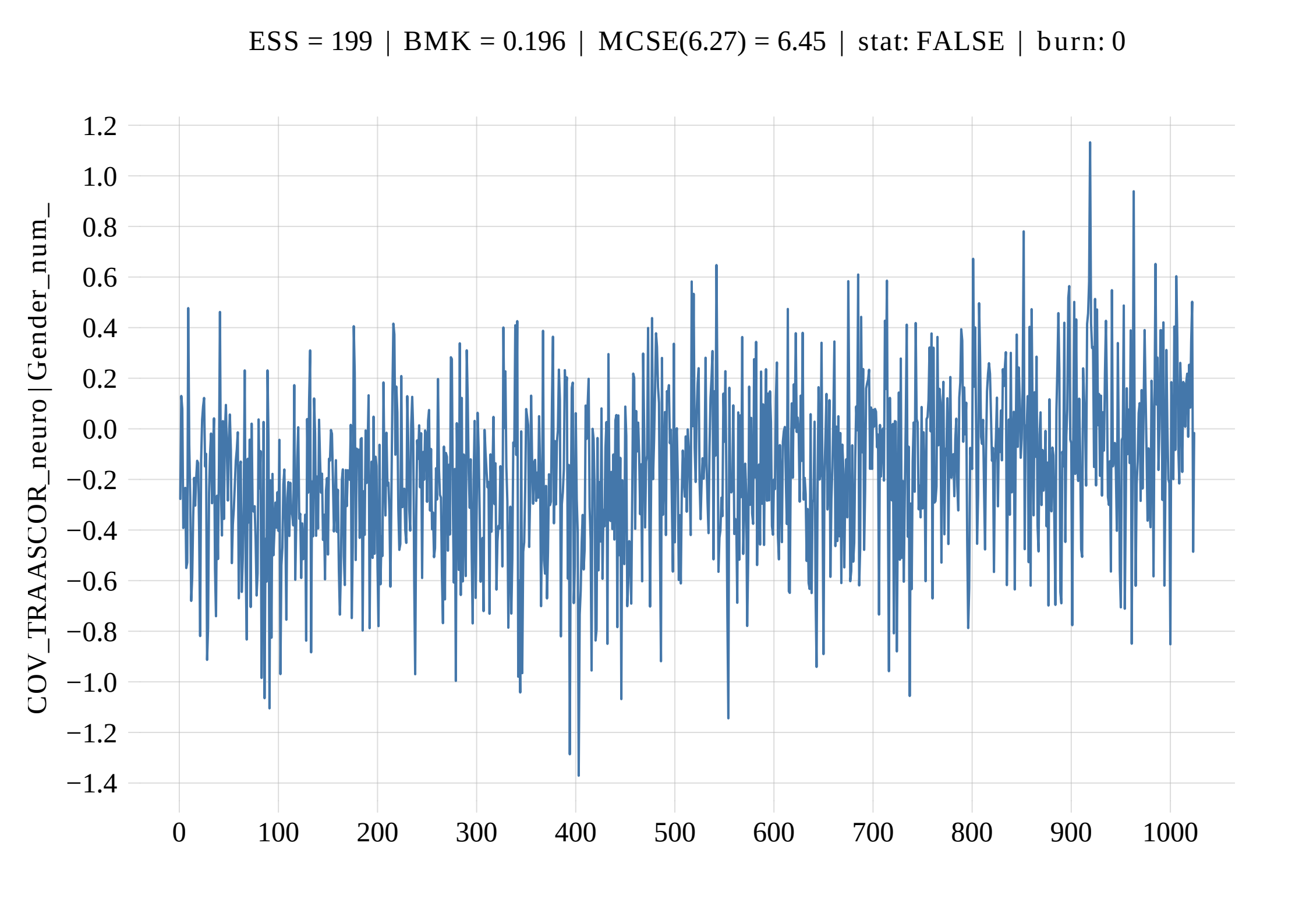

ESS = 1020 | BMK = 0.0482 | MCSE(6.27) = 3.11 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro | TRABSCOR_neuro
1000
950
900
850
800
750
700
650
600
550
500
0
100
200
300
400
500
600
700
800
900
1000

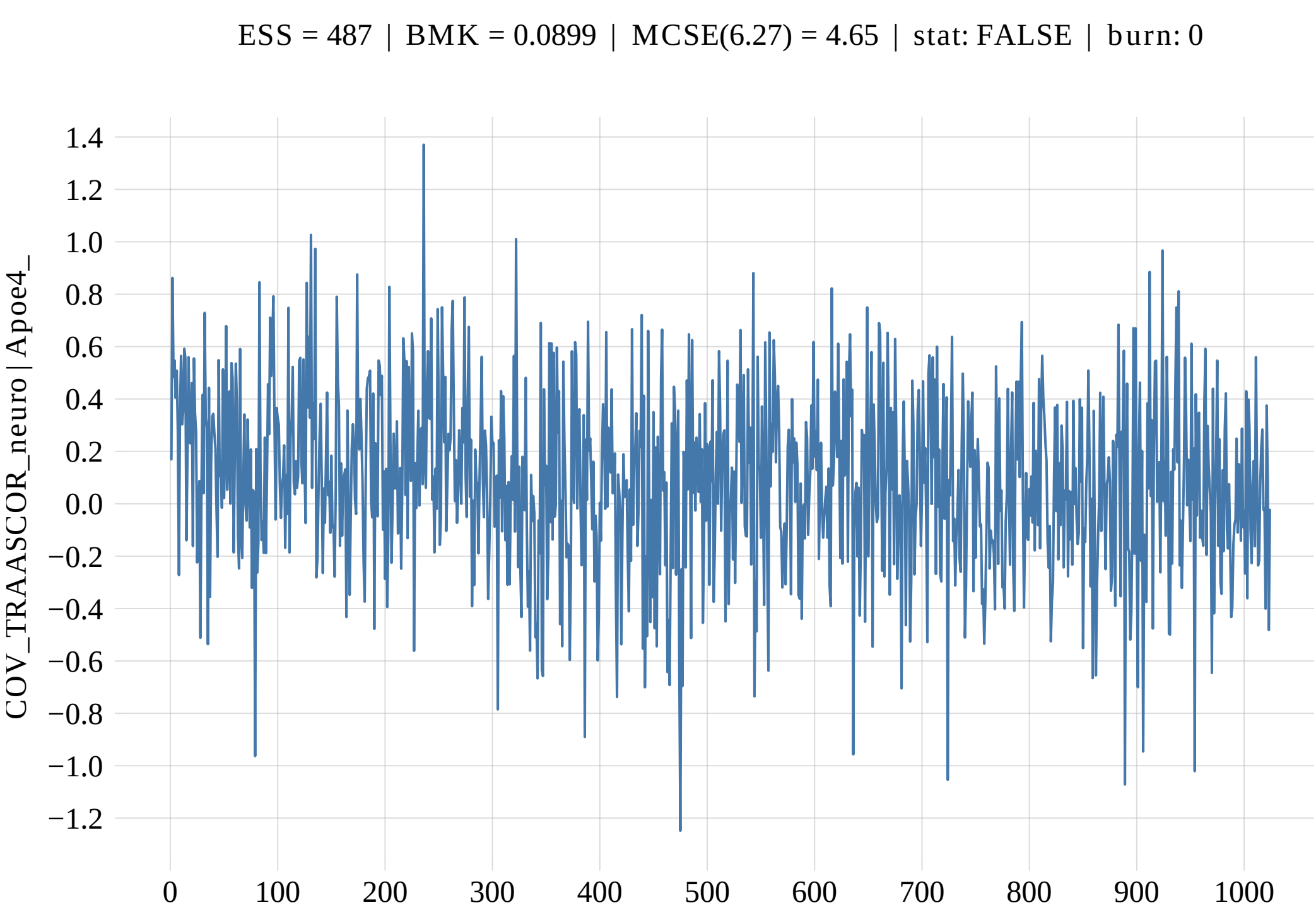

ESS = 343 | BMK = 0.146 | MCSE(6.27) = 5.33 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro | CATANIMSC_neuro
−10
−15
−20
−25
−30
−35
−40
0
100
200
300
400
500
600
700
800
900
1000

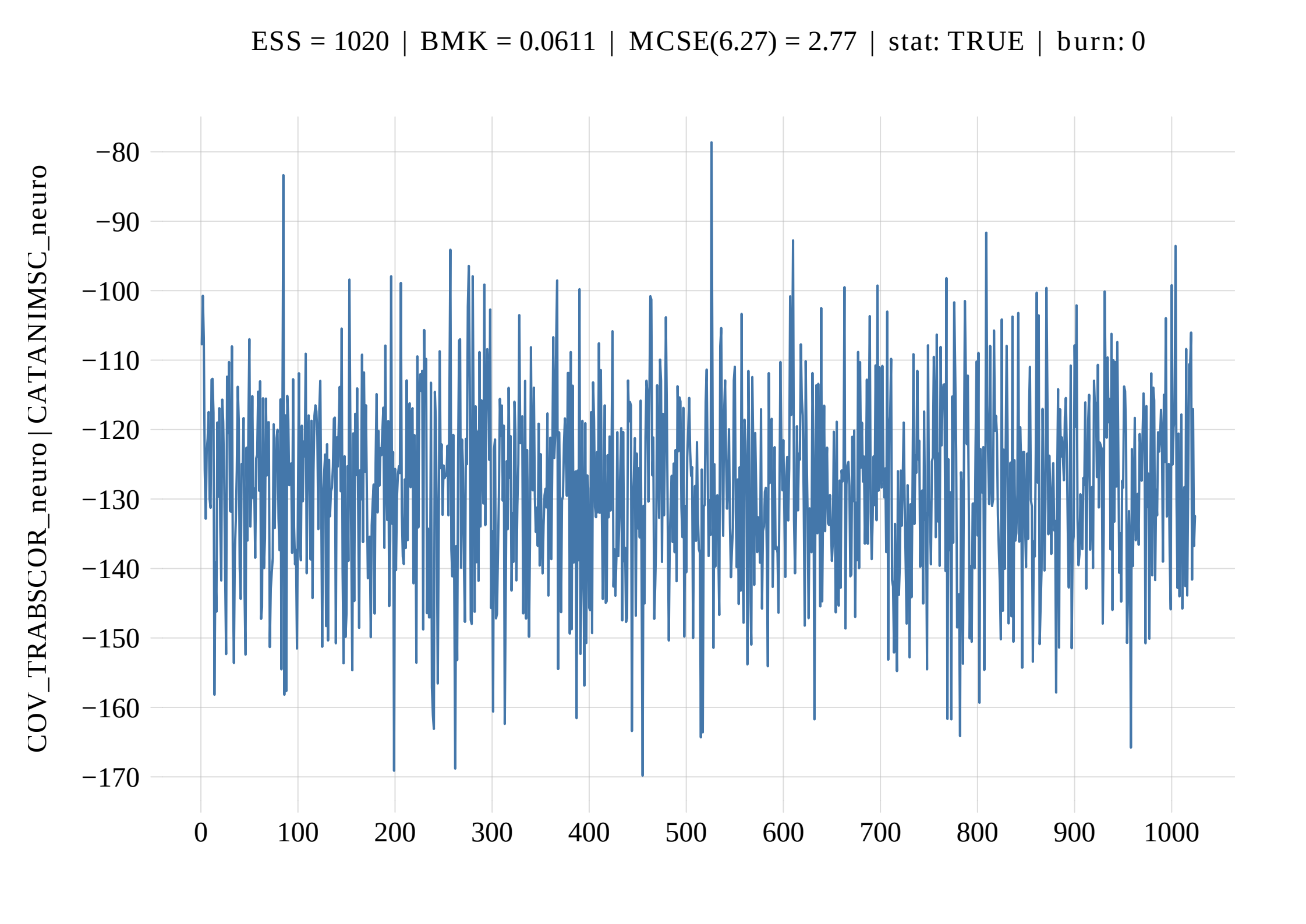

ESS = 32 | BMK = 0.19 | MCSE(6.27) = 7.63 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro|GDTOTAL_gds
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
100
200
300
400
500
600
700
800
900
1000

