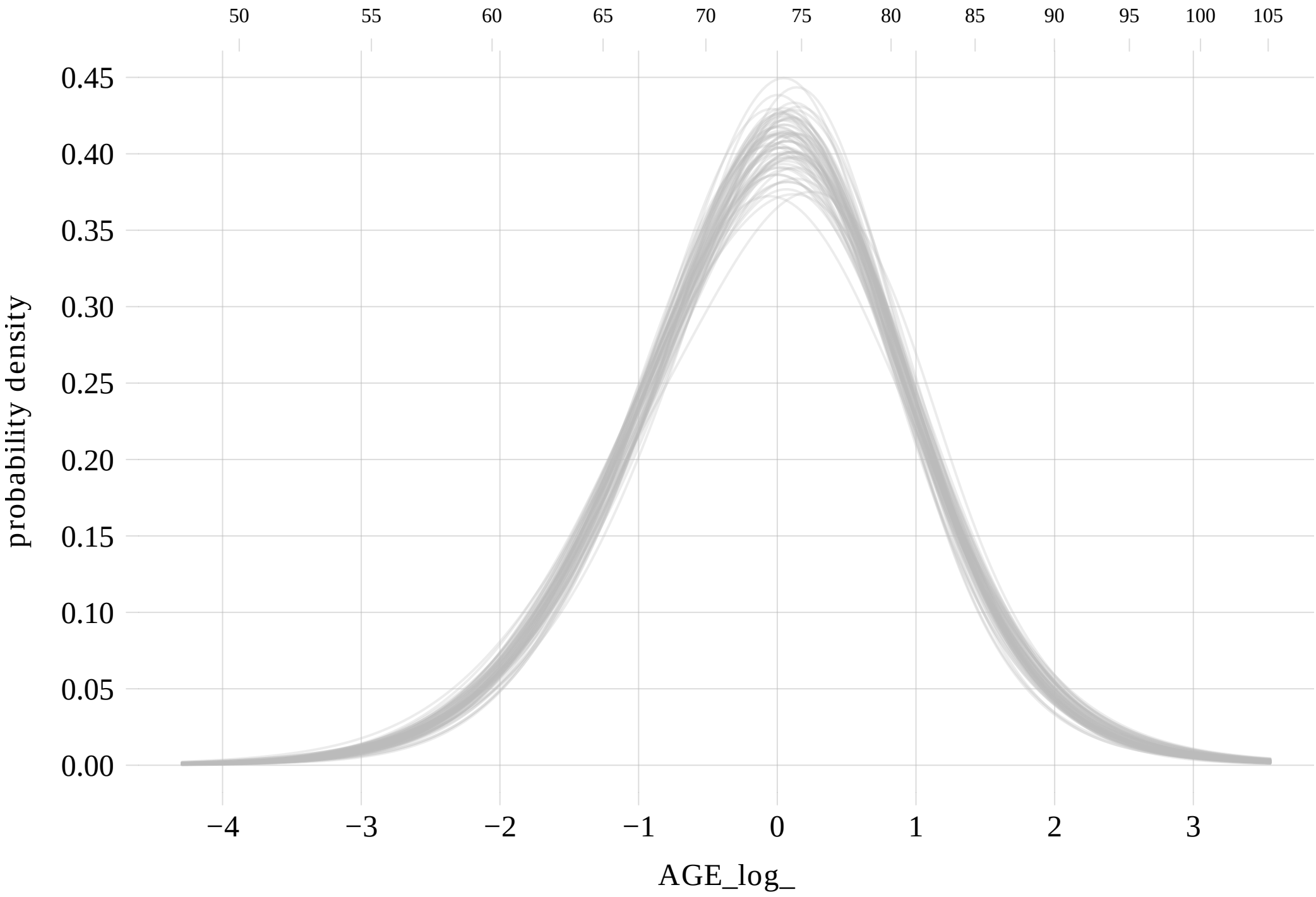
−− STATS maxD −−
min ESS = 594.091484061947
max BMK = 0.098023500406374 3
max MCSE = 4.18313627308658
all stationary: FALSE
burn: 0

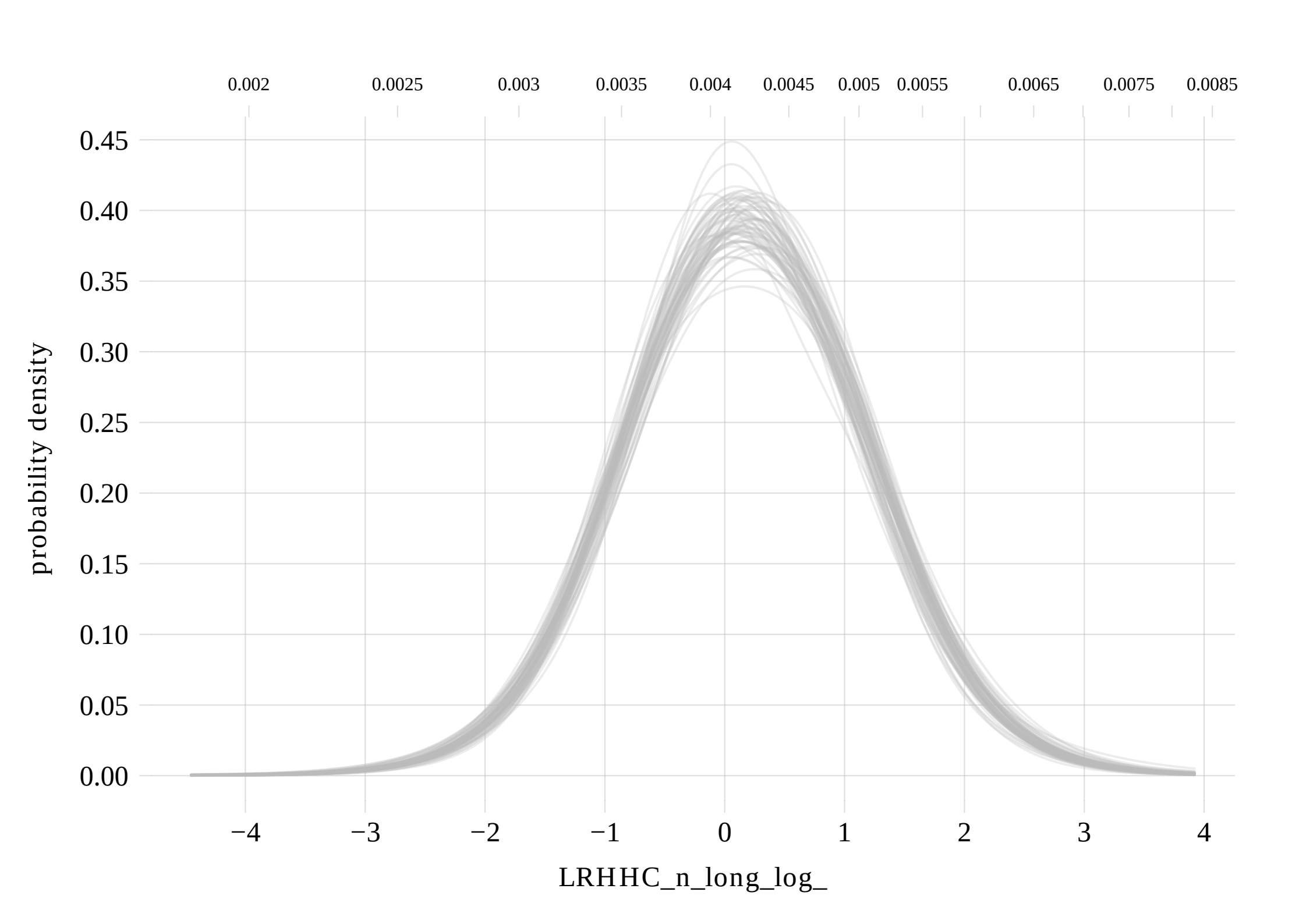
−− STATS 2D −−
min ESS = 480.987176123022
max BMK = 0.117952840278554
max MCSE = 5.26336825686547
all stationary: FALSE
burn: 0

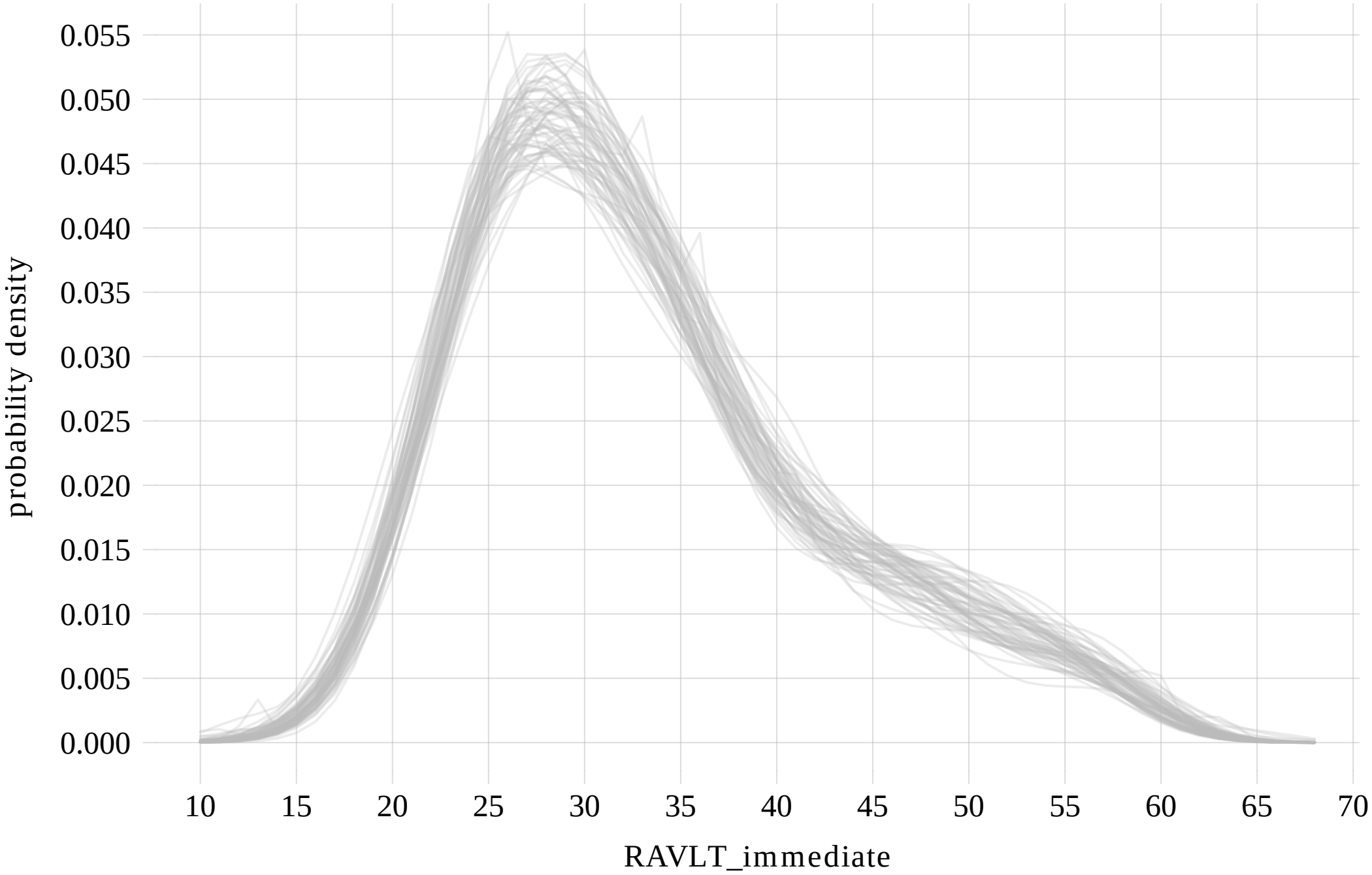
WARNINGS:
too many clusters occupied

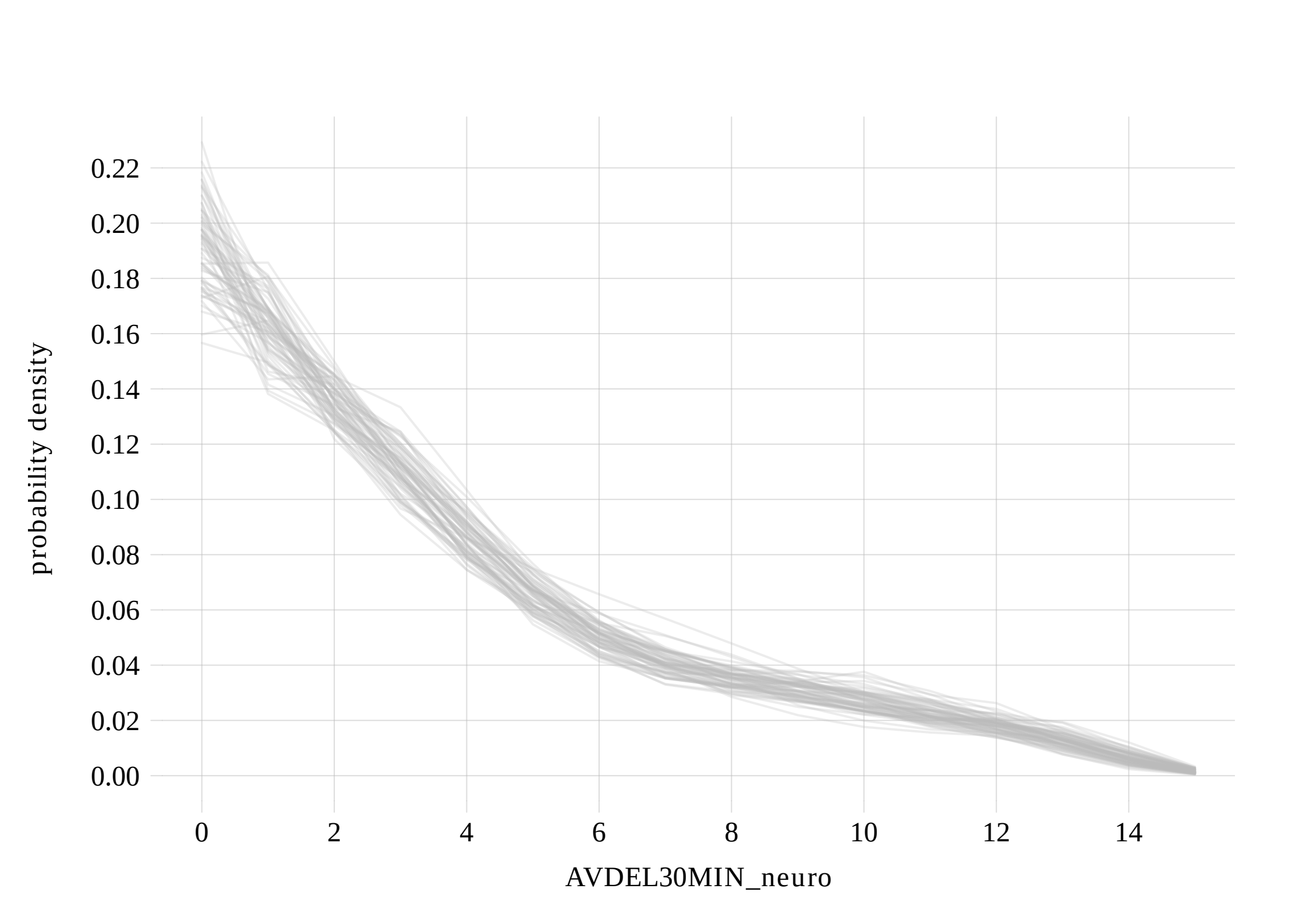
−− STATS 1D −−
min ESS = 480.567841508862
max BMK = 0.102526654896072
max MCSE = 4.91843184449173
all stationary: FALSE
burn: 0

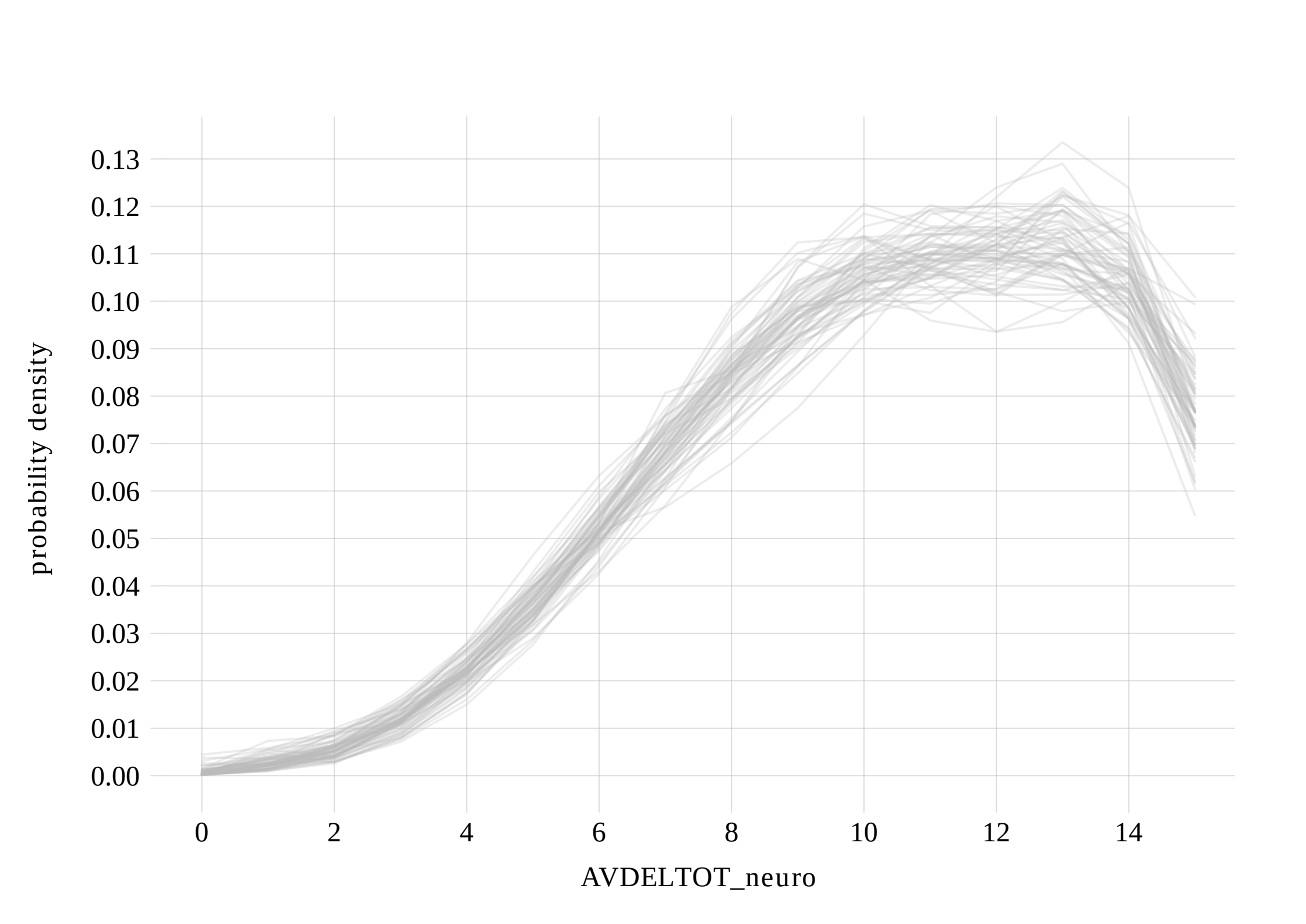
Occupied clusters: 45 of 45
LL: −1510 +− 5.75

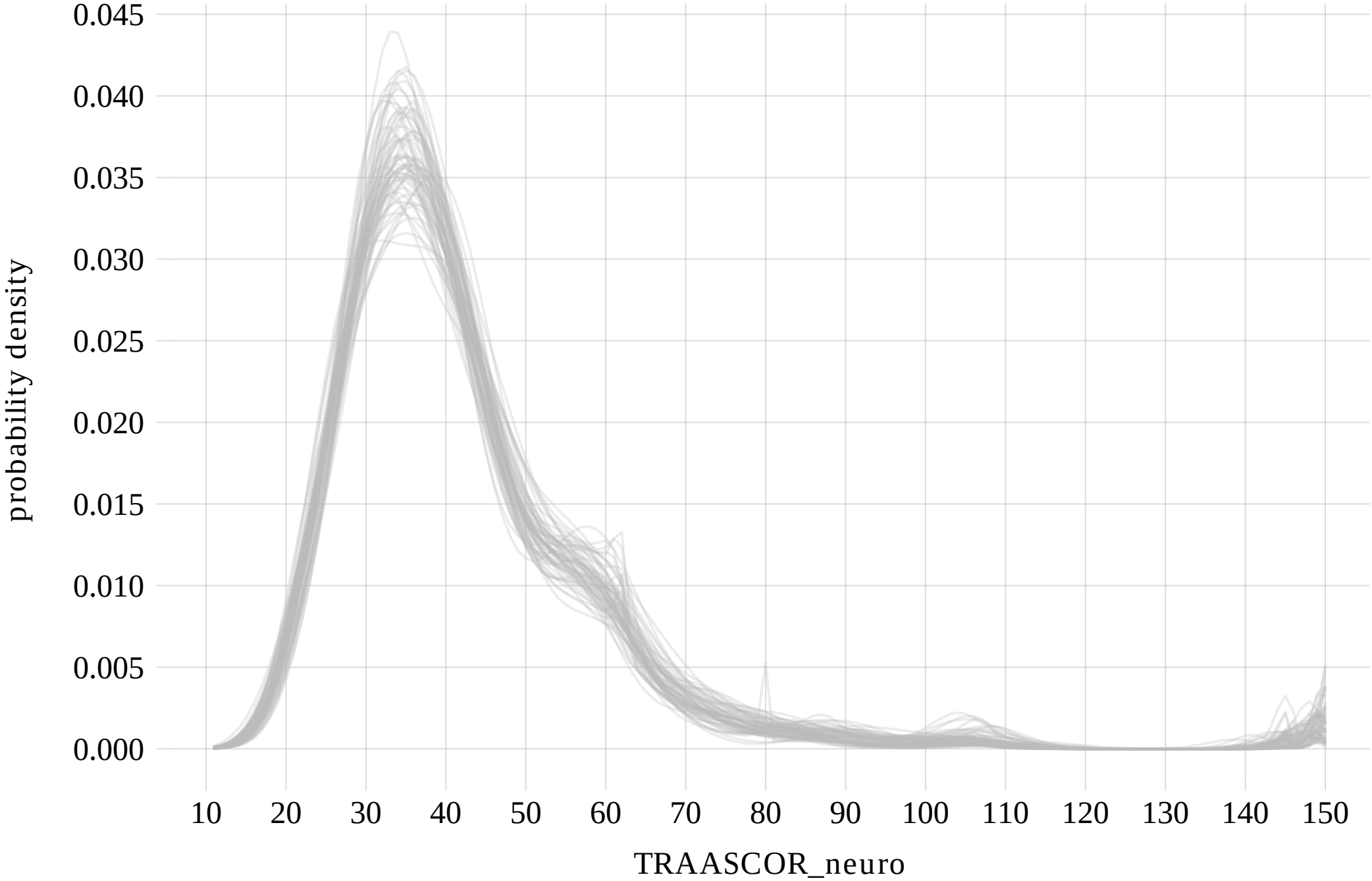

50
55
60
65
70
75
80
85
90
95
100
105
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
−4
−3
−2
−1
0
1
2
3
AGE_log_

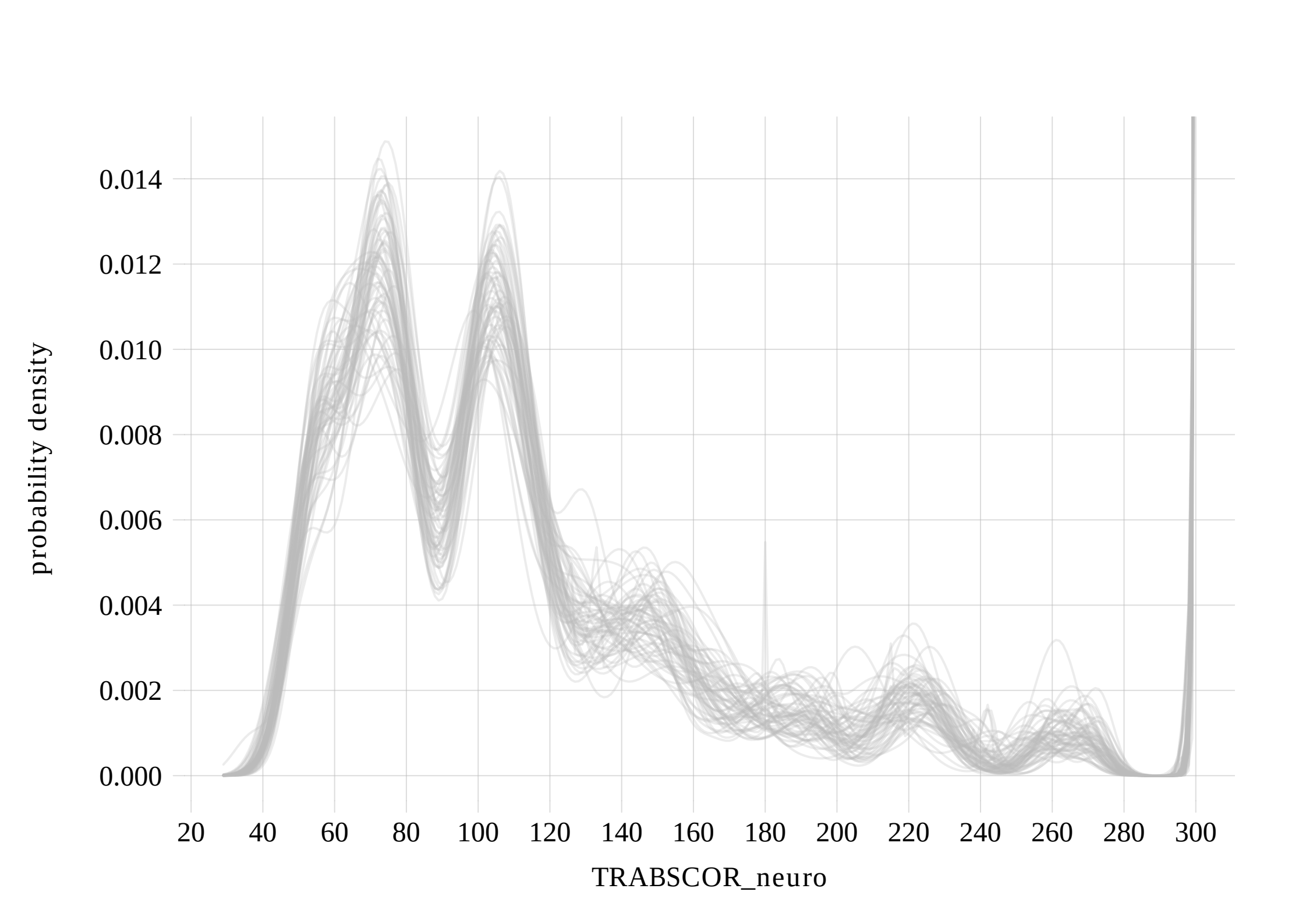

0.002
0.0025
0.003
0.0035
0.004
0.0045
0.005
0.0055
0.0065
0.0075
0.0085
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
−4
−3
−2
−1
0
1
2
3
4
LRHHC_n_long_log_

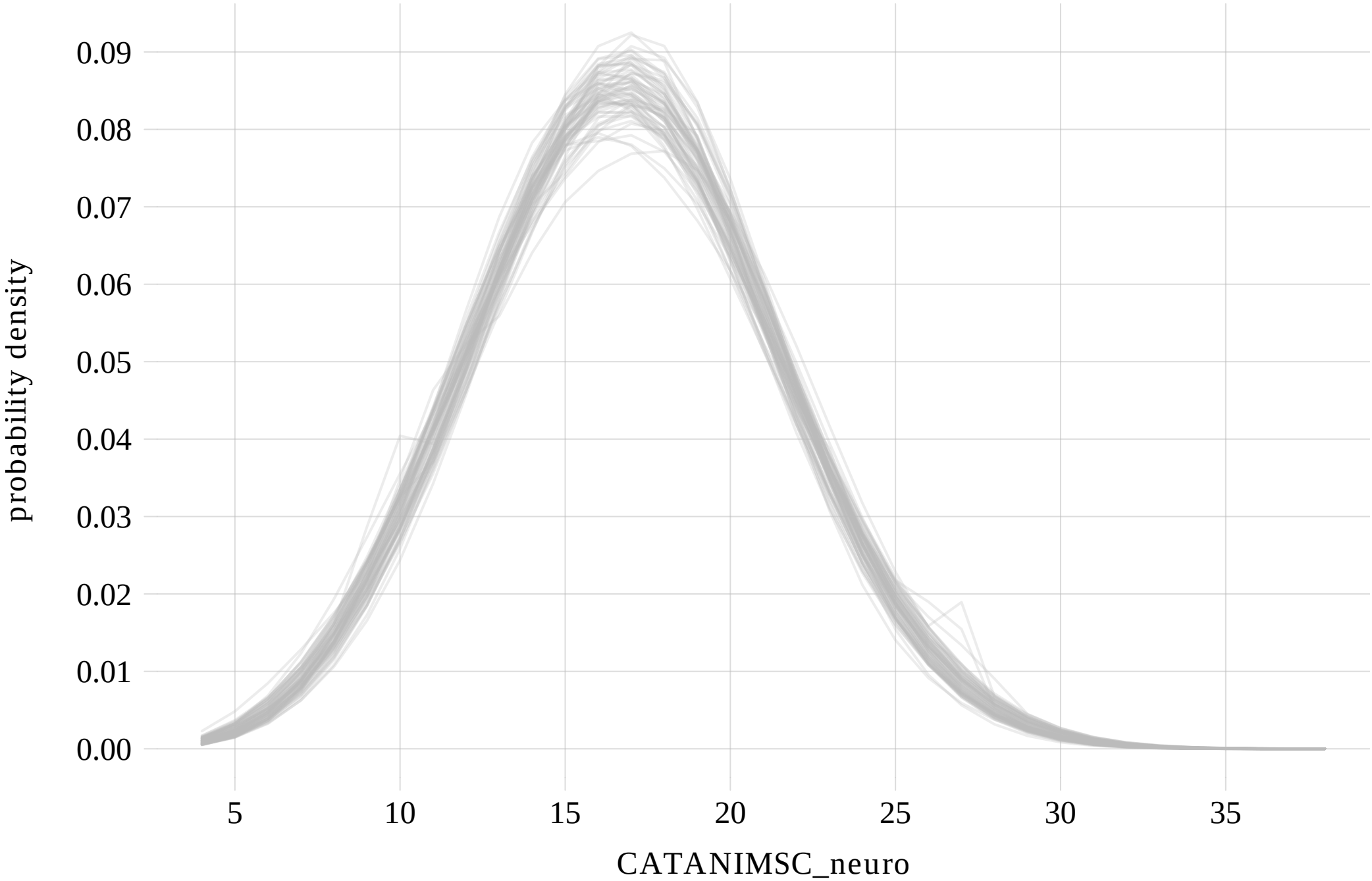

probability density
0.055
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
10
15
20
25
30
35
40
45
50
55
60
65
70
RAVLT_immediate

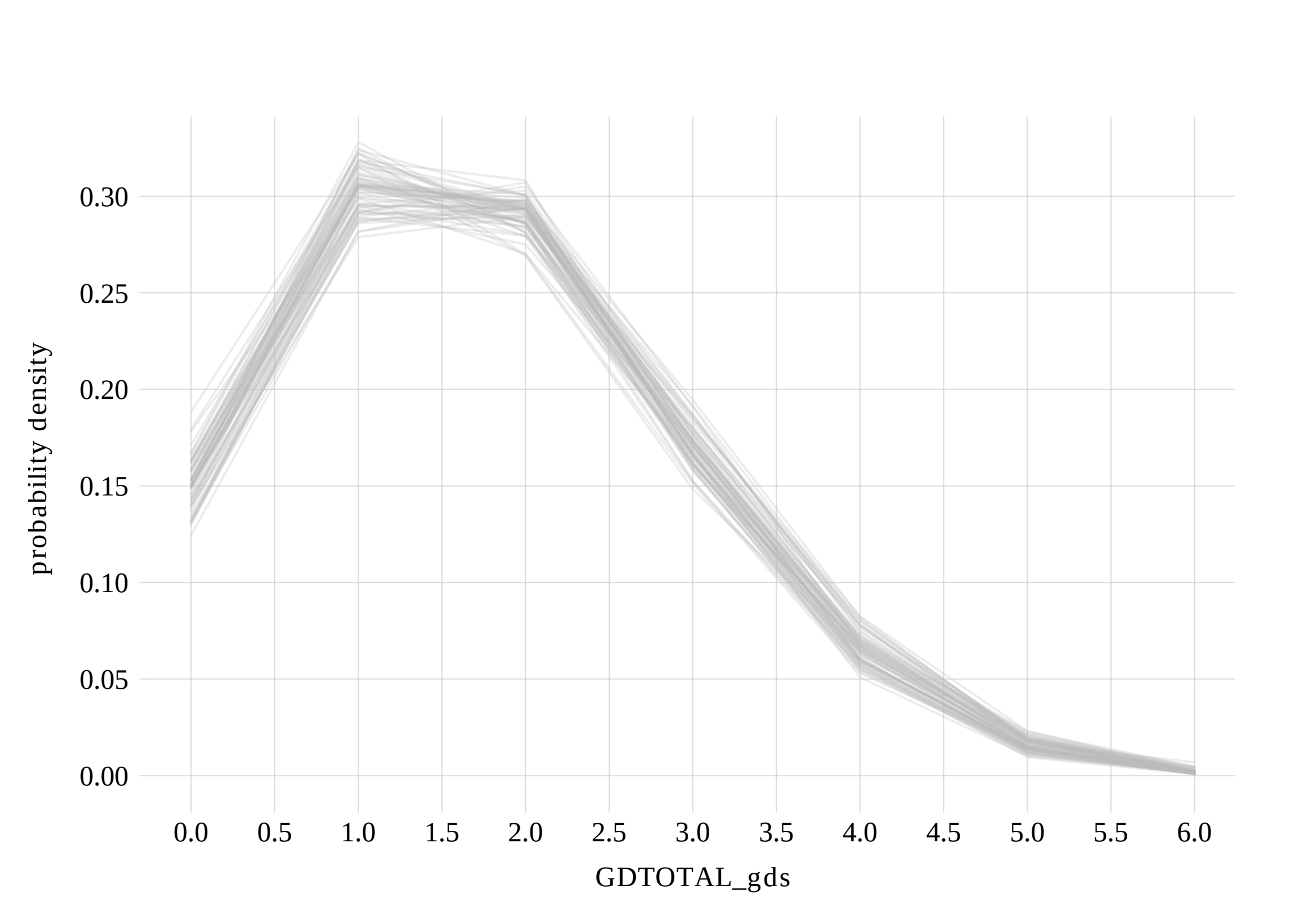

probability density
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
2
4
6
8
10
12
14
AVDEL30MIN_neuro

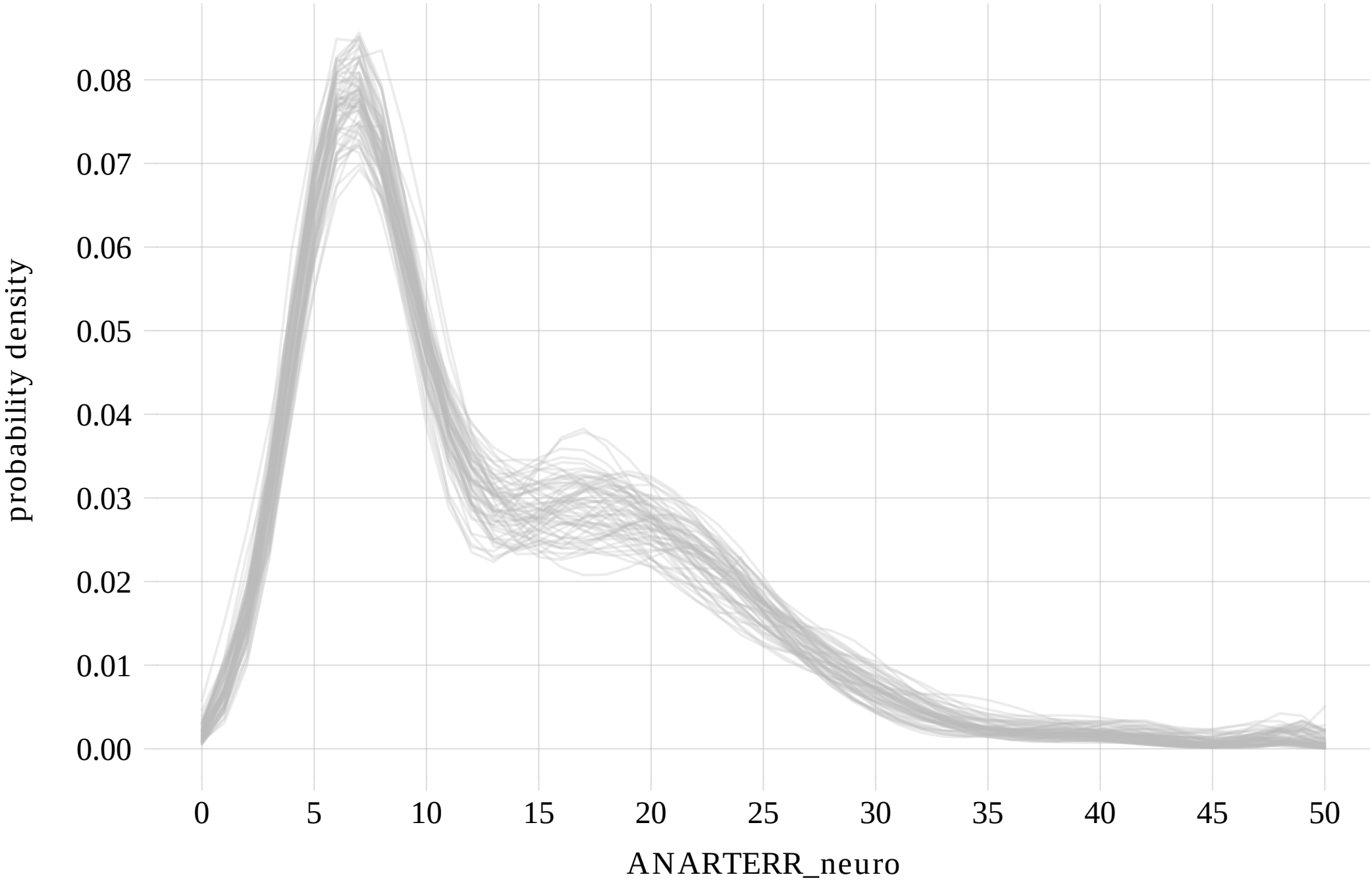

probability density
0.13
0.12
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
2
4
6
8
10
12
14
AVDELTOT_neuro

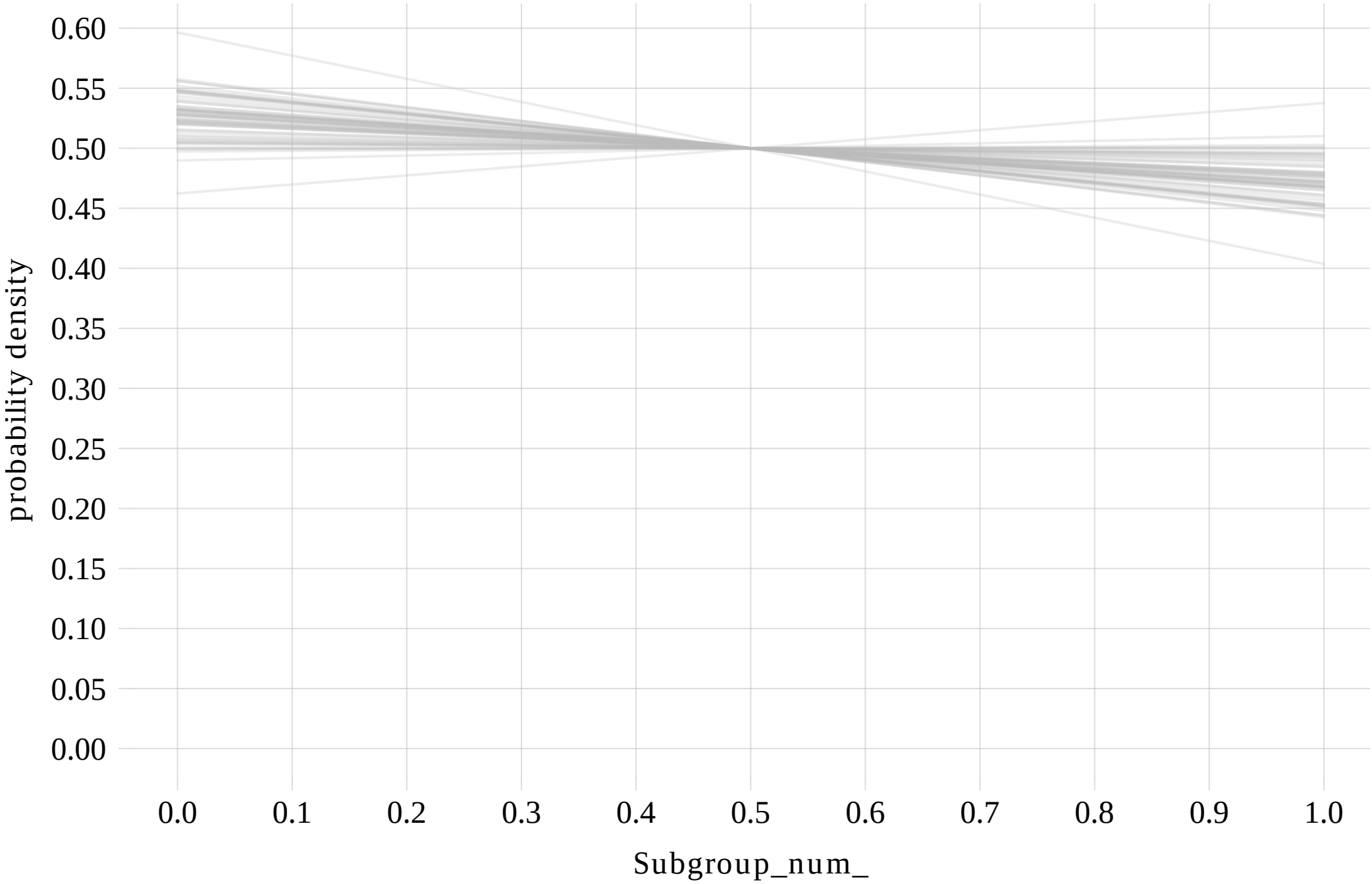

0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
probability density
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
TRAASCOR_neuro

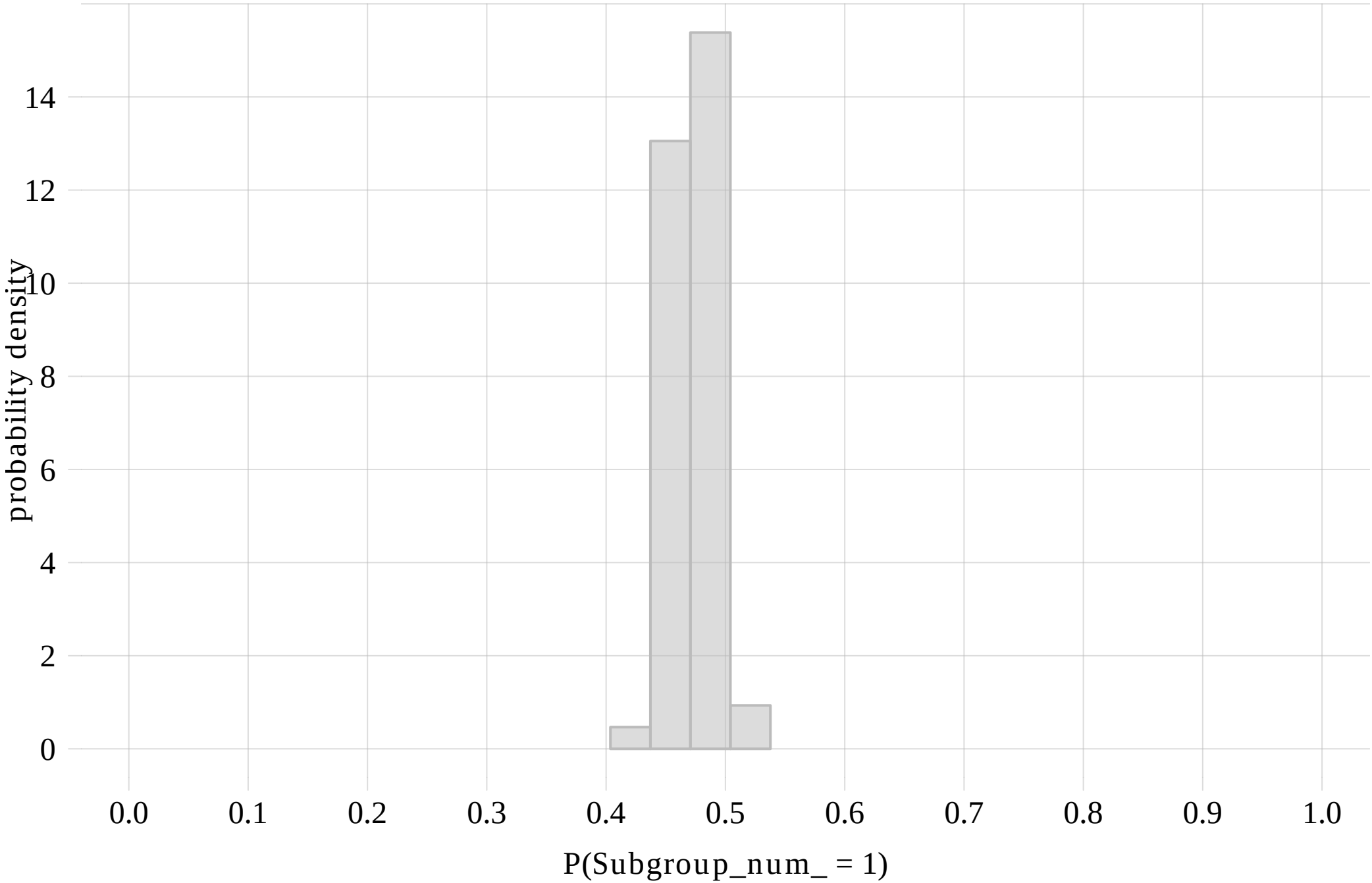

probability density
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300
TRABSCOR_neuro