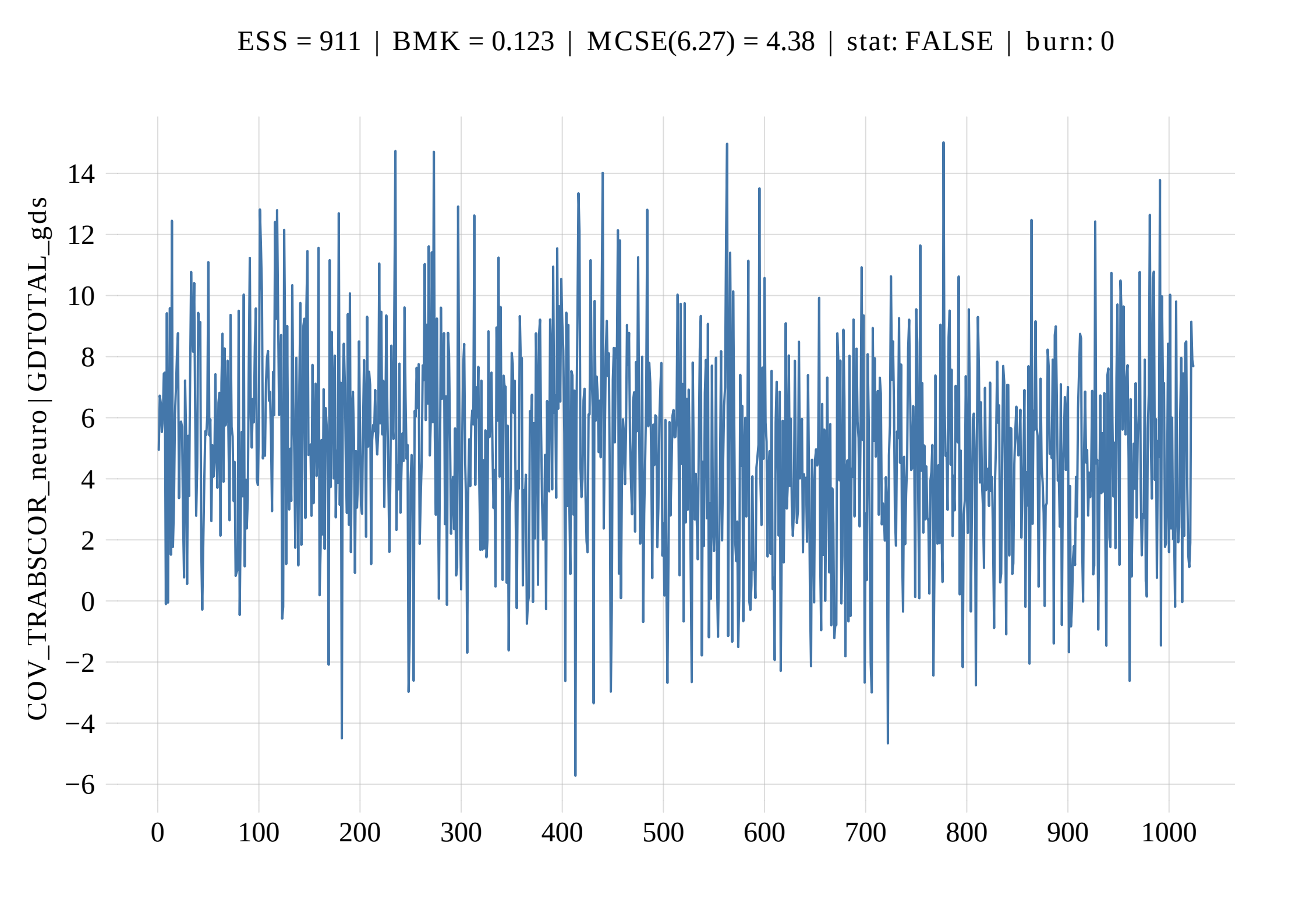

ESS = 747 | BMK = 0.111 | MCSE(6.27) = 4.4 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro | ANARTERR_neuro
55
50
45
40
35
30
25
20
15
10
5
0
0
100
200
300
400
500
600
700
800
900
1000

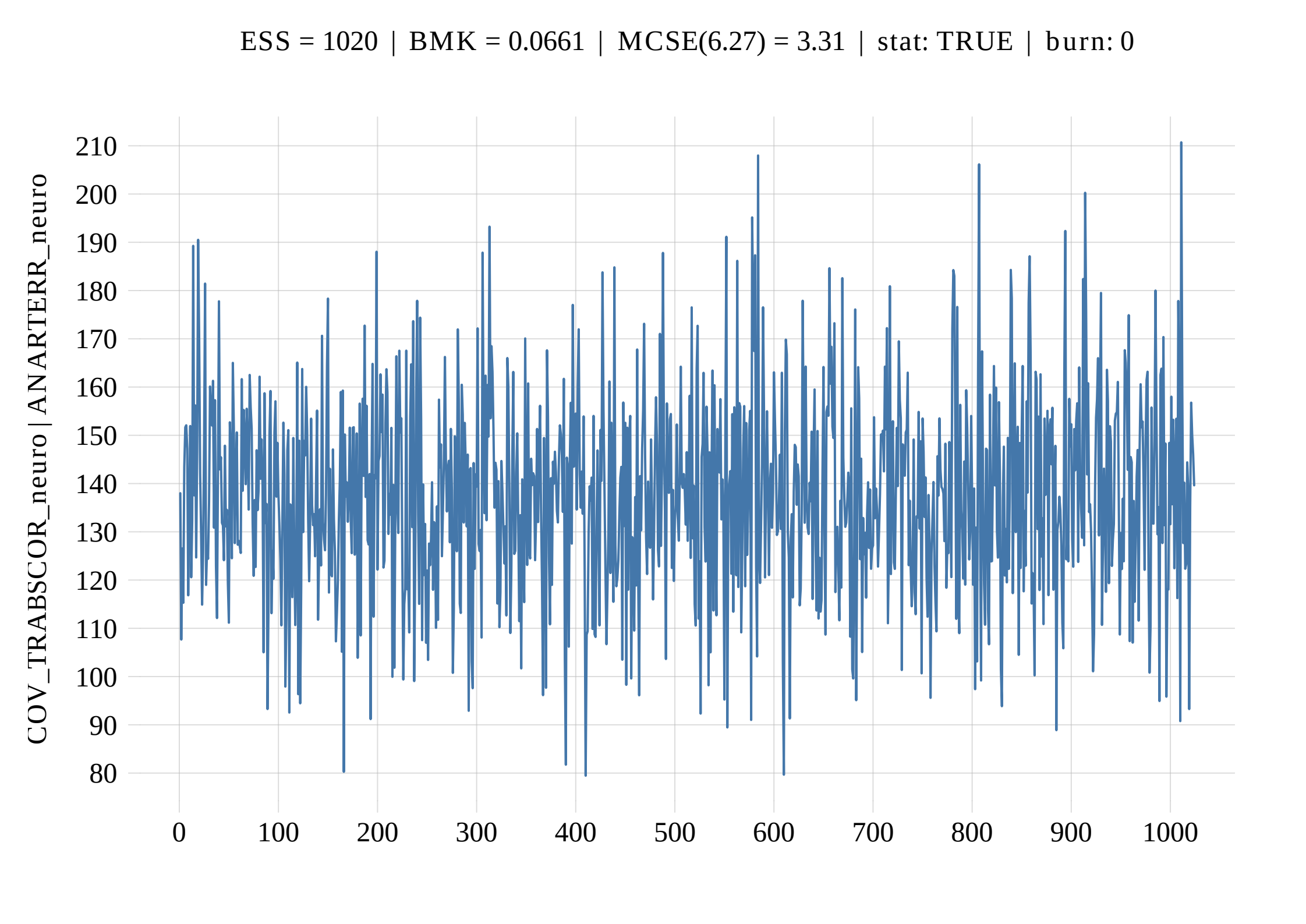

ESS = 1020 | BMK = 0.0616 | MCSE(6.27) = 4.14 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|Subgroup_num_
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0
100
200
300
400
500
600
700
800
900
1000

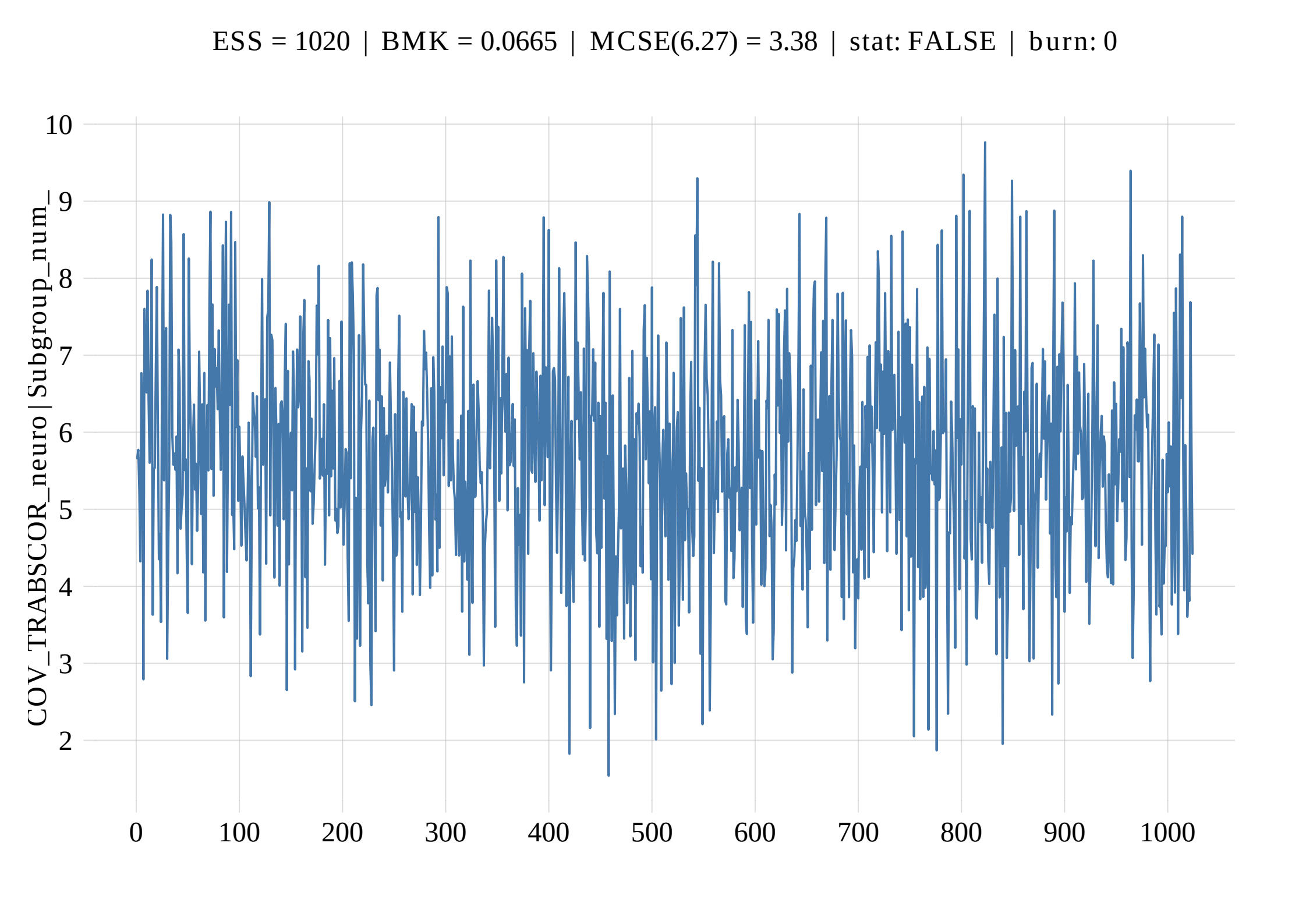

ESS = 199 | BMK = 0.196 | MCSE(6.27) = 6.45 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro|Gender_num_
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
0
100
200
300
400
500
600
700
800
900
1000

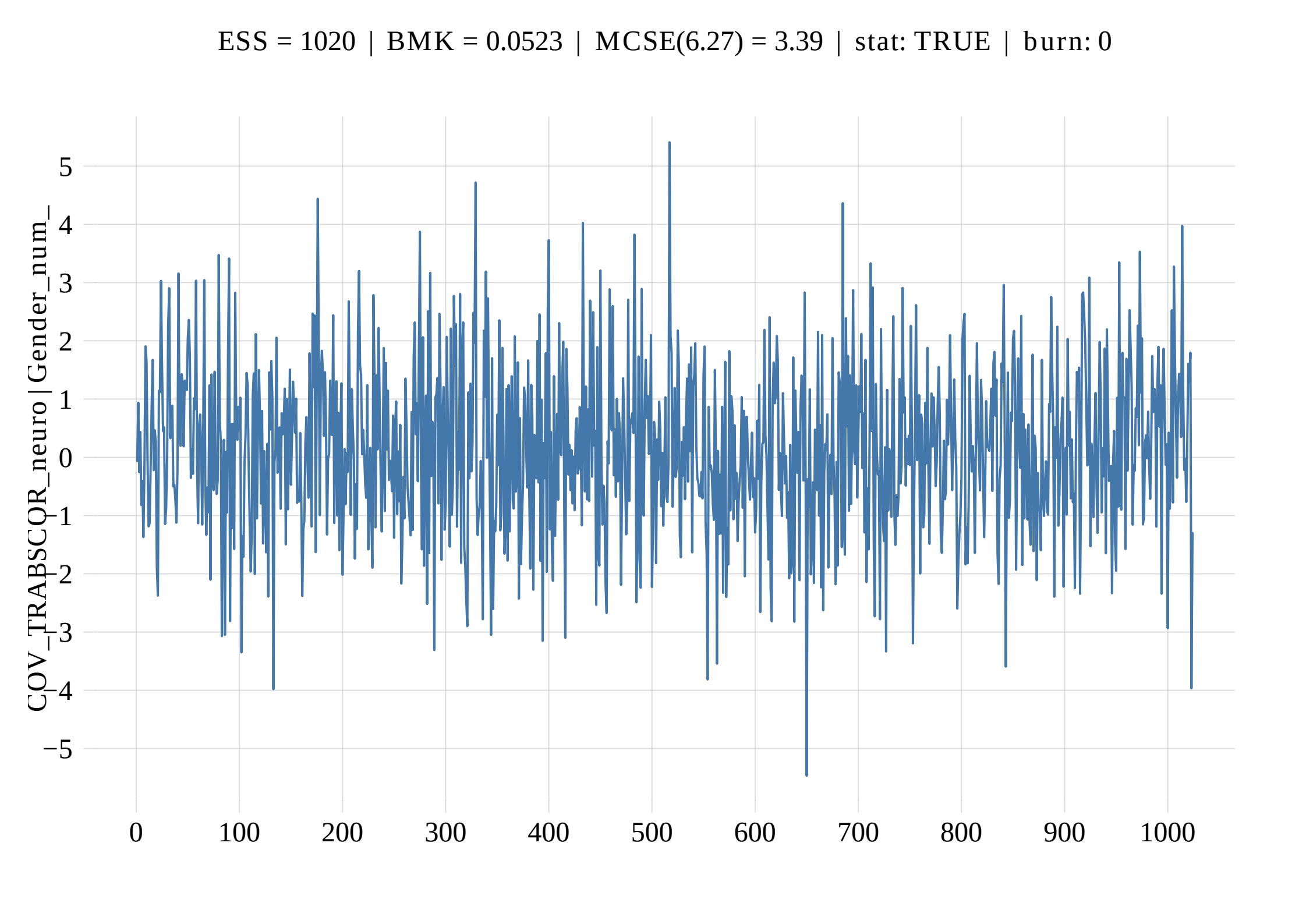

ESS = 487 | BMK = 0.0899 | MCSE(6.27) = 4.65 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro | Apoe4_
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
0
100
200
300
400
500
600
700
800
900
1000

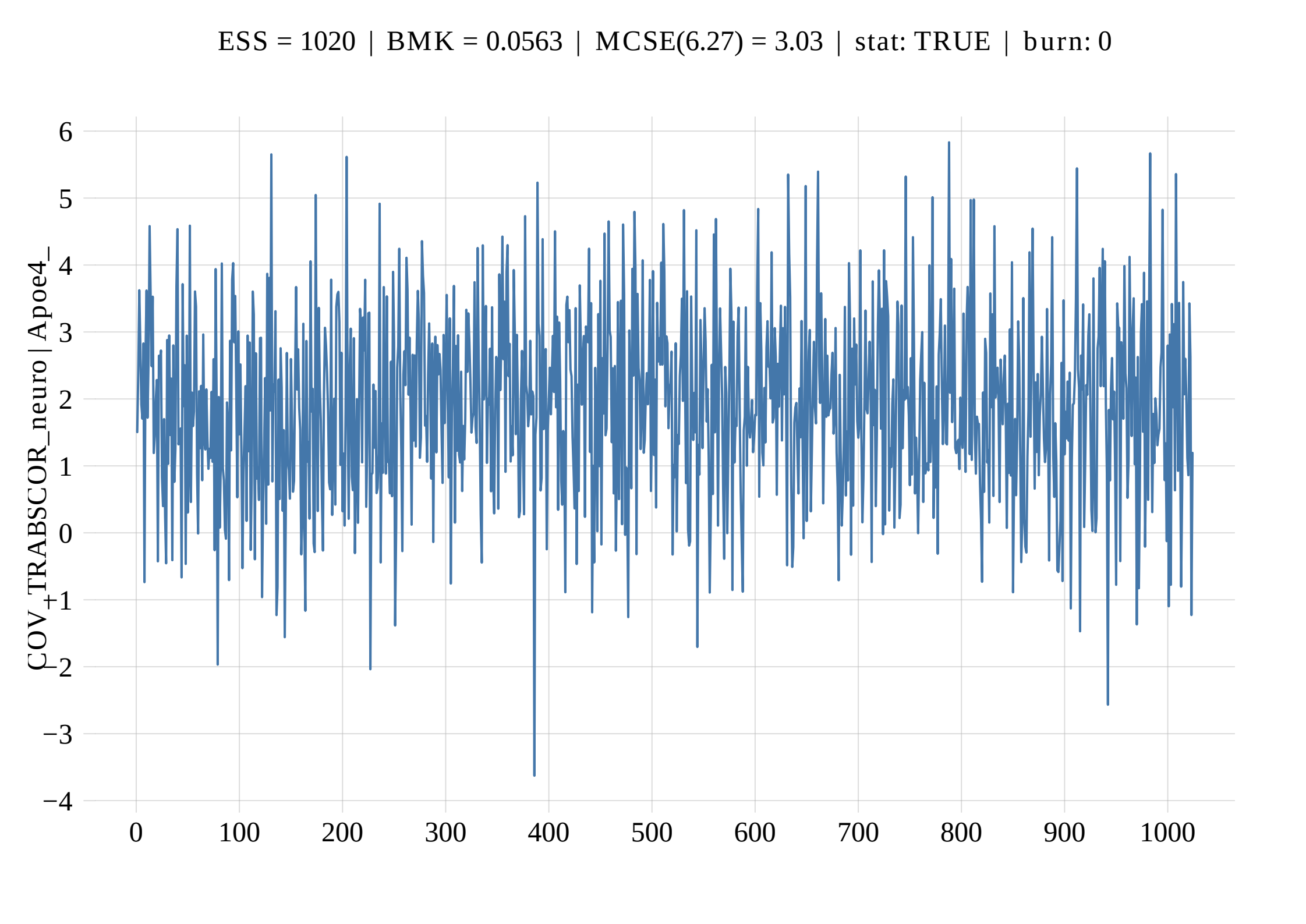

ESS = 1020 | BMK = 0.0611 | MCSE(6.27) = 2.77 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro | CATANIMSC_neuro
−80
−90
−100
−110
−120
−130
−140
−150
−160
−170
0
100
200
300
400
500
600
700
800
900
1000

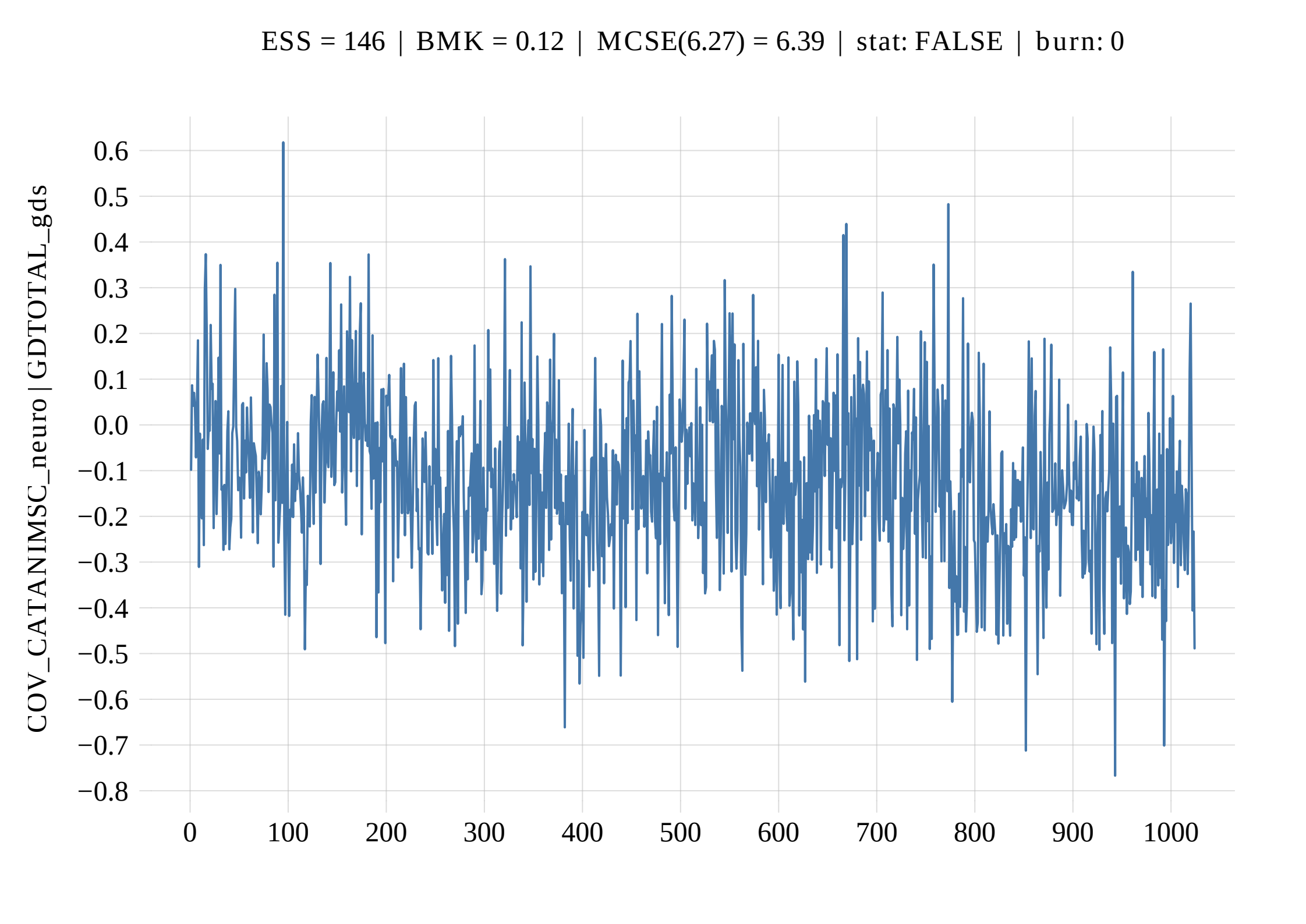

ESS = 911 | BMK = 0.123 | MCSE(6.27) = 4.38 | stat: FALSE | burn: 0
COV_TRABSCOR_neuro|GDTOTAL_gds
14
12
10
8
6
4
2
0
−2
−4
−6
0
100
200
300
400
500
600
700
800
900
1000