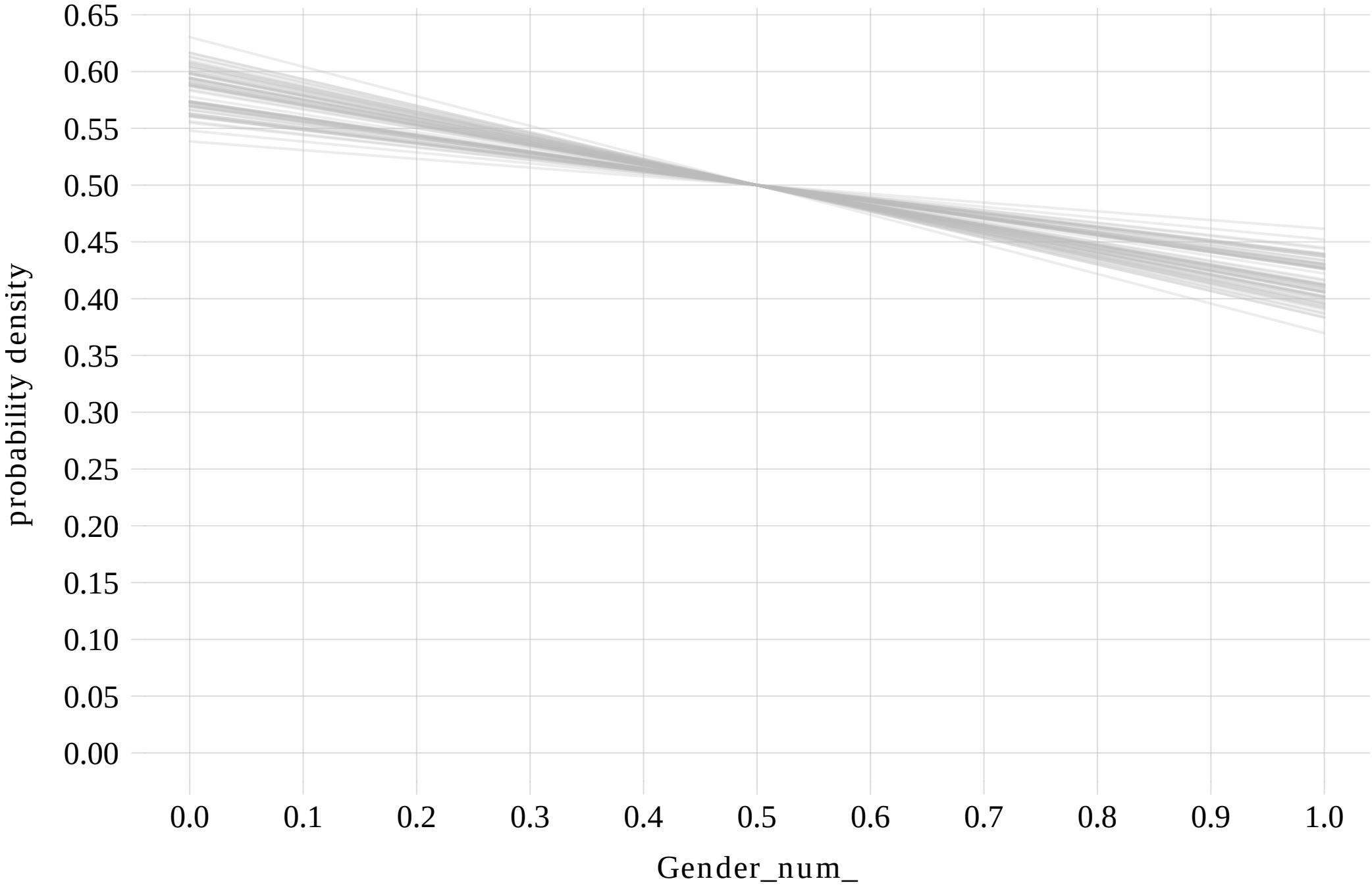

probability density
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
5
10
15
20
25
30
35
CATANIMSC_neuro

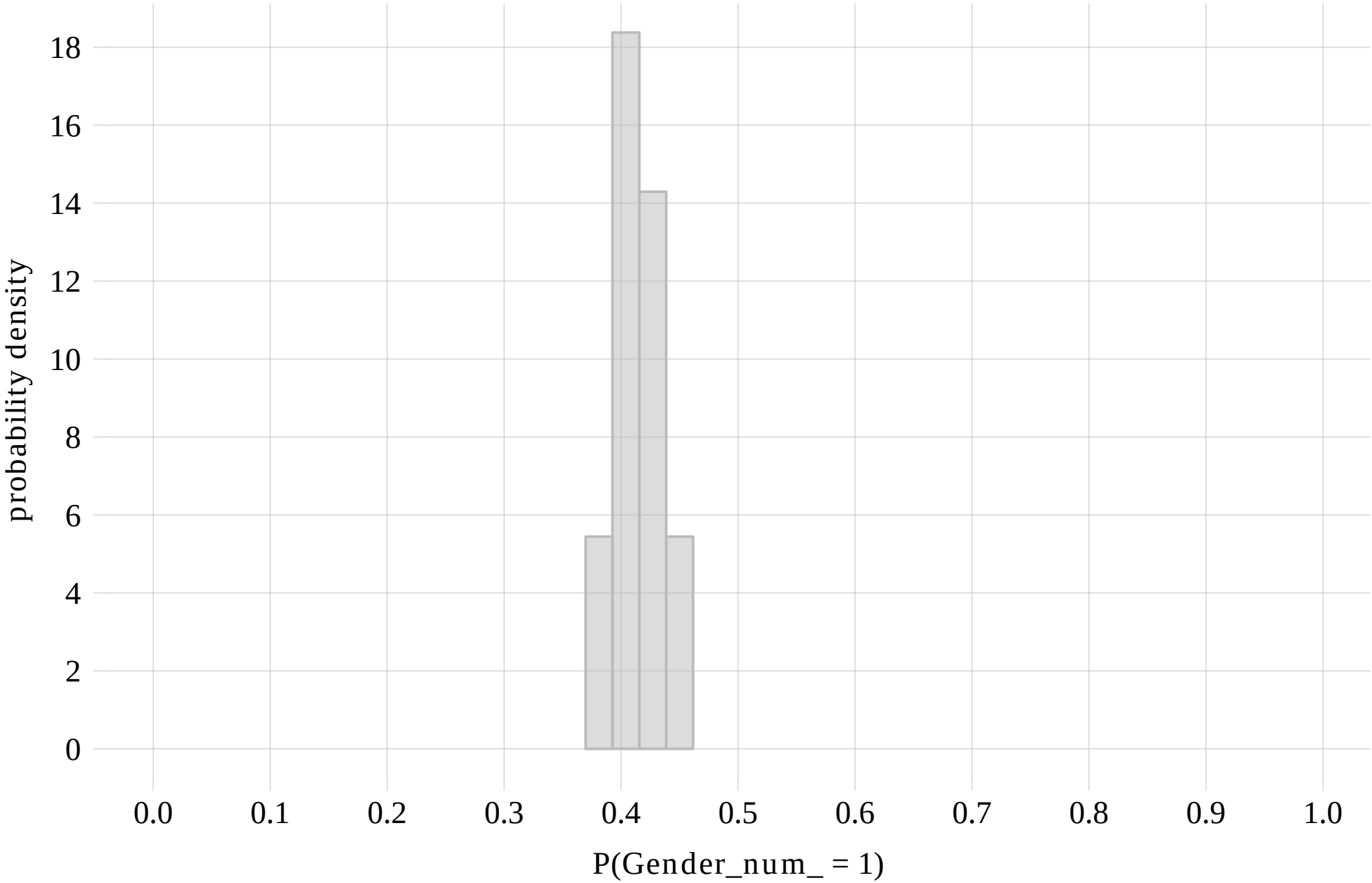

probability density
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0
GDTOTAL_gds

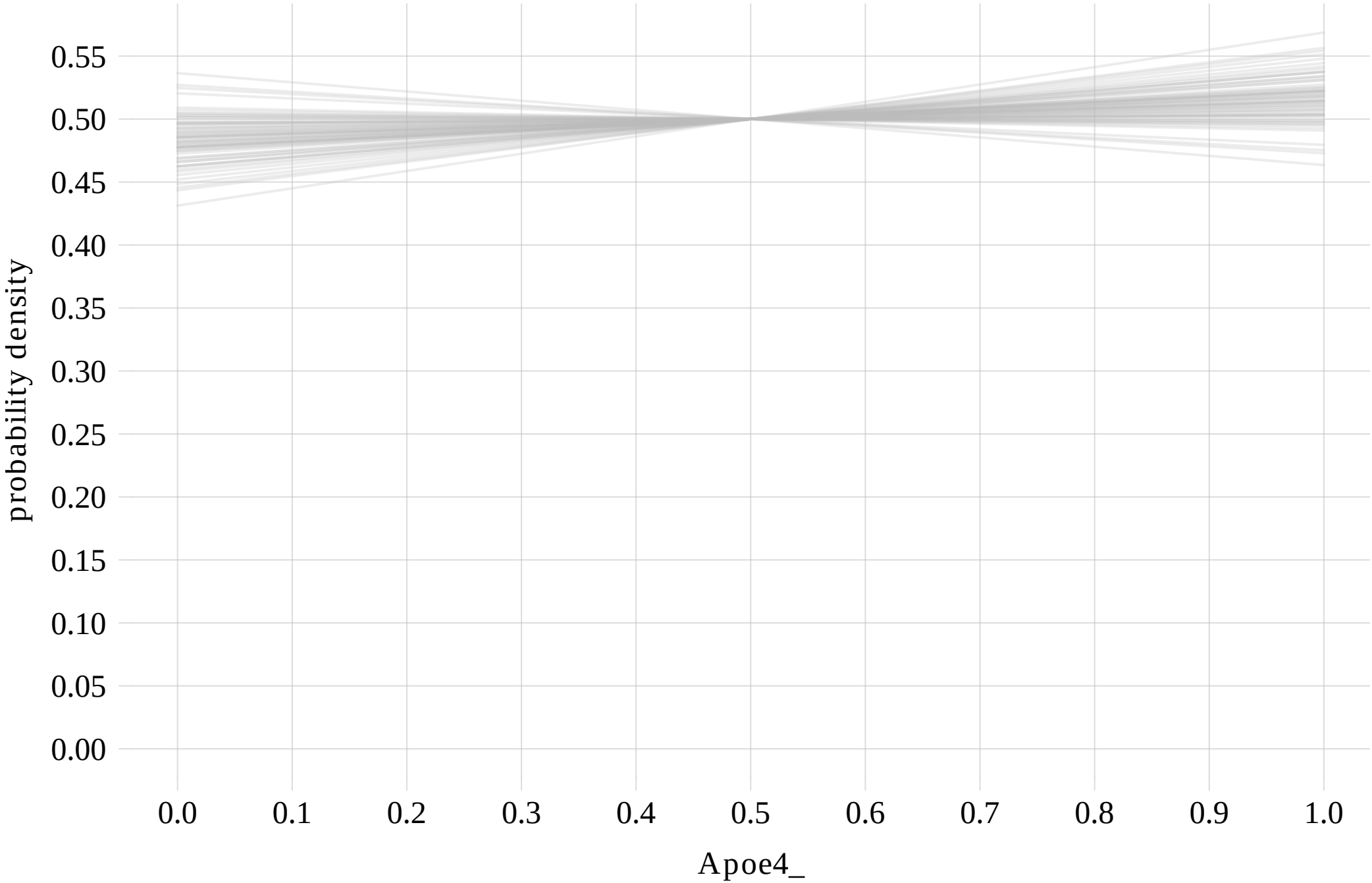

probability density
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
5
10
15
20
25
30
35
40
45
50
ANARTERR_neuro

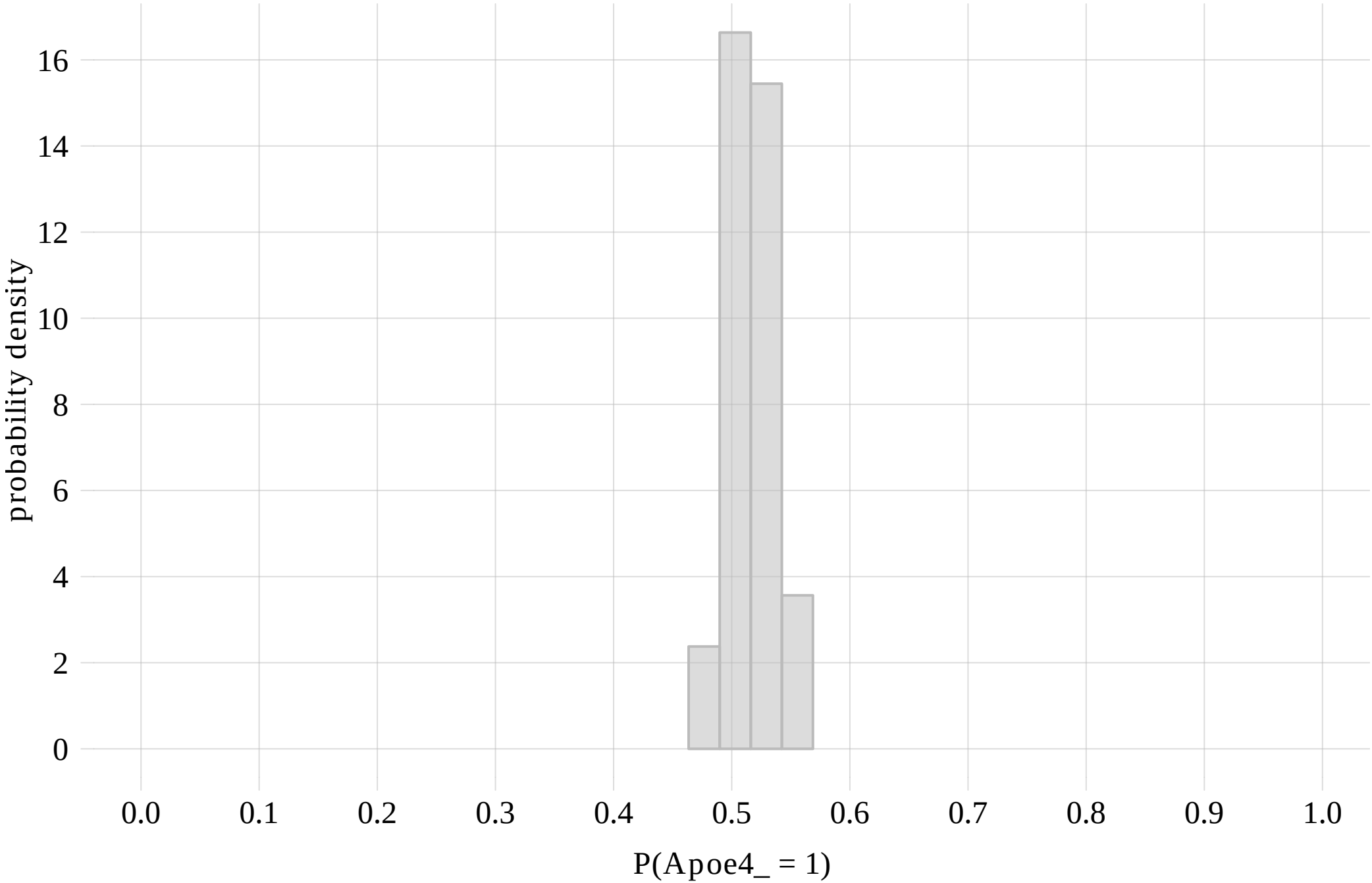

0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Subgroup_num_

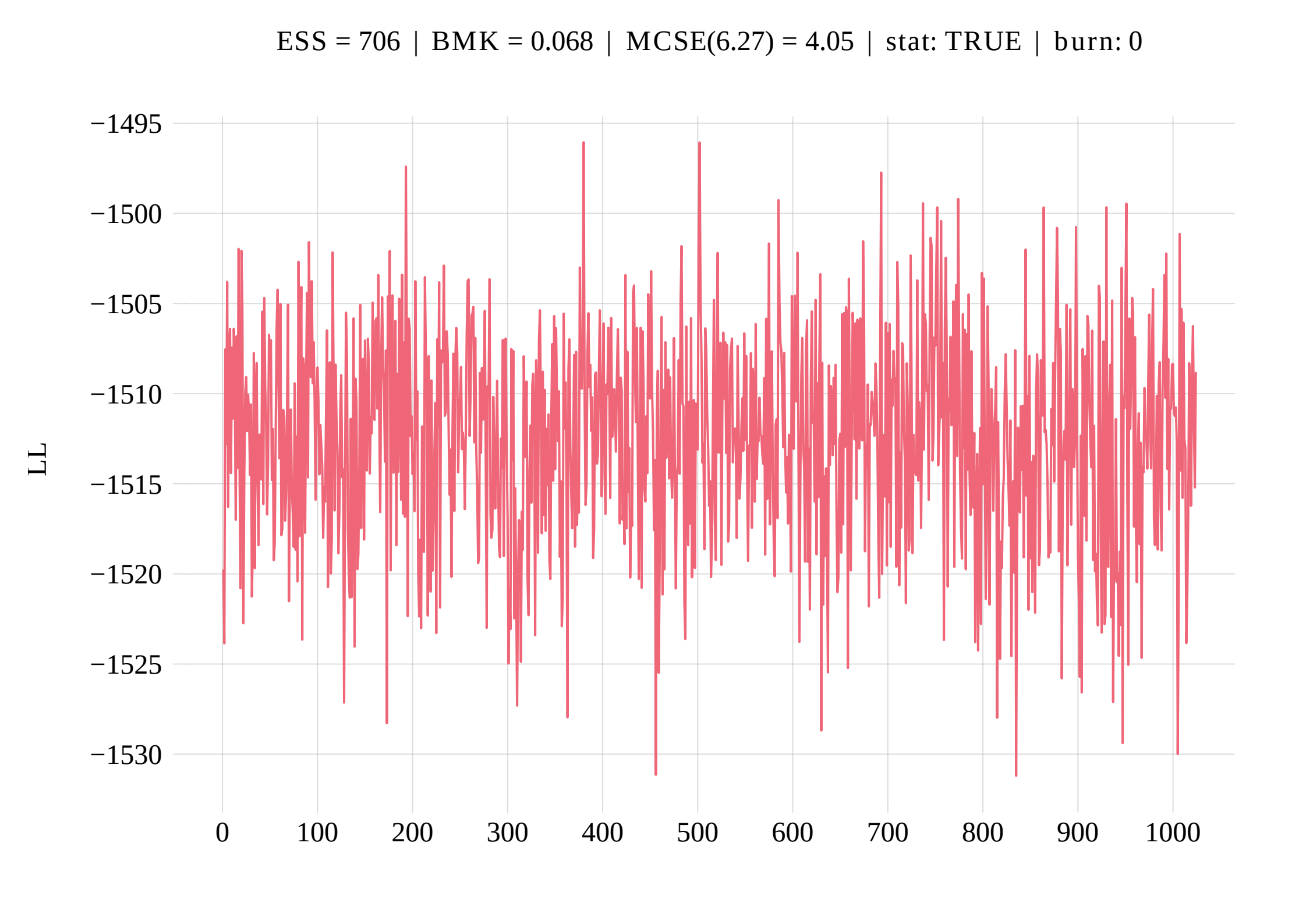

probability density
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Subgroup_num_ = 1)

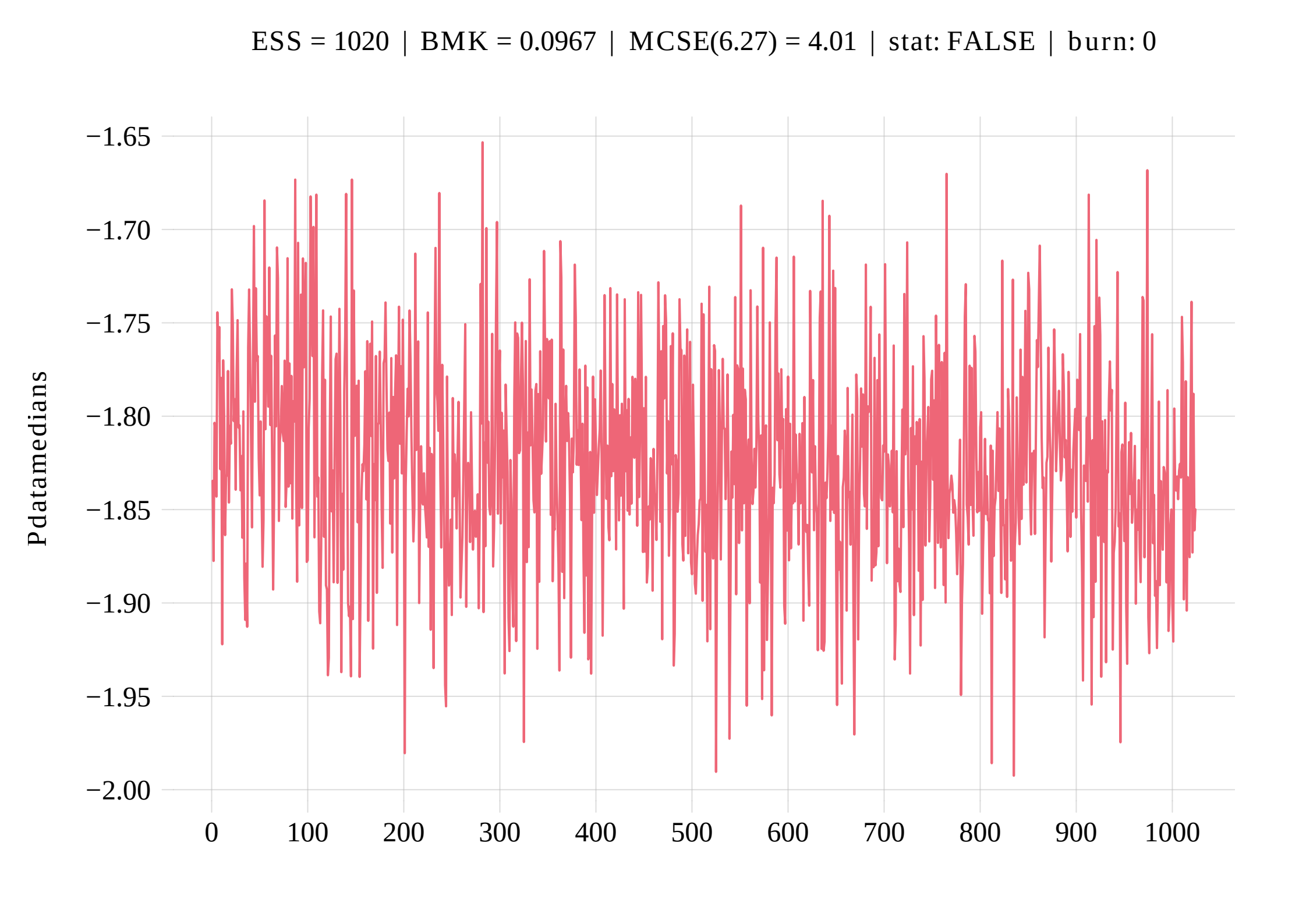

0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Gender_num_

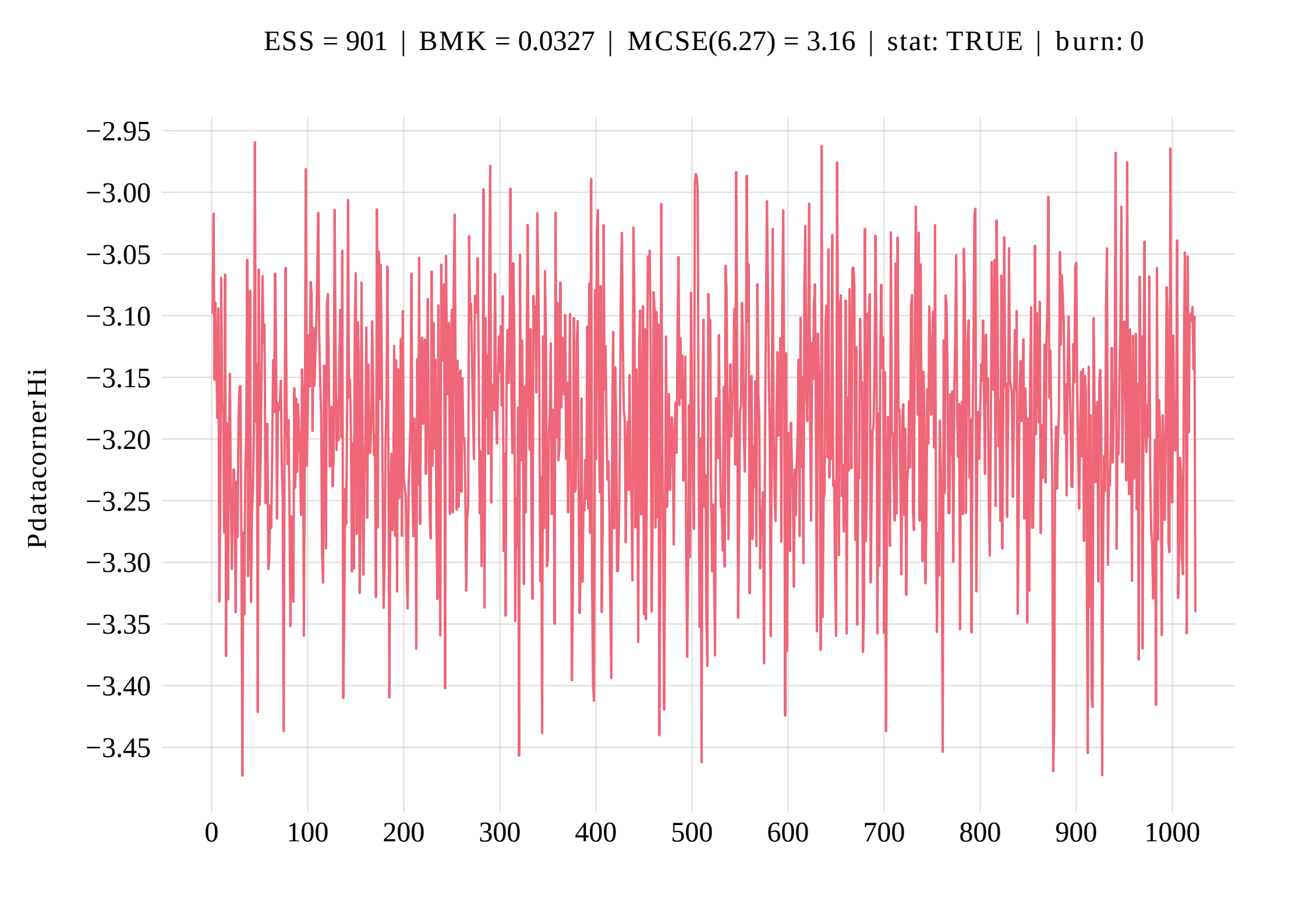

probability density
18
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Gender_num_ = 1)

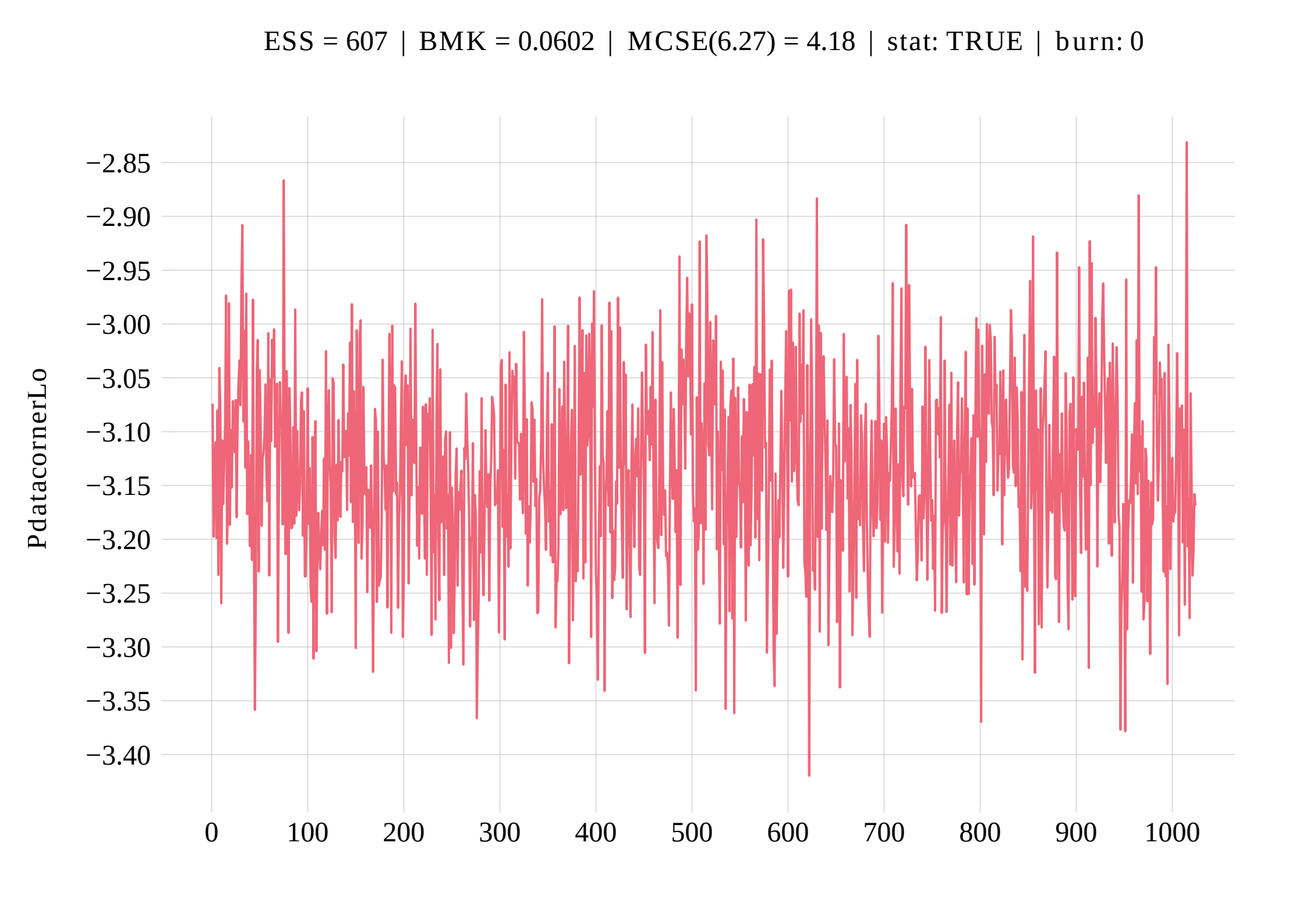

probability density
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Apoe4_

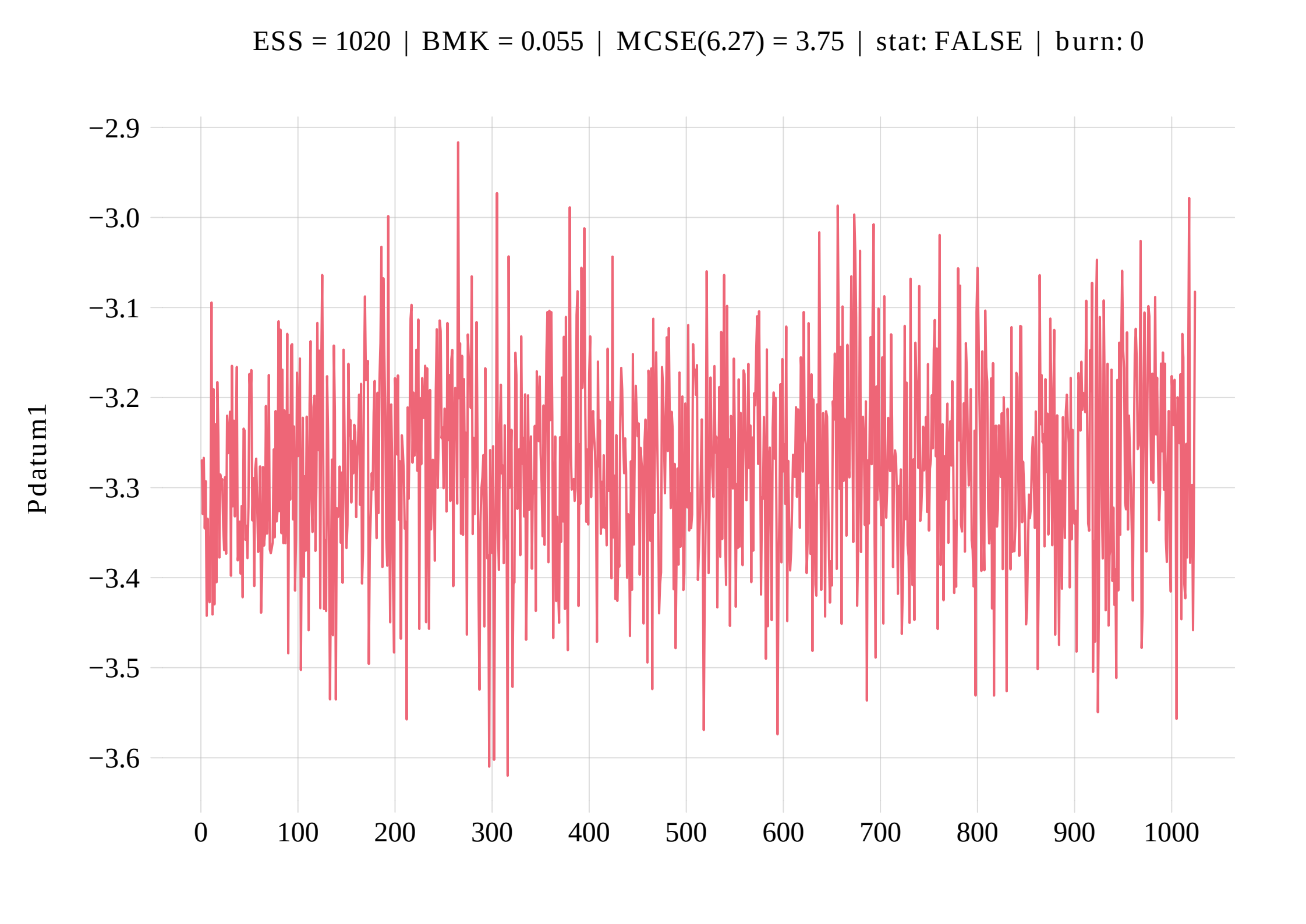

probability density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Apoe4_ = 1)

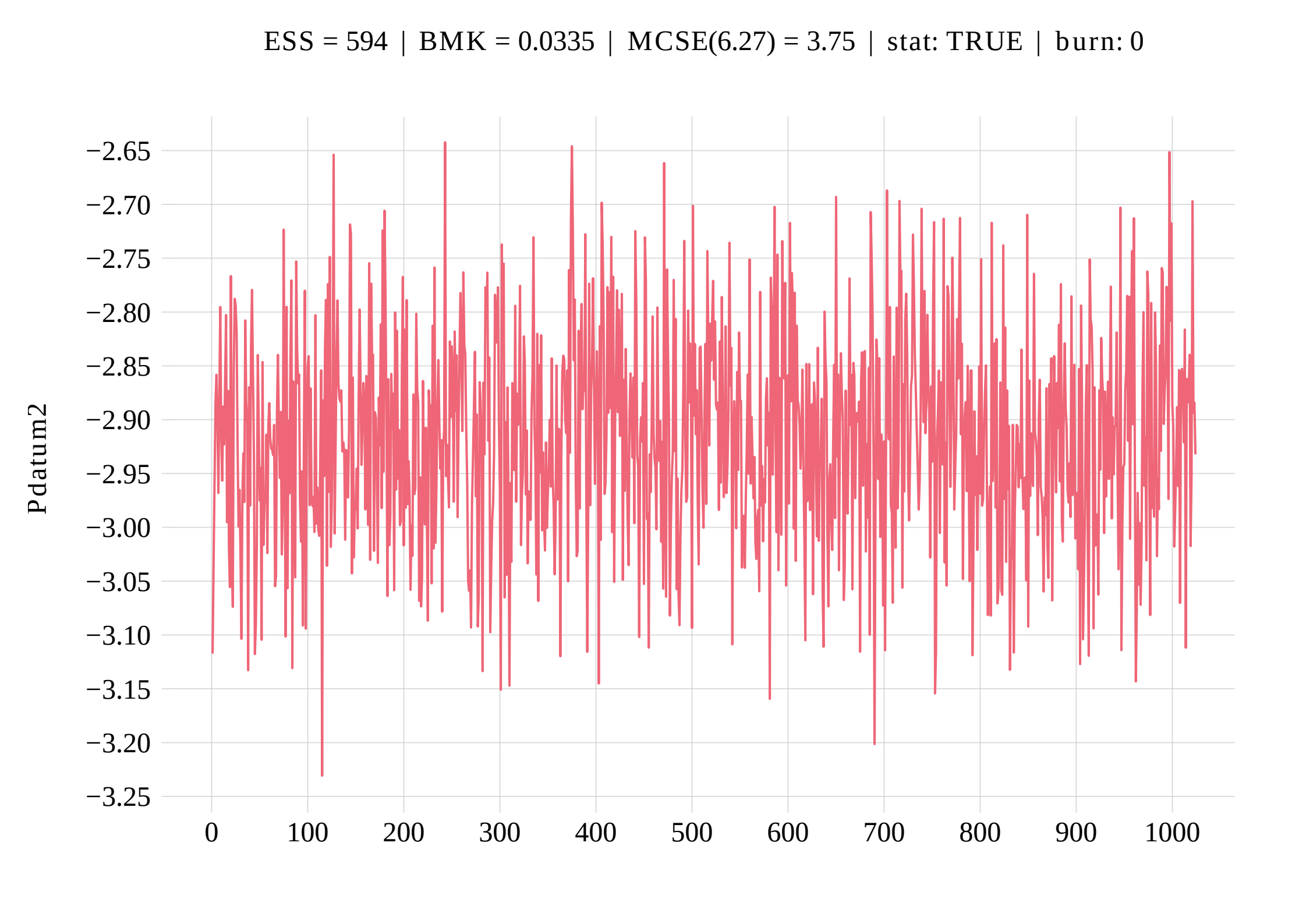

ESS = 706 | BMK = 0.068 | MCSE(6.27) = 4.05 | stat: TRUE | burn: 0
LL
−1495
−1500
−1505
−1510
−1515
−1520
−1525
−1530
0
100
200
300
400
500
600
700
800
900
1000

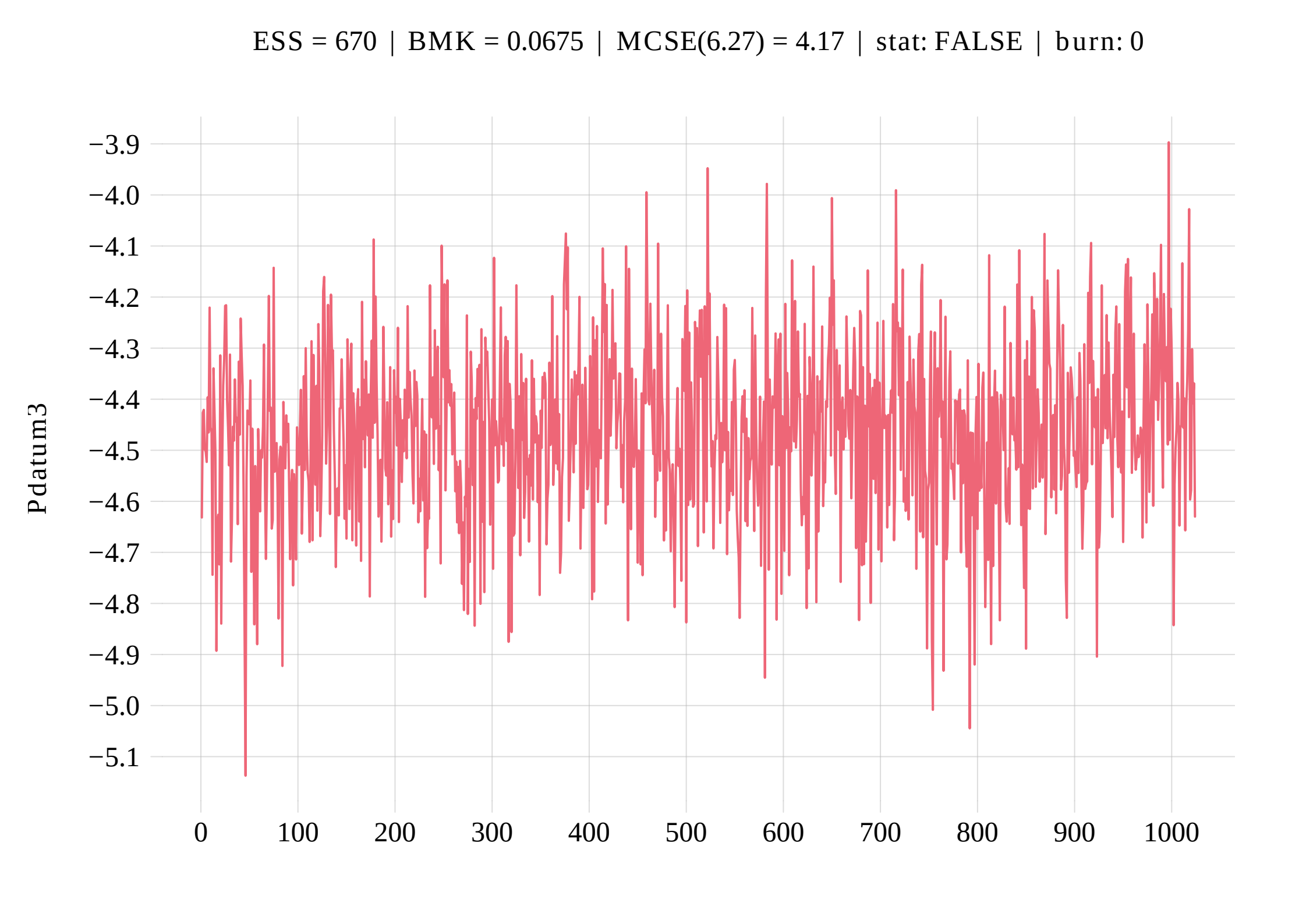

ESS = 1020 | BMK = 0.0967 | MCSE(6.27) = 4.01 | stat: FALSE | burn: 0
Pdatamedians
−1.65
−1.70
−1.75
−1.80
−1.85
−1.90
−1.95
−2.00
0
100
200
300
400
500
600
700
800
900
1000

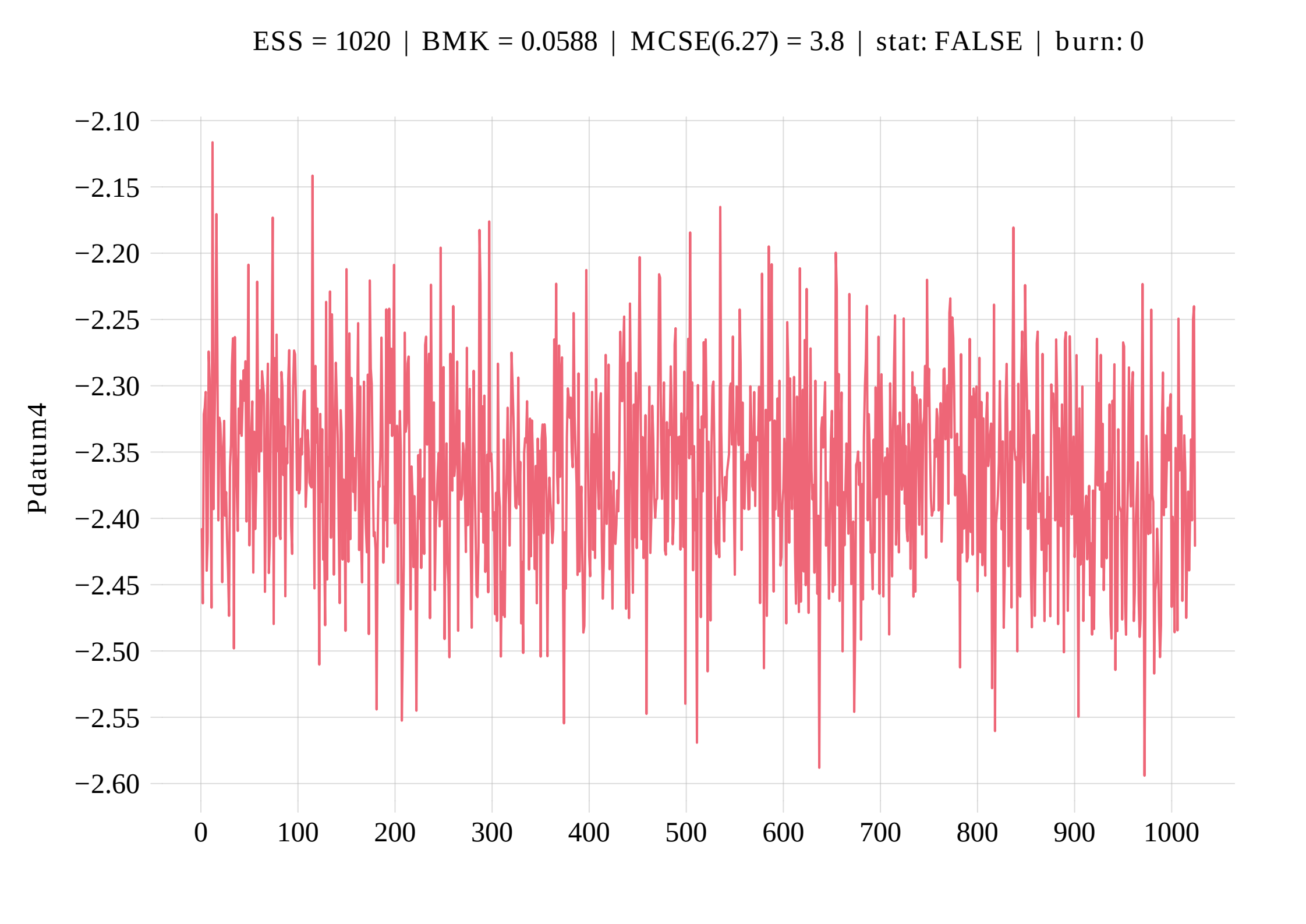

ESS = 901 | BMK = 0.0327 | MCSE(6.27) = 3.16 | stat: TRUE | burn: 0
PdatacornerHi
−2.95
−3.00
−3.05
−3.10
−3.15
−3.20
−3.25
−3.30
−3.35
−3.40
−3.45
0
100
200
300
400
500
600
700
800
900
1000

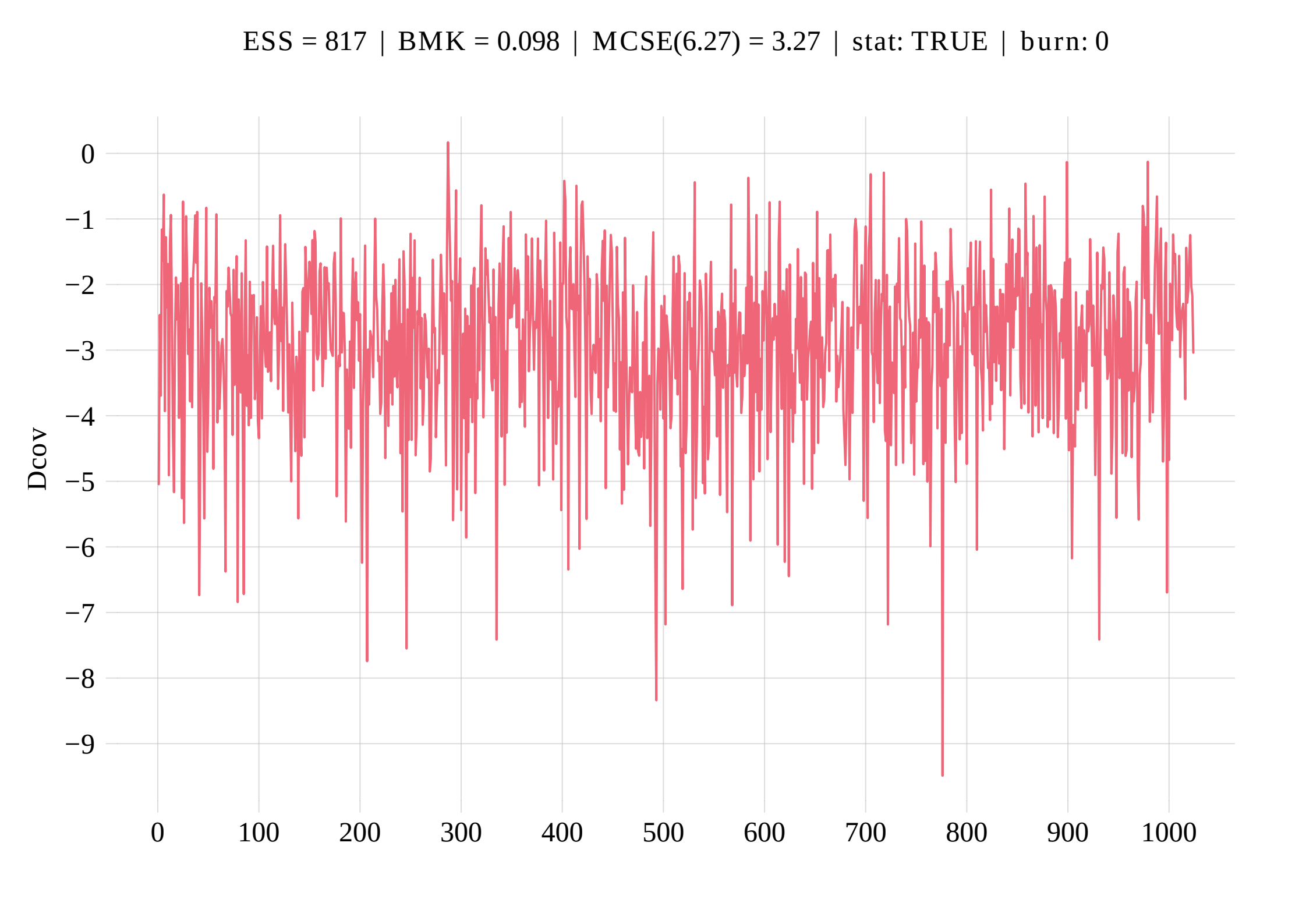

ESS = 607 | BMK = 0.0602 | MCSE(6.27) = 4.18 | stat: TRUE | burn: 0
PdatacornerLo
−2.85
−2.90
−2.95
−3.00
−3.05
−3.10
−3.15
−3.20
−3.25
−3.30
−3.35
−3.40
0
100
200
300
400
500
600
700
800
900
1000