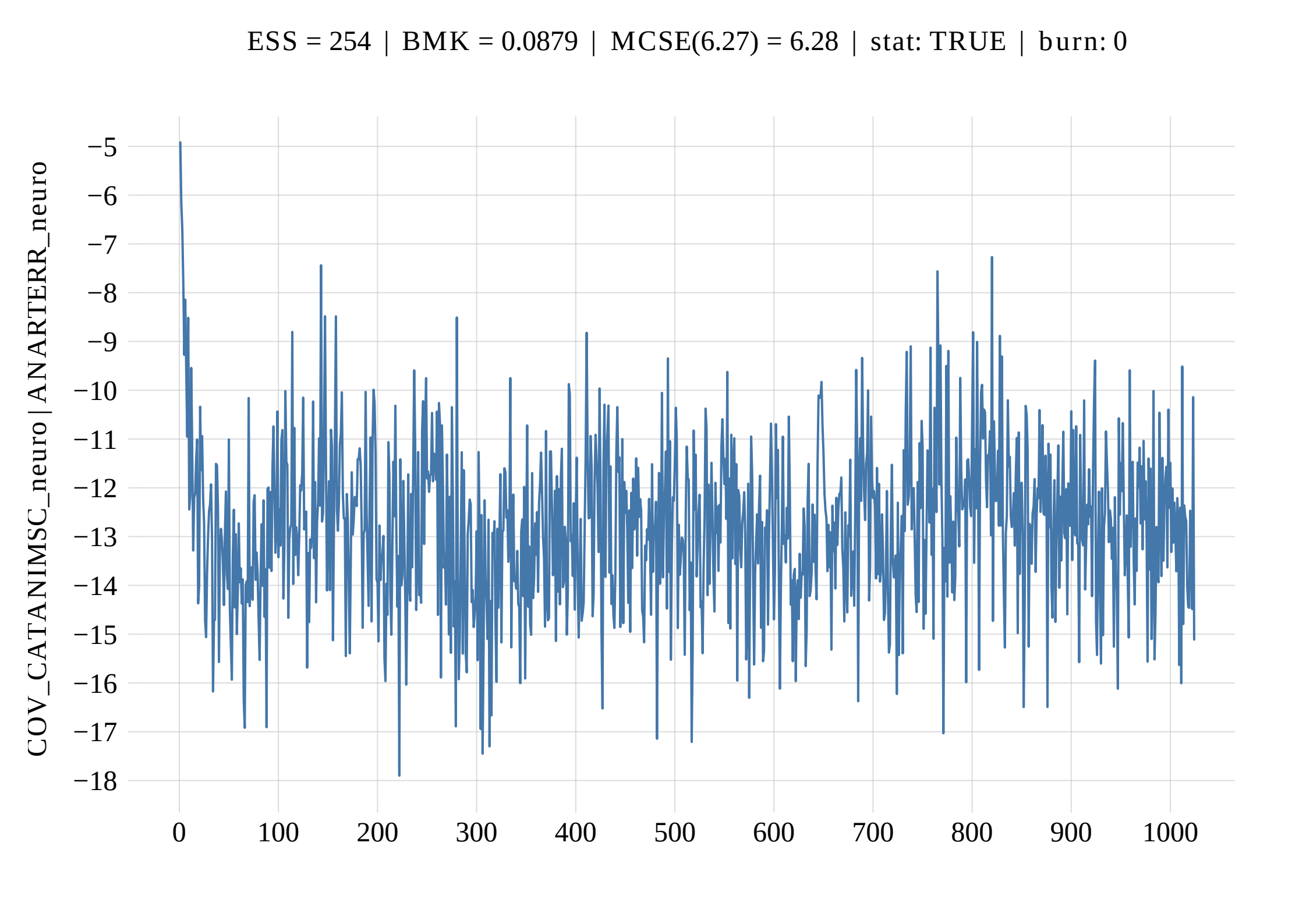

ESS = 1020 | BMK = 0.0661 | MCSE(6.27) = 3.31 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro | ANARTERR_neuro
210
200
190
180
170
160
150
140
130
120
110
100
90
80
0
100
200
300
400
500
600
700
800
900
1000

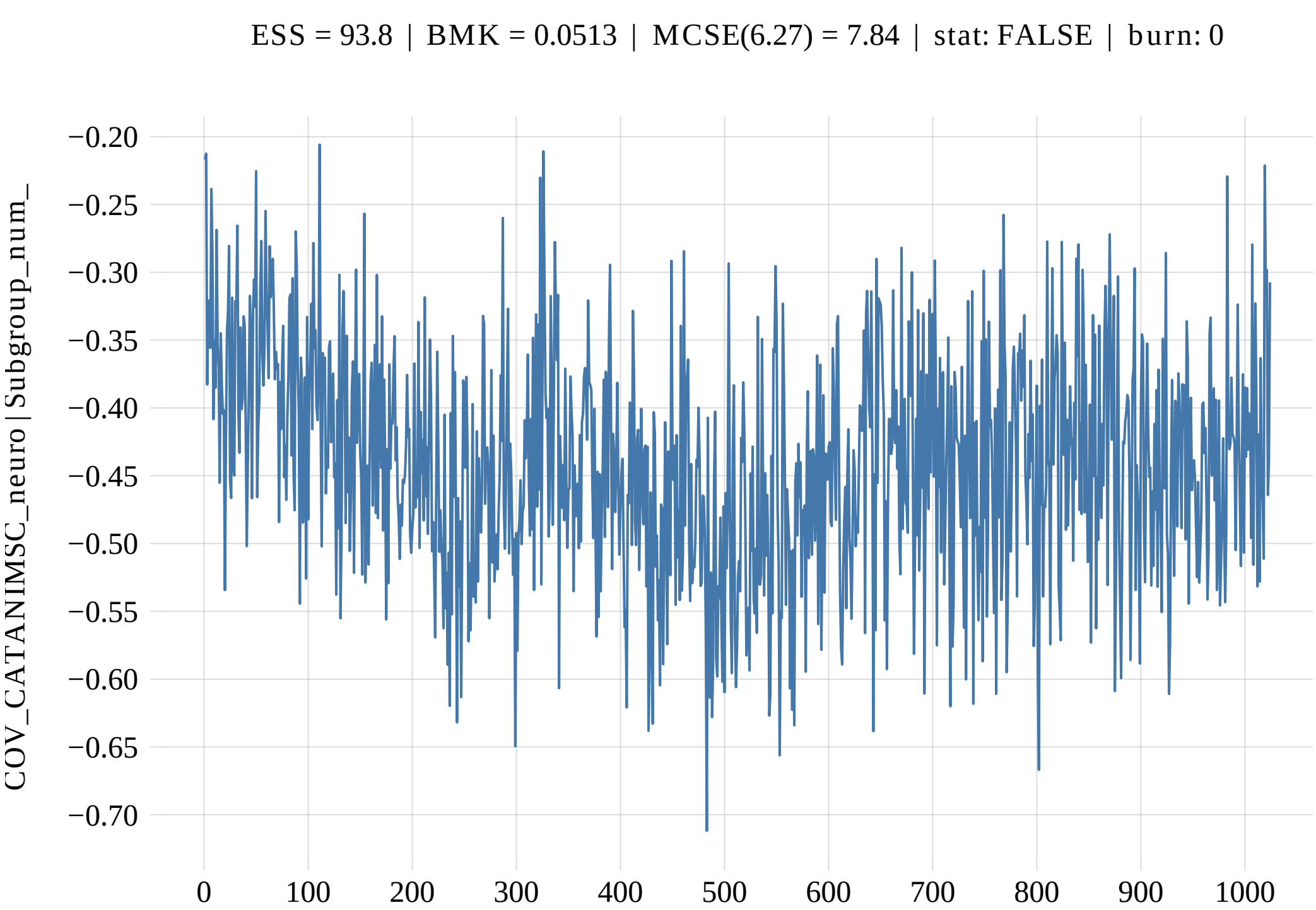

ESS = 1020 | BMK = 0.0665 | MCSE(6.27) = 3.38 | stat: FALSE | burn: 0
COV_TRABSCOR_neuro|Subgroup_num_
10
9
8
7
6
5
4
3
2
0
100
200
300
400
500
600
700
800
900
1000

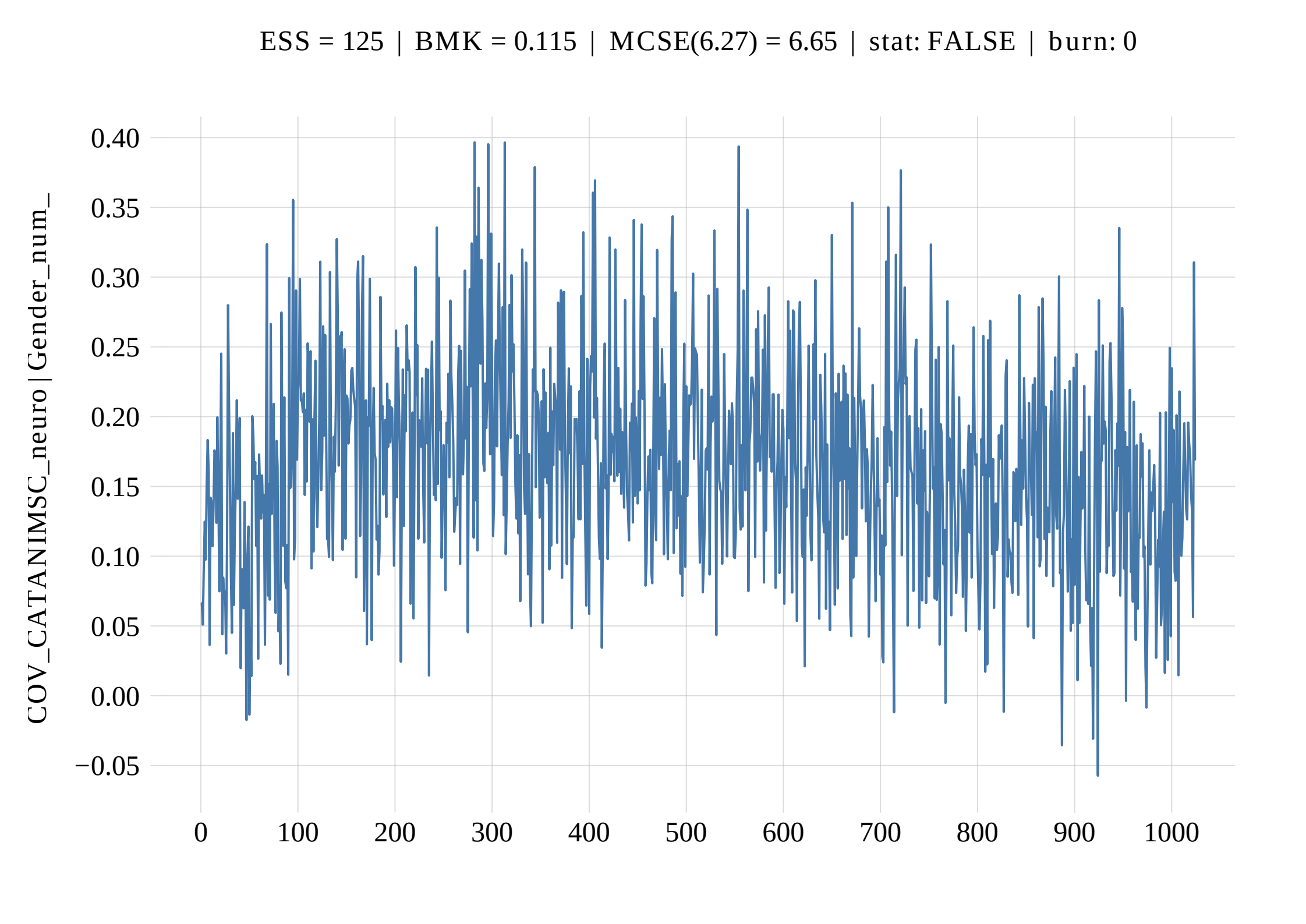

ESS = 1020 | BMK = 0.0523 | MCSE(6.27) = 3.39 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|Gender_num_
5
4
3
2
1
0
−1
−2
−3
−4
−5
0
100
200
300
400
500
600
700
800
900
1000

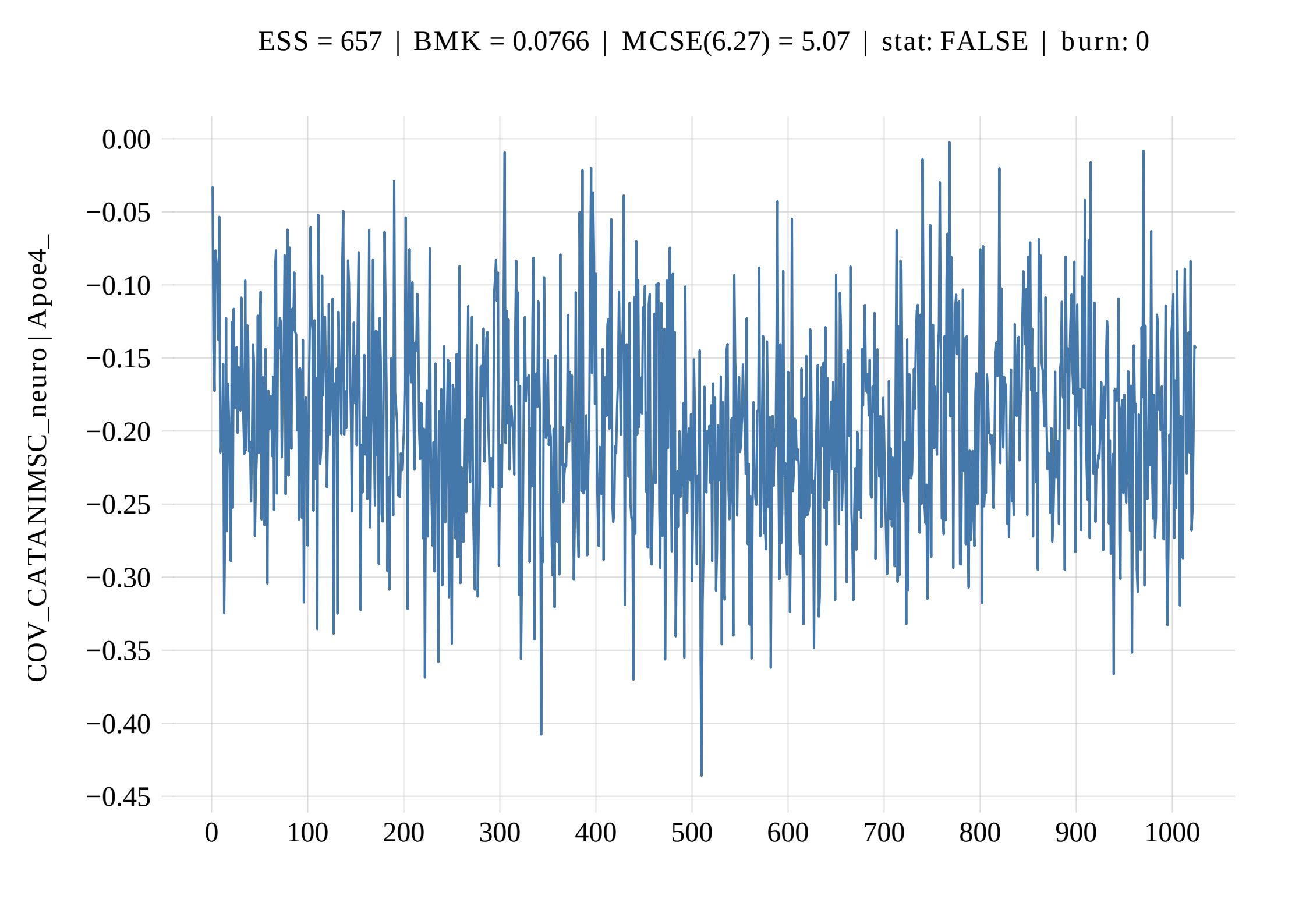

ESS = 1020 | BMK = 0.0563 | MCSE(6.27) = 3.03 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro | Apoe4_
6
5
4
3
2
1
0
−1
−2
−3
−4
0
100
200
300
400
500
600
700
800
900
1000

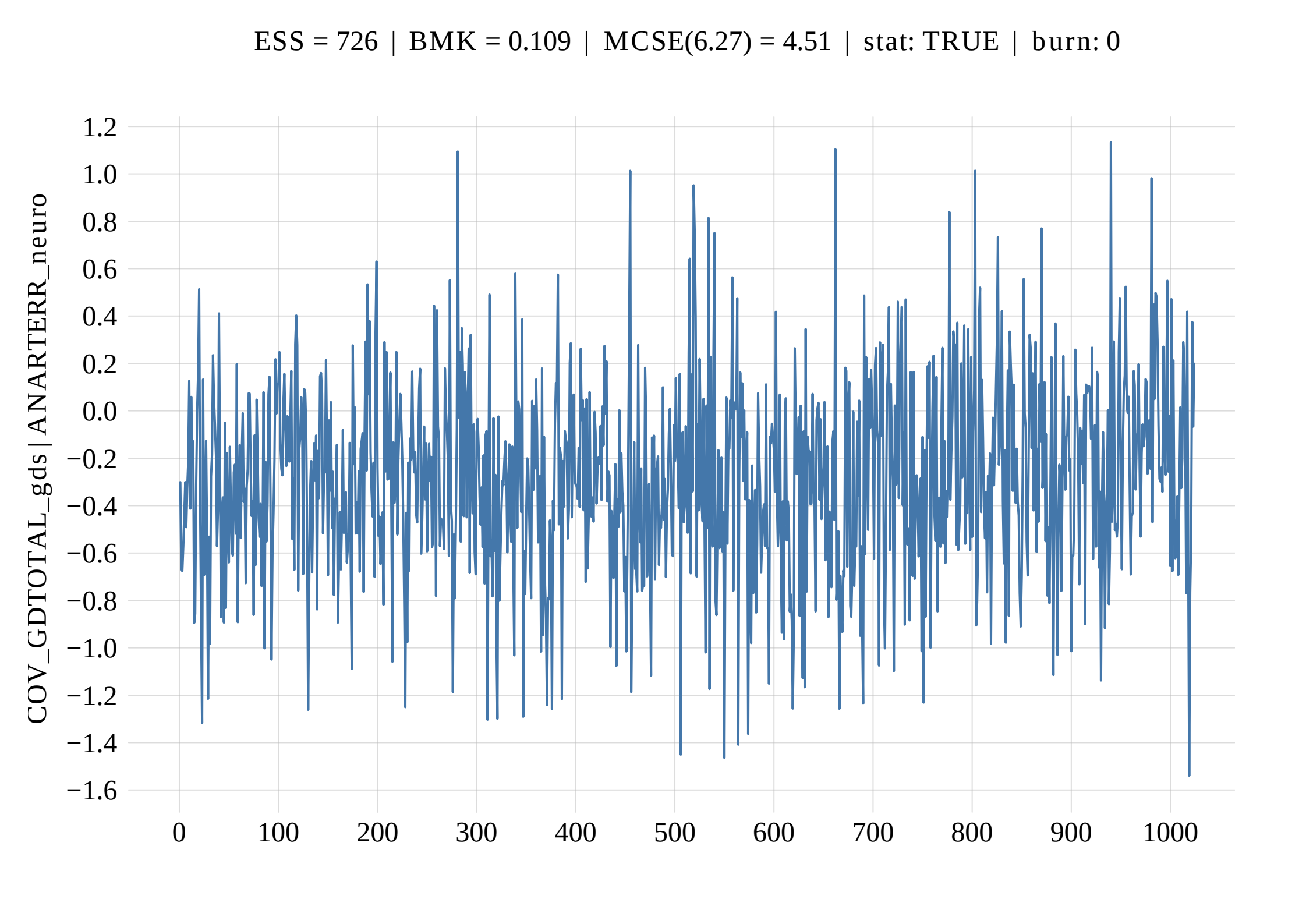

ESS = 146 | BMK = 0.12 | MCSE(6.27) = 6.39 | stat: FALSE | burn: 0
COV_CATANIMSC_neuro|GDTOTAL_gds
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
0
100
200
300
400
500
600
700
800
900
1000

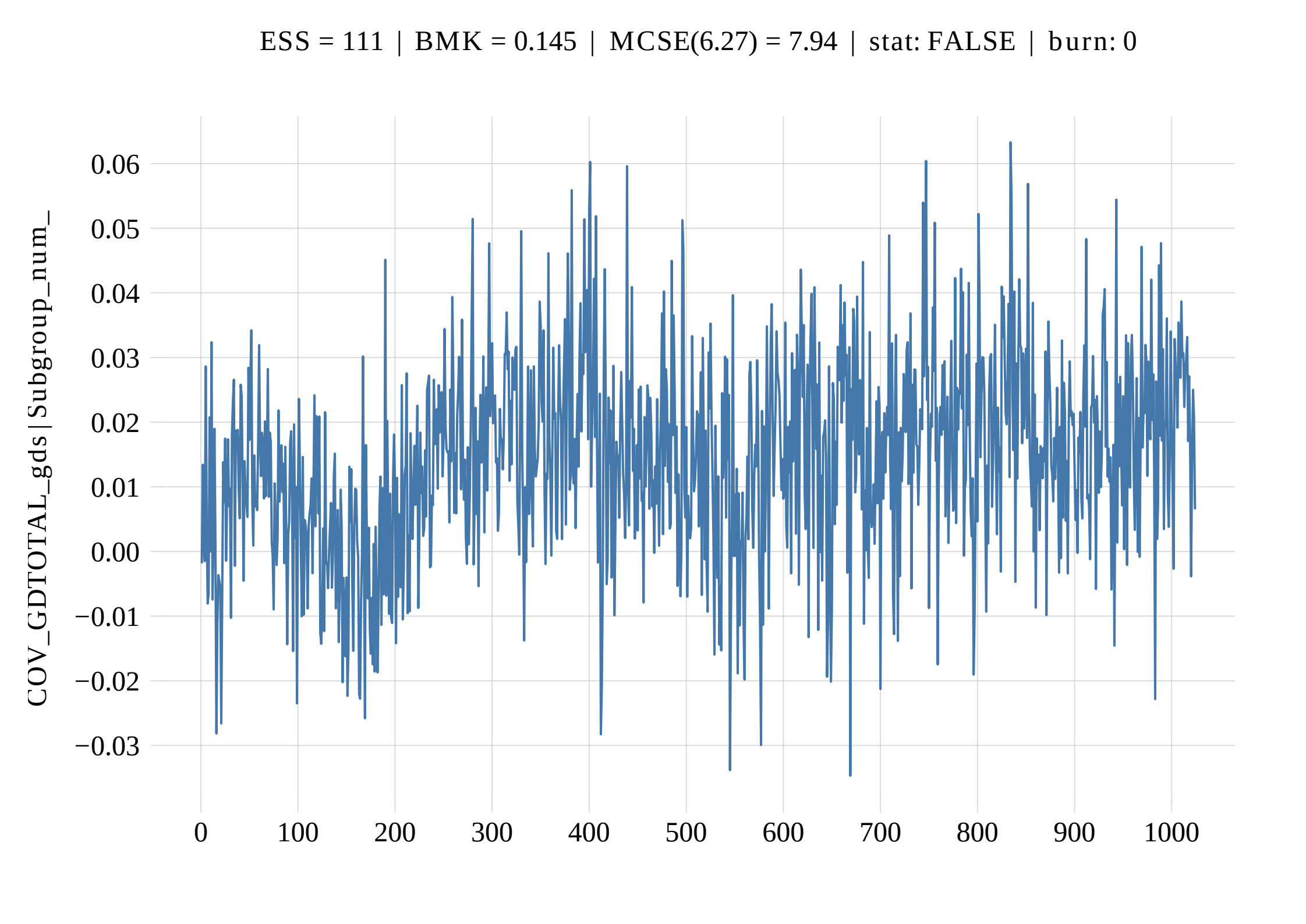

ESS = 254 | BMK = 0.0879 | MCSE(6.27) = 6.28 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro | ANARTERR_neuro
−5
−6
−7
−8
−9
−10
−11
−12
−13
−14
−15
−16
−17
−18
0
100
200
300
400
500
600
700
800
900
1000