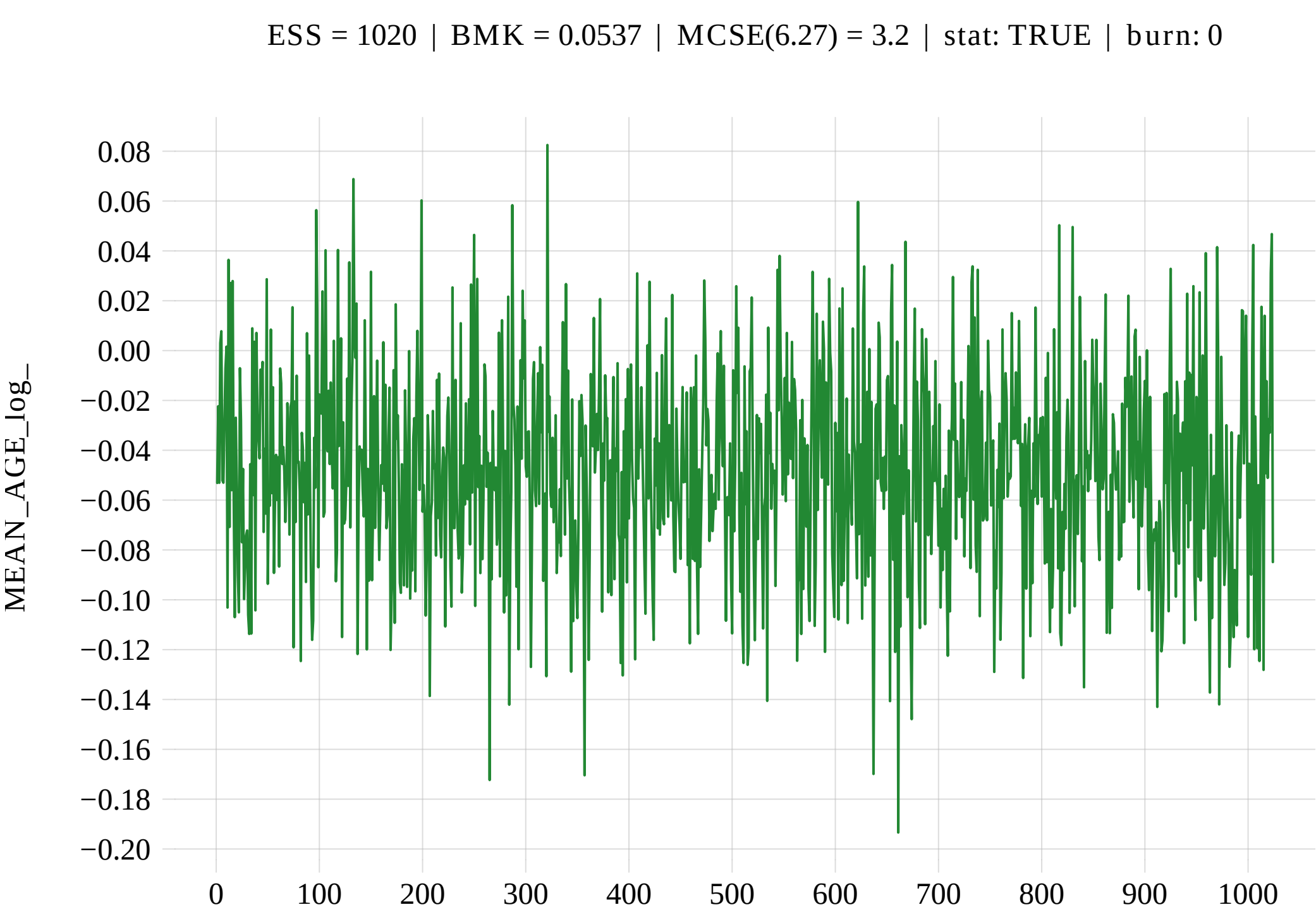

ESS = 1020 | BMK = 0.055 | MCSE(6.27) = 3.75 | stat: FALSE | burn: 0
Pdatum1
−2.9
−3.0
−3.1
−3.2
−3.3
−3.4
−3.5
−3.6
0
100
200
300
400
500
600
700
800
900
1000

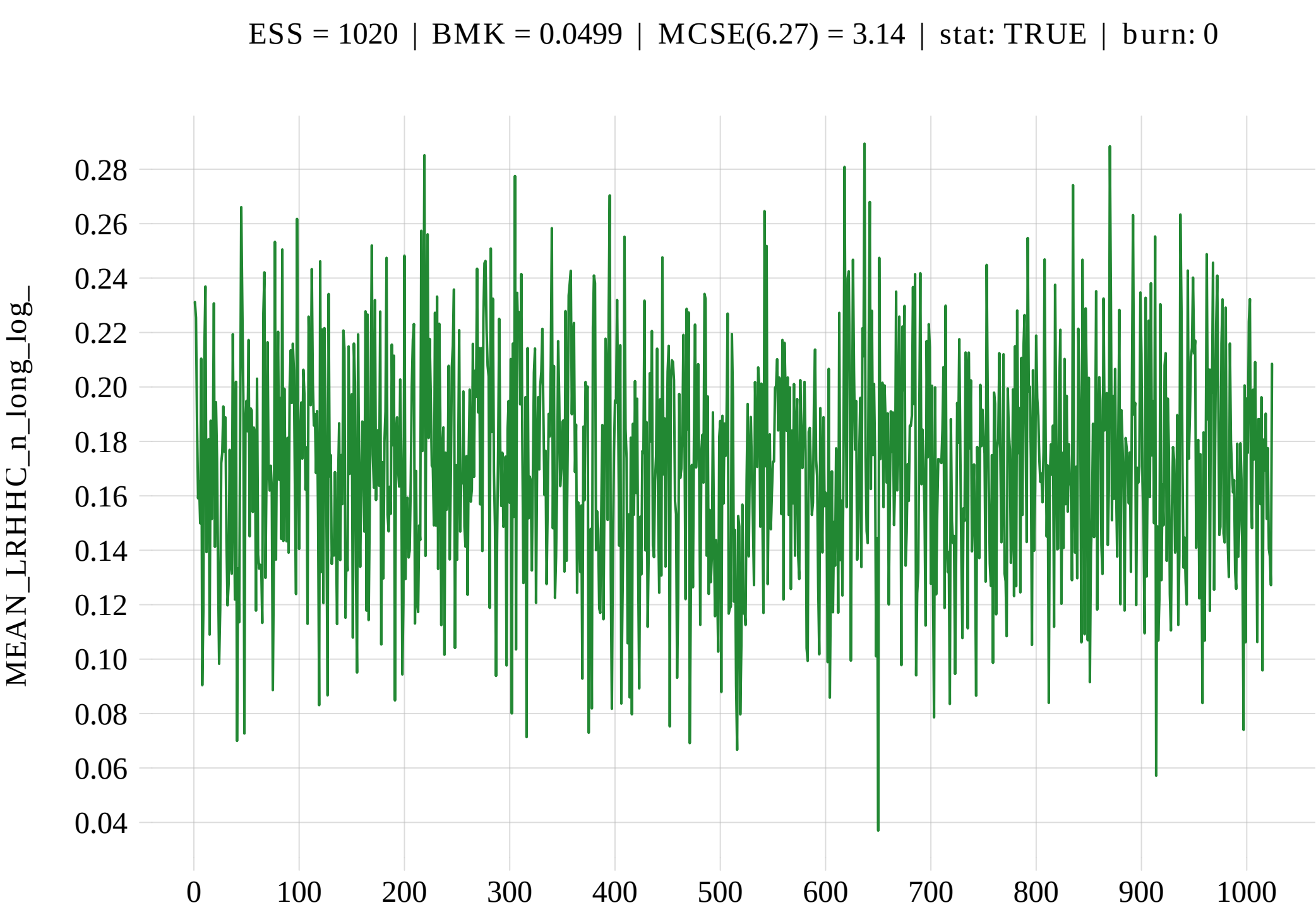

ESS = 594 | BMK = 0.0335 | MCSE(6.27) = 3.75 | stat: TRUE | burn: 0
Pdatum2
−2.65
−2.70
−2.75
−2.80
−2.85
−2.90
−2.95
−3.00
−3.05
−3.10
−3.15
−3.20
−3.25
0
100
200
300
400
500
600
700
800
900
1000

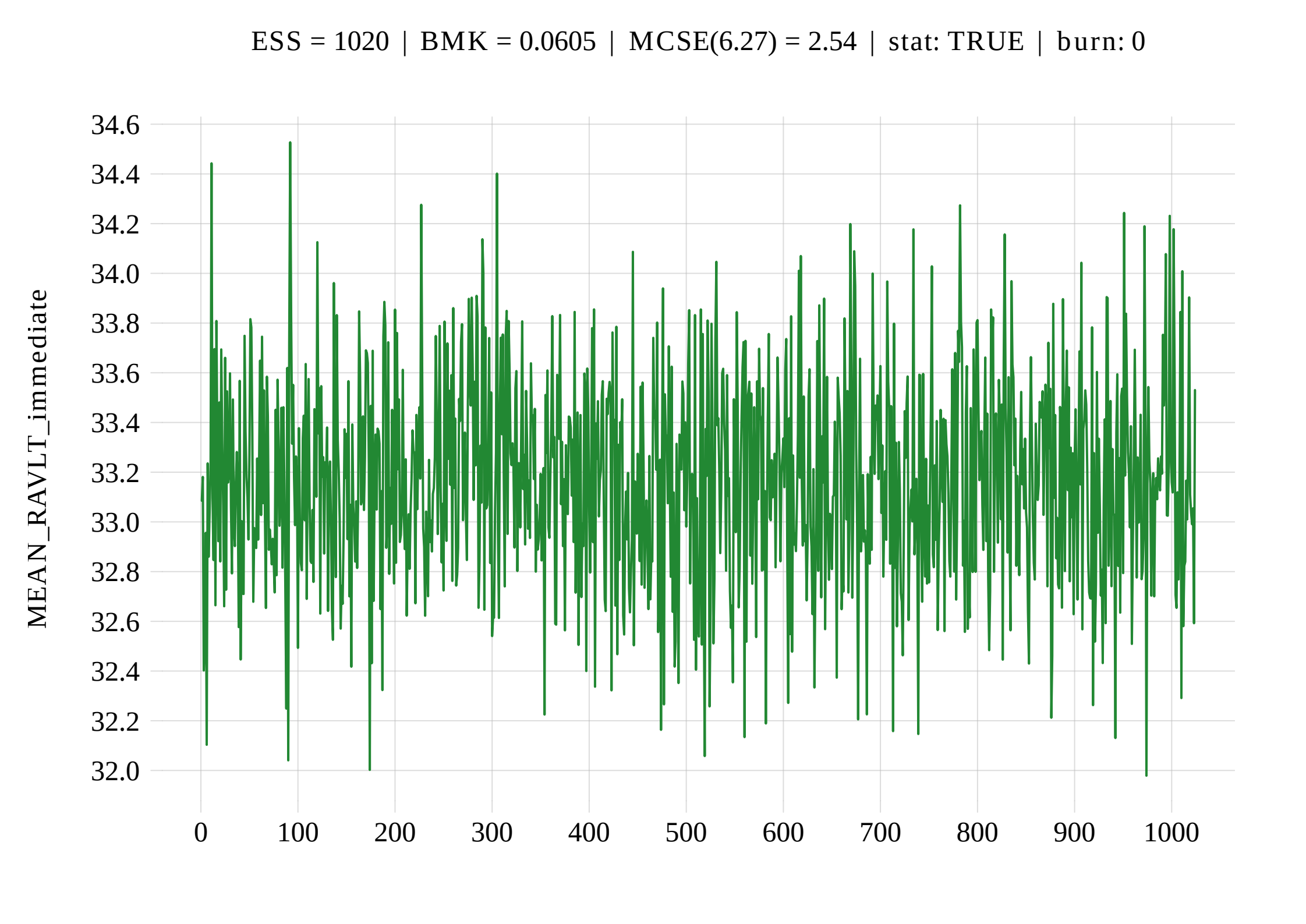

ESS = 670 | BMK = 0.0675 | MCSE(6.27) = 4.17 | stat: FALSE | burn: 0
Pdatum3
−3.9
−4.0
−4.1
−4.2
−4.3
−4.4
−4.5
−4.6
−4.7
−4.8
−4.9
−5.0
−5.1
0
100
200
300
400
500
600
700
800
900
1000

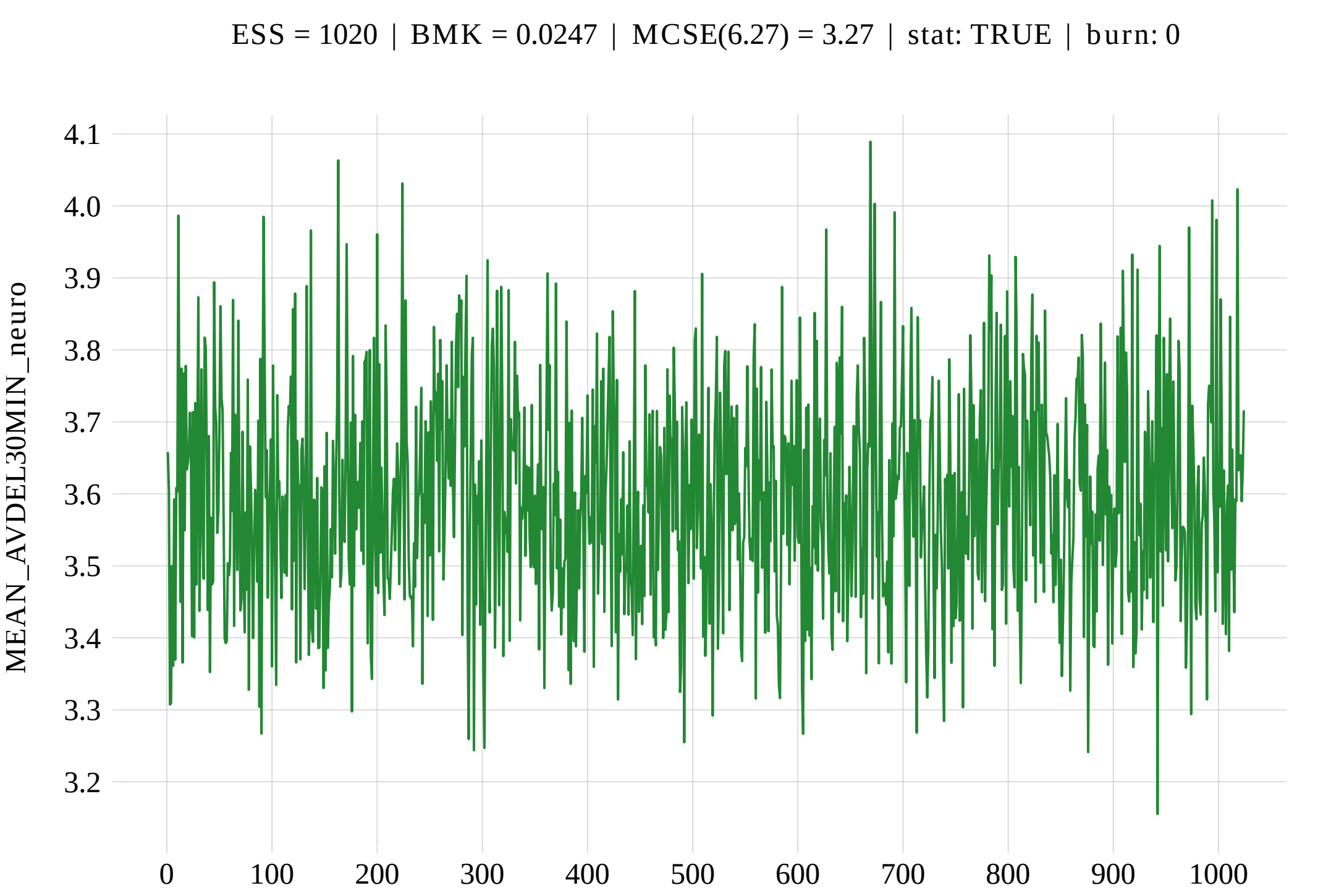

ESS = 1020 | BMK = 0.0588 | MCSE(6.27) = 3.8 | stat: FALSE | burn: 0
Pdatum4
−2.10
−2.15
−2.20
−2.25
−2.30
−2.35
−2.40
−2.45
−2.50
−2.55
−2.60
0
100
200
300
400
500
600
700
800
900
1000

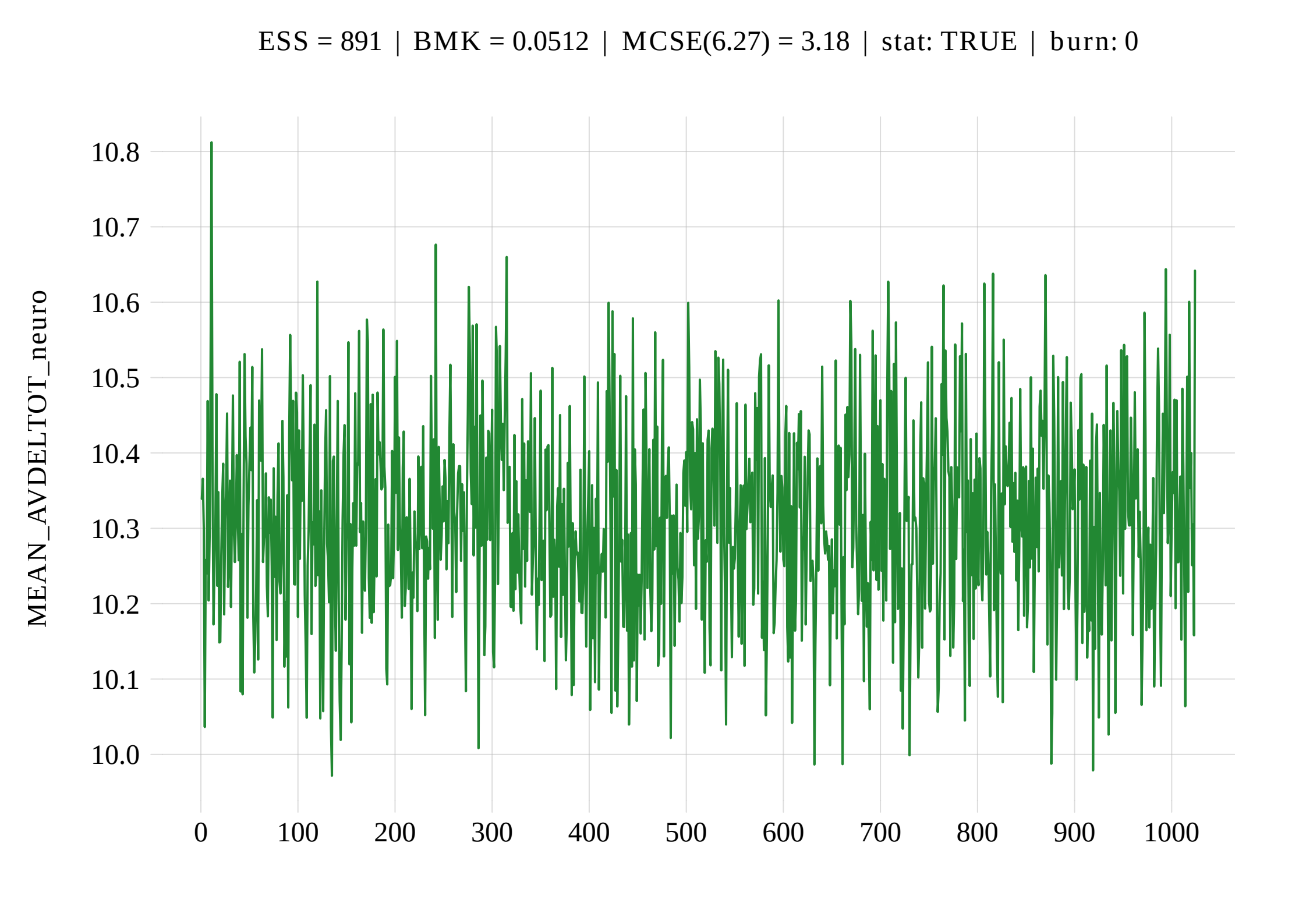

ESS = 817 | BMK = 0.098 | MCSE(6.27) = 3.27 | stat: TRUE | burn: 0
Dcov
0
−1
−2
−3
−4
−5
−6
−7
−8
−9
0
100
200
300
400
500
600
700
800
900
1000

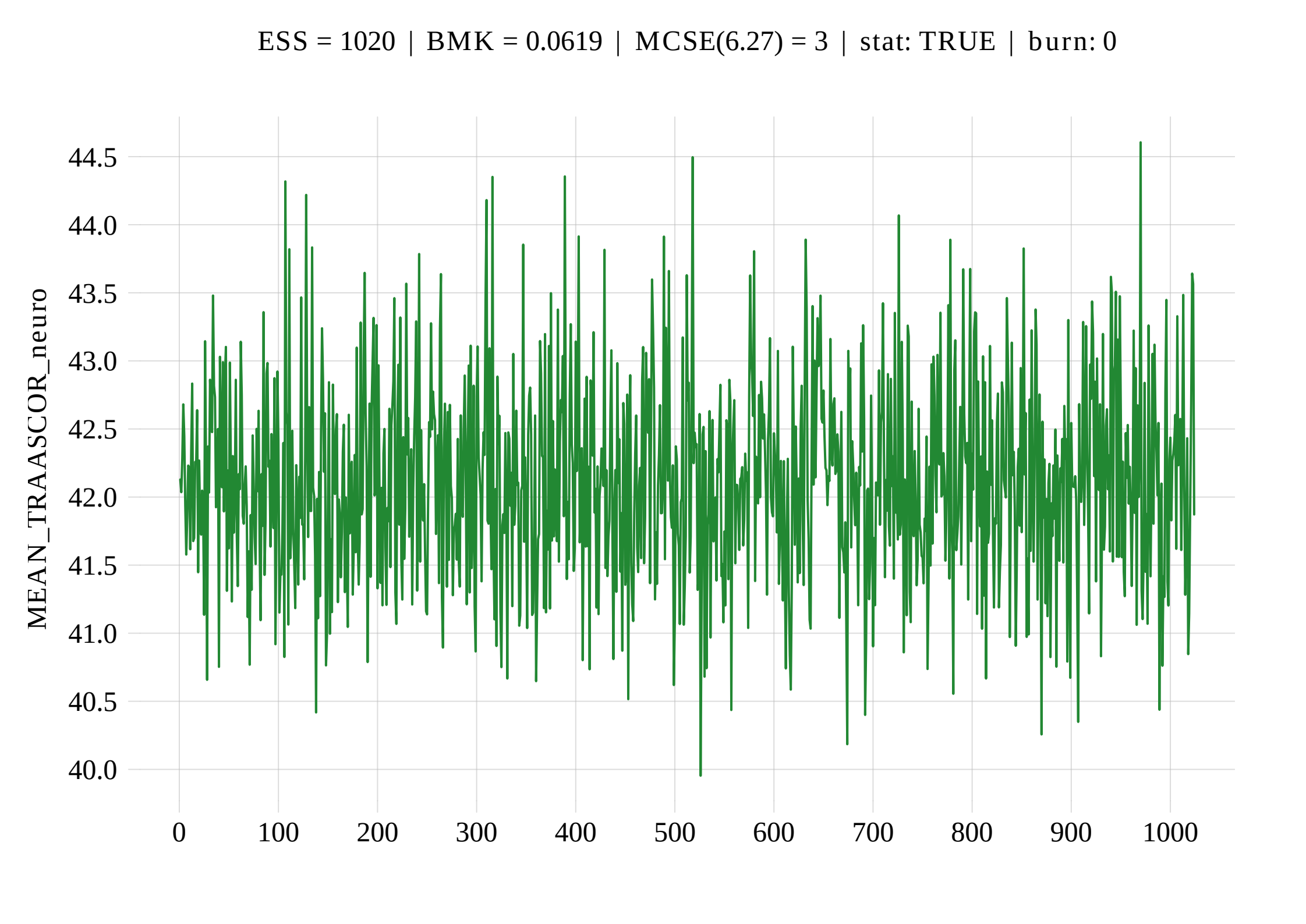

ESS = 1020 | BMK = 0.0537 | MCSE(6.27) = 3.2 | stat: TRUE | burn: 0
MEAN_AGE_log_
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
−0.16
−0.18
−0.20
0
100
200
300
400
500
600
700
800
900
1000

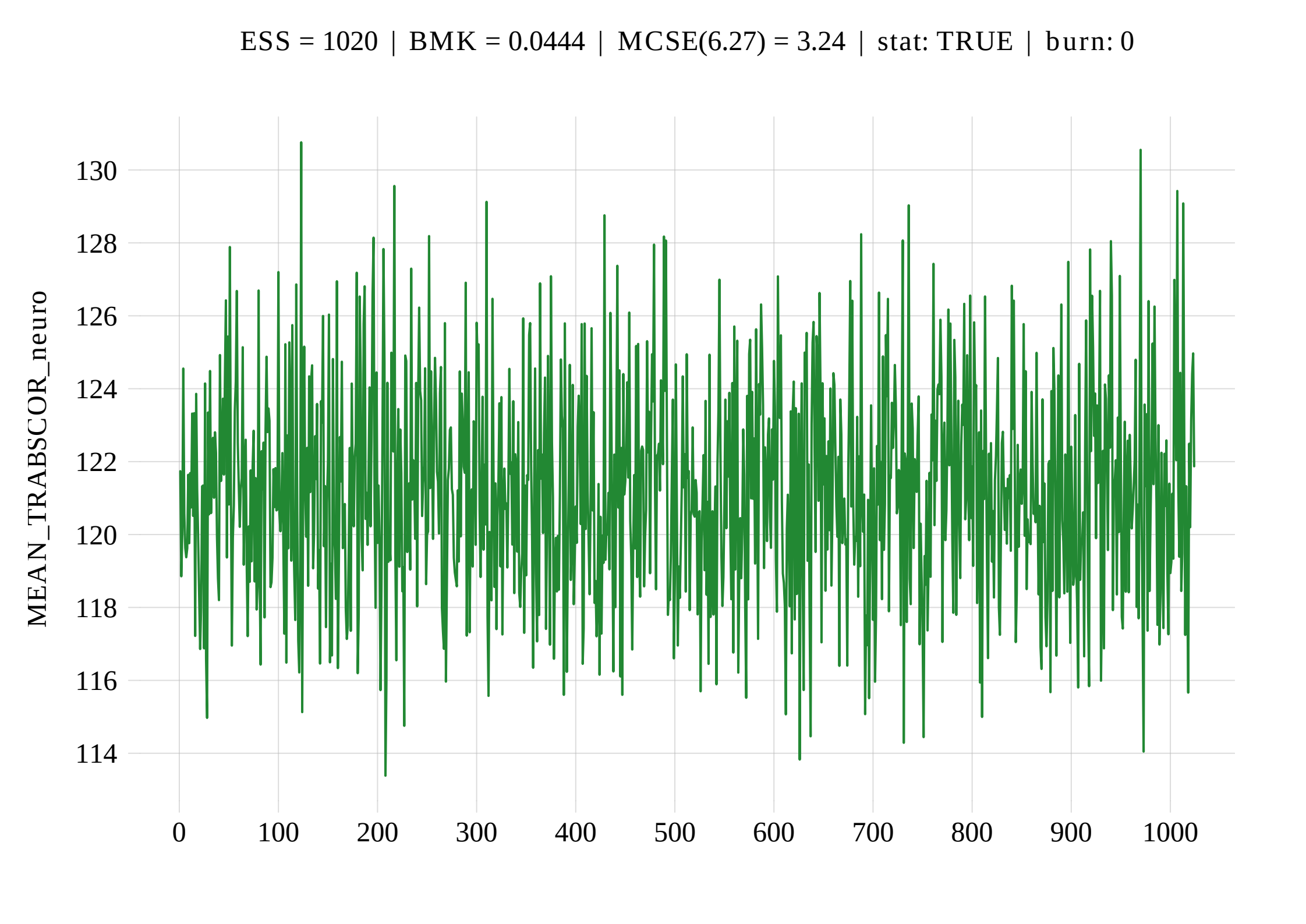

ESS = 1020 | BMK = 0.0499 | MCSE(6.27) = 3.14 | stat: TRUE | burn: 0
MEAN_LRHHC_n_long_log_
0.28
0.26
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0
100
200
300
400
500
600
700
800
900
1000

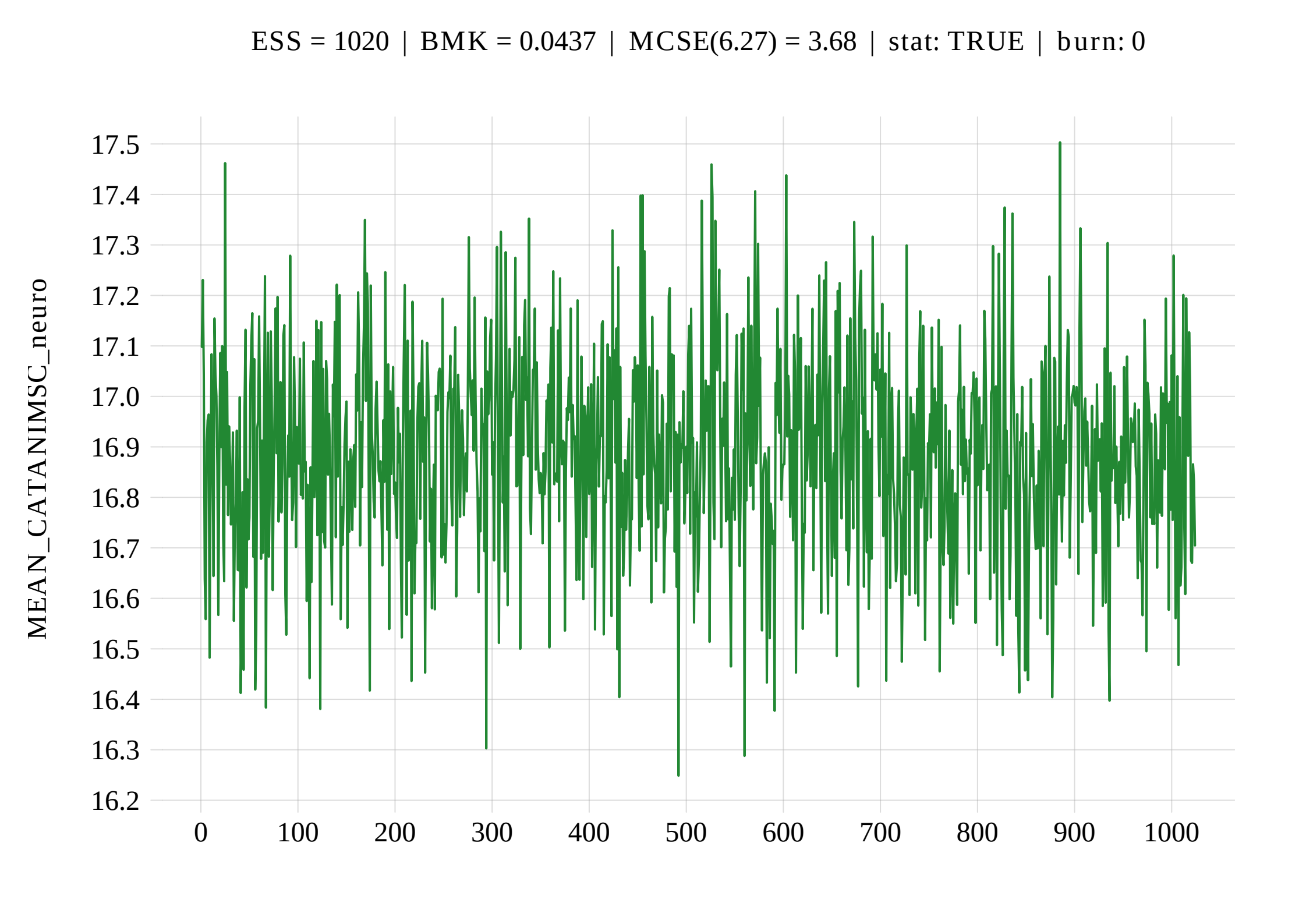

ESS = 1020 | BMK = 0.0605 | MCSE(6.27) = 2.54 | stat: TRUE | burn: 0
MEAN_RAVLT_immediate
34.6
34.4
34.2
34.0
33.8
33.6
33.4
33.2
33.0
32.8
32.6
32.4
32.2
32.0
0
100
200
300
400
500
600
700
800
900
1000

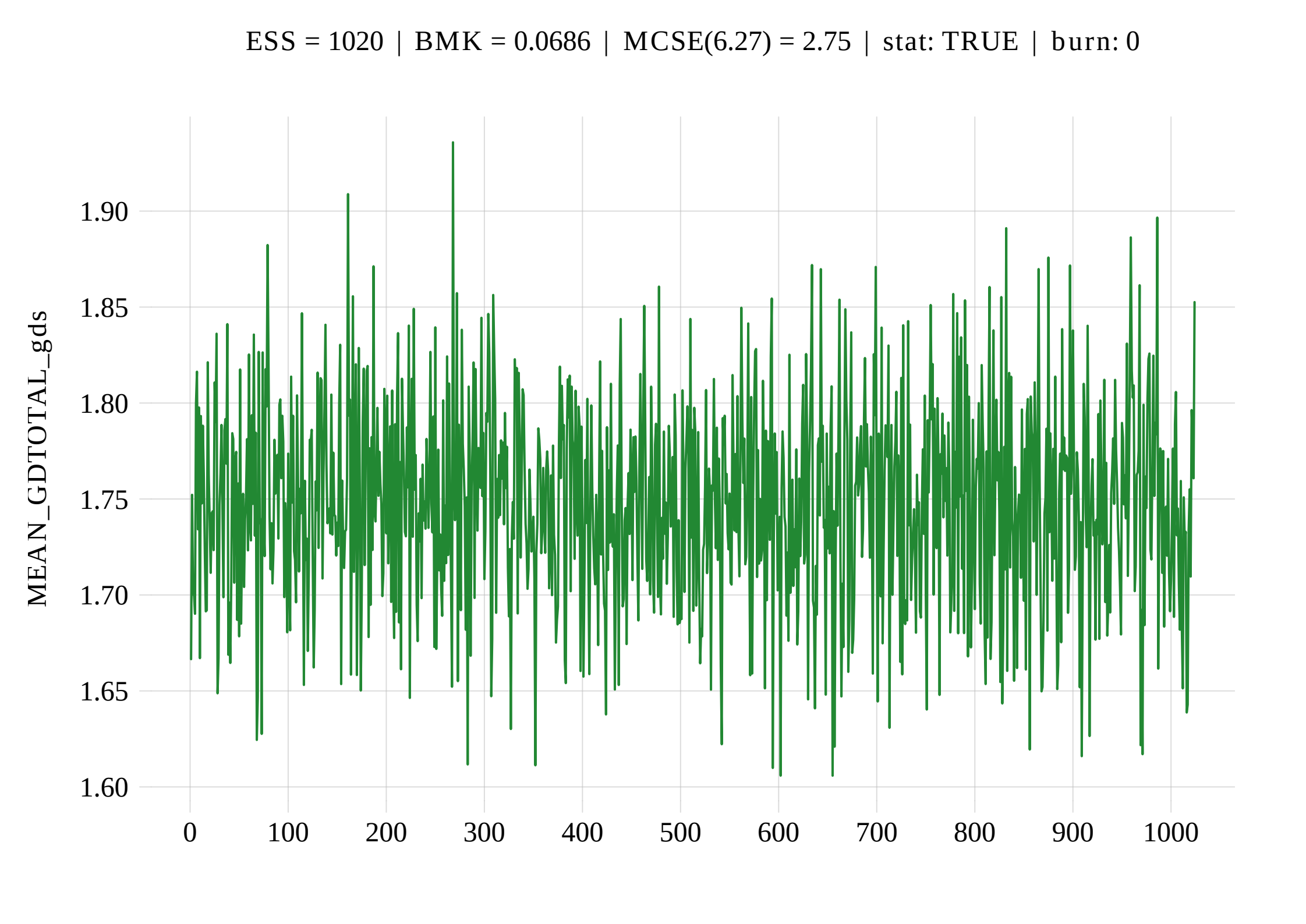

ESS = 1020 | BMK = 0.0247 | MCSE(6.27) = 3.27 | stat: TRUE | burn: 0
MEAN_AVDEL30MIN_neuro
4.1
4.0
3.9
3.8
3.7
3.6
3.5
3.4
3.3
3.2
0
100
200
300
400
500
600
700
800
900
1000

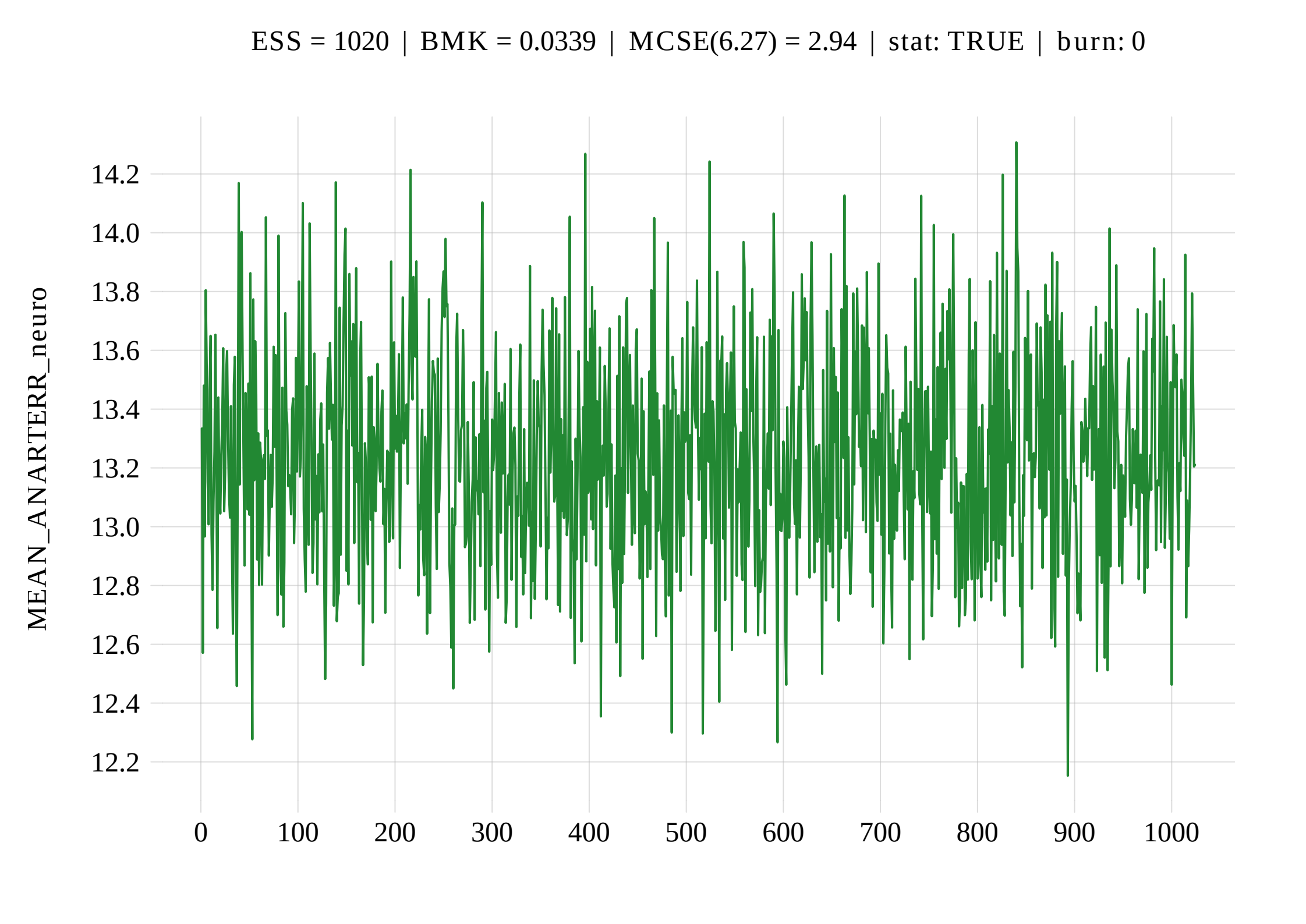

ESS = 891 | BMK = 0.0512 | MCSE(6.27) = 3.18 | stat: TRUE | burn: 0
MEAN_AVDELTOT_neuro
10.8
10.7
10.6
10.5
10.4
10.3
10.2
10.1
10.0
0
100
200
300
400
500
600
700
800
900
1000

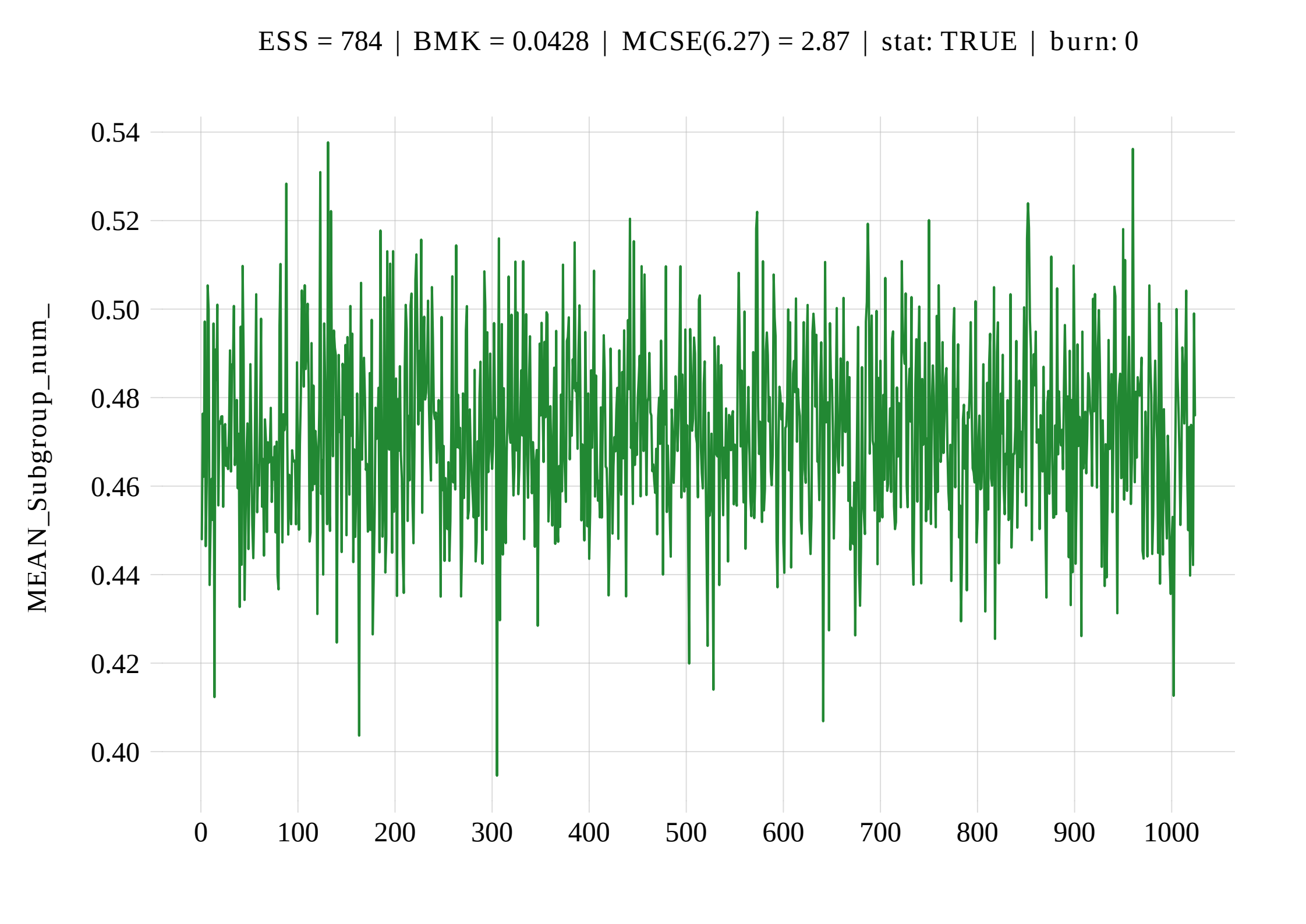

ESS = 1020 | BMK = 0.0619 | MCSE(6.27) = 3 | stat: TRUE | burn: 0
MEAN_TRAASCOR_neuro
44.5
44.0
43.5
43.0
42.5
42.0
41.5
41.0
40.5
40.0
0
100
200
300
400
500
600
700
800
900
1000