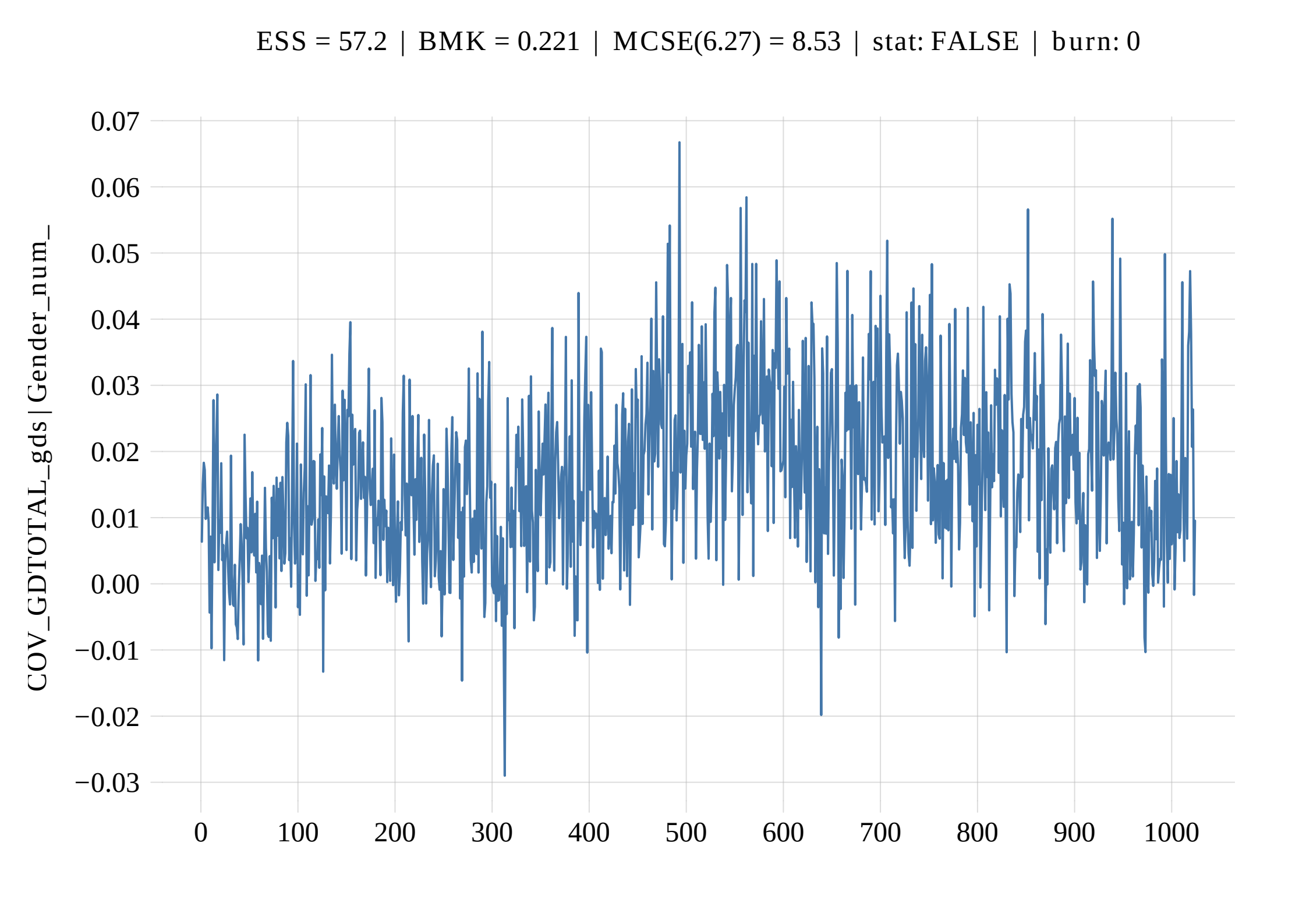

ESS = 93.8 | BMK = 0.0513 | MCSE(6.27) = 7.84 | stat: FALSE | burn: 0
COV_CATANIMSC_neuro|Subgroup_num_
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
−0.55
−0.60
−0.65
−0.70
0
100
200
300
400
500
600
700
800
900
1000

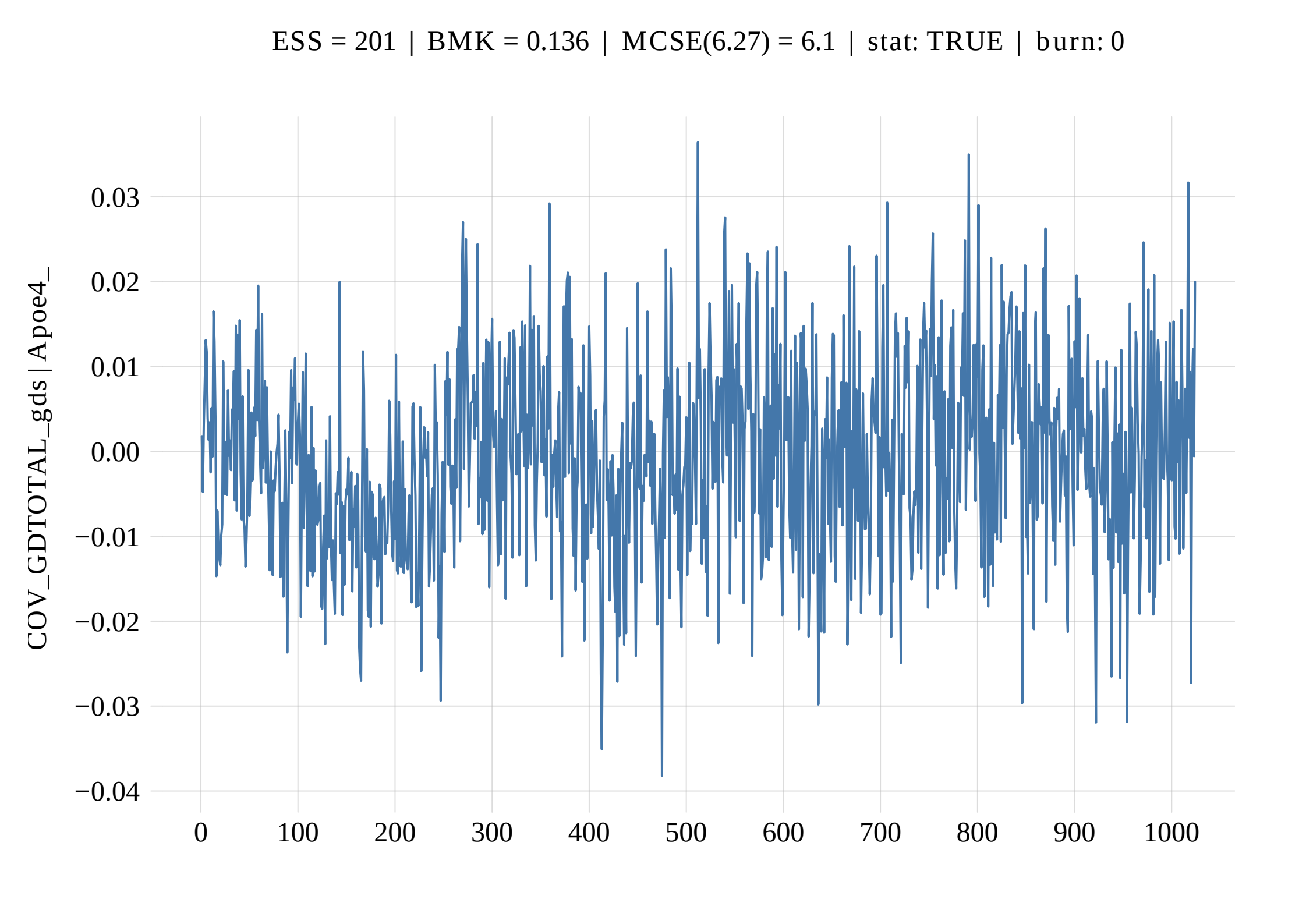

ESS = 125 | BMK = 0.115 | MCSE(6.27) = 6.65 | stat: FALSE | burn: 0
COV_CATANIMSC_neuro|Gender_num_
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
100
200
300
400
500
600
700
800
900
1000