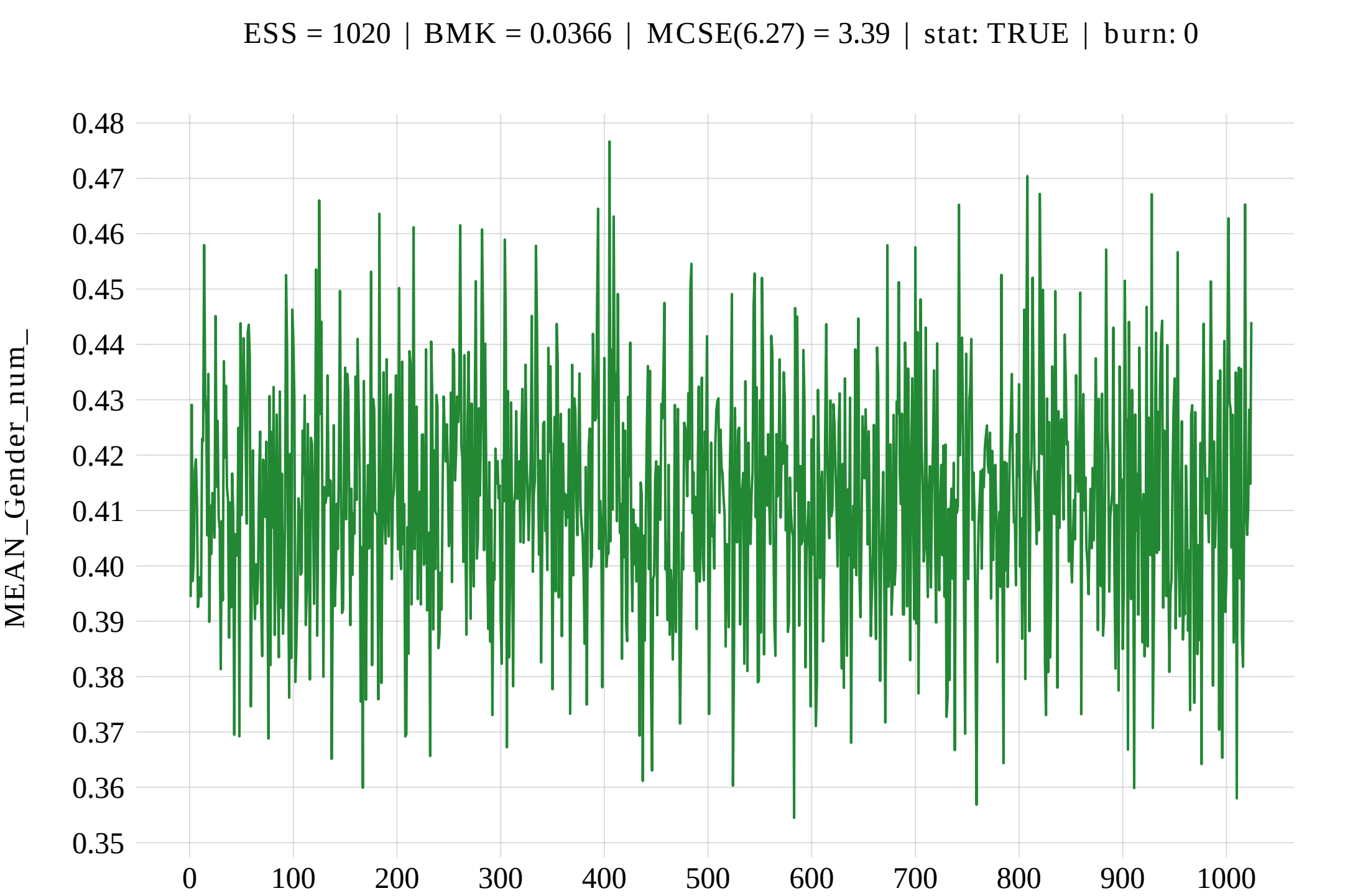

ESS = 1020 | BMK = 0.0444 | MCSE(6.27) = 3.24 | stat: TRUE | burn: 0
MEAN_TRABSCOR_neuro
130
128
126
124
122
120
118
116
114
0
100
200
300
400
500
600
700
800
900
1000

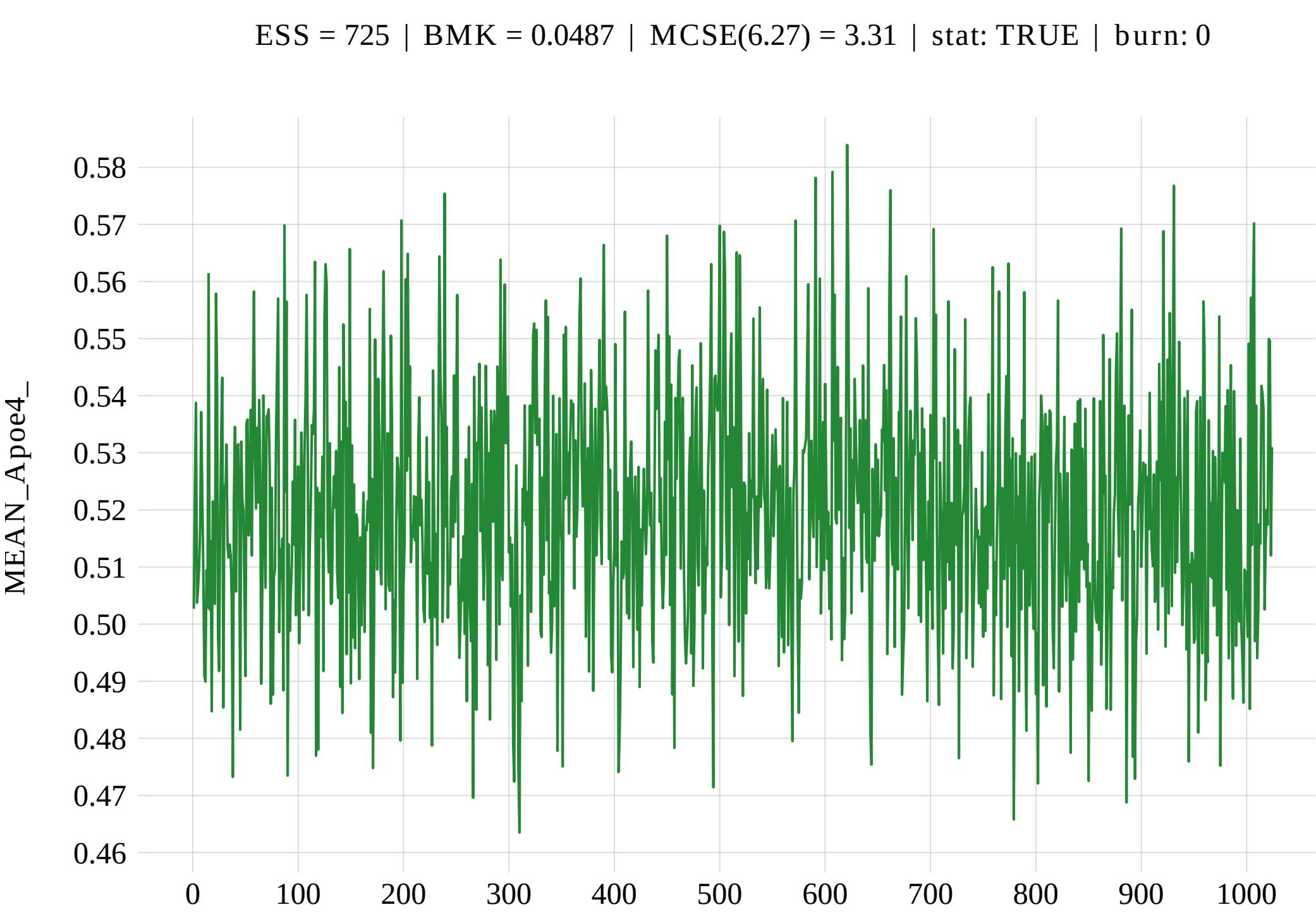

ESS = 1020 | BMK = 0.0437 | MCSE(6.27) = 3.68 | stat: TRUE | burn: 0
MEAN_CATANIMSC_neuro
17.5
17.4
17.3
17.2
17.1
17.0
16.9
16.8
16.7
16.6
16.5
16.4
16.3
16.2
0
100
200
300
400
500
600
700
800
900
1000

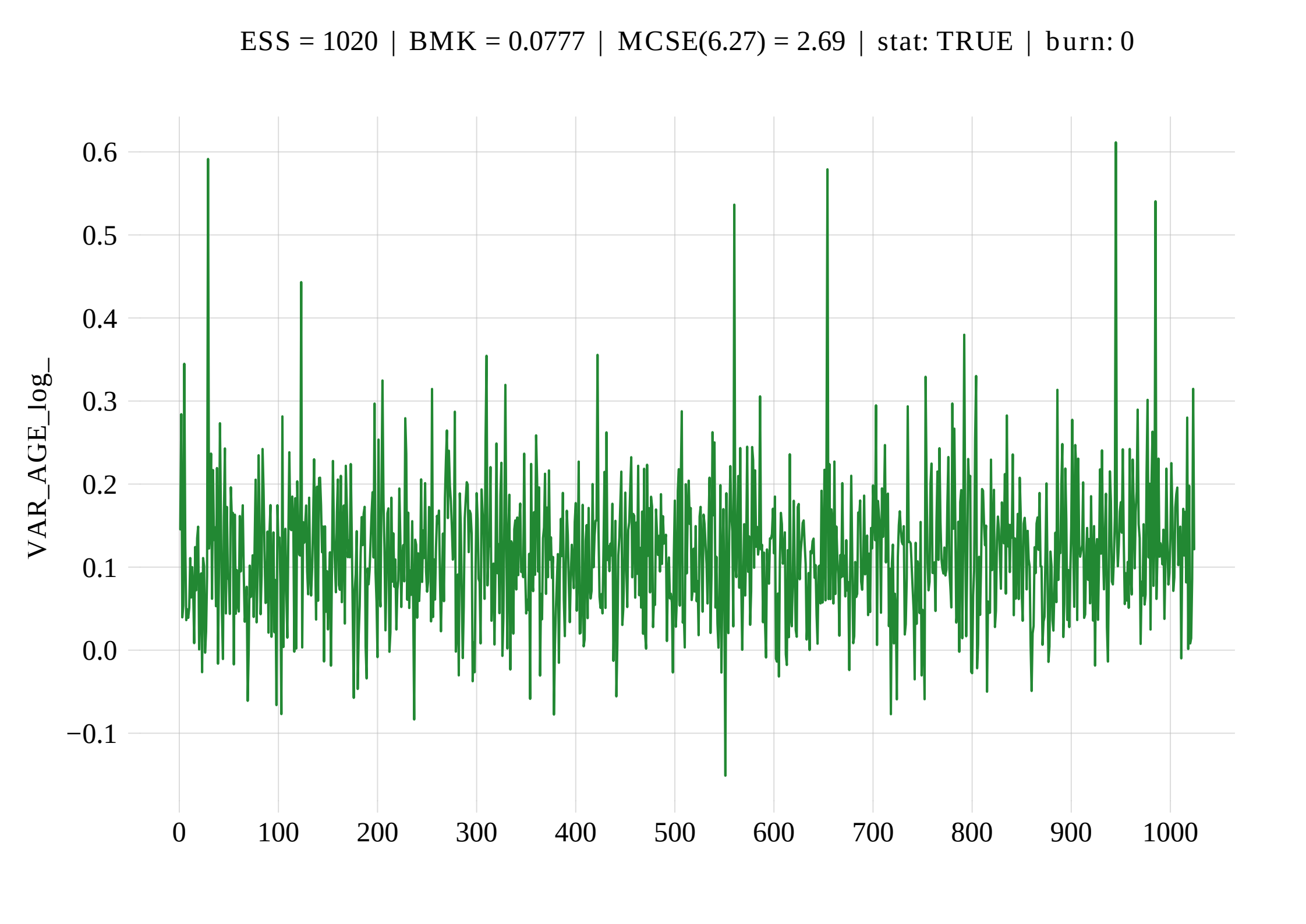

ESS = 1020 | BMK = 0.0686 | MCSE(6.27) = 2.75 | stat: TRUE | burn: 0
MEAN_GDTOTAL_gds
1.90
1.85
1.80
1.75
1.70
1.65
1.60
0
100
200
300
400
500
600
700
800
900
1000

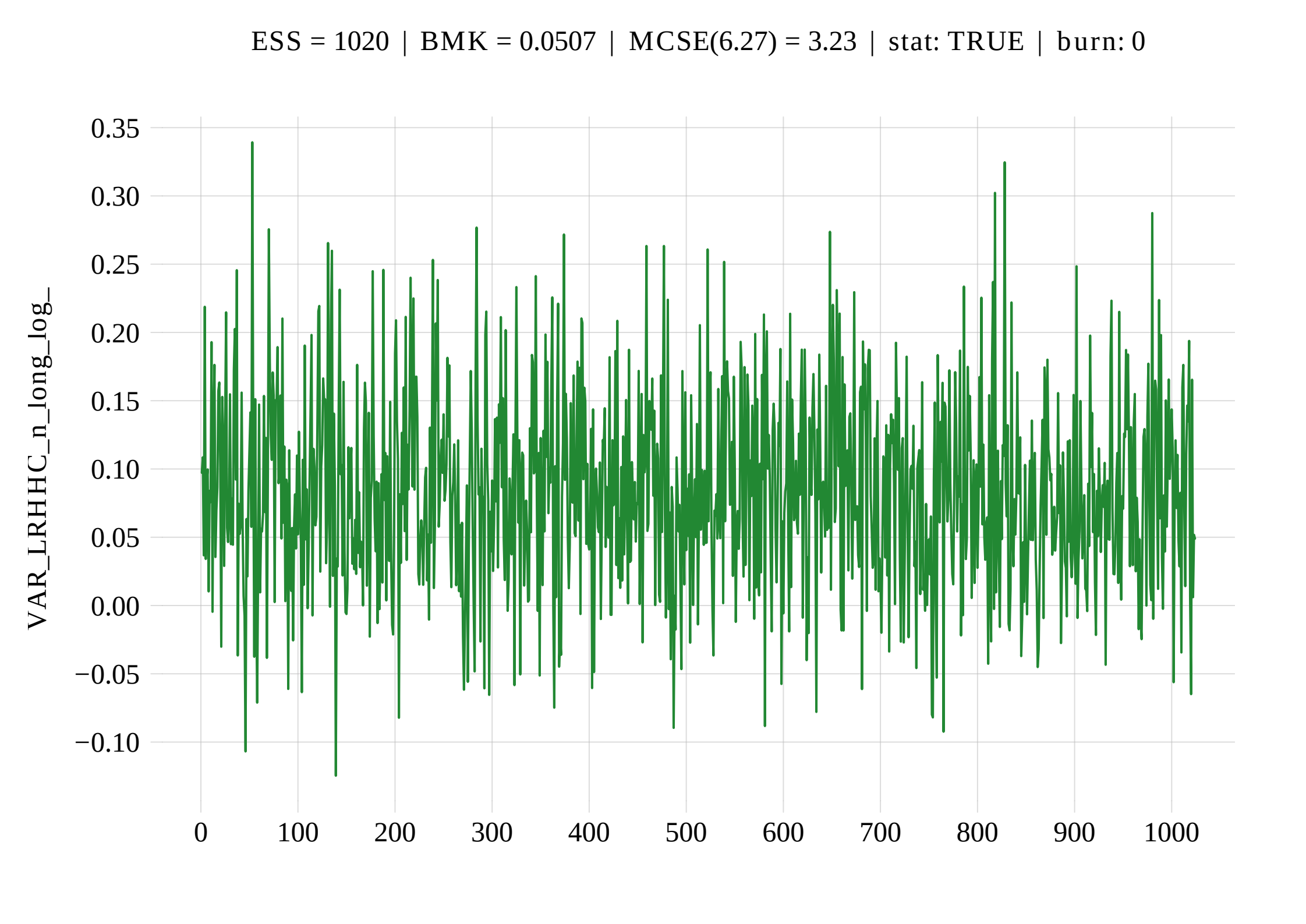

ESS = 1020 | BMK = 0.0339 | MCSE(6.27) = 2.94 | stat: TRUE | burn: 0
MEAN_ANARTERR_neuro
14.2
14.0
13.8
13.6
13.4
13.2
13.0
12.8
12.6
12.4
12.2
0
100
200
300
400
500
600
700
800
900
1000

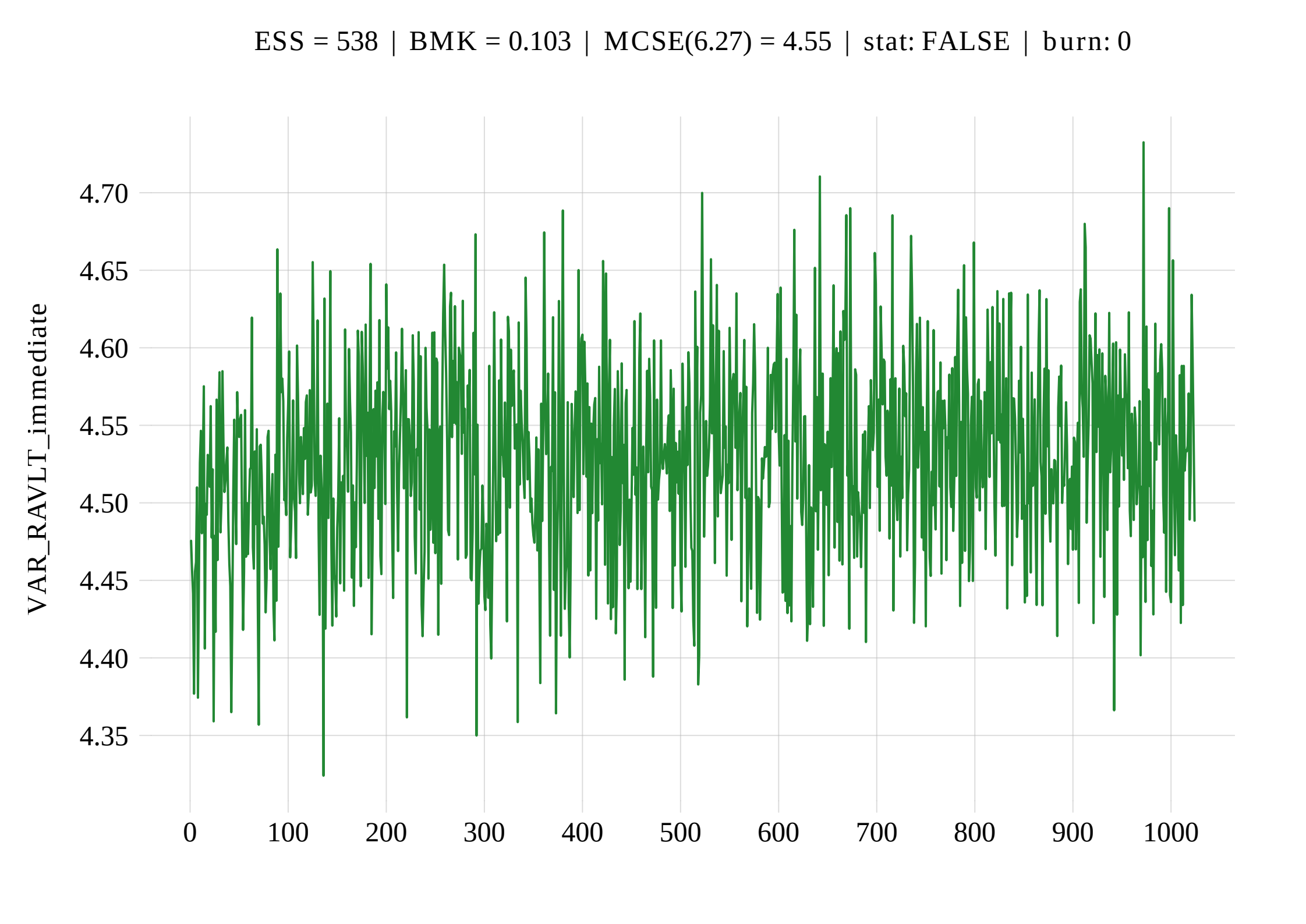

ESS = 784 | BMK = 0.0428 | MCSE(6.27) = 2.87 | stat: TRUE | burn: 0
MEAN_Subgroup_num_
0.54
0.52
0.50
0.48
0.46
0.44
0.42
0.40
0
100
200
300
400
500
600
700
800
900
1000

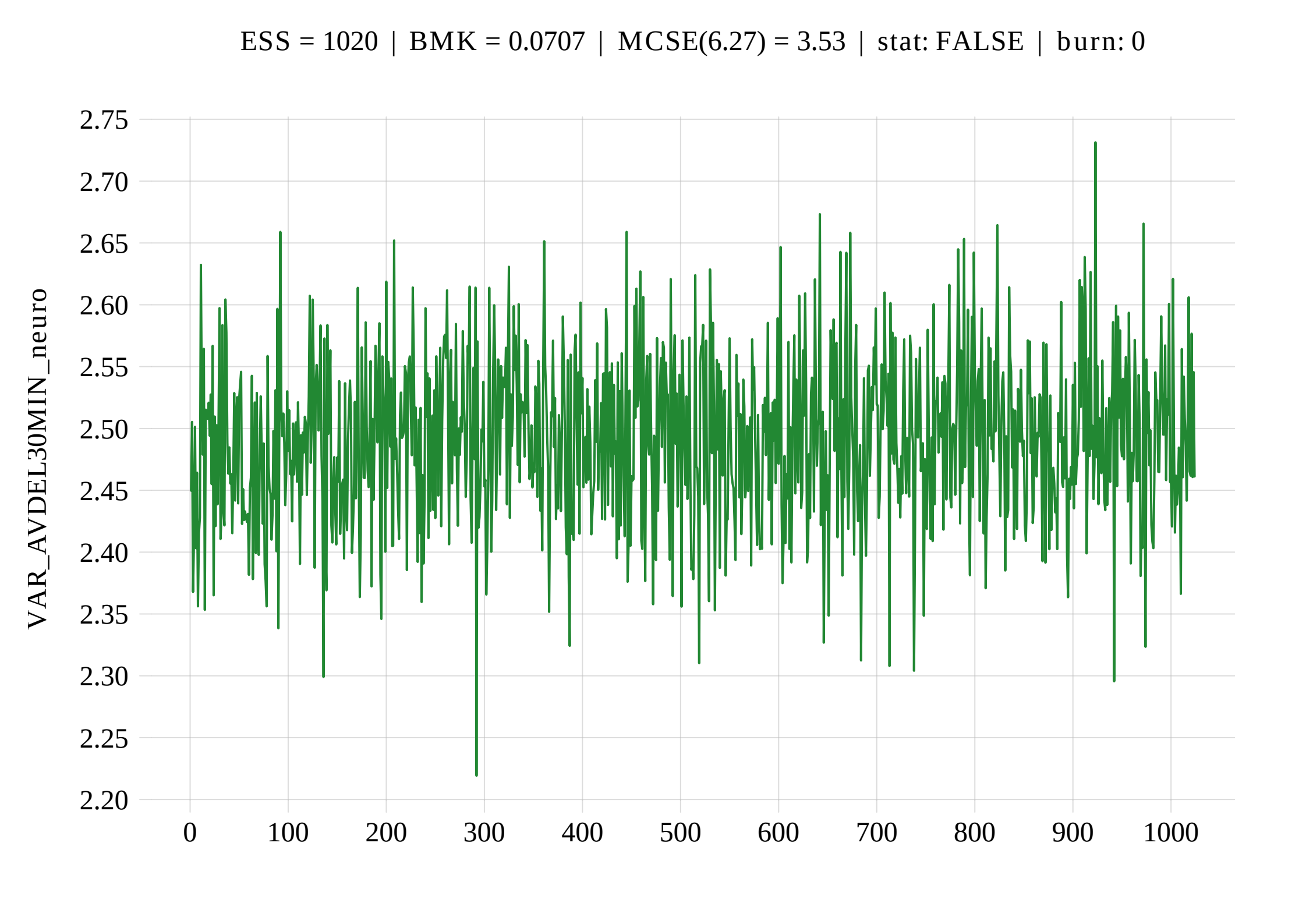

ESS = 1020 | BMK = 0.0366 | MCSE(6.27) = 3.39 | stat: TRUE | burn: 0
MEAN_Gender_num_
0.48
0.47
0.46
0.45
0.44
0.43
0.42
0.41
0.40
0.39
0.38
0.37
0.36
0.35
0
100
200
300
400
500
600
700
800
900
1000

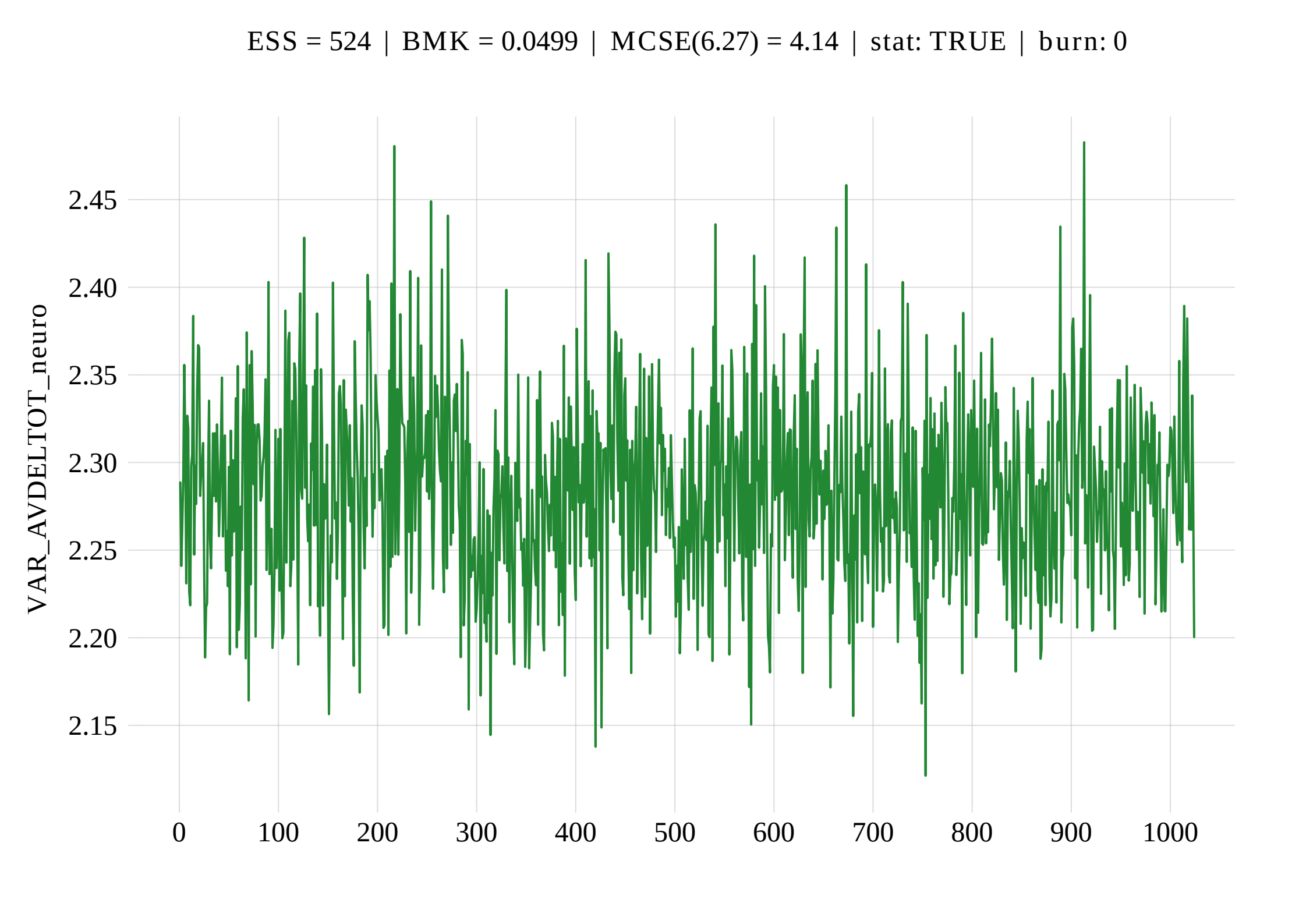

ESS = 725 | BMK = 0.0487 | MCSE(6.27) = 3.31 | stat: TRUE | burn: 0
MEAN_Apoe4_
0.58
0.57
0.56
0.55
0.54
0.53
0.52
0.51
0.50
0.49
0.48
0.47
0.46
0
100
200
300
400
500
600
700
800
900
1000

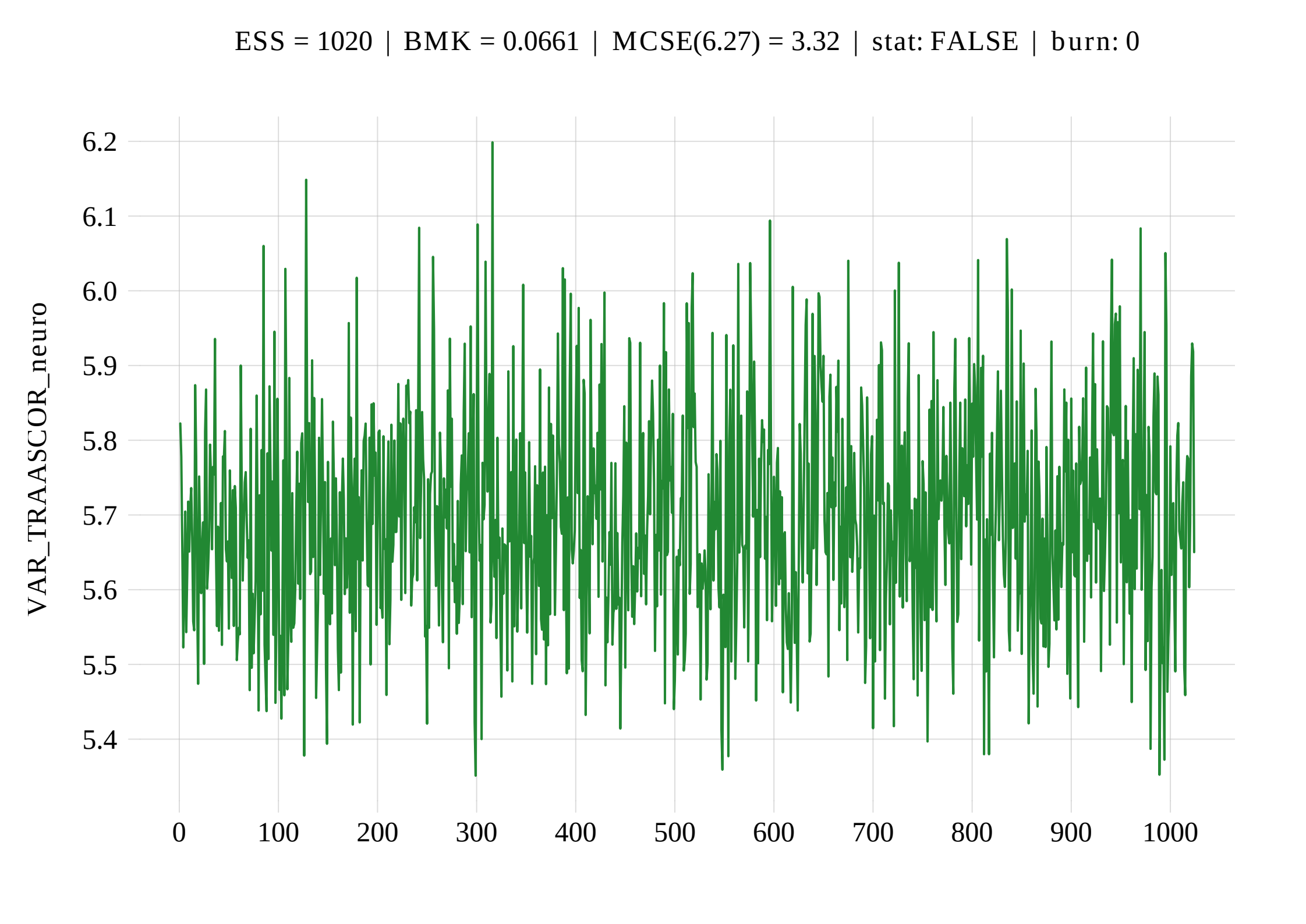

ESS = 1020 | BMK = 0.0777 | MCSE(6.27) = 2.69 | stat: TRUE | burn: 0
VAR_AGE_log_
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
100
200
300
400
500
600
700
800
900
1000

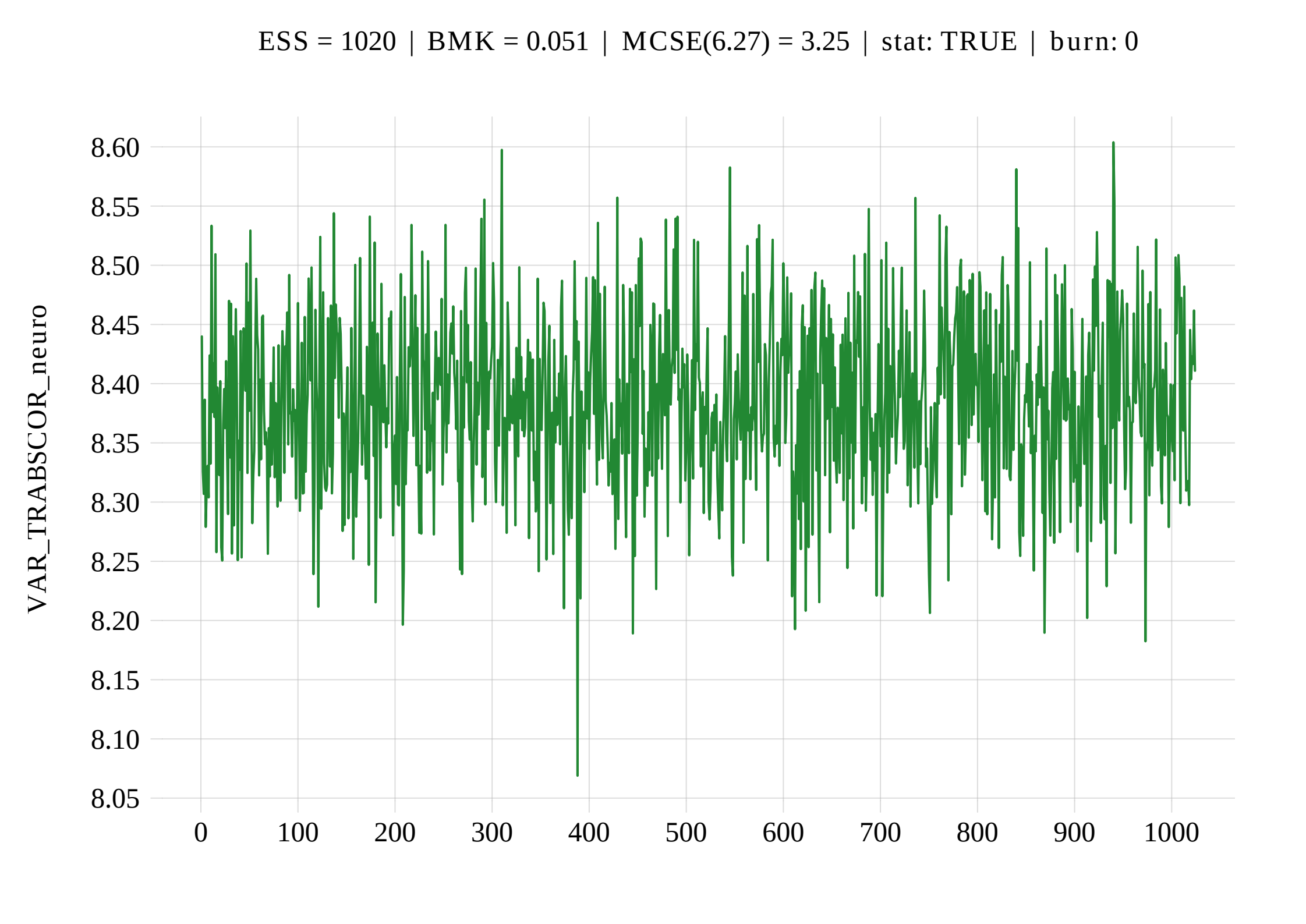

ESS = 1020 | BMK = 0.0507 | MCSE(6.27) = 3.23 | stat: TRUE | burn: 0
VAR_LRHHC_n_long_log_
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
0
100
200
300
400
500
600
700
800
900
1000

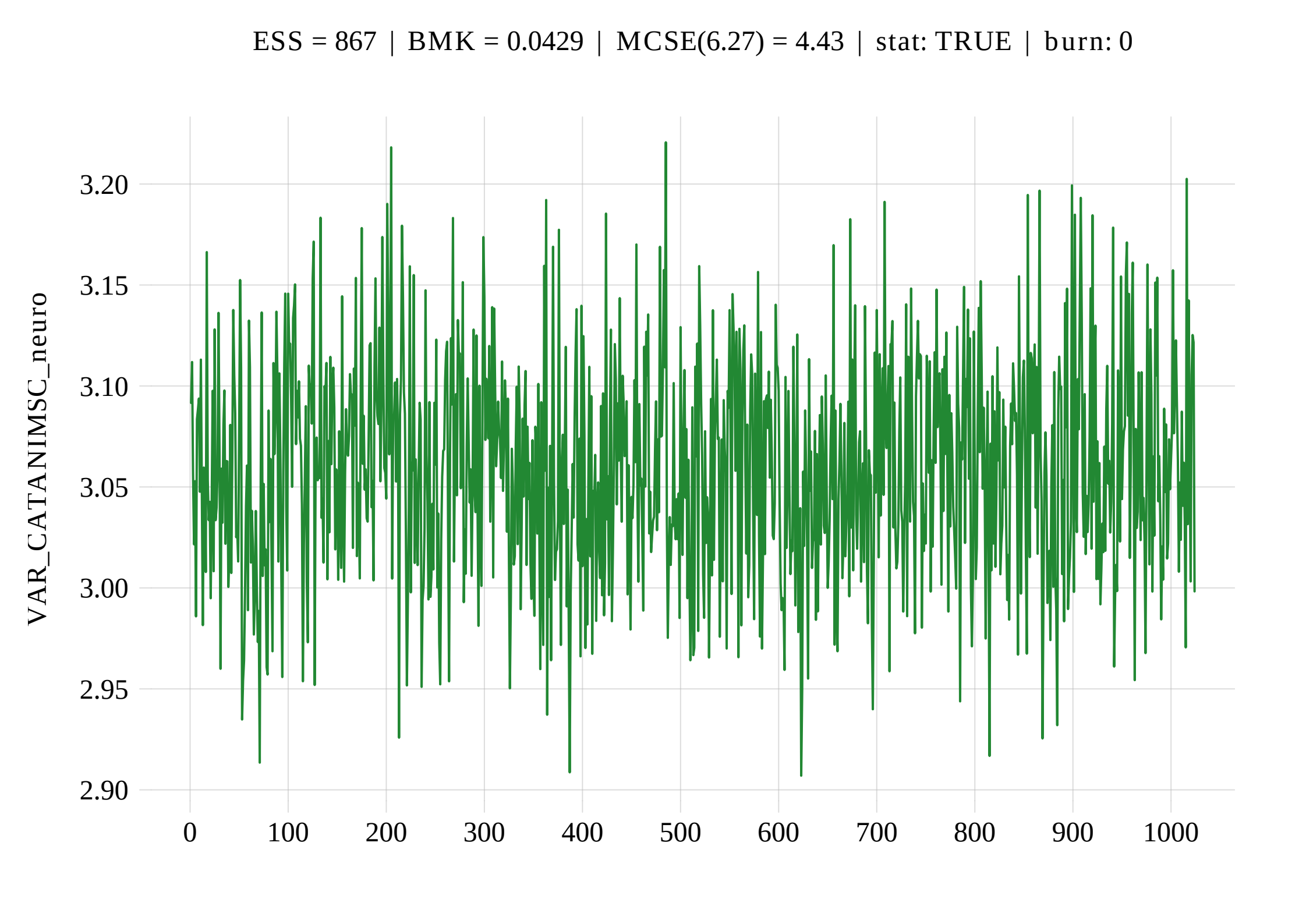

ESS = 538 | BMK = 0.103 | MCSE(6.27) = 4.55 | stat: FALSE | burn: 0
VAR_RAVLT_immediate
4.70
4.65
4.60
4.55
4.50
4.45
4.40
4.35
0
100
200
300
400
500
600
700
800
900
1000

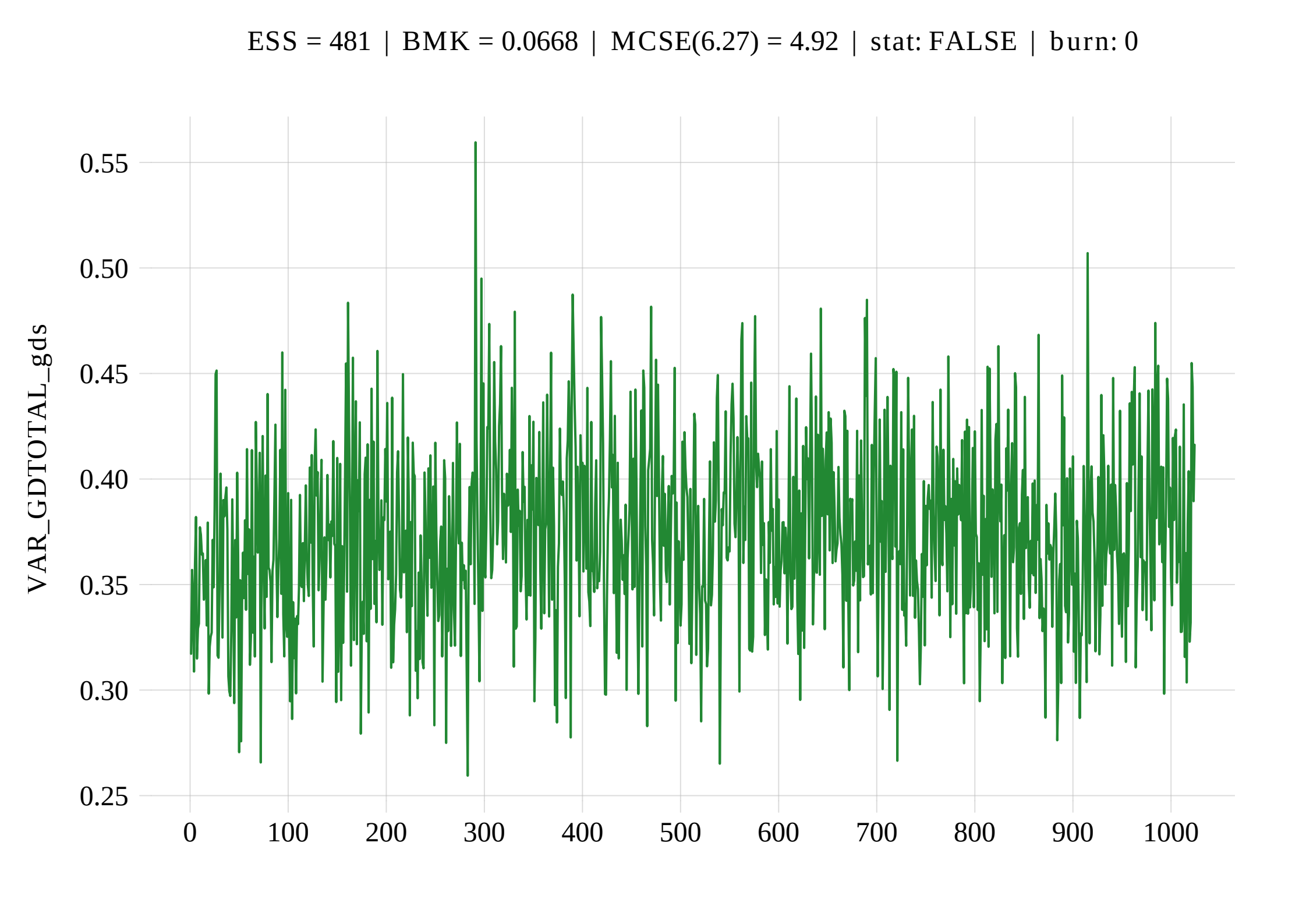

ESS = 1020 | BMK = 0.0707 | MCSE(6.27) = 3.53 | stat: FALSE | burn: 0
VAR_AVDEL30MIN_neuro
2.75
2.70
2.65
2.60
2.55
2.50
2.45
2.40
2.35
2.30
2.25
2.20
0
100
200
300
400
500
600
700
800
900
1000

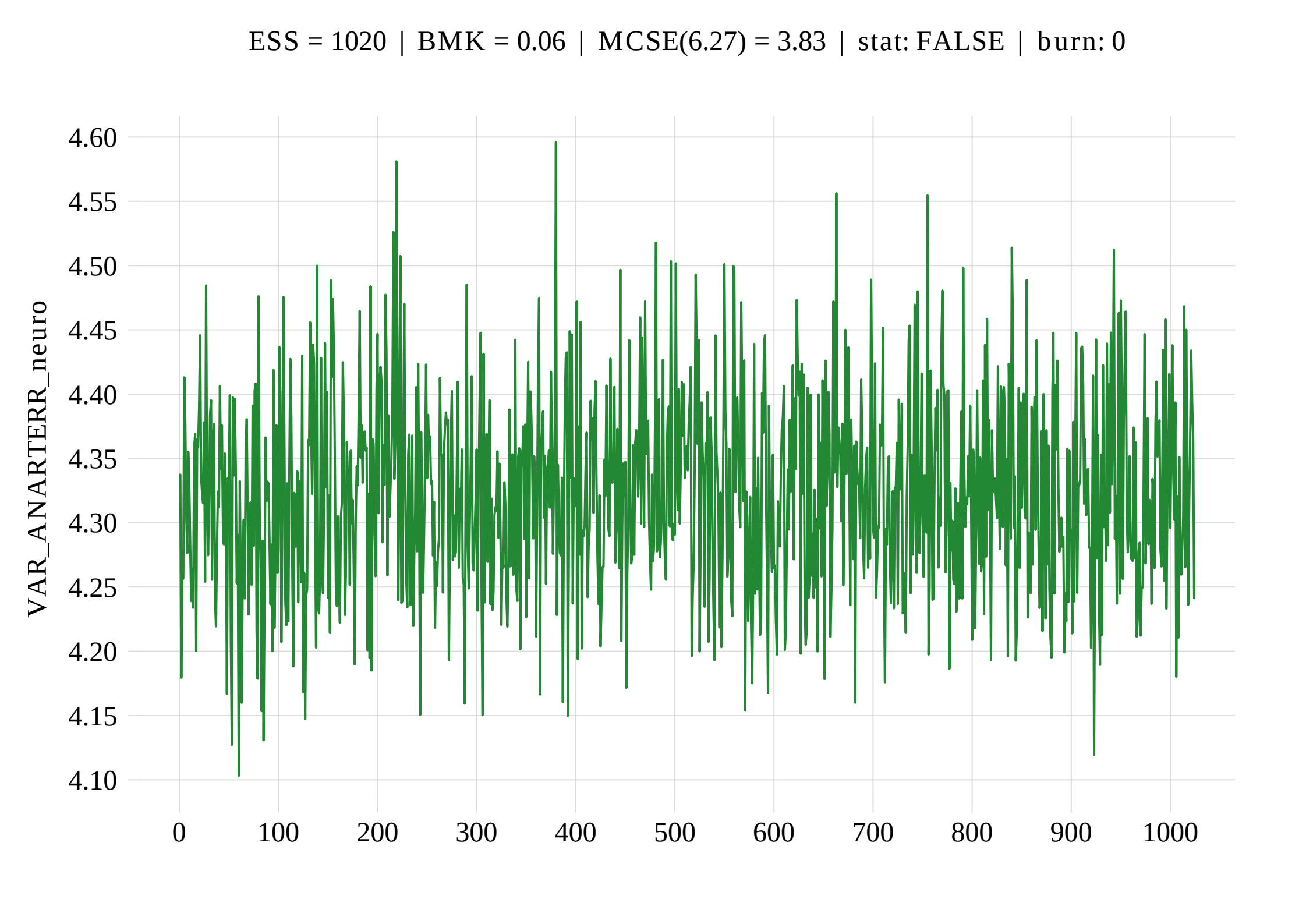

ESS = 524 | BMK = 0.0499 | MCSE(6.27) = 4.14 | stat: TRUE | burn: 0
VAR_AVDELTOT_neuro
2.45
2.40
2.35
2.30
2.25
2.20
2.15
0
100
200
300
400
500
600
700
800
900
1000

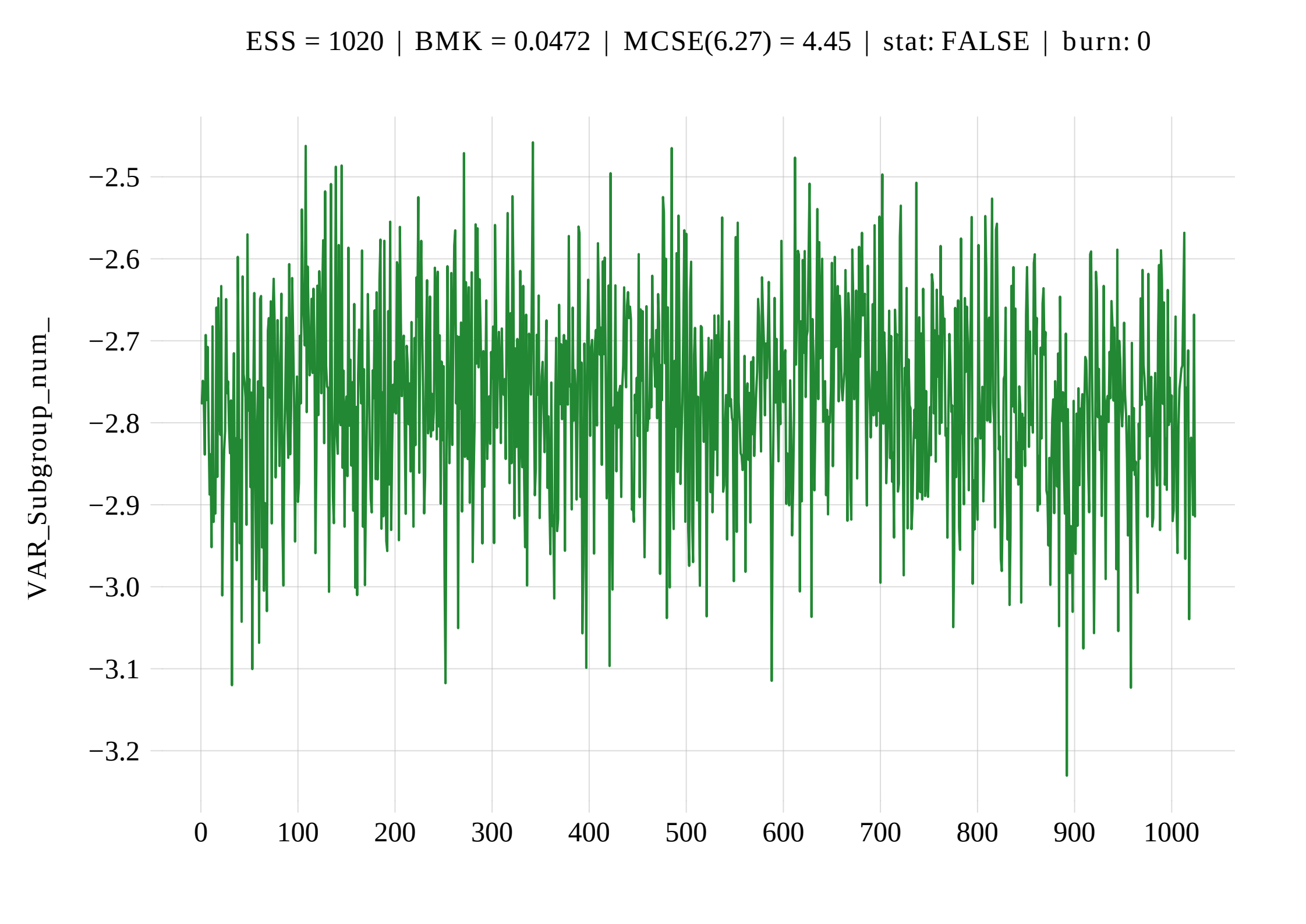

ESS = 1020 | BMK = 0.0661 | MCSE(6.27) = 3.32 | stat: FALSE | burn: 0
VAR_TRAASCOR_neuro
6.2
6.1
6.0
5.9
5.8
5.7
5.6
5.5
5.4
0
100
200
300
400
500
600
700
800
900
1000

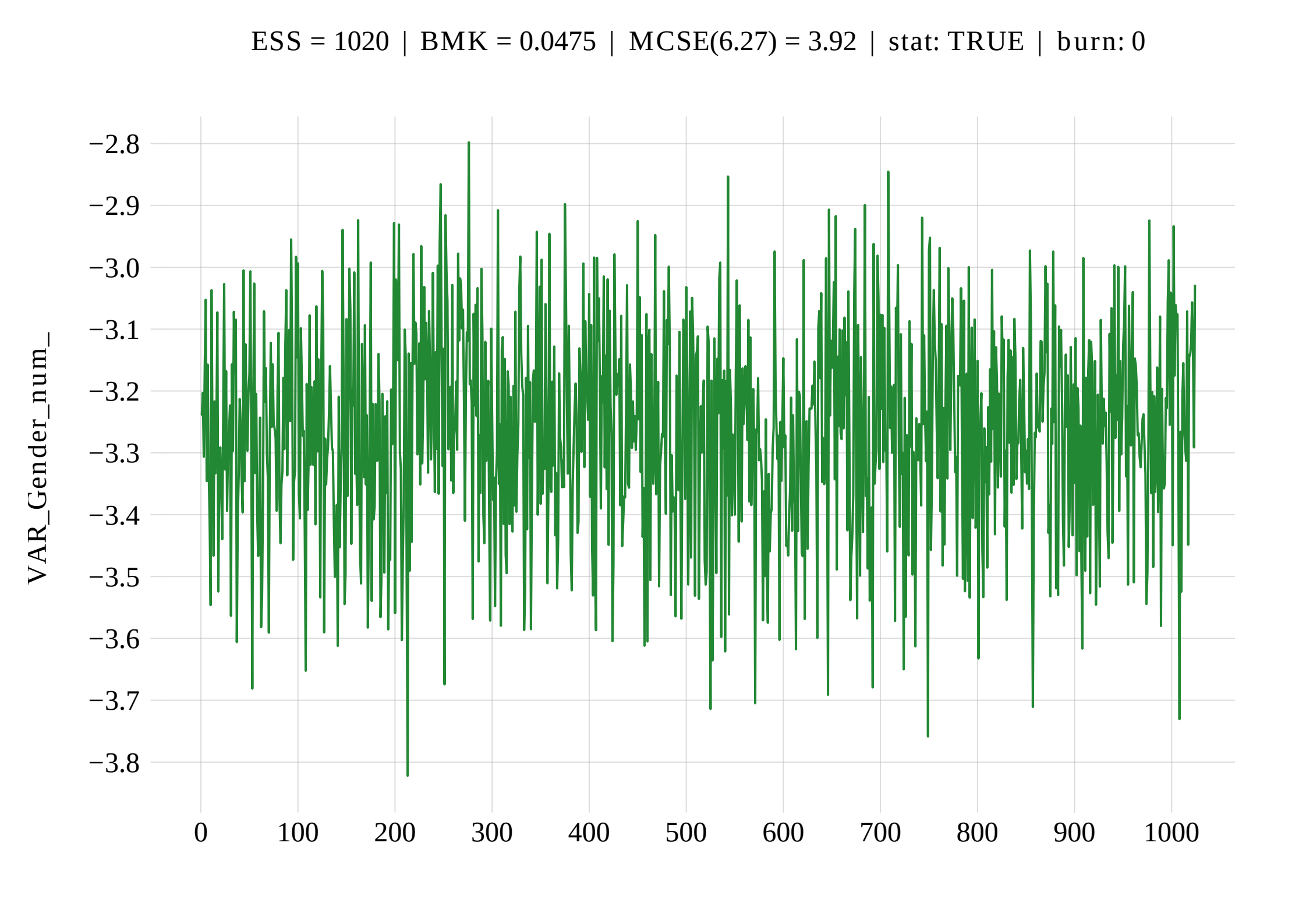

ESS = 1020 | BMK = 0.051 | MCSE(6.27) = 3.25 | stat: TRUE | burn: 0
VAR_TRABSCOR_neuro
8.60
8.55
8.50
8.45
8.40
8.35
8.30
8.25
8.20
8.15
8.10
8.05
0
100
200
300
400
500
600
700
800
900
1000

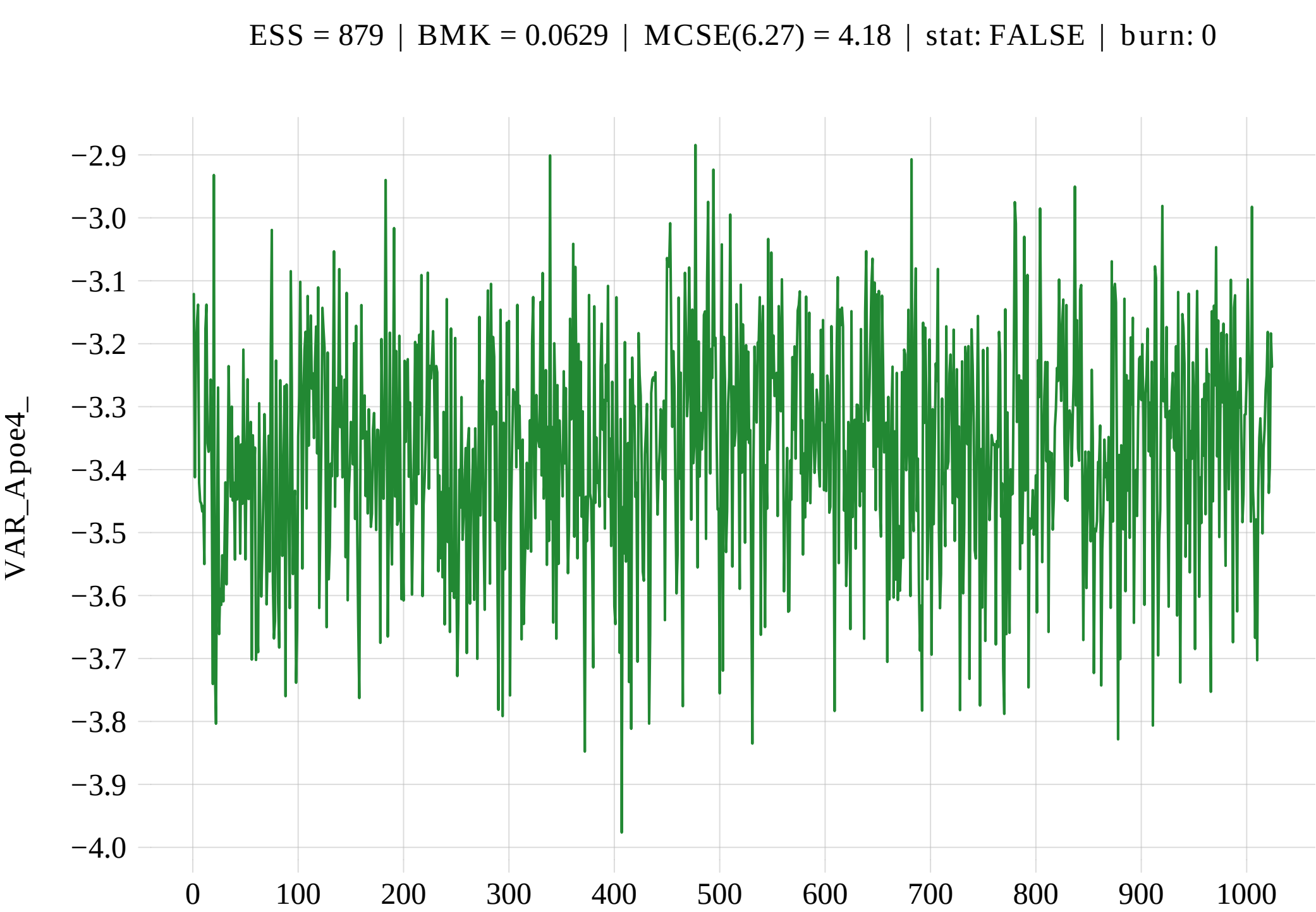

ESS = 867 | BMK = 0.0429 | MCSE(6.27) = 4.43 | stat: TRUE | burn: 0
VAR_CATANIMSC_neuro
3.20
3.15
3.10
3.05
3.00
2.95
2.90
0
100
200
300
400
500
600
700
800
900
1000

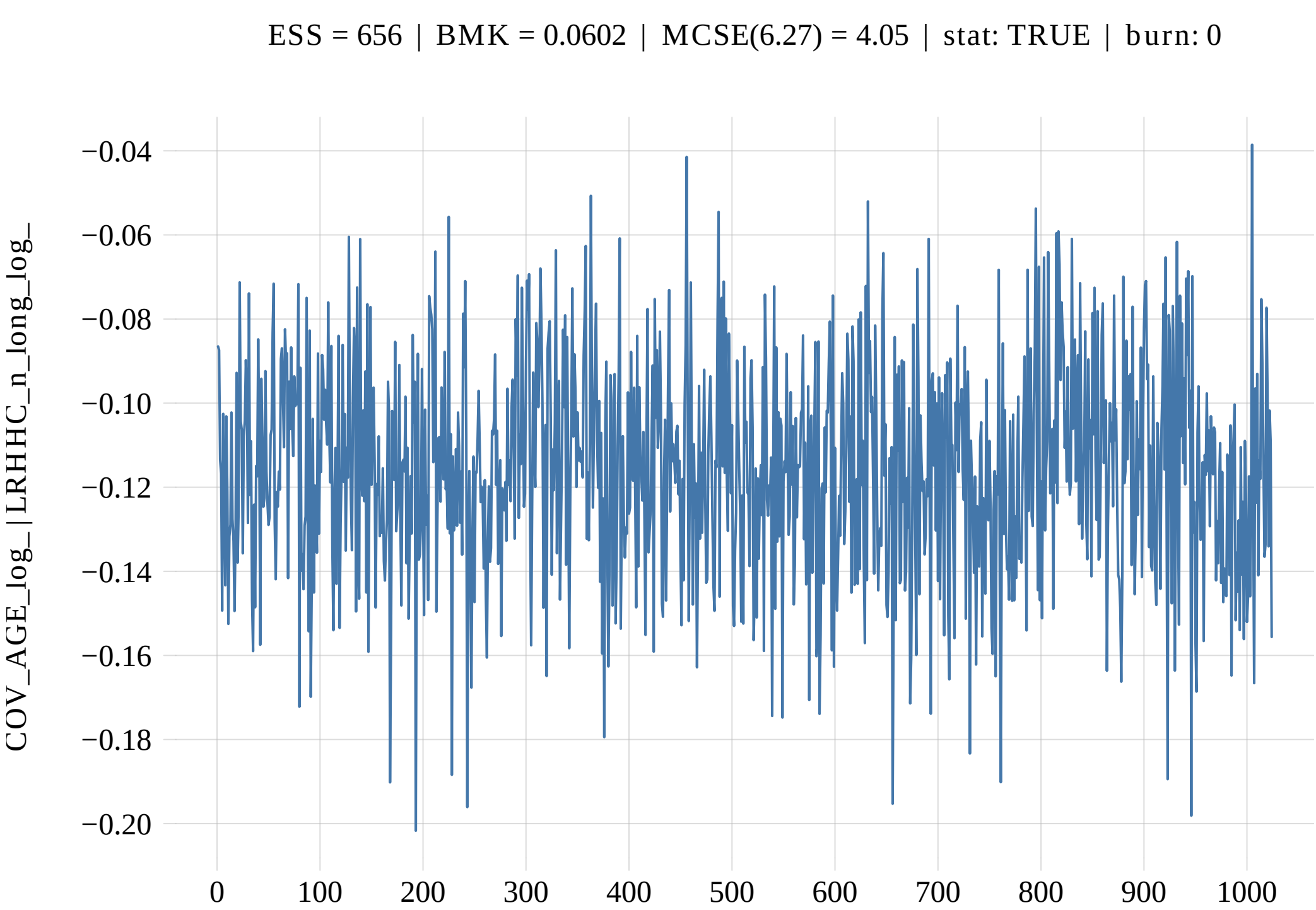

ESS = 481 | BMK = 0.0668 | MCSE(6.27) = 4.92 | stat: FALSE | burn: 0
VAR_GDTOTAL_gds
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0
100
200
300
400
500
600
700
800
900
1000

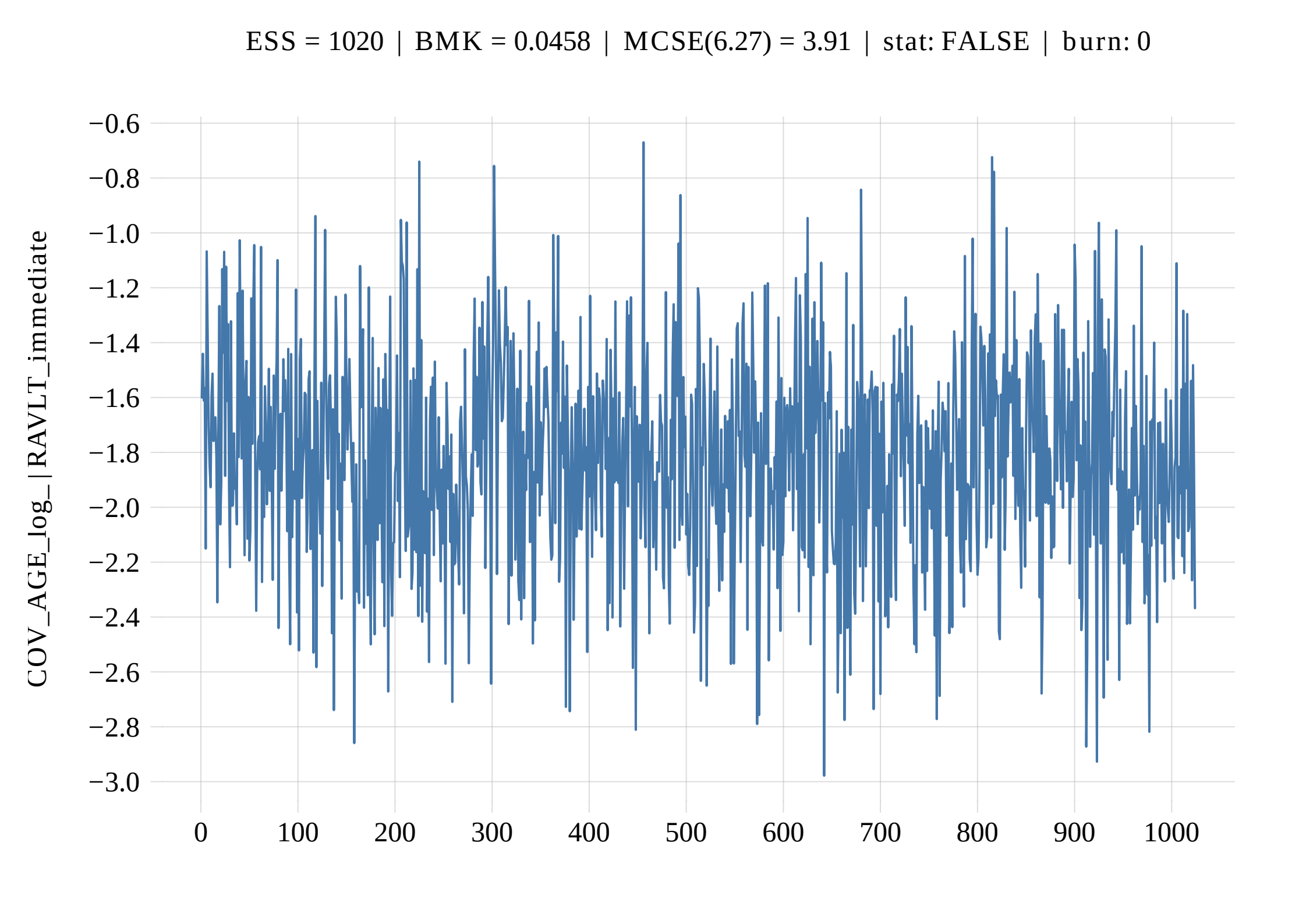

ESS = 1020 | BMK = 0.06 | MCSE(6.27) = 3.83 | stat: FALSE | burn: 0
VAR_ANARTERR_neuro
4.60
4.55
4.50
4.45
4.40
4.35
4.30
4.25
4.20
4.15
4.10
0
100
200
300
400
500
600
700
800
900
1000

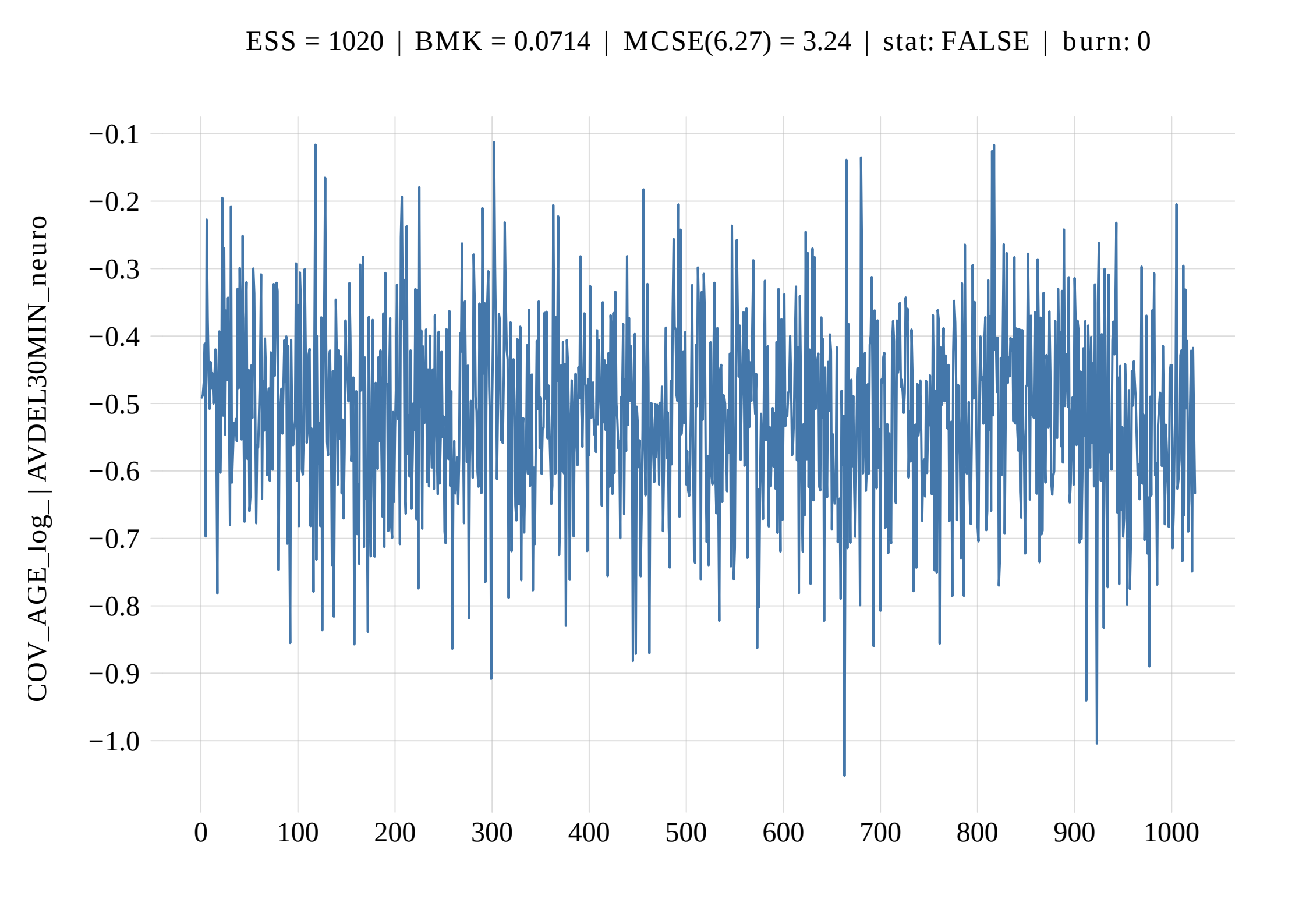

ESS = 1020 | BMK = 0.0472 | MCSE(6.27) = 4.45 | stat: FALSE | burn: 0
VAR_Subgroup_num_
−2.5
−2.6
−2.7
−2.8
−2.9
−3.0
−3.1
−3.2
0
100
200
300
400
500
600
700
800
900
1000

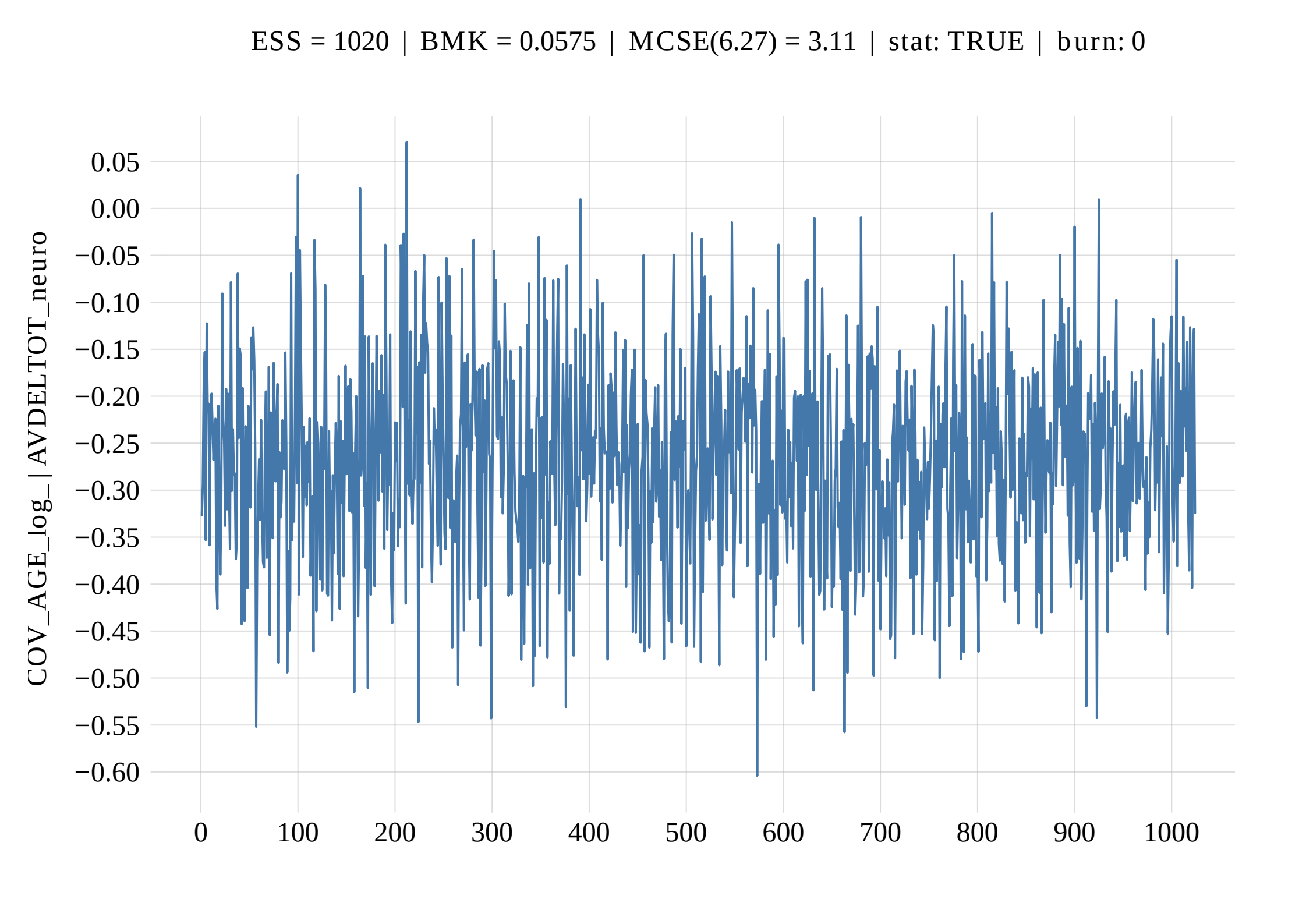

ESS = 1020 | BMK = 0.0475 | MCSE(6.27) = 3.92 | stat: TRUE | burn: 0
VAR_Gender_num_
−2.8
−2.9
−3.0
−3.1
−3.2
−3.3
−3.4
−3.5
−3.6
−3.7
−3.8
0
100
200
300
400
500
600
700
800
900
1000

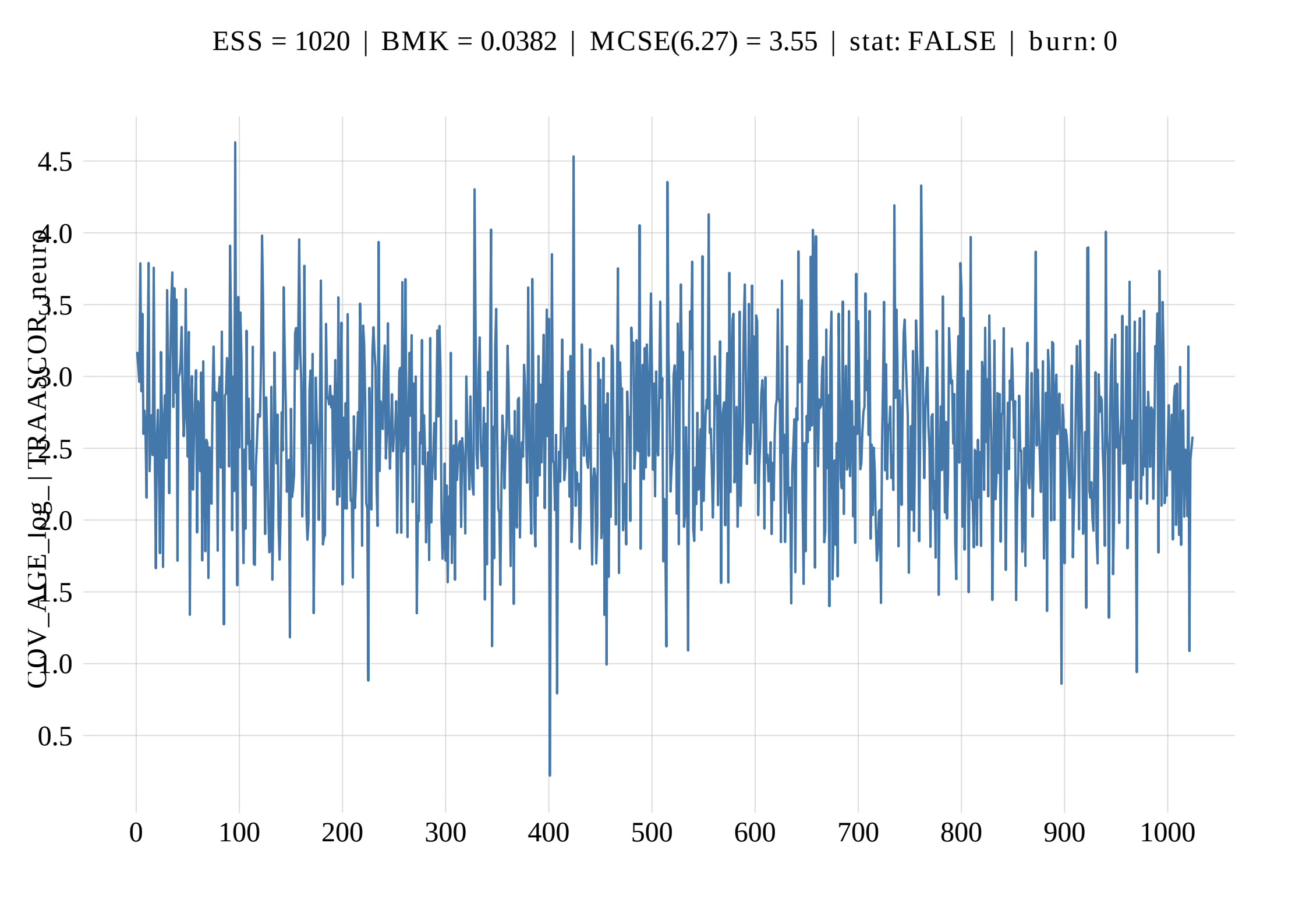

ESS = 879 | BMK = 0.0629 | MCSE(6.27) = 4.18 | stat: FALSE | burn: 0
VAR_Apoe4_
−2.9
−3.0
−3.1
−3.2
−3.3
−3.4
−3.5
−3.6
−3.7
−3.8
−3.9
−4.0
0
100
200
300
400
500
600
700
800
900
1000

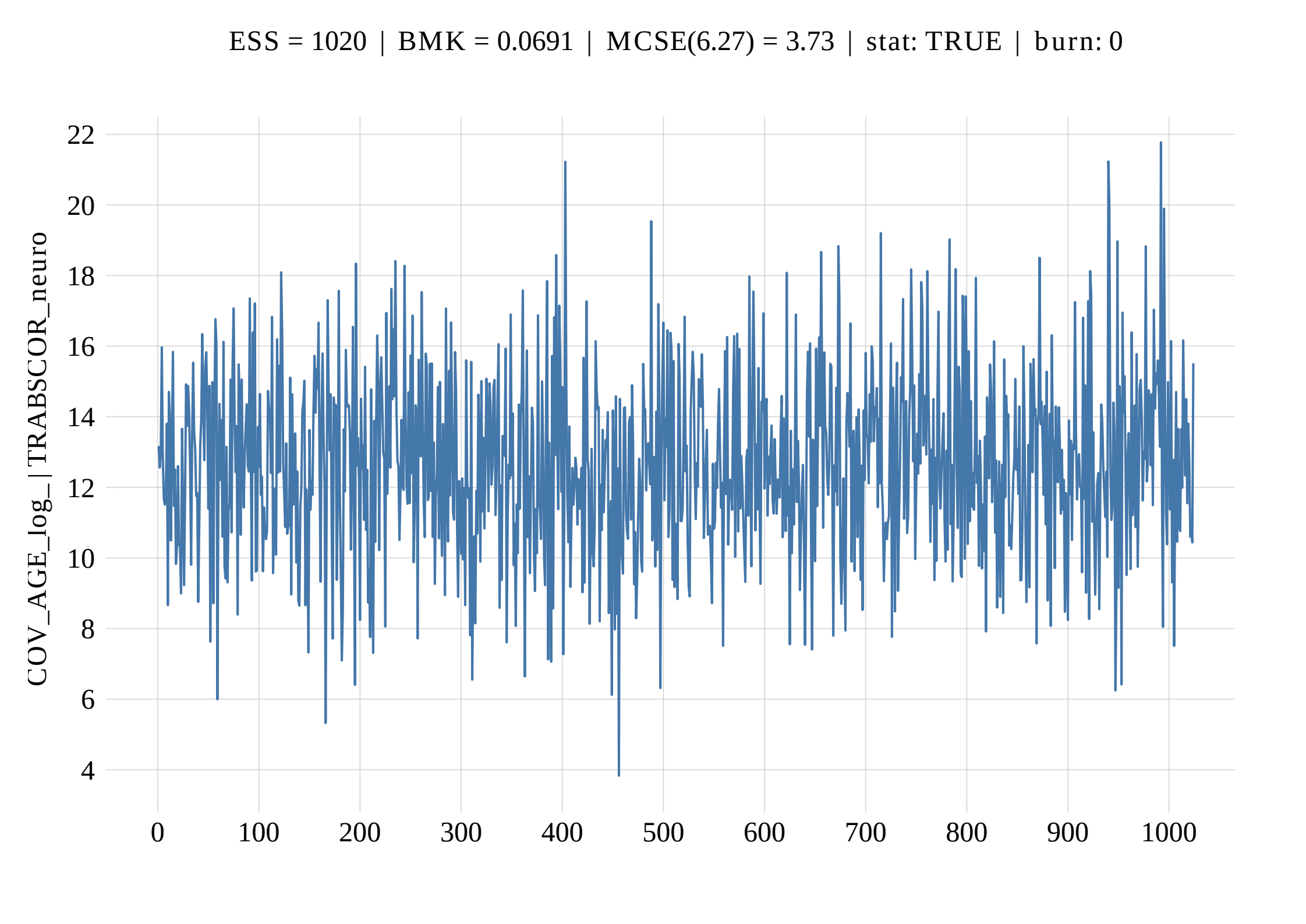

ESS = 656 | BMK = 0.0602 | MCSE(6.27) = 4.05 | stat: TRUE | burn: 0
COV_AGE_log_|LRHHC_n_long_log_
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
−0.16
−0.18
−0.20
0
100
200
300
400
500
600
700
800
900
1000

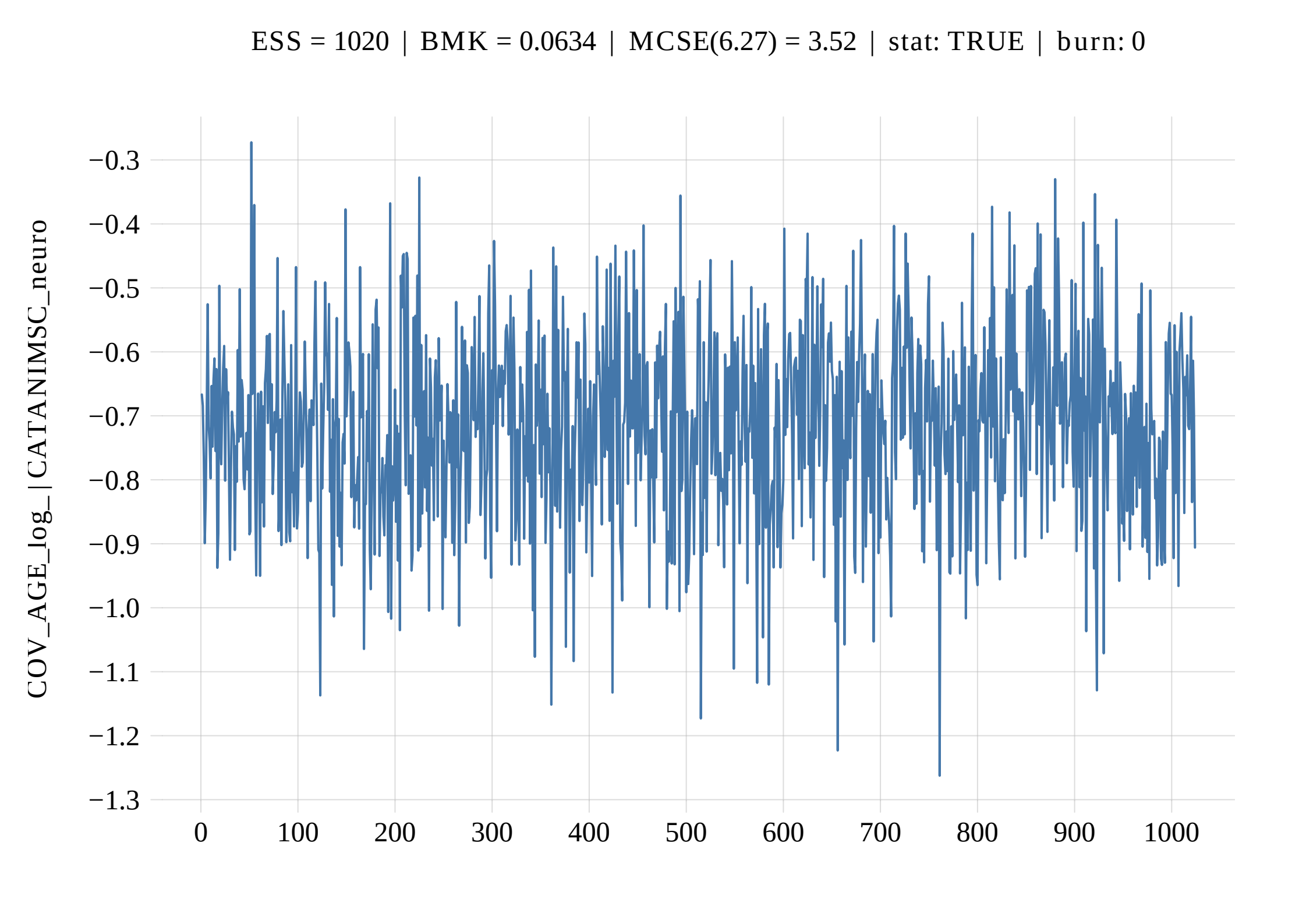

ESS = 1020 | BMK = 0.0458 | MCSE(6.27) = 3.91 | stat: FALSE | burn: 0
COV_AGE_log_|RAVLT_immediate
−0.6
−0.8
−1.0
−1.2
−1.4
−1.6
−1.8
−2.0
−2.2
−2.4
−2.6
−2.8
−3.0
0
100
200
300
400
500
600
700
800
900
1000

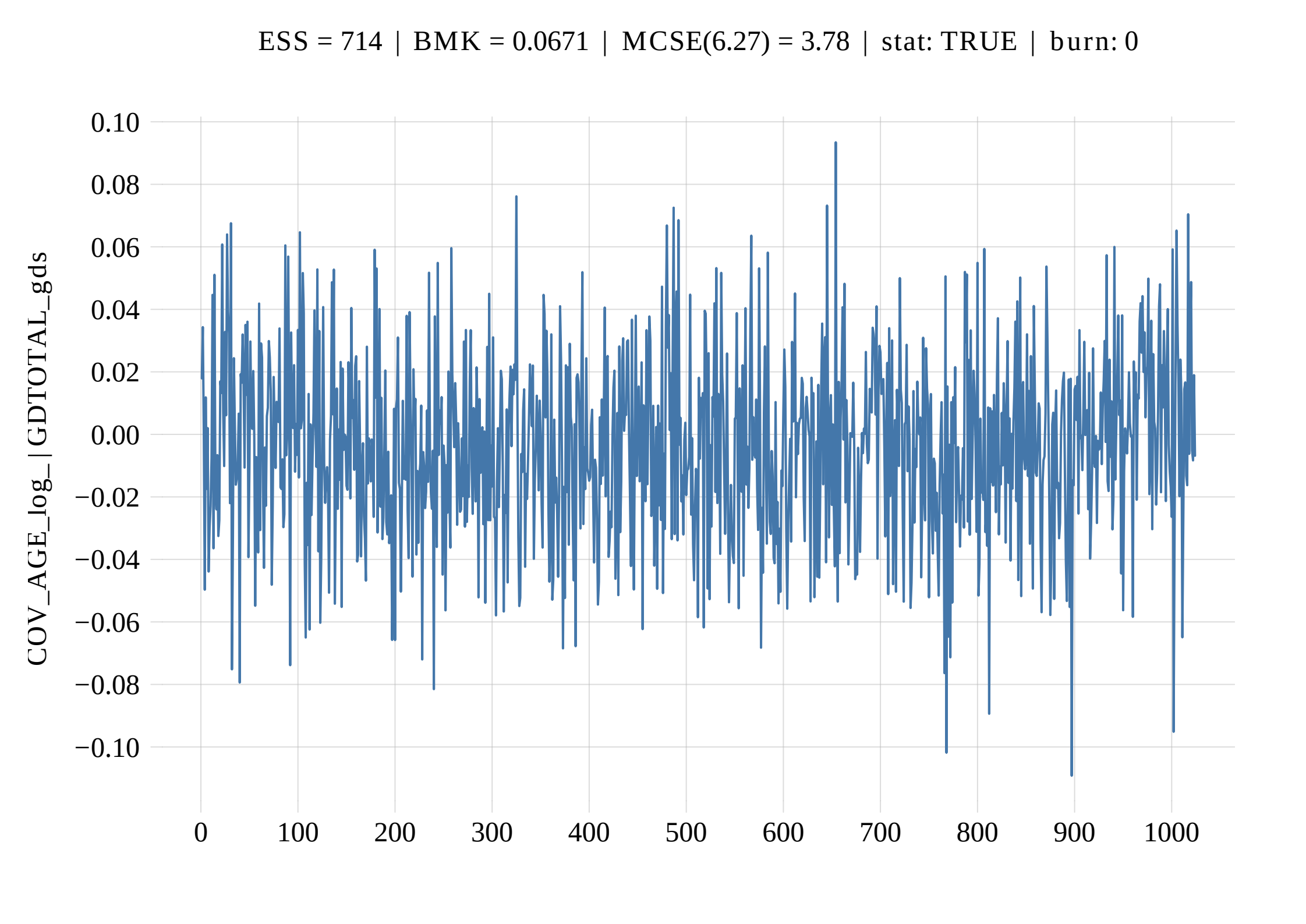

ESS = 1020 | BMK = 0.0714 | MCSE(6.27) = 3.24 | stat: FALSE | burn: 0
COV_AGE_log_ | AVDEL30MIN_neuro
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
−1.0
0
100
200
300
400
500
600
700
800
900
1000

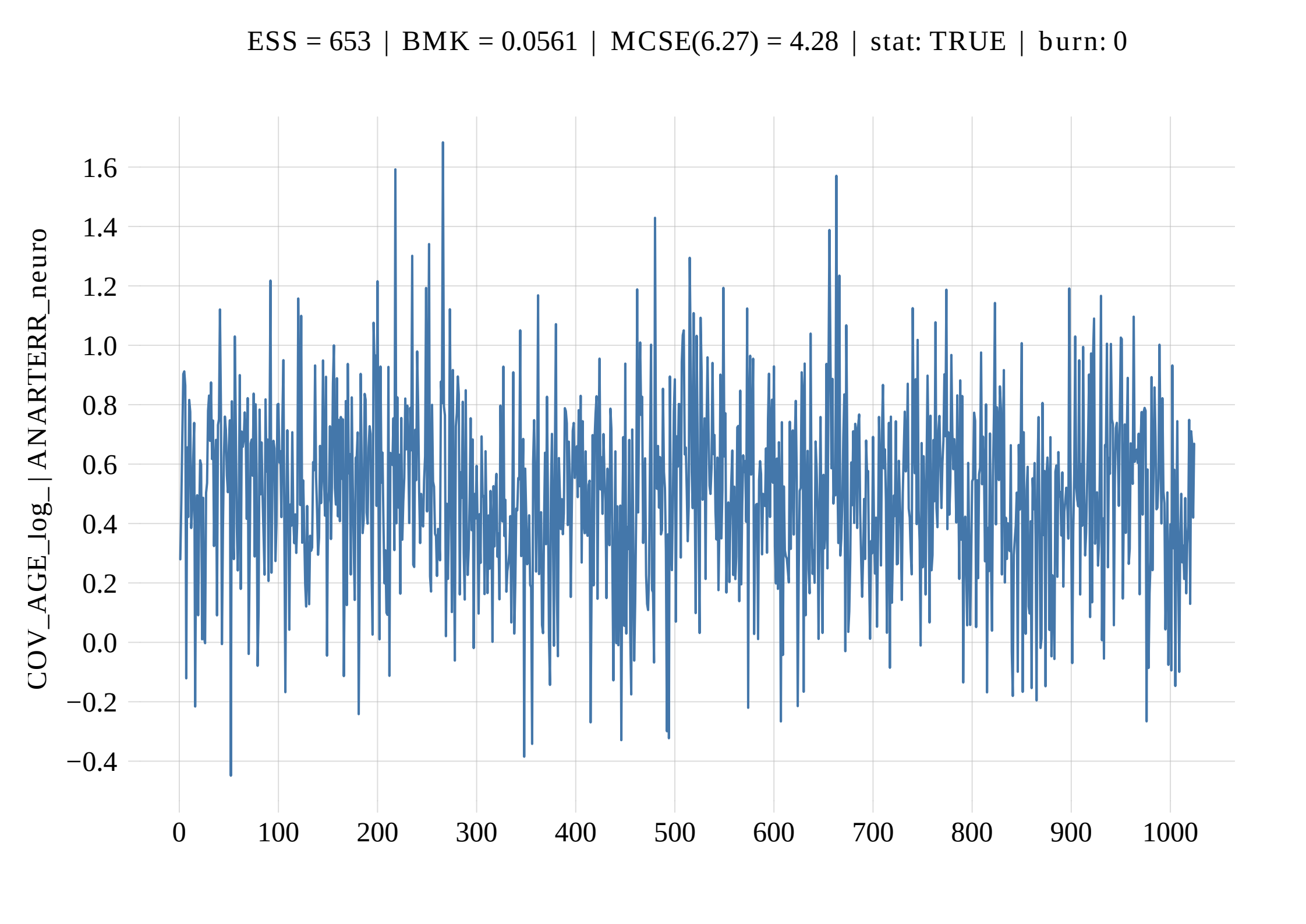

ESS = 1020 | BMK = 0.0575 | MCSE(6.27) = 3.11 | stat: TRUE | burn: 0
COV_AGE_log_ | AVDELTOT_neuro
0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
−0.55
−0.60
0
100
200
300
400
500
600
700
800
900
1000