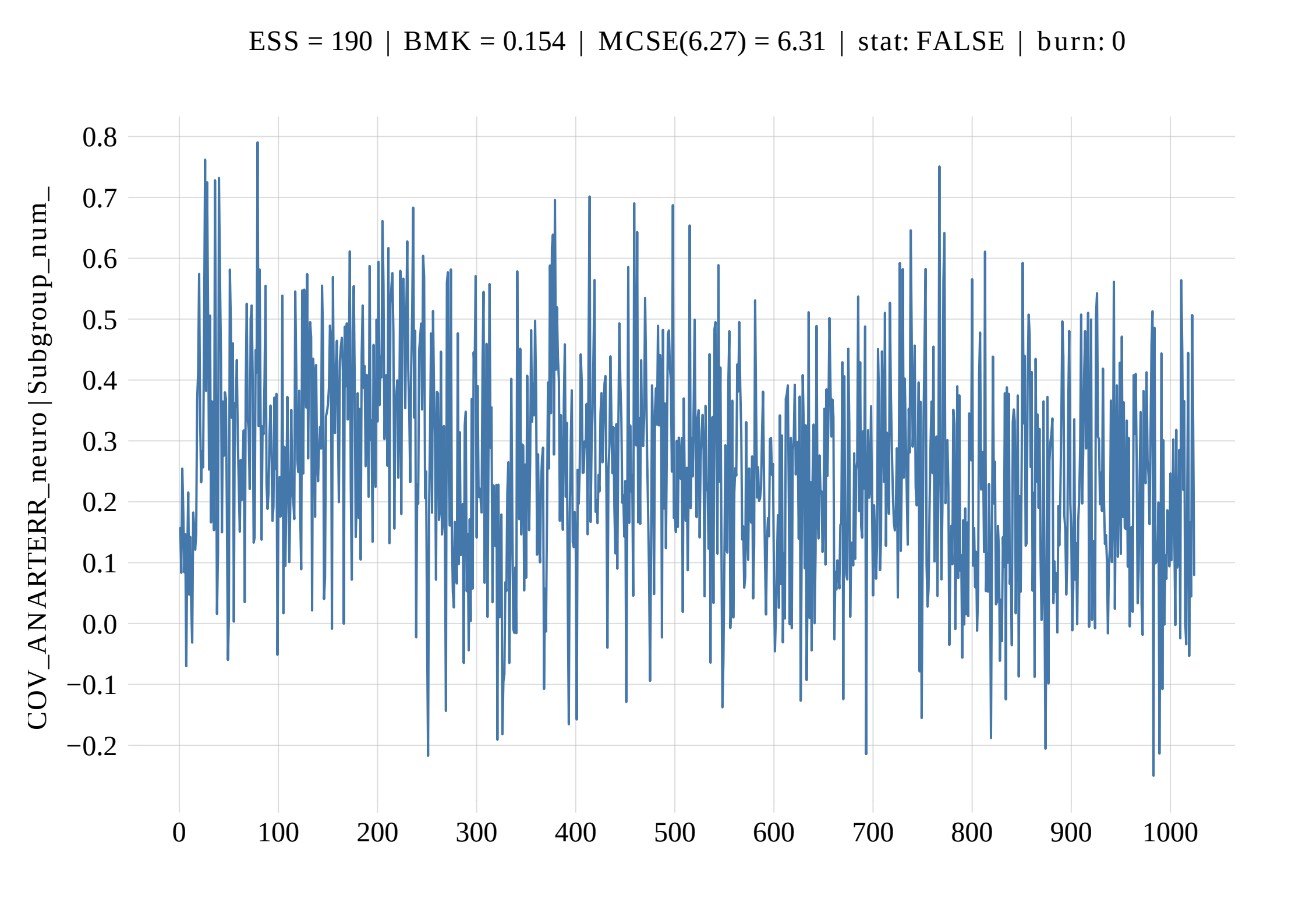

ESS = 657 | BMK = 0.0766 | MCSE(6.27) = 5.07 | stat: FALSE | burn: 0
COV_CATANIMSC_neuro | Apoe4_
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
0
100
200
300
400
500
600
700
800
900
1000

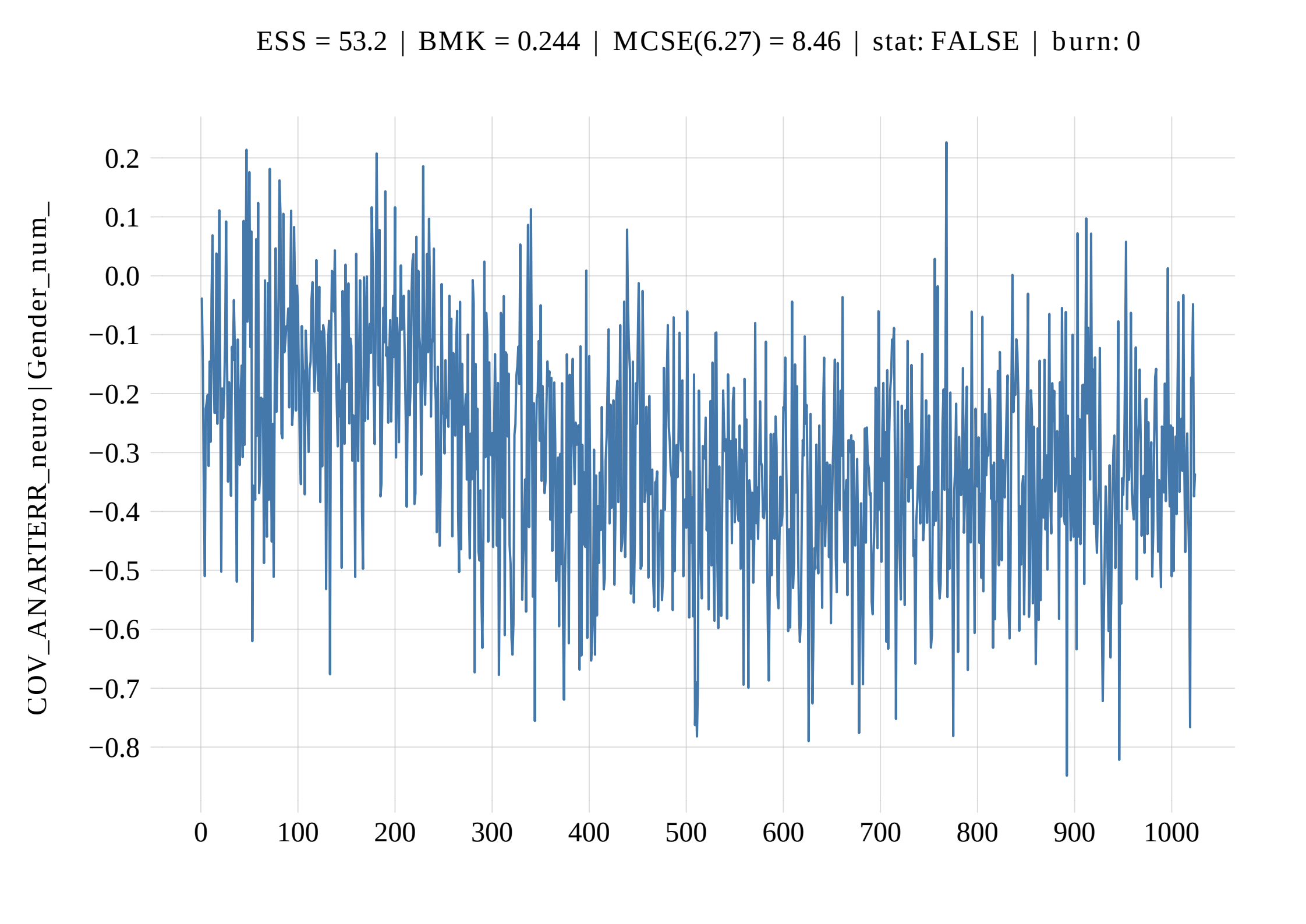

ESS = 726 | BMK = 0.109 | MCSE(6.27) = 4.51 | stat: TRUE | burn: 0
COV_GDTOTAL_gds | ANARTERR_neuro
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
−1.6
0
100
200
300
400
500
600
700
800
900
1000

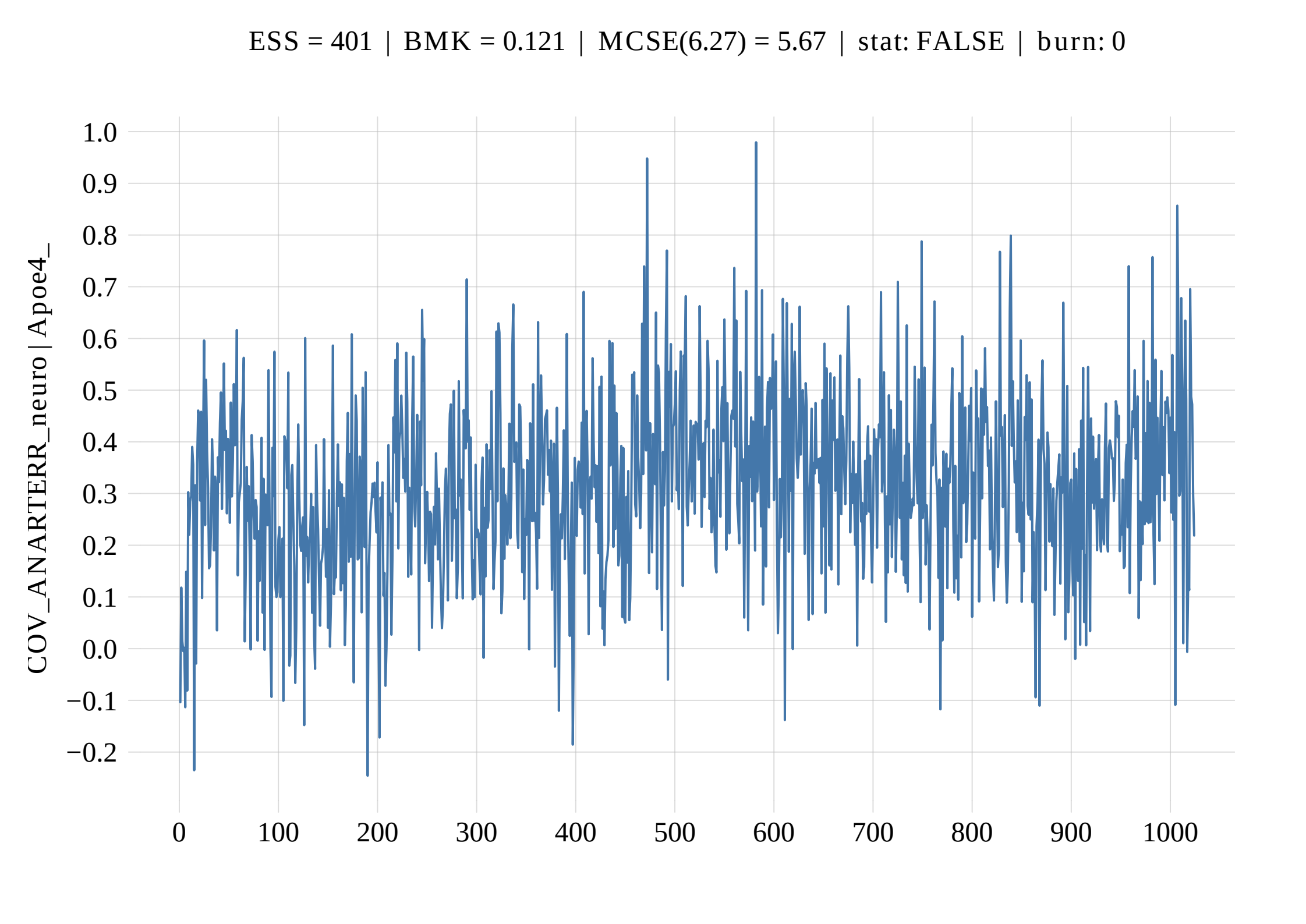

ESS = 111 | BMK = 0.145 | MCSE(6.27) = 7.94 | stat: FALSE | burn: 0
COV_GDTOTAL_gds|Subgroup_num_
0.06
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
0
100
200
300
400
500
600
700
800
900
1000