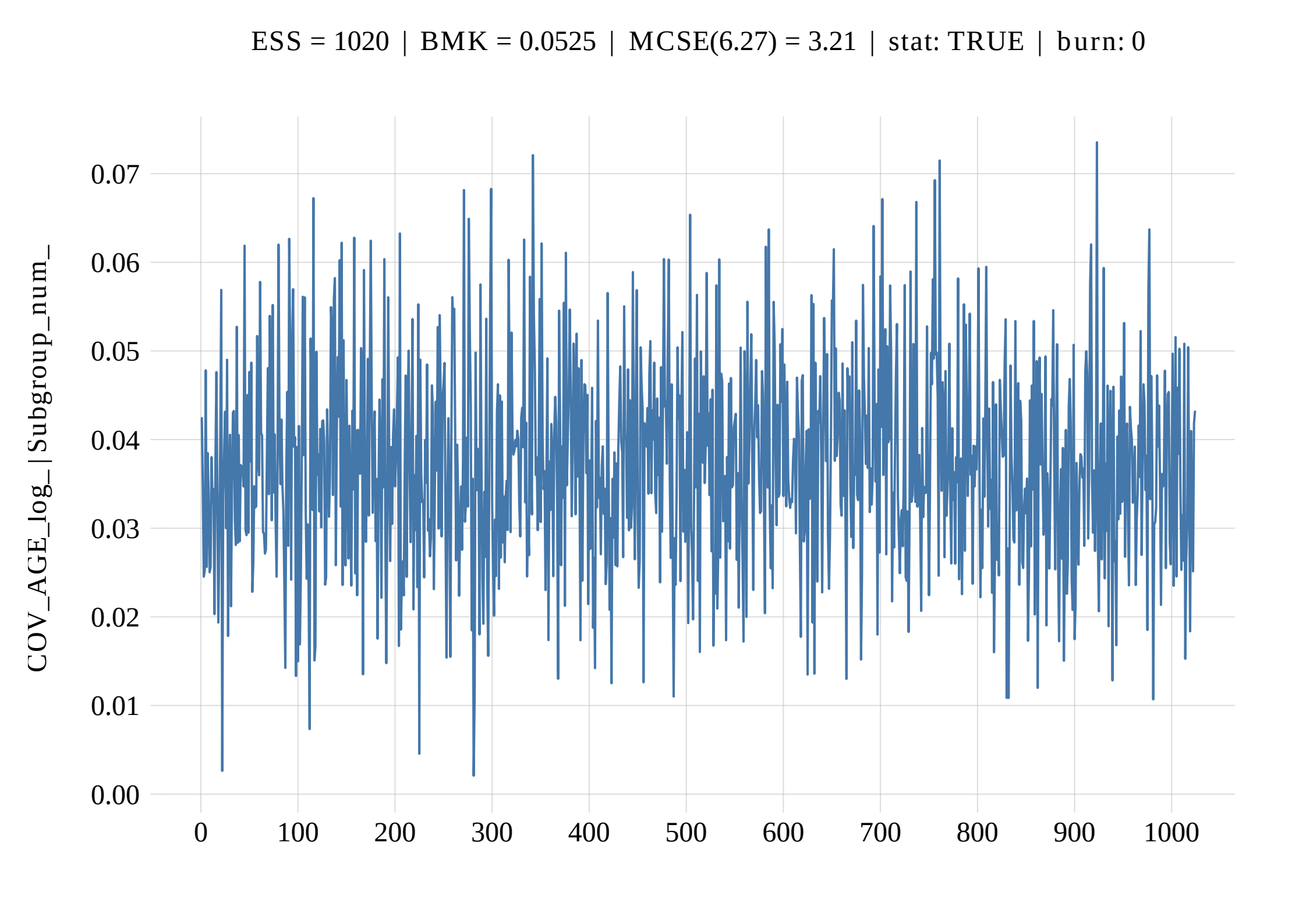

ESS = 1020 | BMK = 0.0382 | MCSE(6.27) = 3.55 | stat: FALSE | burn: 0
COV_AGE_log_ | TRAASCOR_neuro
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
100
200
300
400
500
600
700
800
900
1000

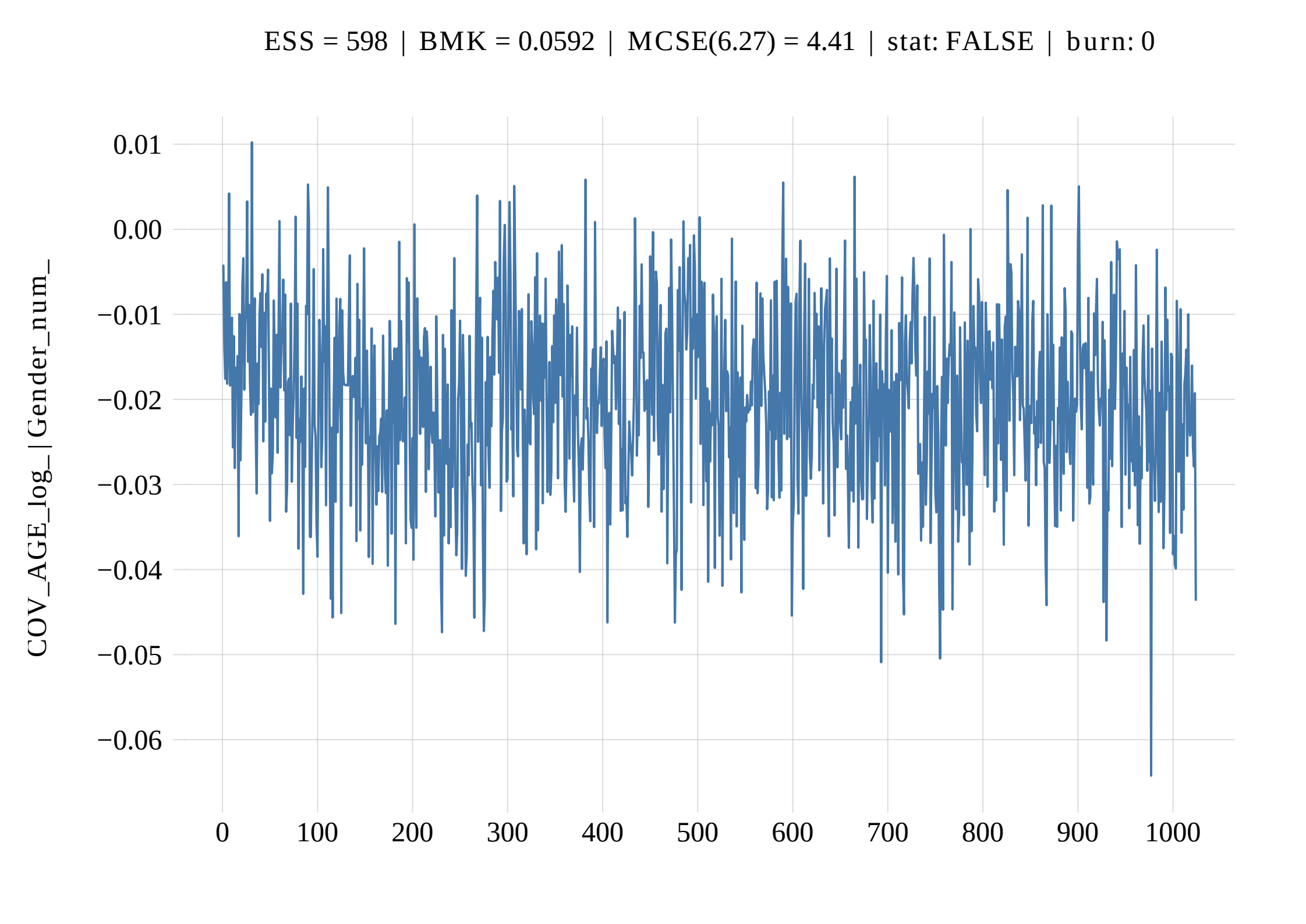

ESS = 1020 | BMK = 0.0691 | MCSE(6.27) = 3.73 | stat: TRUE | burn: 0
COV_AGE_log_|TRABSCOR_neuro
22
20
18
16
14
12
10
8
6
4
0
100
200
300
400
500
600
700
800
900
1000

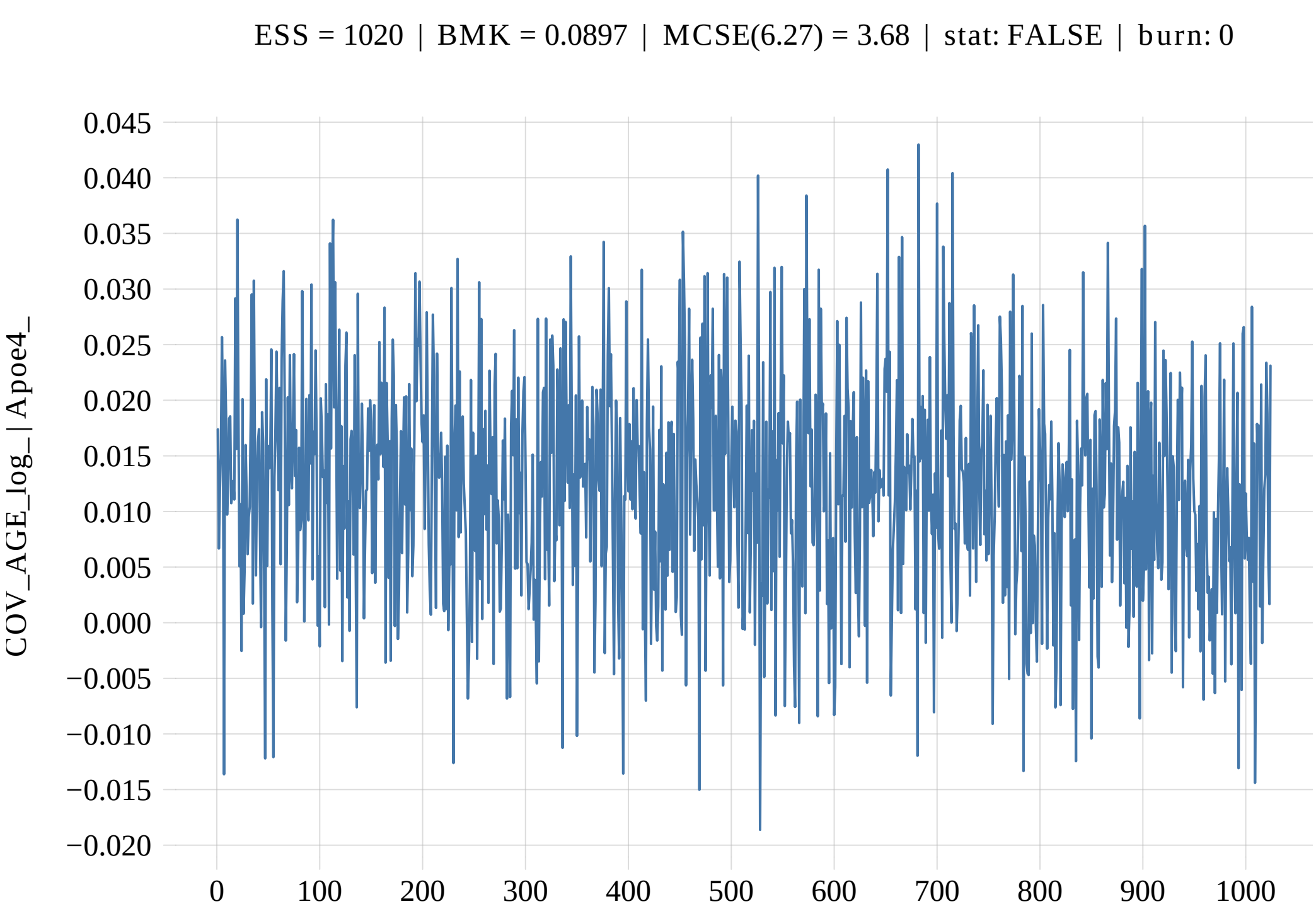

ESS = 1020 | BMK = 0.0634 | MCSE(6.27) = 3.52 | stat: TRUE | burn: 0
COV_AGE_log_|CATANIMSC_neuro
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
−1.0
−1.1
−1.2
−1.3
0
100
200
300
400
500
600
700
800
900
1000

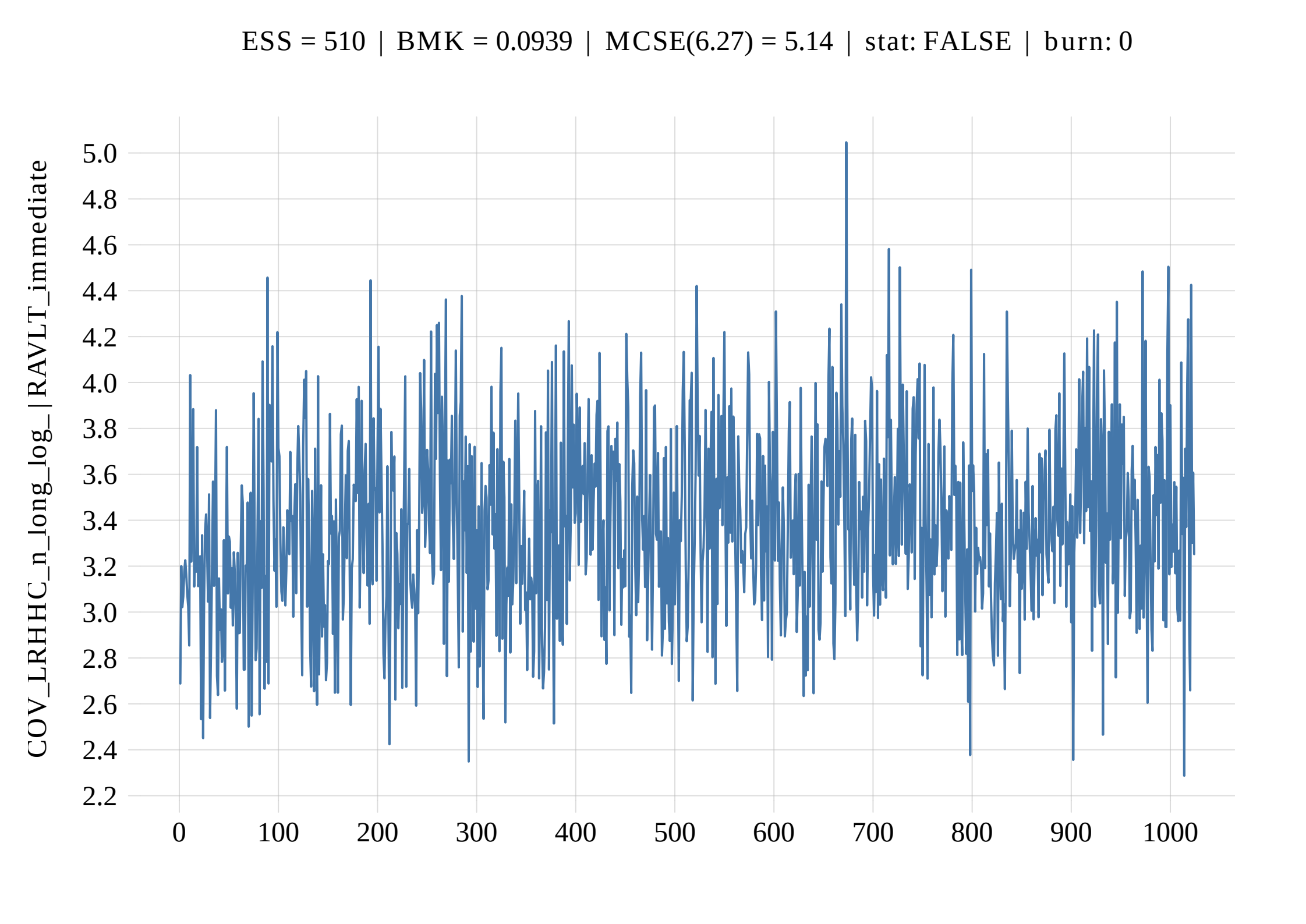

ESS = 714 | BMK = 0.0671 | MCSE(6.27) = 3.78 | stat: TRUE | burn: 0
COV_AGE_log_|GDTOTAL_gds
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
0
100
200
300
400
500
600
700
800
900
1000

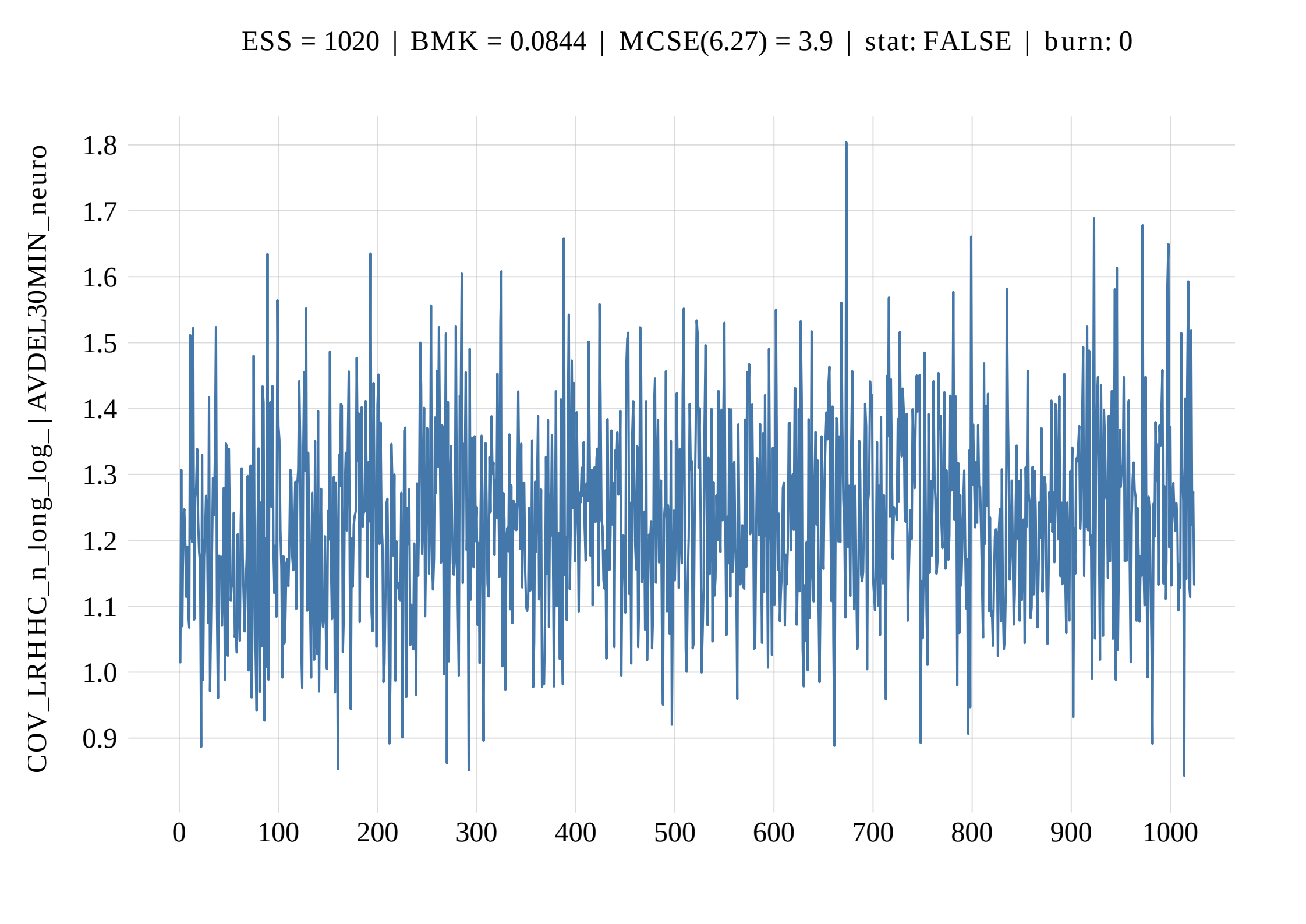

ESS = 653 | BMK = 0.0561 | MCSE(6.27) = 4.28 | stat: TRUE | burn: 0
COV_AGE_log_ | ANARTERR_neuro
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0
100
200
300
400
500
600
700
800
900
1000

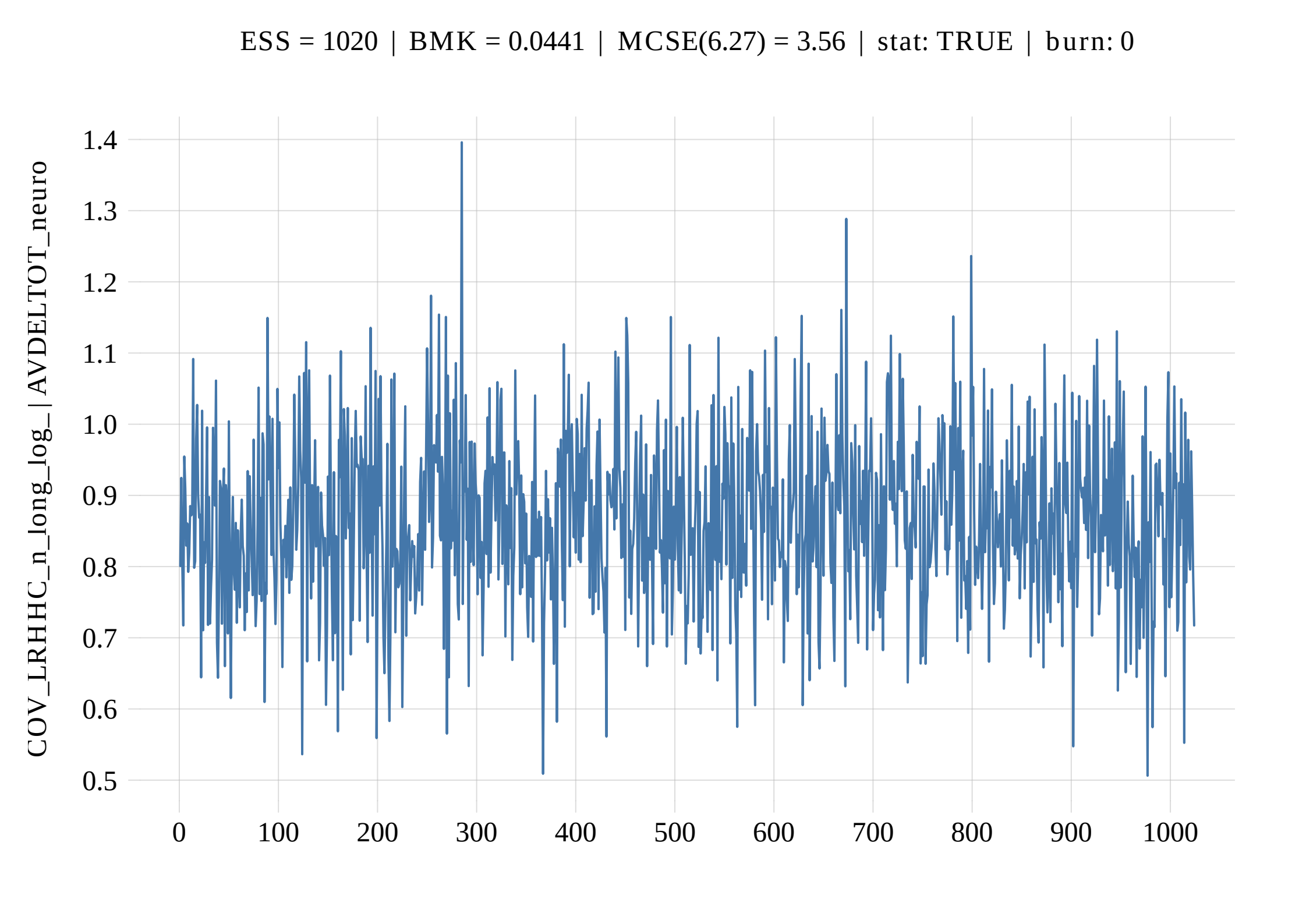

ESS = 1020 | BMK = 0.0525 | MCSE(6.27) = 3.21 | stat: TRUE | burn: 0
COV_AGE_log_|Subgroup_num_
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
100
200
300
400
500
600
700
800
900
1000

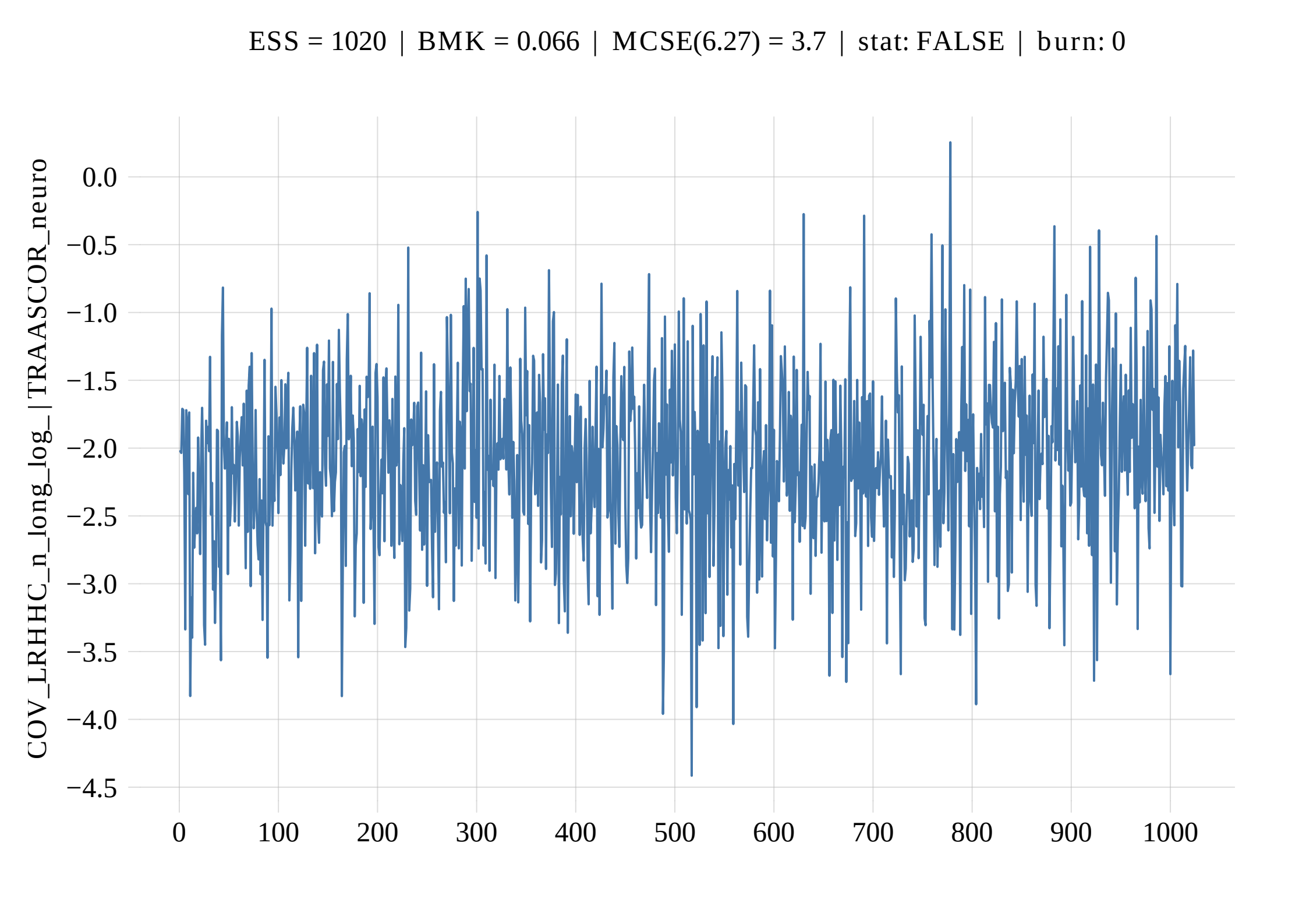

ESS = 598 | BMK = 0.0592 | MCSE(6.27) = 4.41 | stat: FALSE | burn: 0
COV_AGE_log_|Gender_num_
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
0
100
200
300
400
500
600
700
800
900
1000

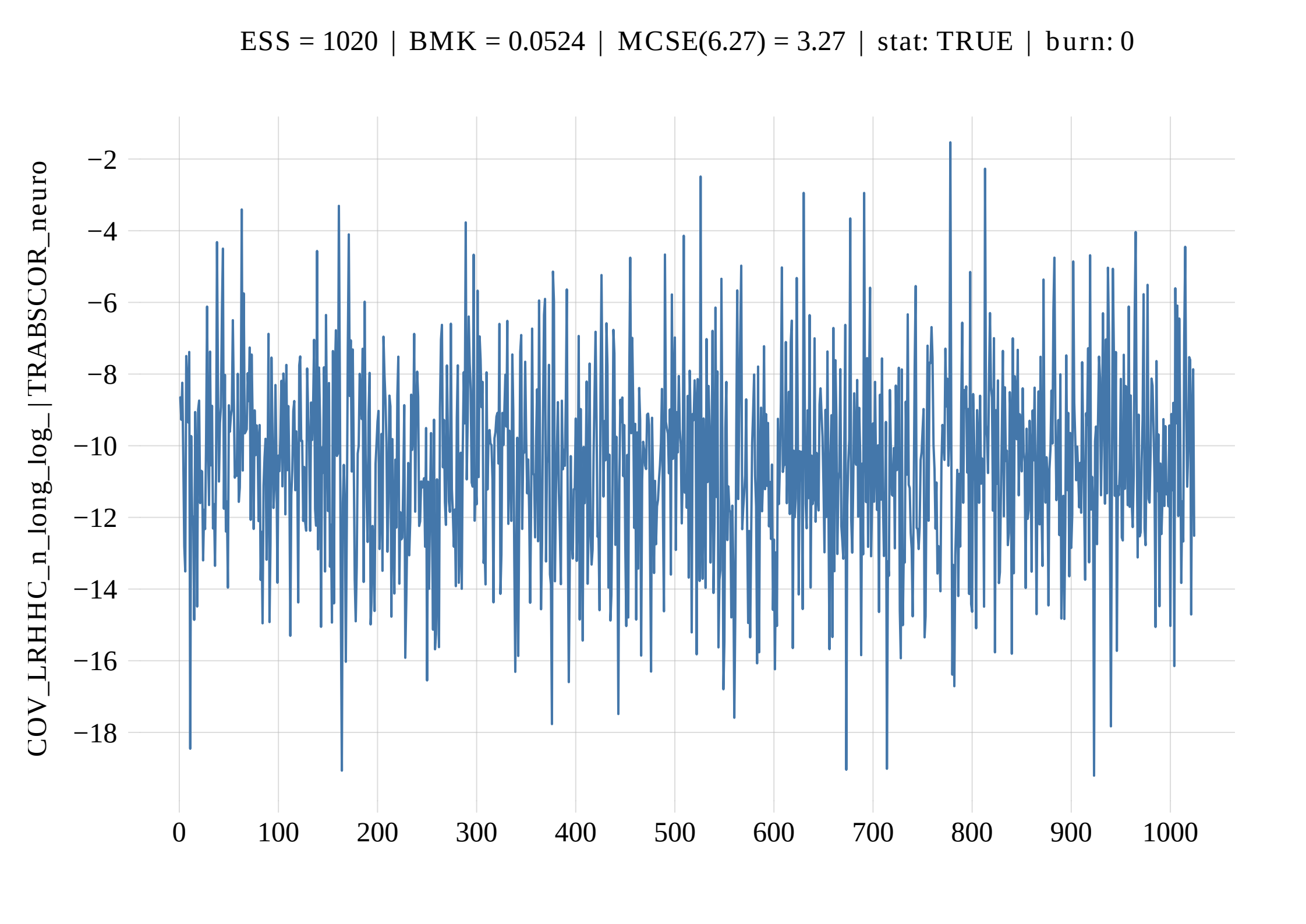

ESS = 1020 | BMK = 0.0897 | MCSE(6.27) = 3.68 | stat: FALSE | burn: 0
COV_AGE_log_ | Apoe4_
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
0
100
200
300
400
500
600
700
800
900
1000

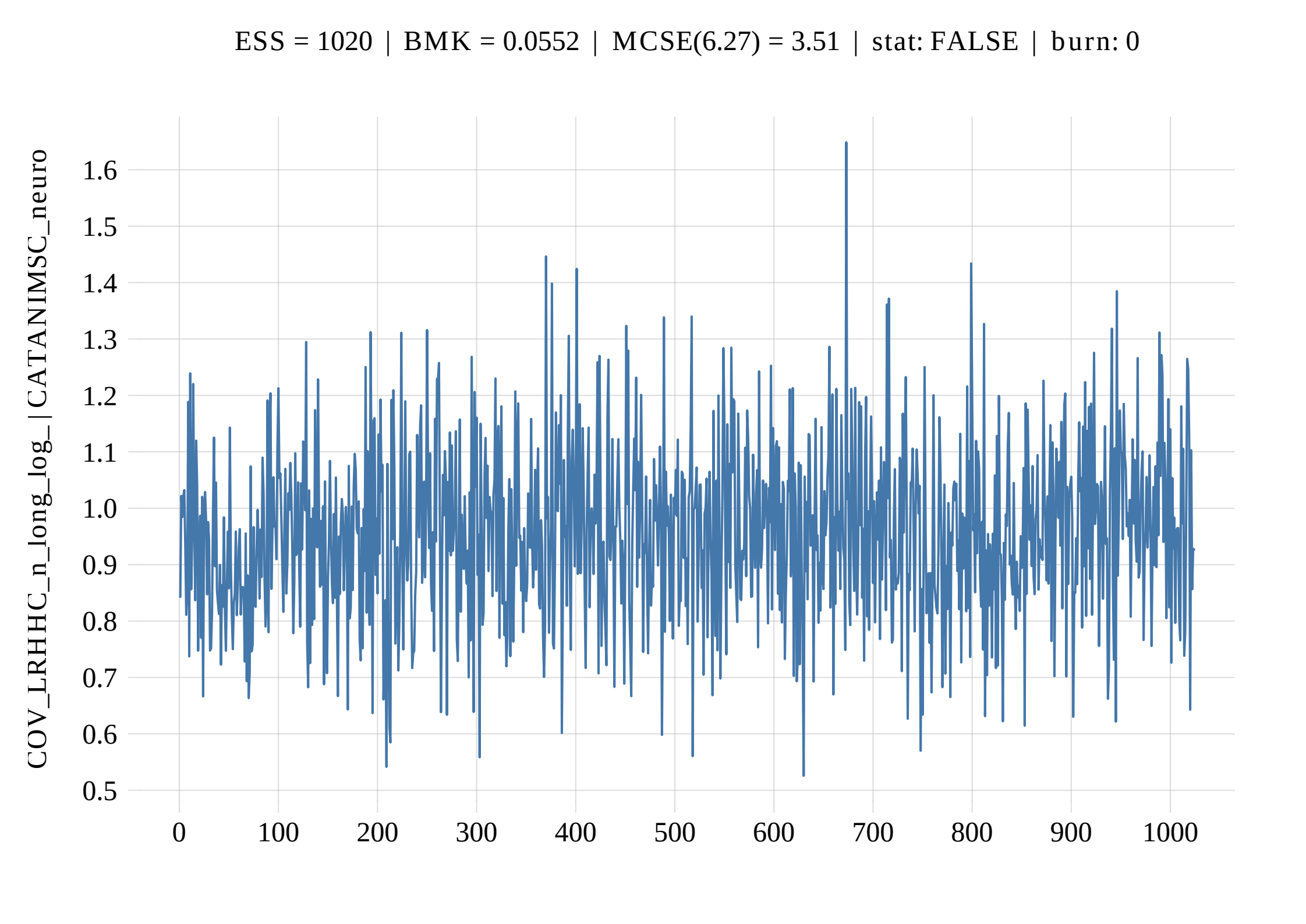

ESS = 510 | BMK = 0.0939 | MCSE(6.27) = 5.14 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|RAVLT_immediate
5.0
4.8
4.6
4.4
4.2
4.0
3.8
3.6
3.4
3.2
3.0
2.8
2.6
2.4
2.2
0
100
200
300
400
500
600
700
800
900
1000

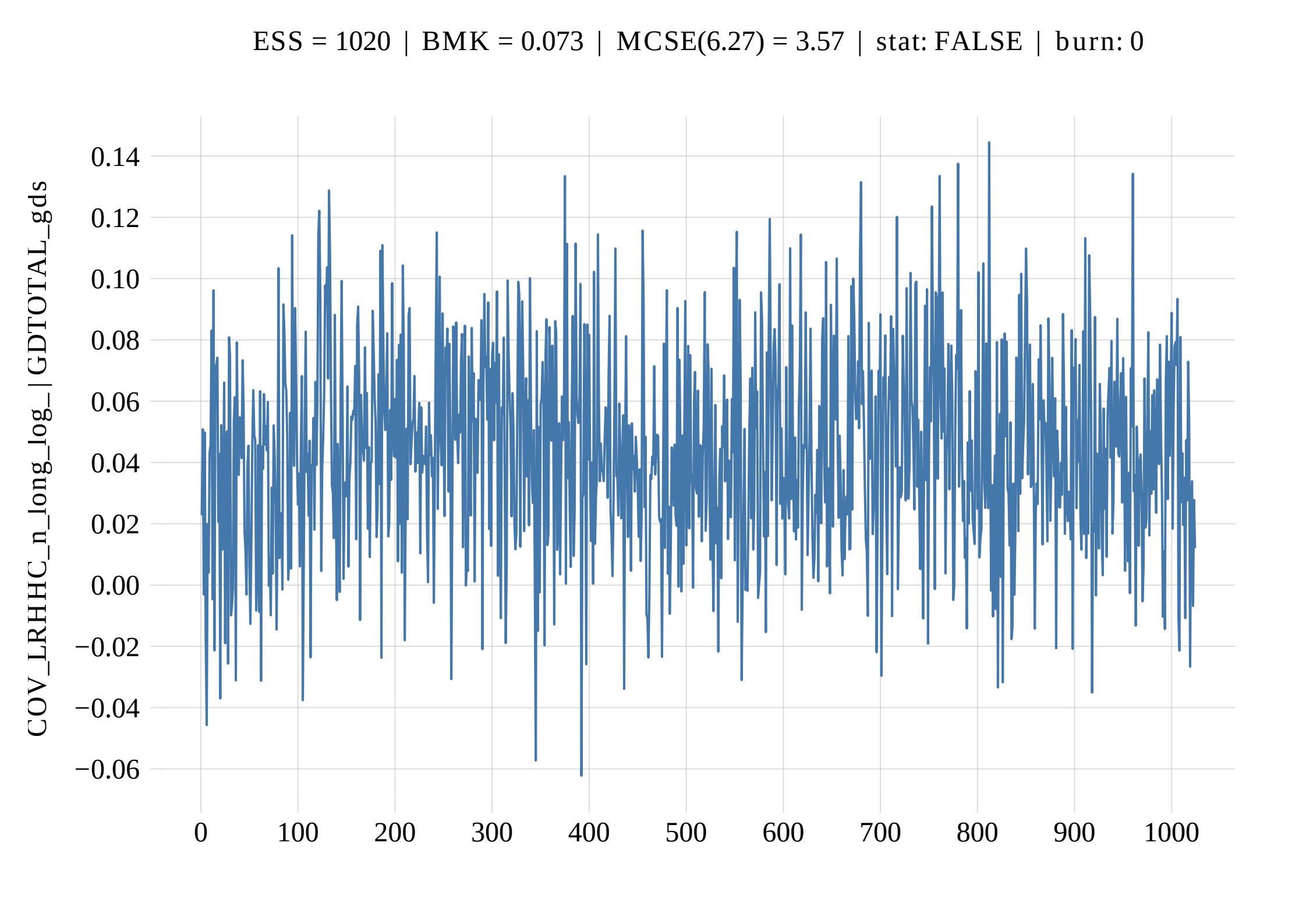

ESS = 1020 | BMK = 0.0844 | MCSE(6.27) = 3.9 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_ | AVDEL30MIN_neuro
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0
100
200
300
400
500
600
700
800
900
1000

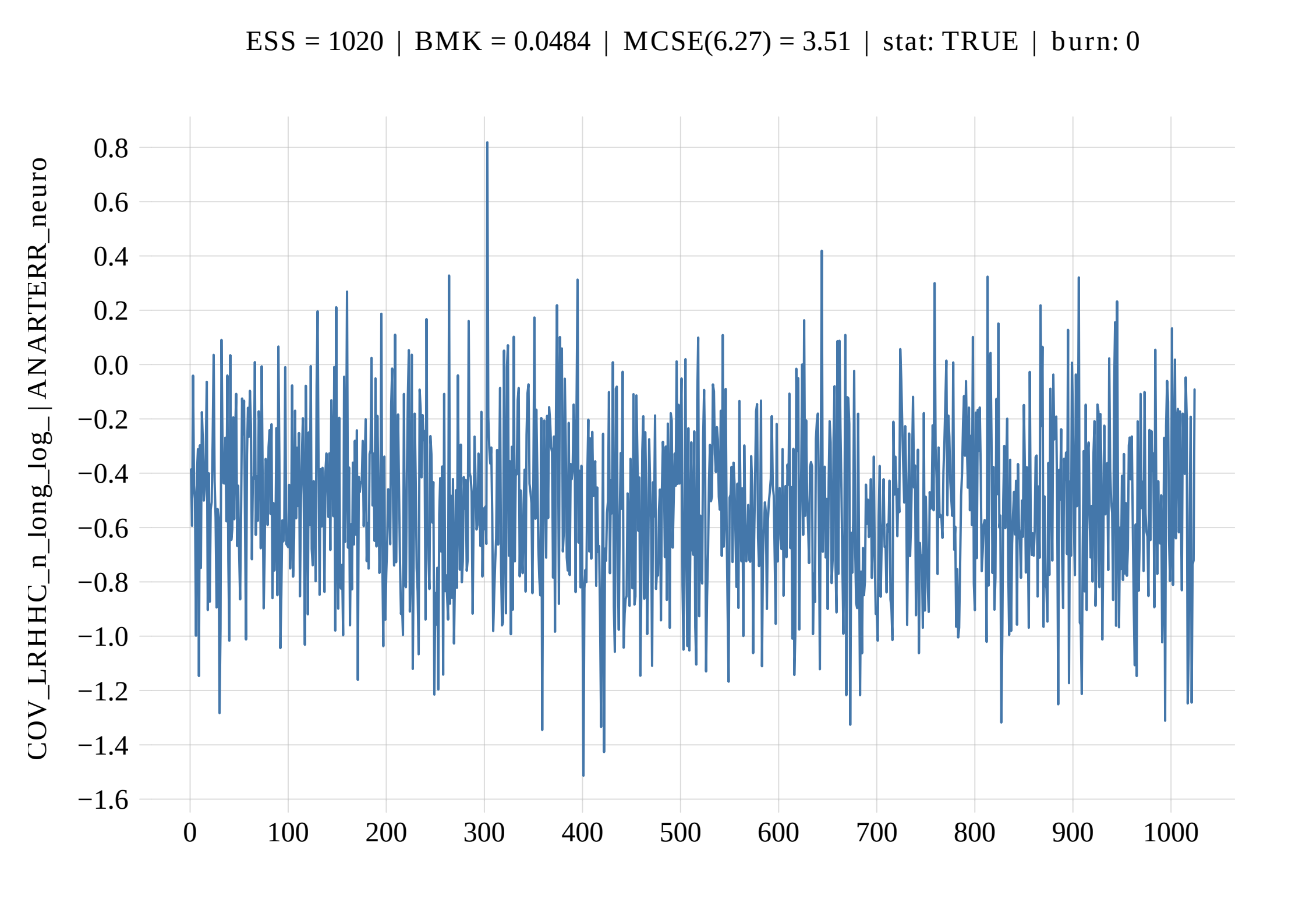

ESS = 1020 | BMK = 0.0441 | MCSE(6.27) = 3.56 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_ | AVDELTOT_neuro
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0
100
200
300
400
500
600
700
800
900
1000

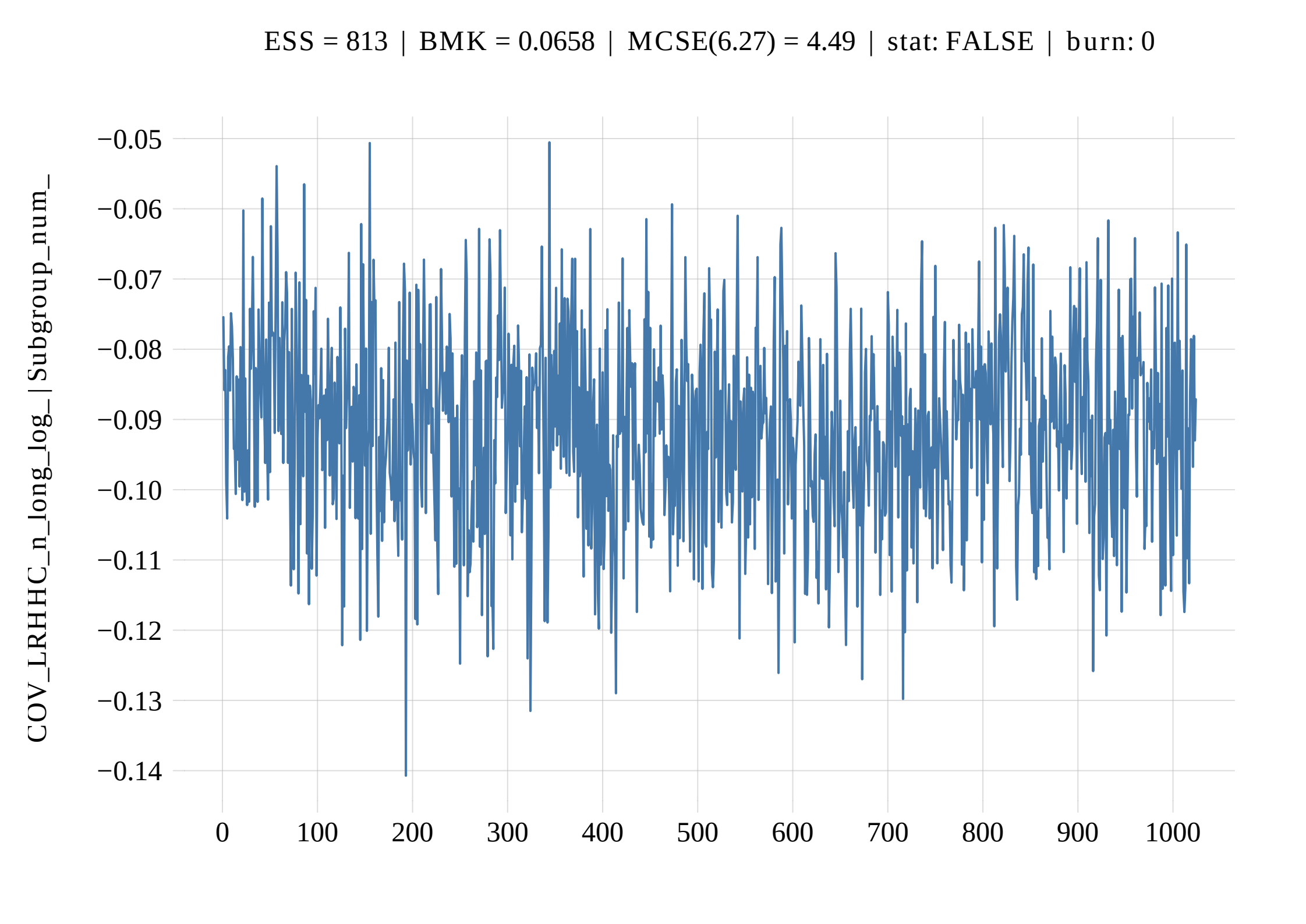

ESS = 1020 | BMK = 0.066 | MCSE(6.27) = 3.7 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|TRAASCOR_neuro
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
−3.5
−4.0
−4.5
0
100
200
300
400
500
600
700
800
900
1000

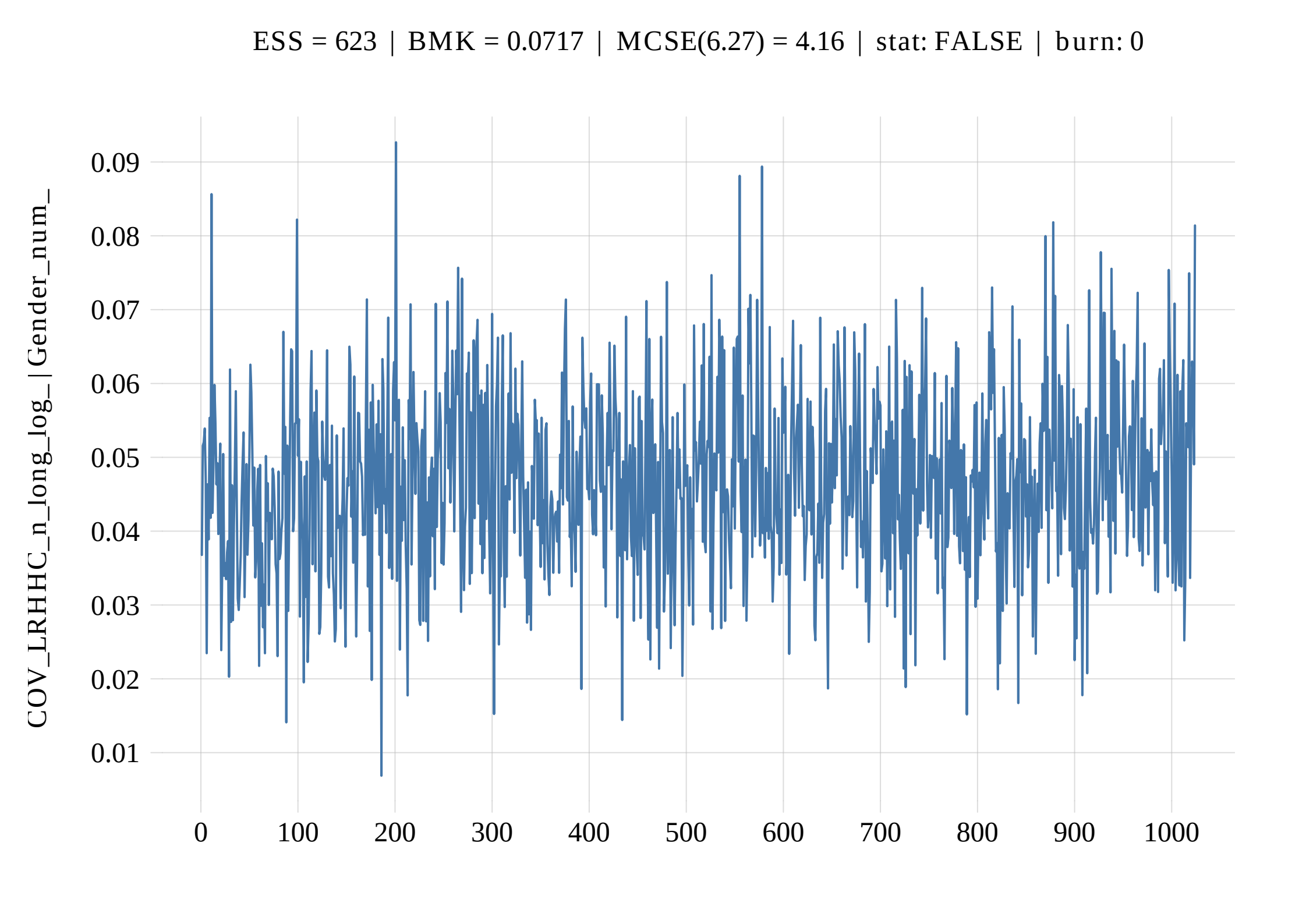

ESS = 1020 | BMK = 0.0524 | MCSE(6.27) = 3.27 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_|TRABSCOR_neuro
−2
−4
−6
−8
−10
−12
−14
−16
−18
0
100
200
300
400
500
600
700
800
900
1000

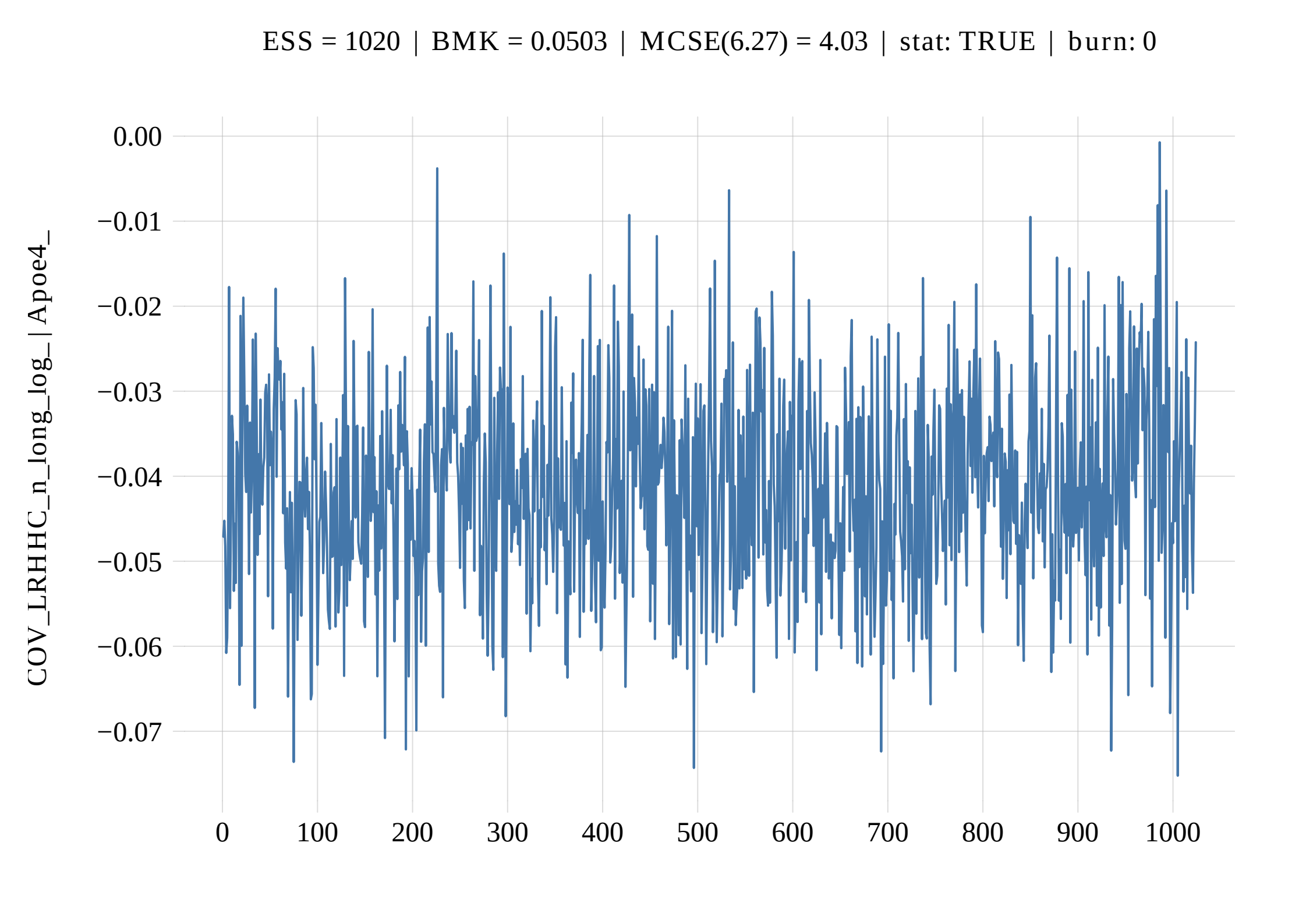

ESS = 1020 | BMK = 0.0552 | MCSE(6.27) = 3.51 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|CATANIMSC_neuro
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0
100
200
300
400
500
600
700
800
900
1000

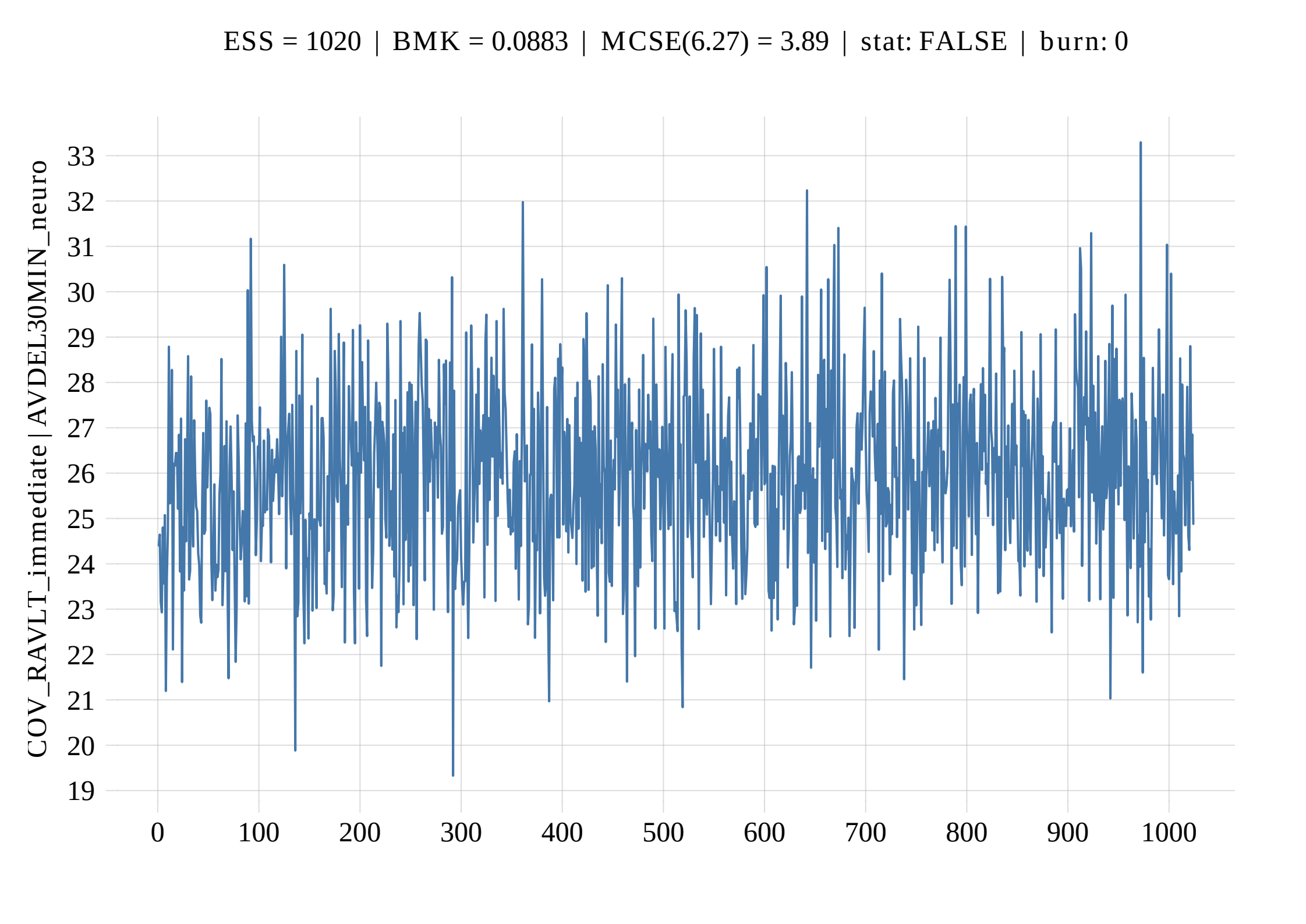

ESS = 1020 | BMK = 0.073 | MCSE(6.27) = 3.57 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|GDTOTAL_gds
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
0
100
200
300
400
500
600
700
800
900
1000

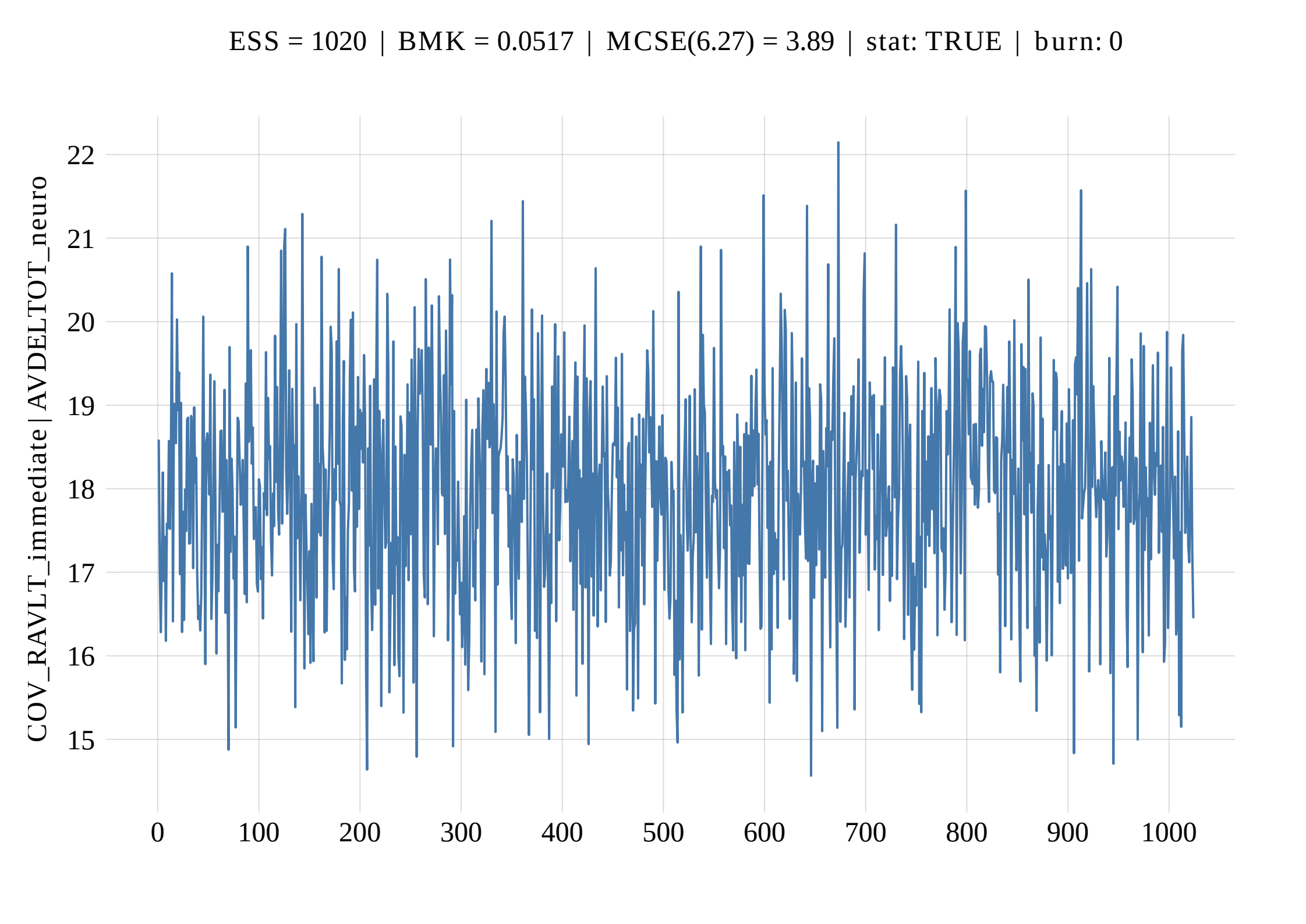

ESS = 1020 | BMK = 0.0484 | MCSE(6.27) = 3.51 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_ | ANARTERR_neuro
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
−1.6
0
100
200
300
400
500
600
700
800
900
1000

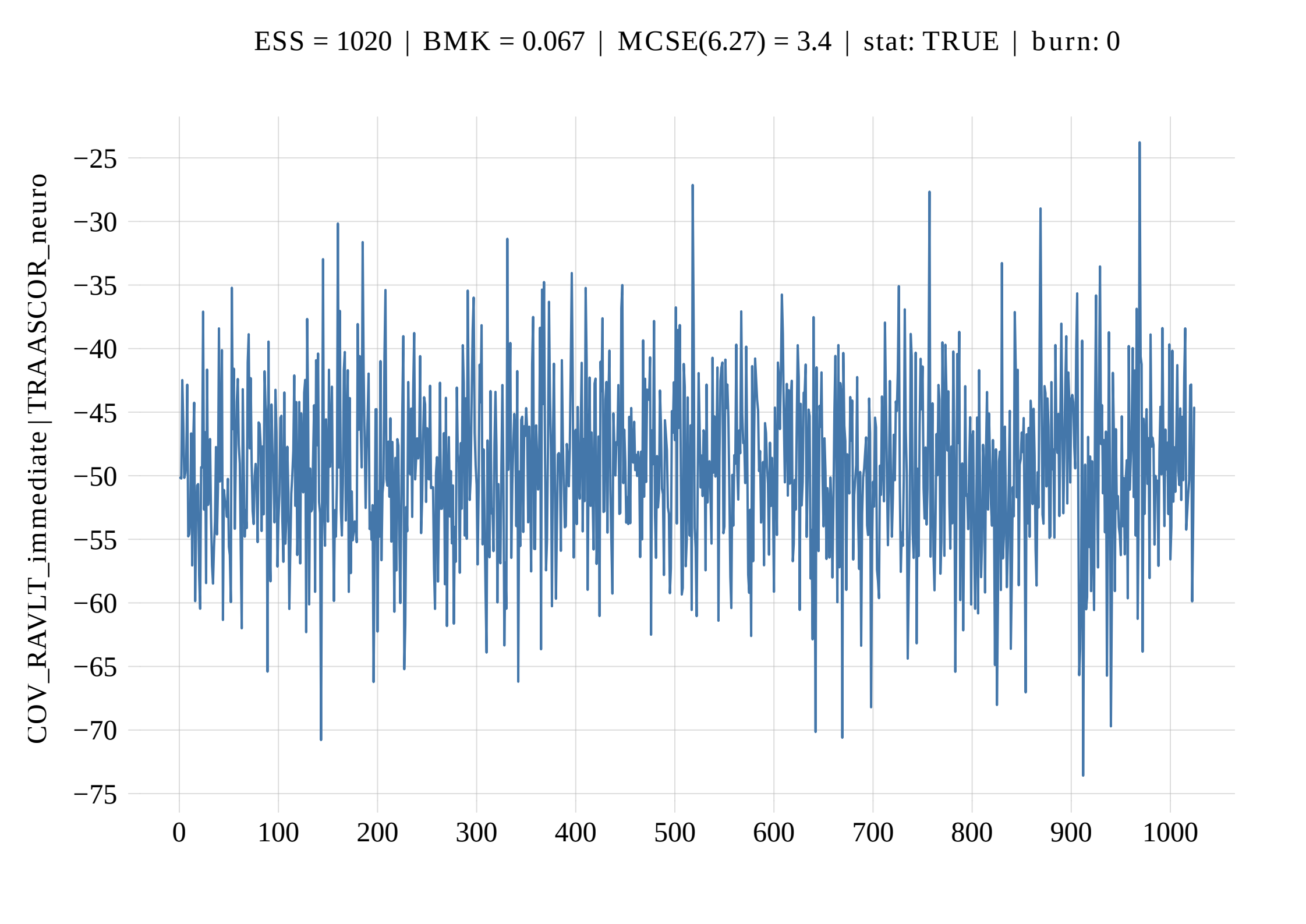

ESS = 813 | BMK = 0.0658 | MCSE(6.27) = 4.49 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|Subgroup_num_
−0.05
−0.06
−0.07
−0.08
−0.09
−0.10
−0.11
−0.12
−0.13
−0.14
0
100
200
300
400
500
600
700
800
900
1000

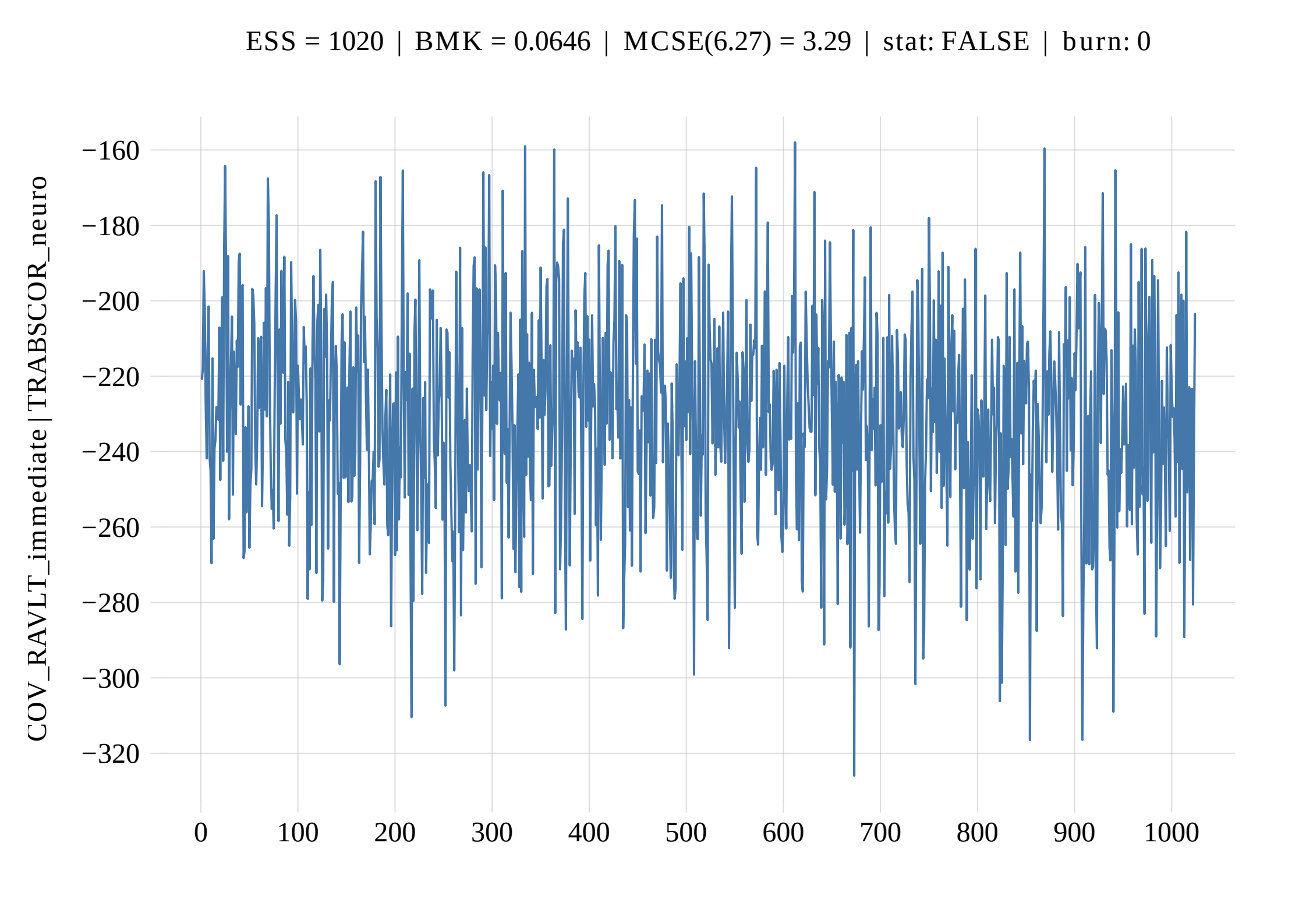

ESS = 623 | BMK = 0.0717 | MCSE(6.27) = 4.16 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|Gender_num_
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
100
200
300
400
500
600
700
800
900
1000

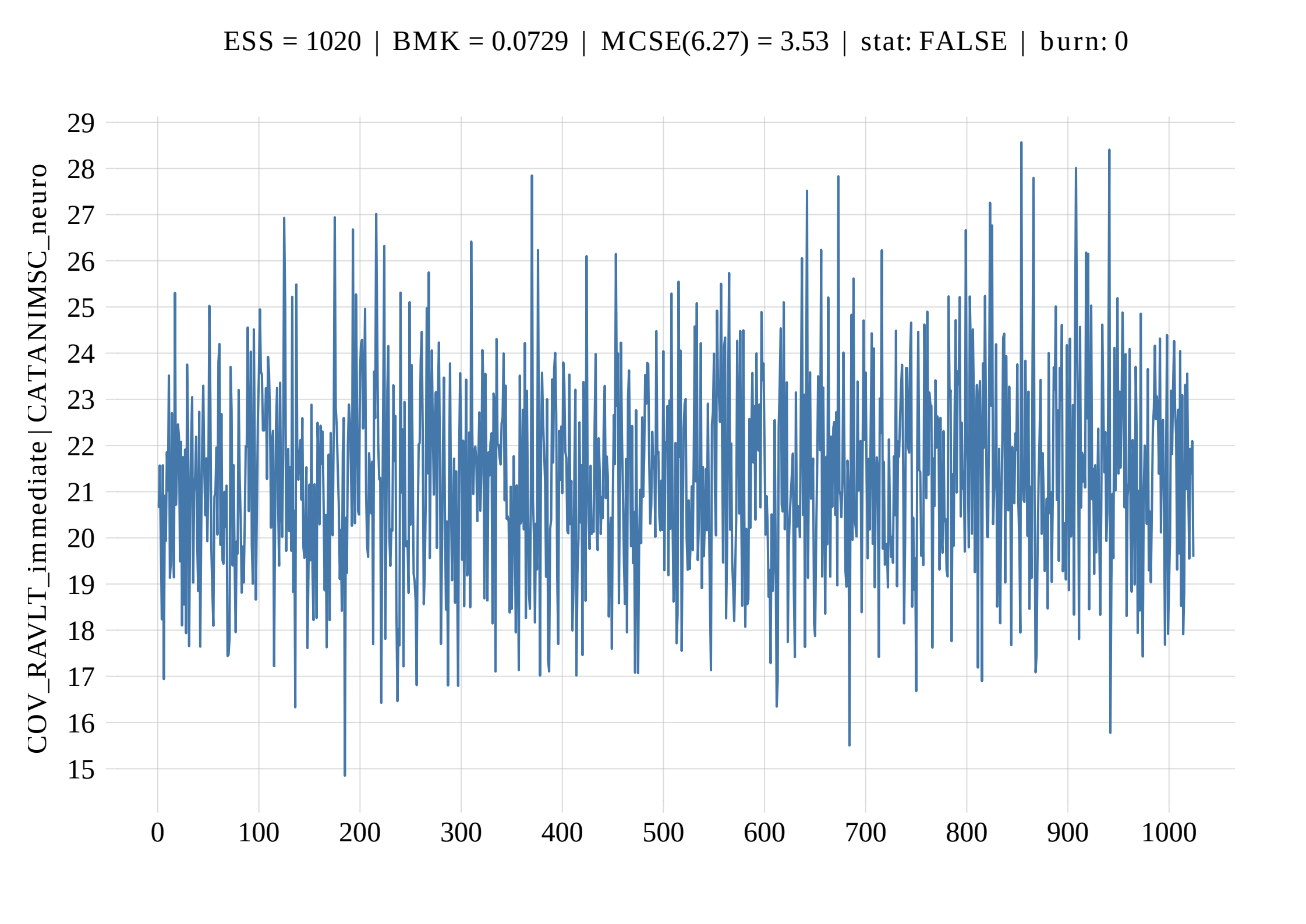

ESS = 1020 | BMK = 0.0503 | MCSE(6.27) = 4.03 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_ | Apoe4_
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.07
0
100
200
300
400
500
600
700
800
900
1000

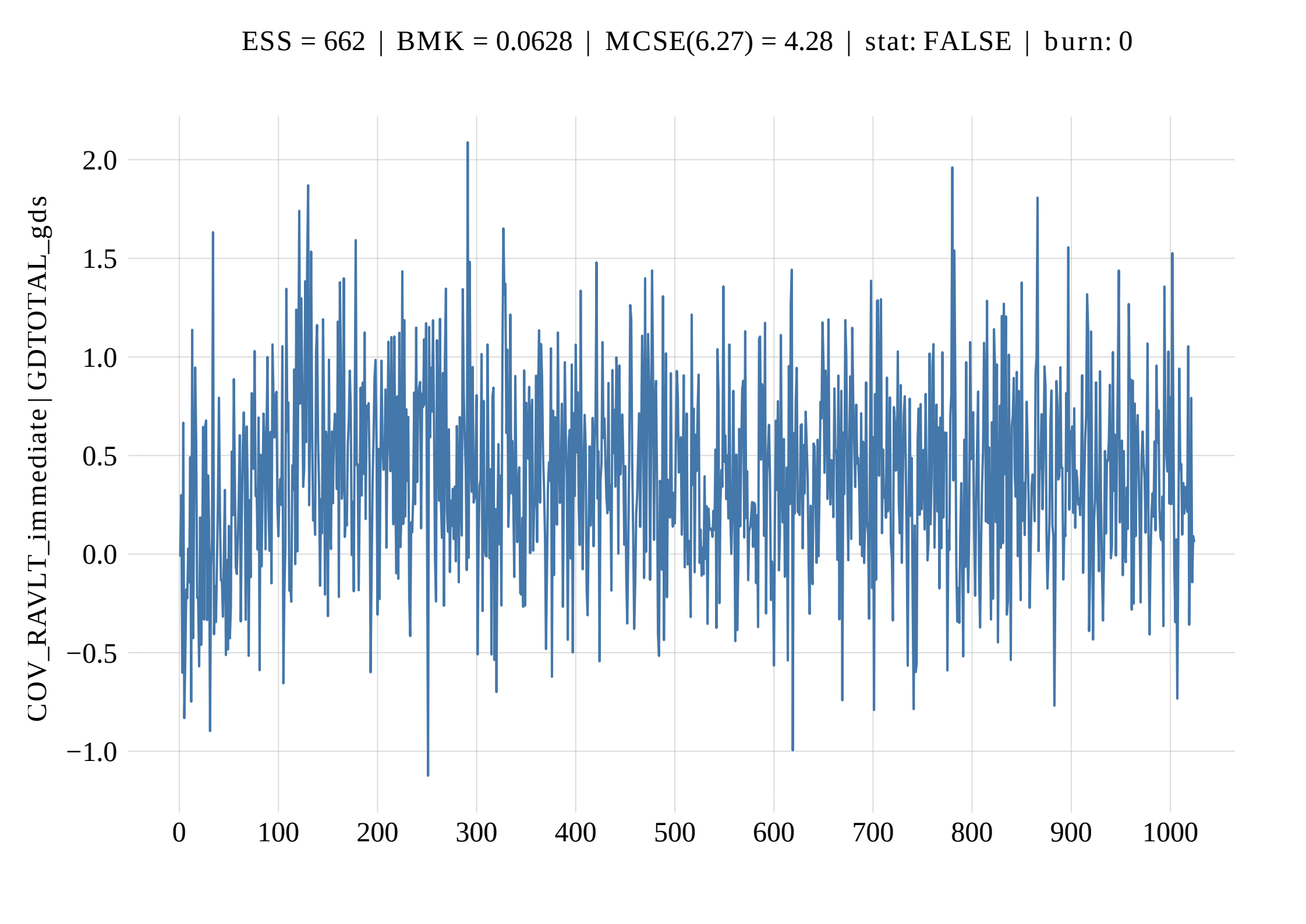

ESS = 1020 | BMK = 0.0883 | MCSE(6.27) = 3.89 | stat: FALSE | burn: 0
COV_RAVLT_immediate | AVDEL30MIN_neuro
33
32
31
30
29
28
27
26
25
24
23
22
21
20
19
0
100
200
300
400
500
600
700
800
900
1000

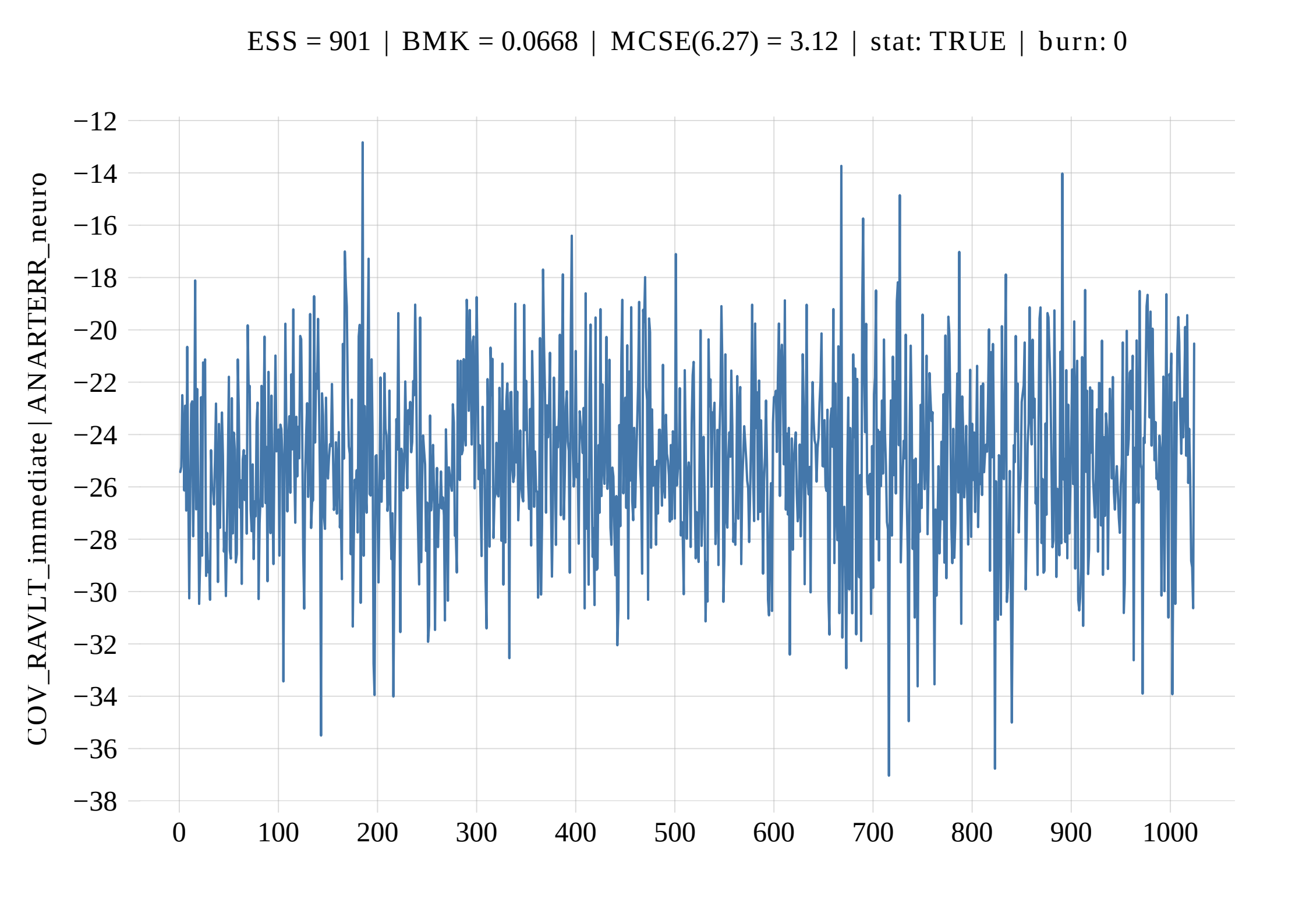

ESS = 1020 | BMK = 0.0517 | MCSE(6.27) = 3.89 | stat: TRUE | burn: 0
COV_RAVLT_immediate | AVDELTOT_neuro
22
21
20
19
18
17
16
15
0
100
200
300
400
500
600
700
800
900
1000

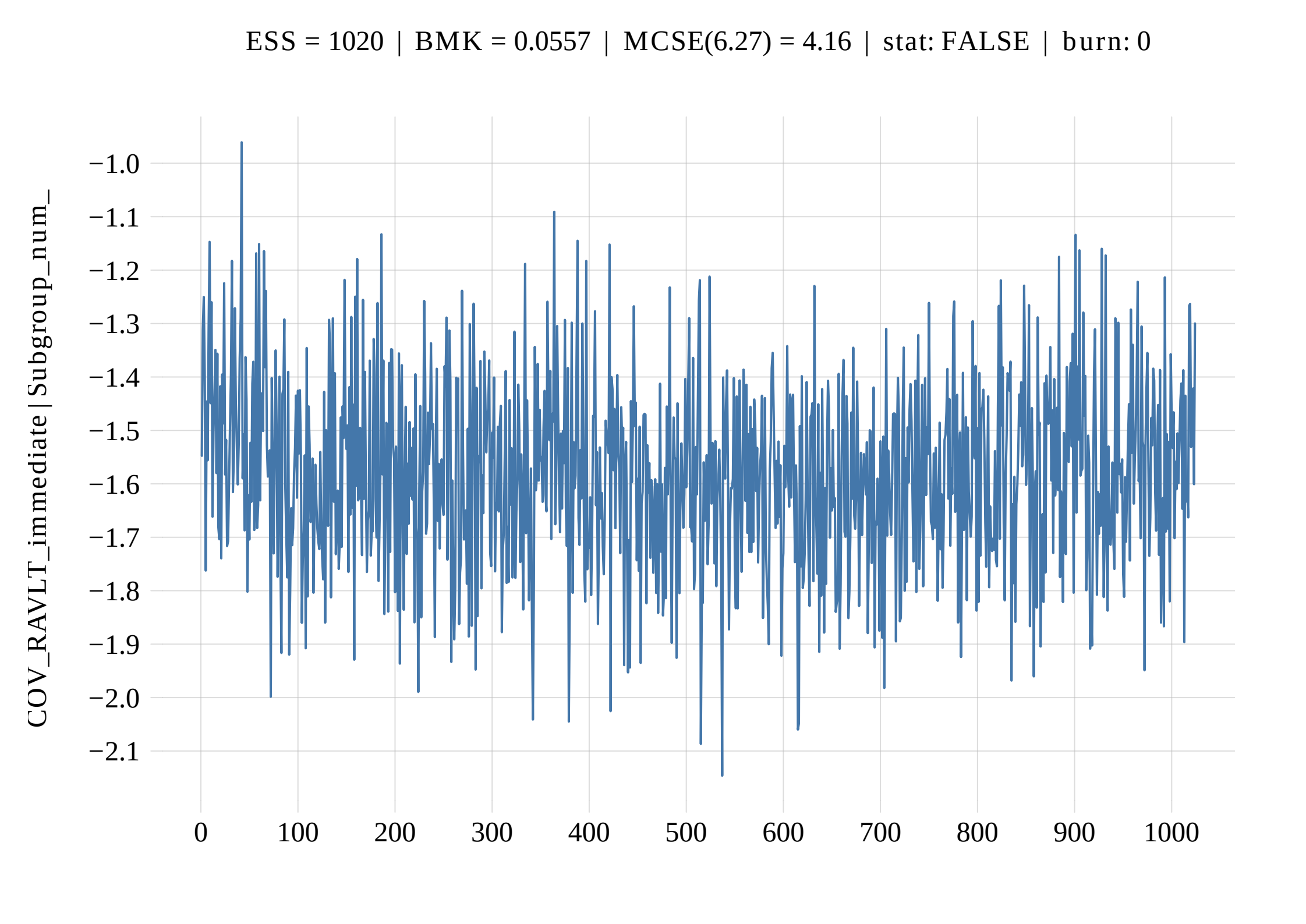

ESS = 1020 | BMK = 0.067 | MCSE(6.27) = 3.4 | stat: TRUE | burn: 0
COV_RAVLT_immediate | TRAASCOR_neuro
−25
−30
−35
−40
−45
−50
−55
−60
−65
−70
−75
0
100
200
300
400
500
600
700
800
900
1000

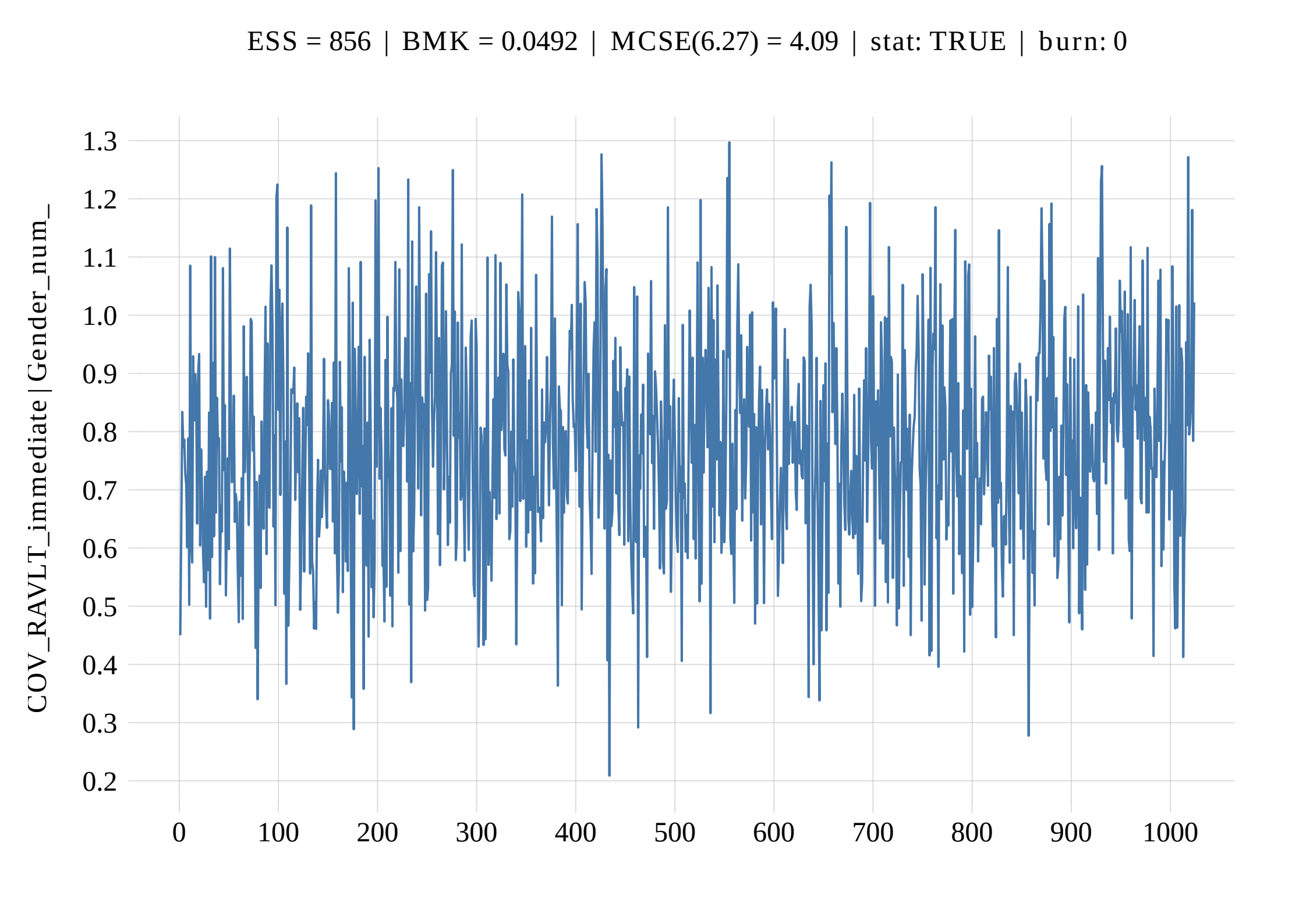

ESS = 1020 | BMK = 0.0646 | MCSE(6.27) = 3.29 | stat: FALSE | burn: 0
COV_RAVLT_immediate|TRABSCOR_neuro
−160
−180
−200
−220
−240
−260
−280
−300
−320
0
100
200
300
400
500
600
700
800
900
1000

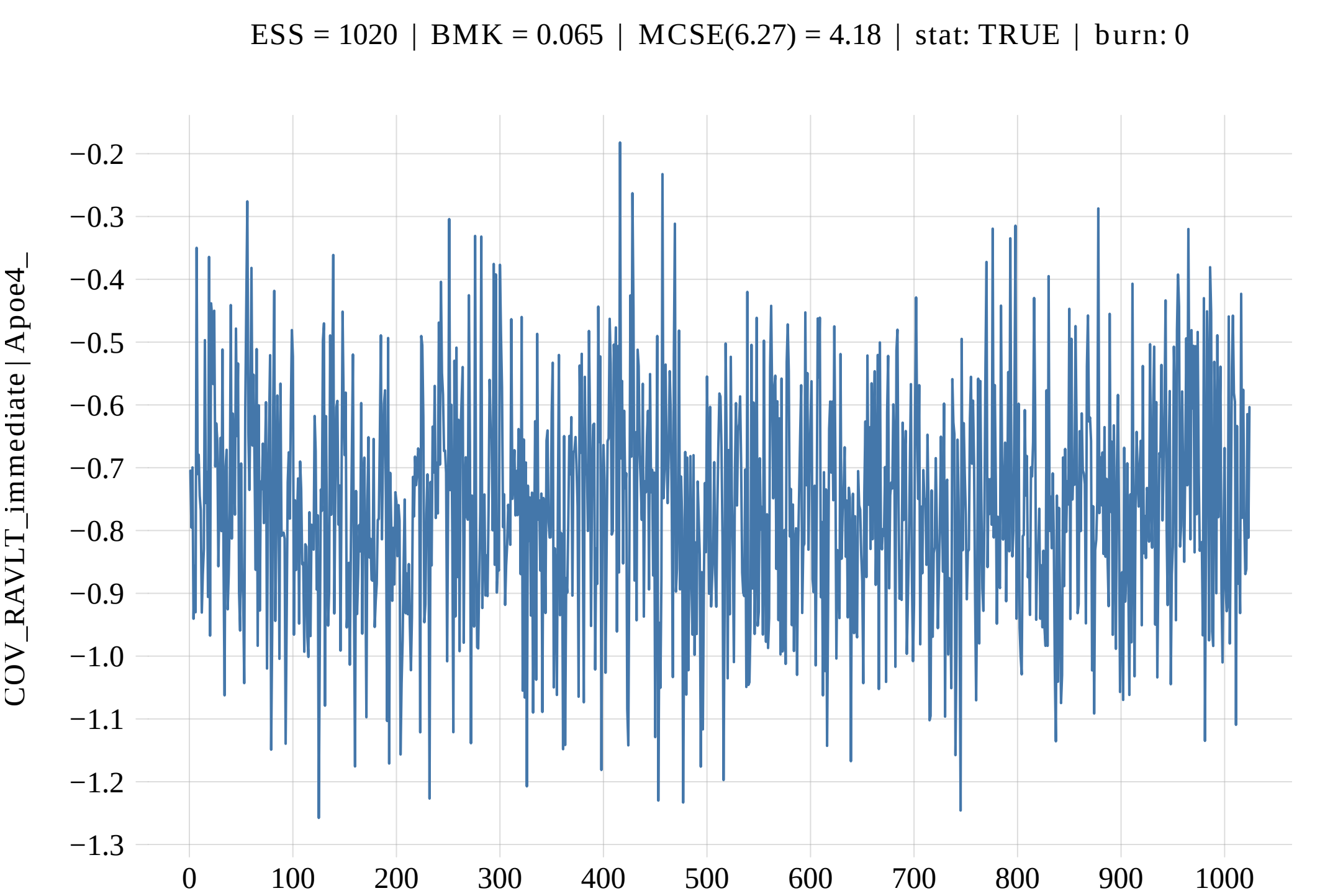

ESS = 1020 | BMK = 0.0729 | MCSE(6.27) = 3.53 | stat: FALSE | burn: 0
COV_RAVLT_immediate|CATANIMSC_neuro
29
28
27
26
25
24
23
22
21
20
19
18
17
16
15
0
100
200
300
400
500
600
700
800
900
1000