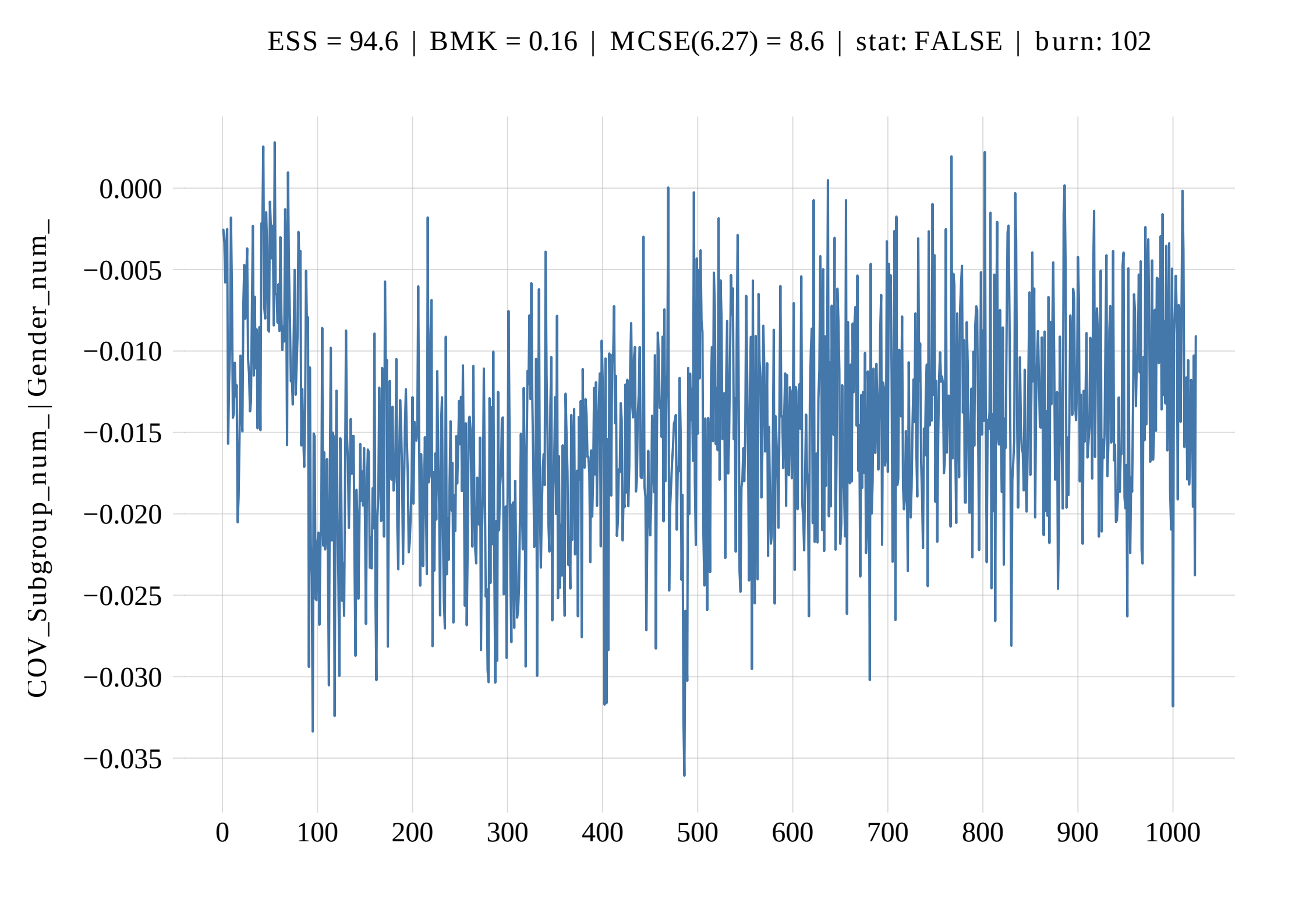

ESS = 57.2 | BMK = 0.221 | MCSE(6.27) = 8.53 | stat: FALSE | burn: 0
COV_GDTOTAL_gds | Gender_num_
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
0
100
200
300
400
500
600
700
800
900
1000

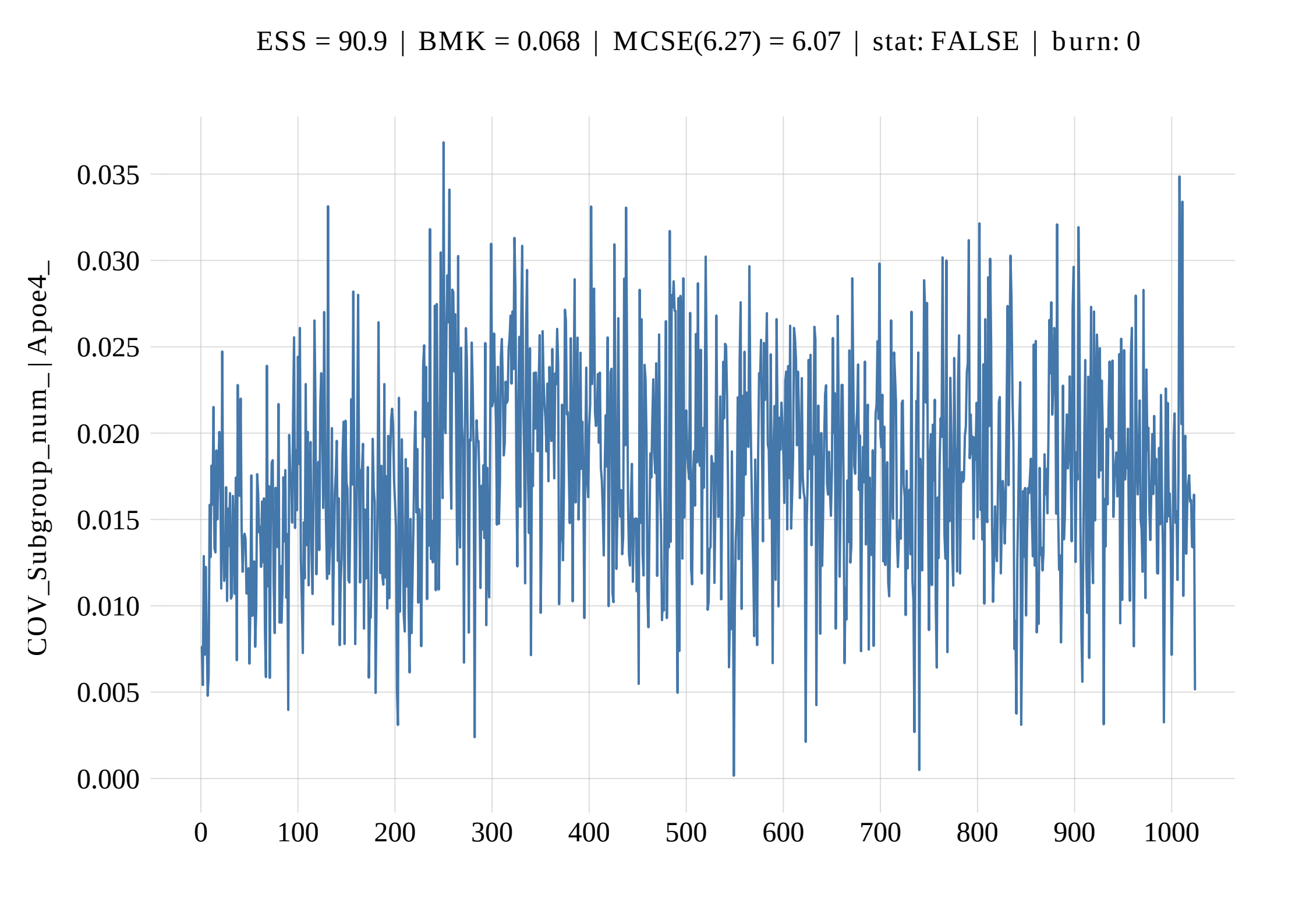

ESS = 201 | BMK = 0.136 | MCSE(6.27) = 6.1 | stat: TRUE | burn: 0
COV_GDTOTAL_gds | Apoe4_
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
0
100
200
300
400
500
600
700
800
900
1000

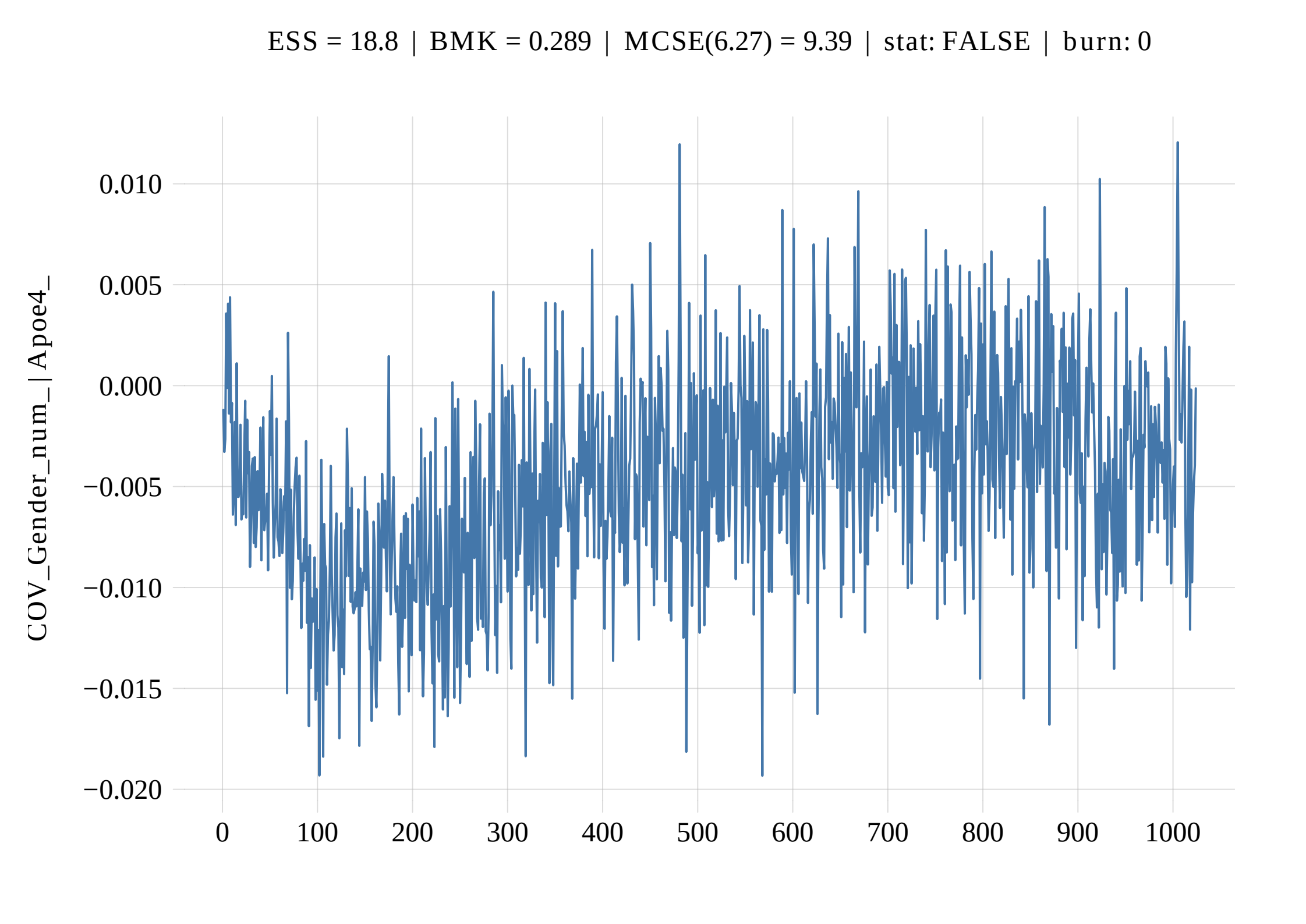

ESS = 190 | BMK = 0.154 | MCSE(6.27) = 6.31 | stat: FALSE | burn: 0
COV_ANARTERR_neuro | Subgroup_num_
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
100
200
300
400
500
600
700
800
900
1000


ESS = 53.2 | BMK = 0.244 | MCSE(6.27) = 8.46 | stat: FALSE | burn: 0
COV_ANARTERR_neuro|Gender_num_
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
0
100
200
300
400
500
600
700
800
900
1000


ESS = 401 | BMK = 0.121 | MCSE(6.27) = 5.67 | stat: FALSE | burn: 0
COV_ANARTERR_neuro | Apoe4_
1.0
0.9
0.8
0.7
0.6
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


ESS = 94.6 | BMK = 0.16 | MCSE(6.27) = 8.6 | stat: FALSE | burn: 102
COV_Subgroup_num_|Gender_num_
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030
−0.035
0
100
200
300
400
500
600
700
800
900
1000


ESS = 90.9 | BMK = 0.068 | MCSE(6.27) = 6.07 | stat: FALSE | burn: 0
COV_Subgroup_num_|Apoe4_
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0
100
200
300
400
500
600
700
800
900
1000


ESS = 18.8 | BMK = 0.289 | MCSE(6.27) = 9.39 | stat: FALSE | burn: 0
COV_Gender_num_|Apoe4_
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
0
100
200
300
400
500
600
700
800
900
1000