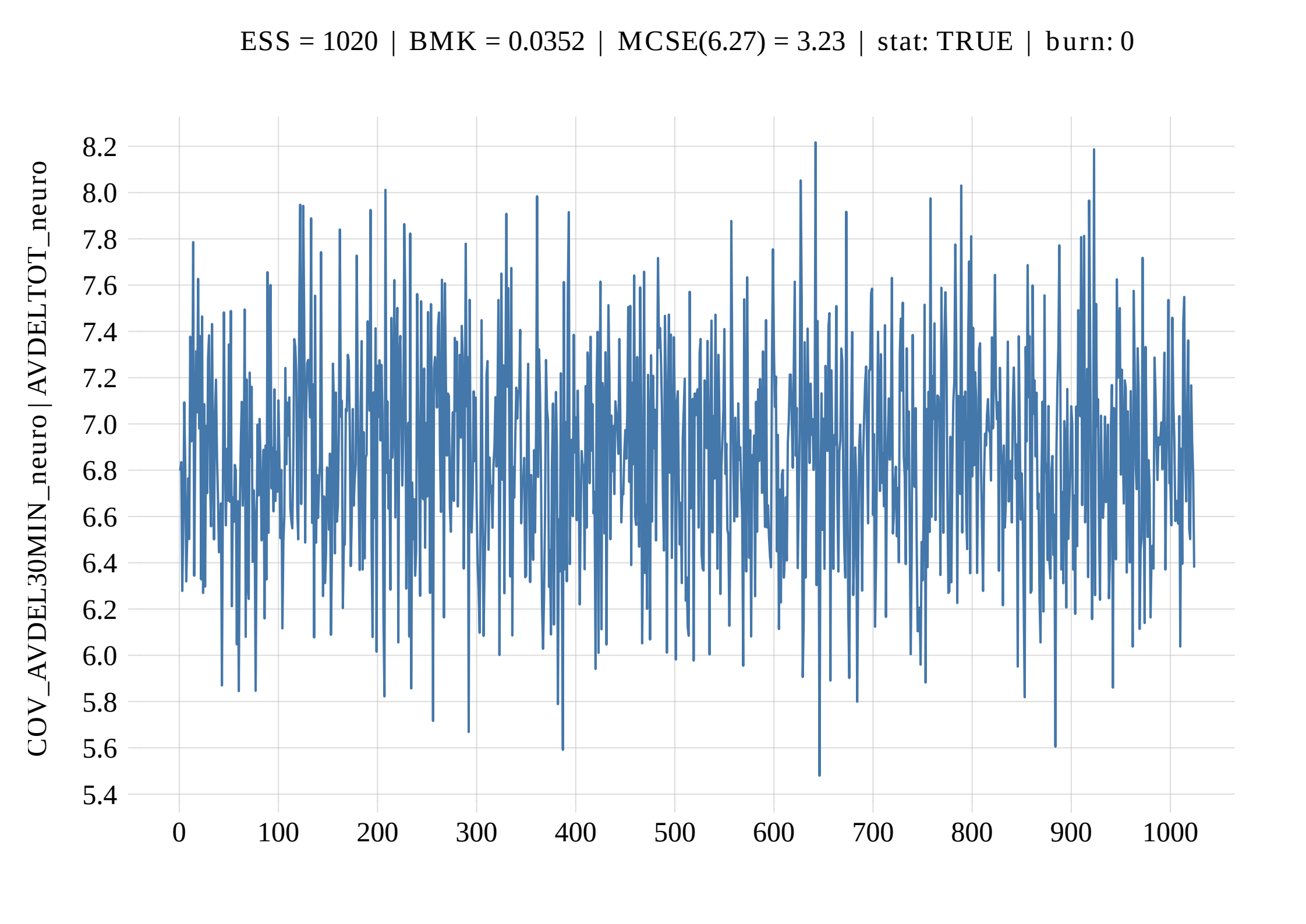

ESS = 662 | BMK = 0.0628 | MCSE(6.27) = 4.28 | stat: FALSE | burn: 0
COV_RAVLT_immediate|GDTOTAL_gds
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
0
100
200
300
400
500
600
700
800
900
1000

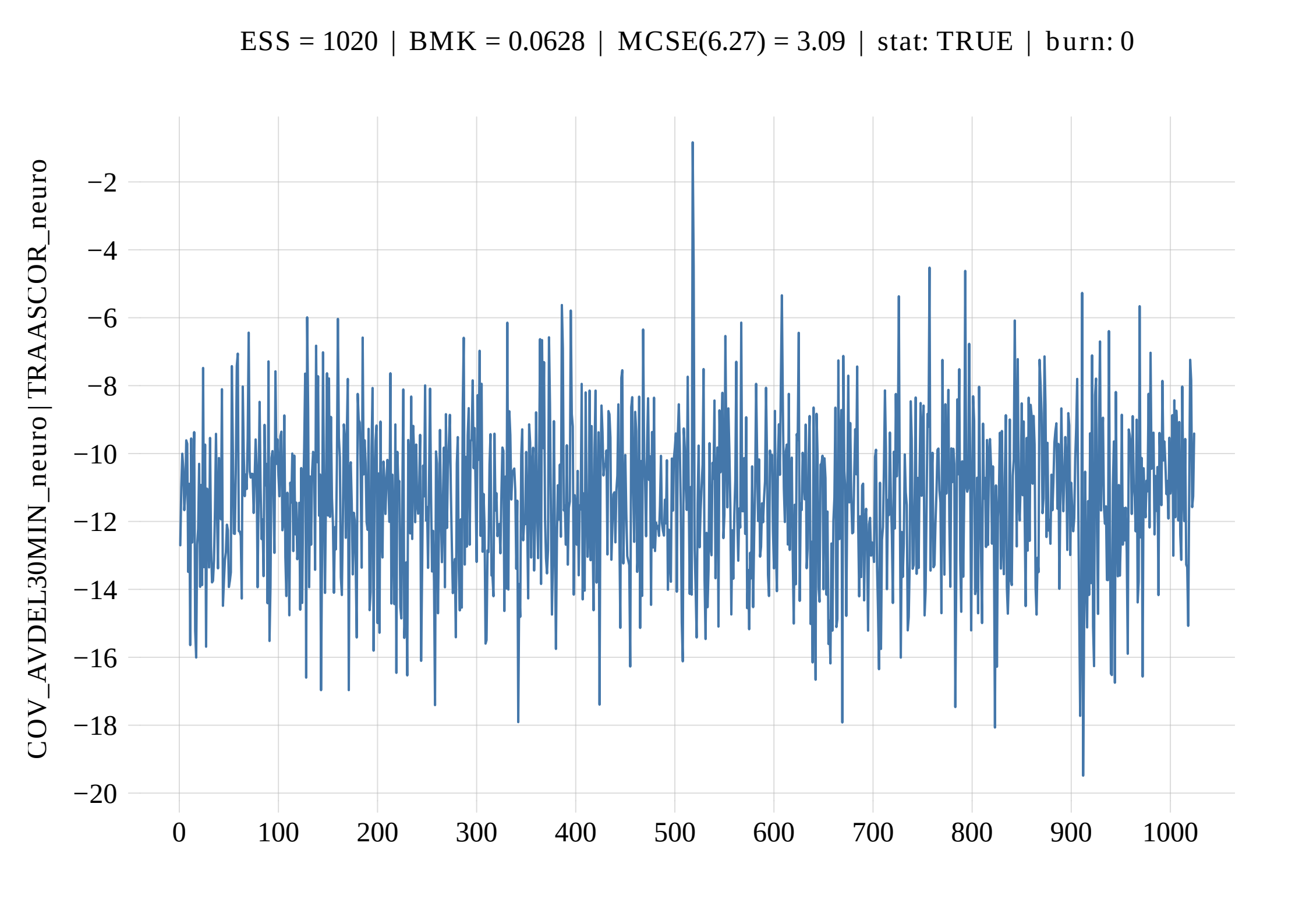

ESS = 901 | BMK = 0.0668 | MCSE(6.27) = 3.12 | stat: TRUE | burn: 0
COV_RAVLT_immediate | ANARTERR_neuro
−12
−14
−16
−18
−20
−22
−24
−26
−28
−30
−32
−34
−36
−38
0
100
200
300
400
500
600
700
800
900
1000

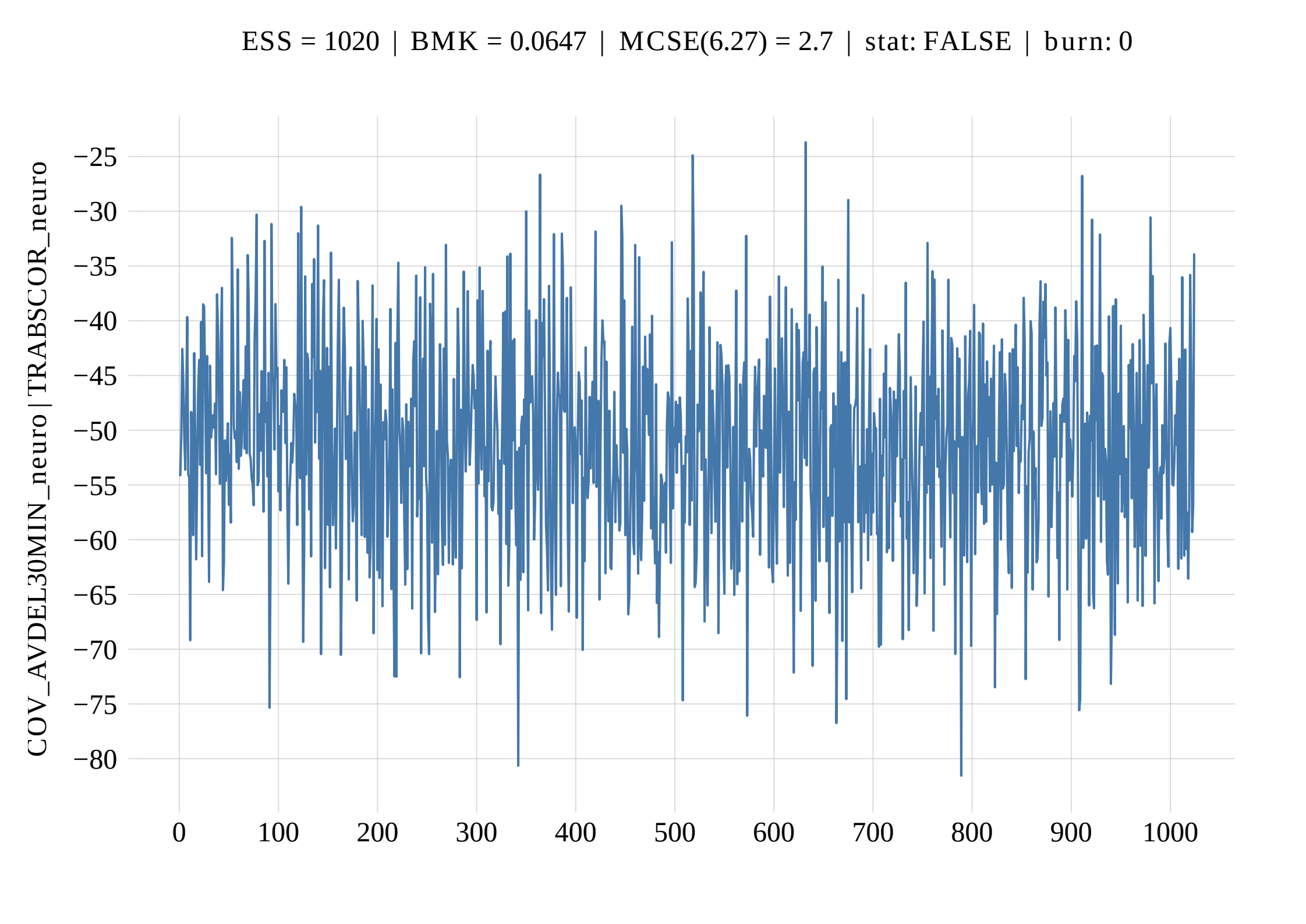

ESS = 1020 | BMK = 0.0557 | MCSE(6.27) = 4.16 | stat: FALSE | burn: 0
COV_RAVLT_immediate | Subgroup_num_
−1.0
−1.1
−1.2
−1.3
−1.4
−1.5
−1.6
−1.7
−1.8
−1.9
−2.0
−2.1
0
100
200
300
400
500
600
700
800
900
1000

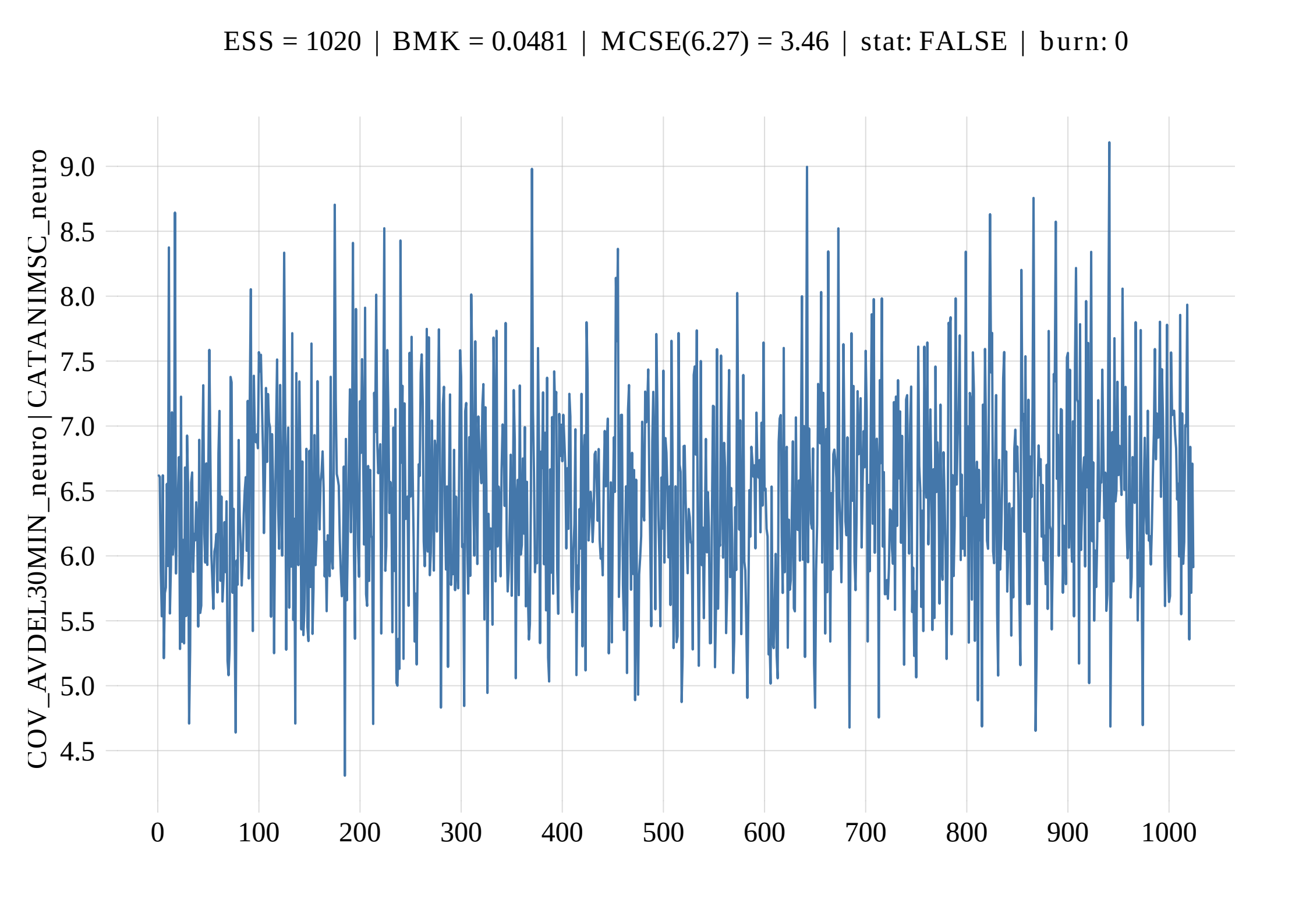

ESS = 856 | BMK = 0.0492 | MCSE(6.27) = 4.09 | stat: TRUE | burn: 0
COV_RAVLT_immediate|Gender_num_
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0
100
200
300
400
500
600
700
800
900
1000

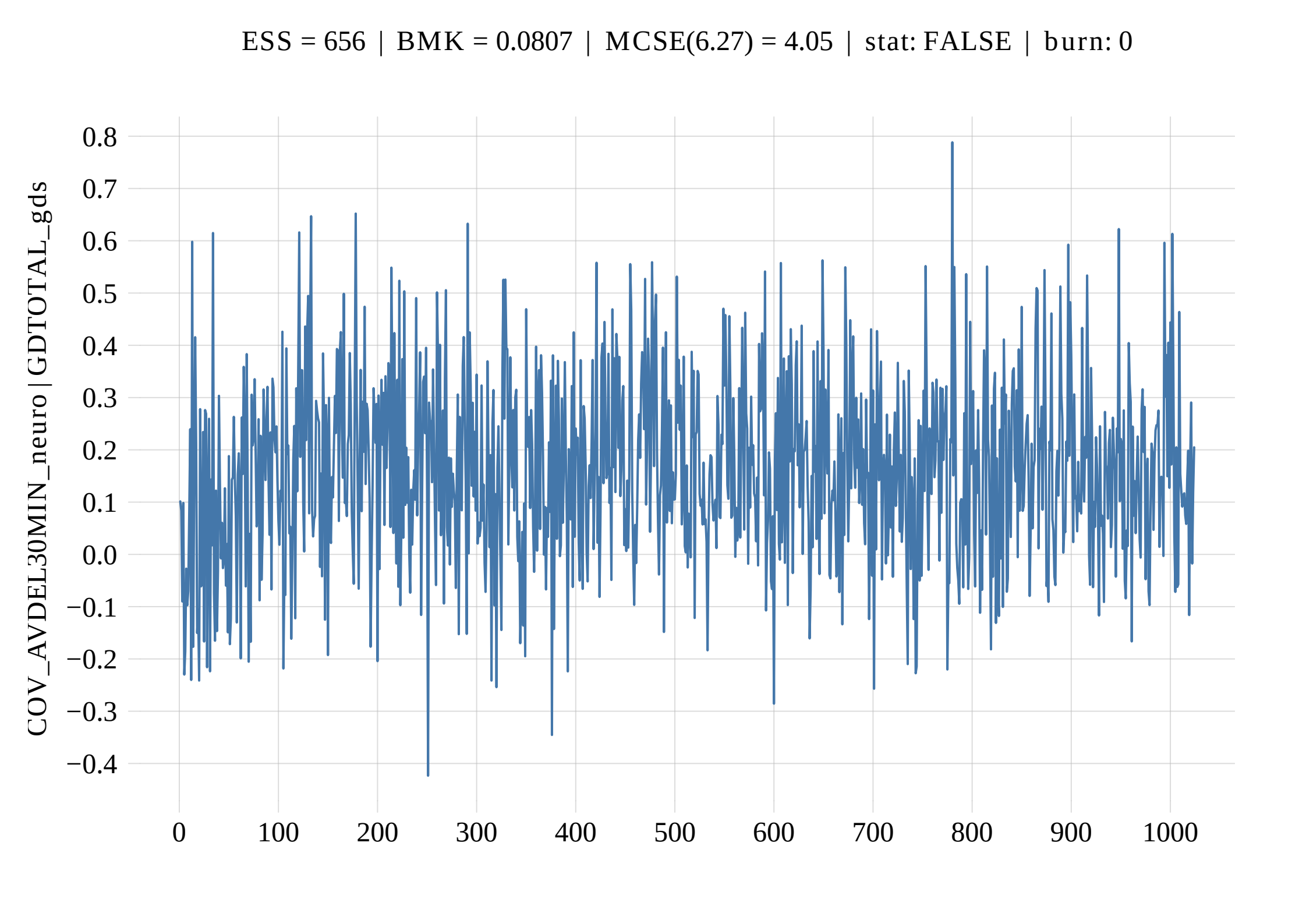

ESS = 1020 | BMK = 0.065 | MCSE(6.27) = 4.18 | stat: TRUE | burn: 0
COV_RAVLT_immediate | Apoe4_
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
−1.0
−1.1
−1.2
−1.3
0
100
200
300
400
500
600
700
800
900
1000

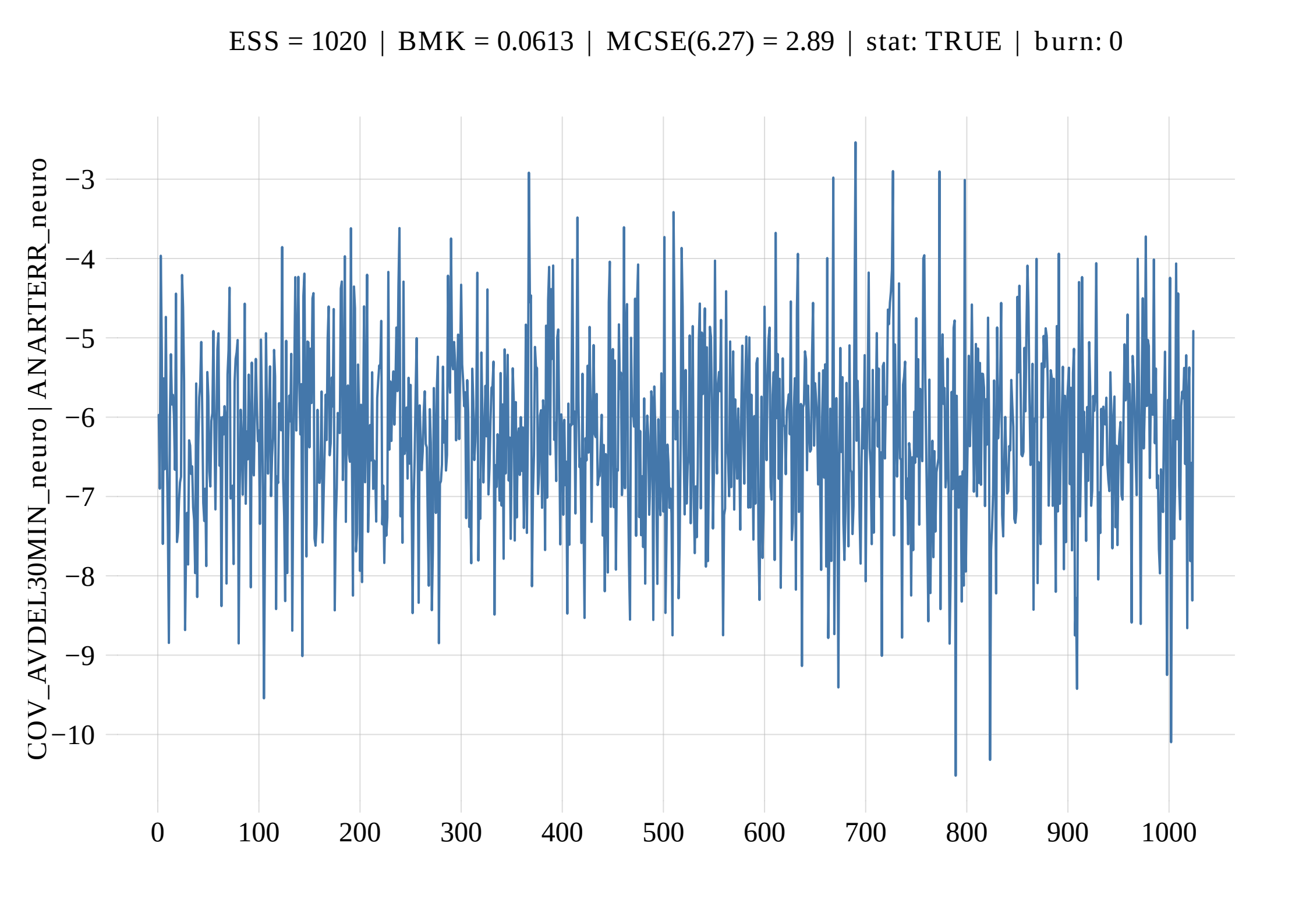

ESS = 1020 | BMK = 0.0352 | MCSE(6.27) = 3.23 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro | AVDELTOT_neuro
8.2
8.0
7.8
7.6
7.4
7.2
7.0
6.8
6.6
6.4
6.2
6.0
5.8
5.6
5.4
0
100
200
300
400
500
600
700
800
900
1000

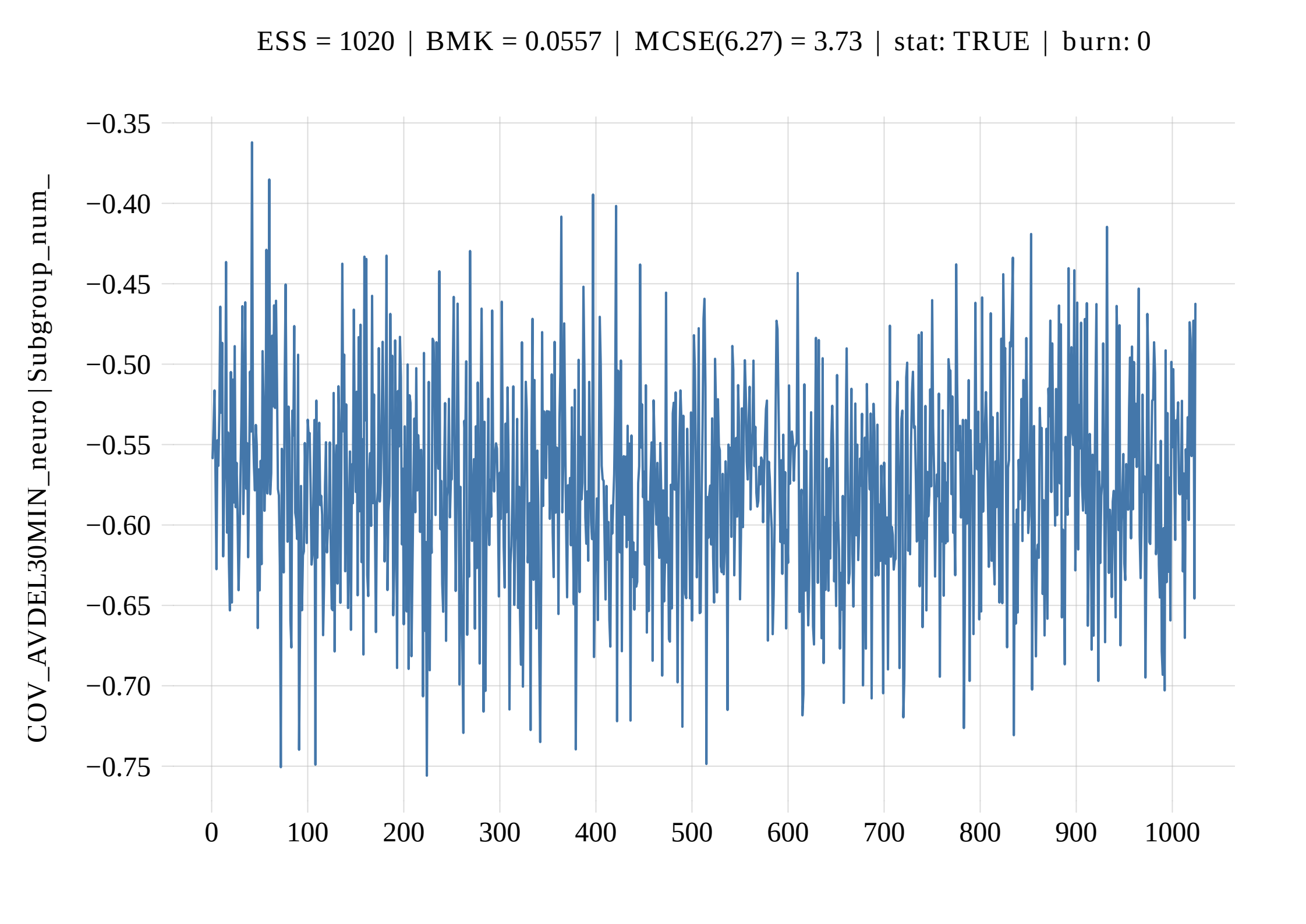

ESS = 1020 | BMK = 0.0628 | MCSE(6.27) = 3.09 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro | TRAASCOR_neuro
−2
−4
−6
−8
−10
−12
−14
−16
−18
−20
0
100
200
300
400
500
600
700
800
900
1000

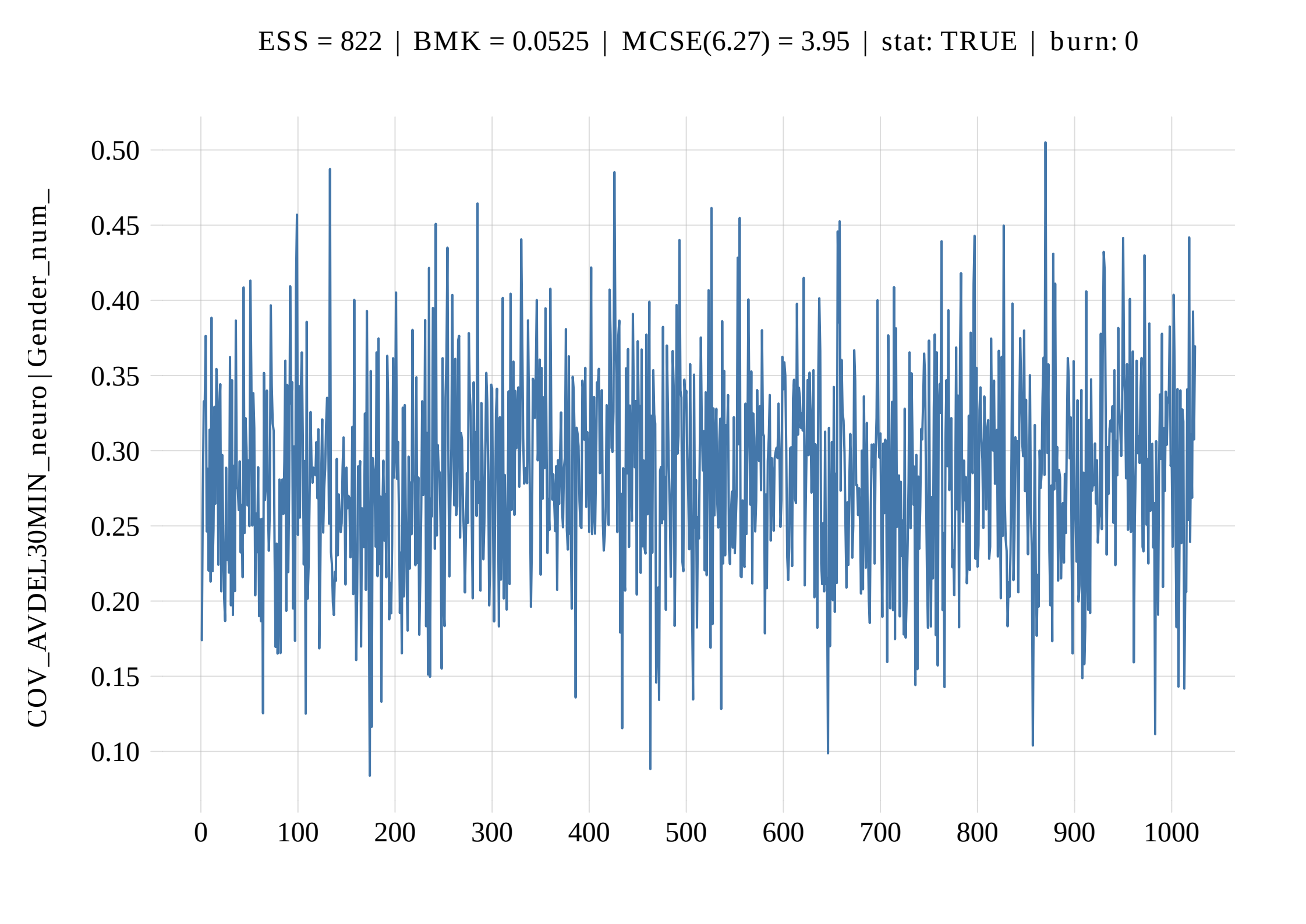

ESS = 1020 | BMK = 0.0647 | MCSE(6.27) = 2.7 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro | TRABSCOR_neuro
−25
−30
−35
−40
−45
−50
−55
−60
−65
−70
−75
−80
0
100
200
300
400
500
600
700
800
900
1000

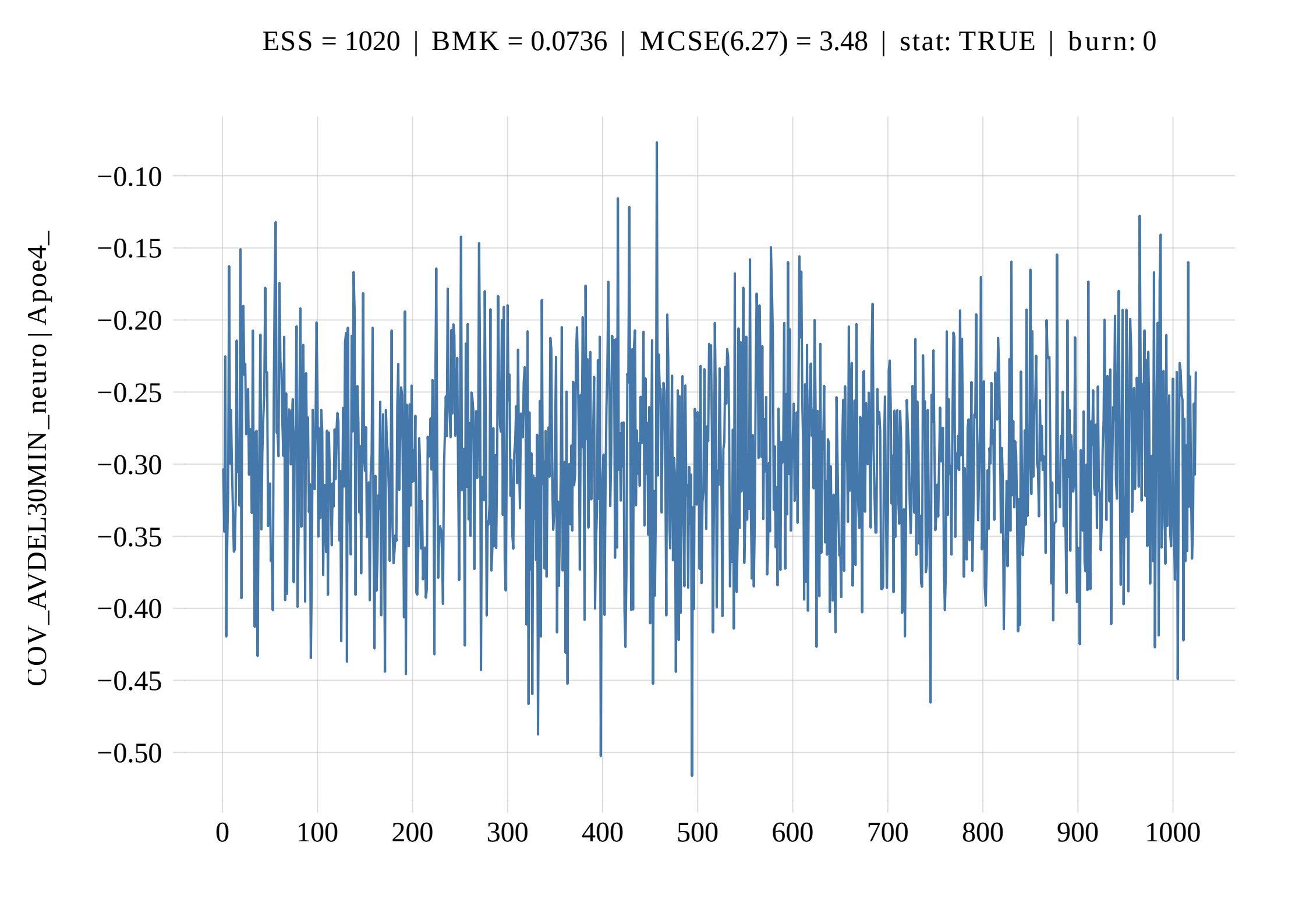

ESS = 1020 | BMK = 0.0481 | MCSE(6.27) = 3.46 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro | CATANIMSC_neuro
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
0
100
200
300
400
500
600
700
800
900
1000

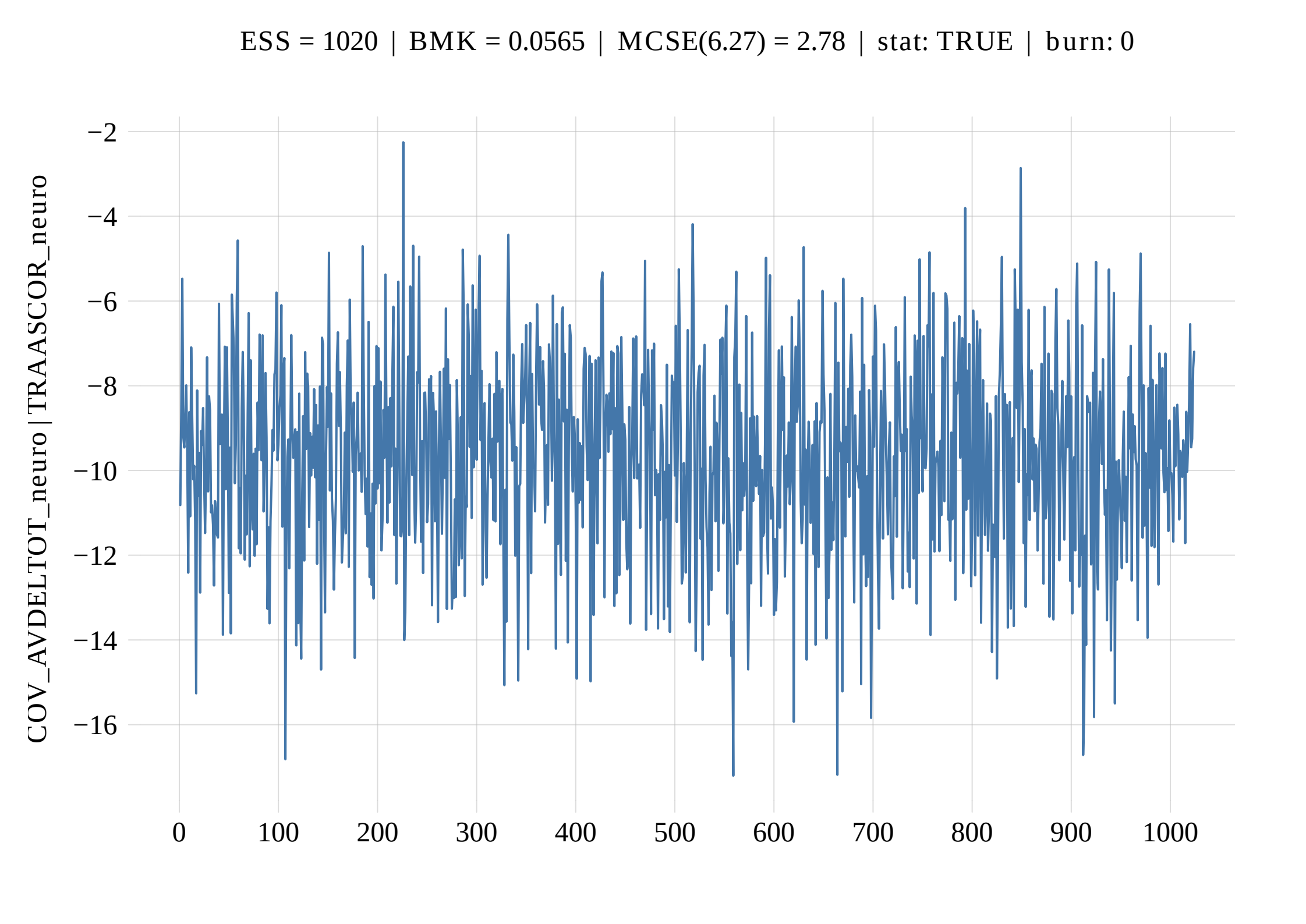

ESS = 656 | BMK = 0.0807 | MCSE(6.27) = 4.05 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro | GDTOTAL_gds
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
100
200
300
400
500
600
700
800
900
1000

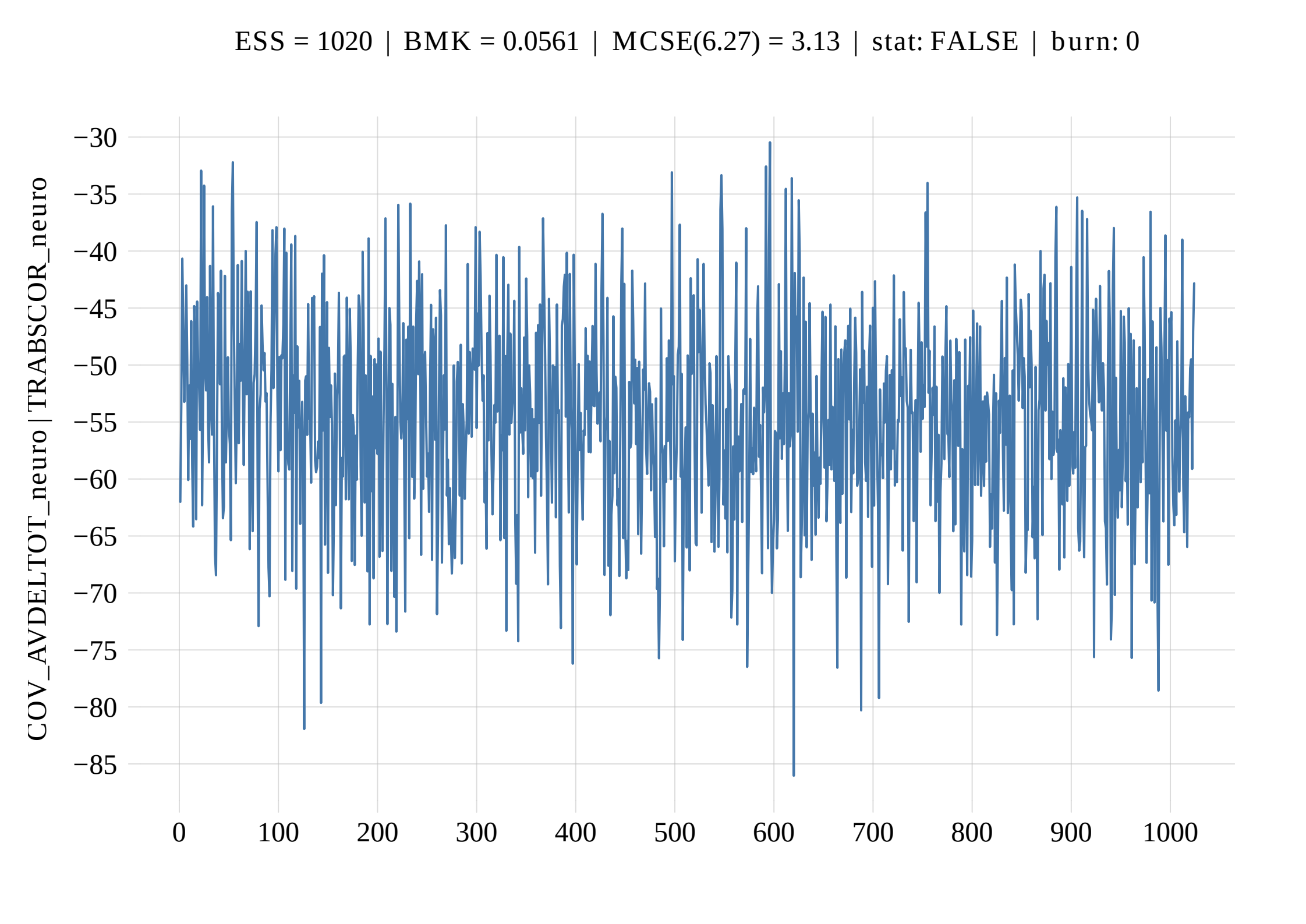

ESS = 1020 | BMK = 0.0613 | MCSE(6.27) = 2.89 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro | ANARTERR_neuro
−3
−4
−5
−6
−7
−8
−9
−10
0
100
200
300
400
500
600
700
800
900
1000

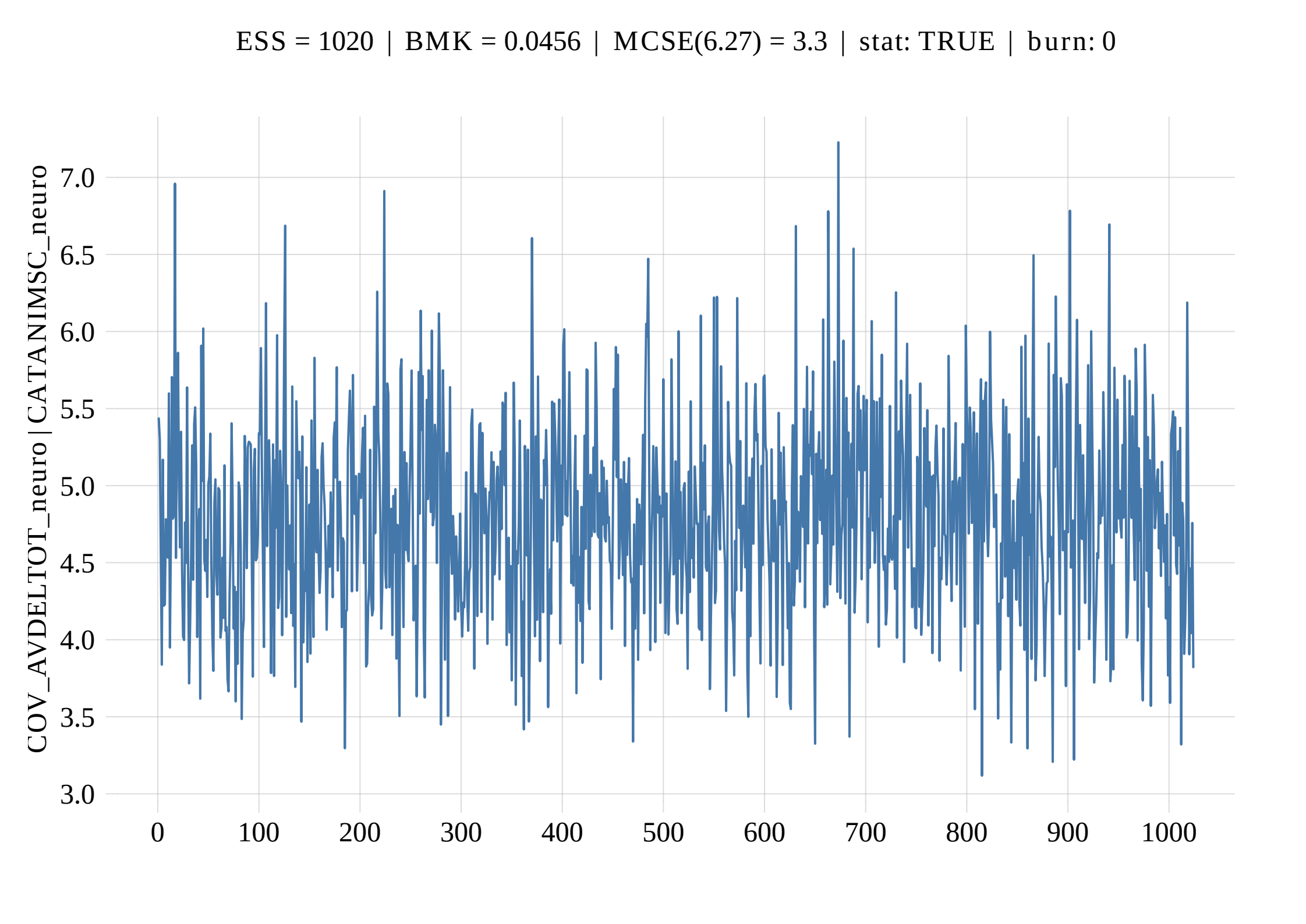

ESS = 1020 | BMK = 0.0557 | MCSE(6.27) = 3.73 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro|Subgroup_num_
−0.35
−0.40
−0.45
−0.50
−0.55
−0.60
−0.65
−0.70
−0.75
0
100
200
300
400
500
600
700
800
900
1000

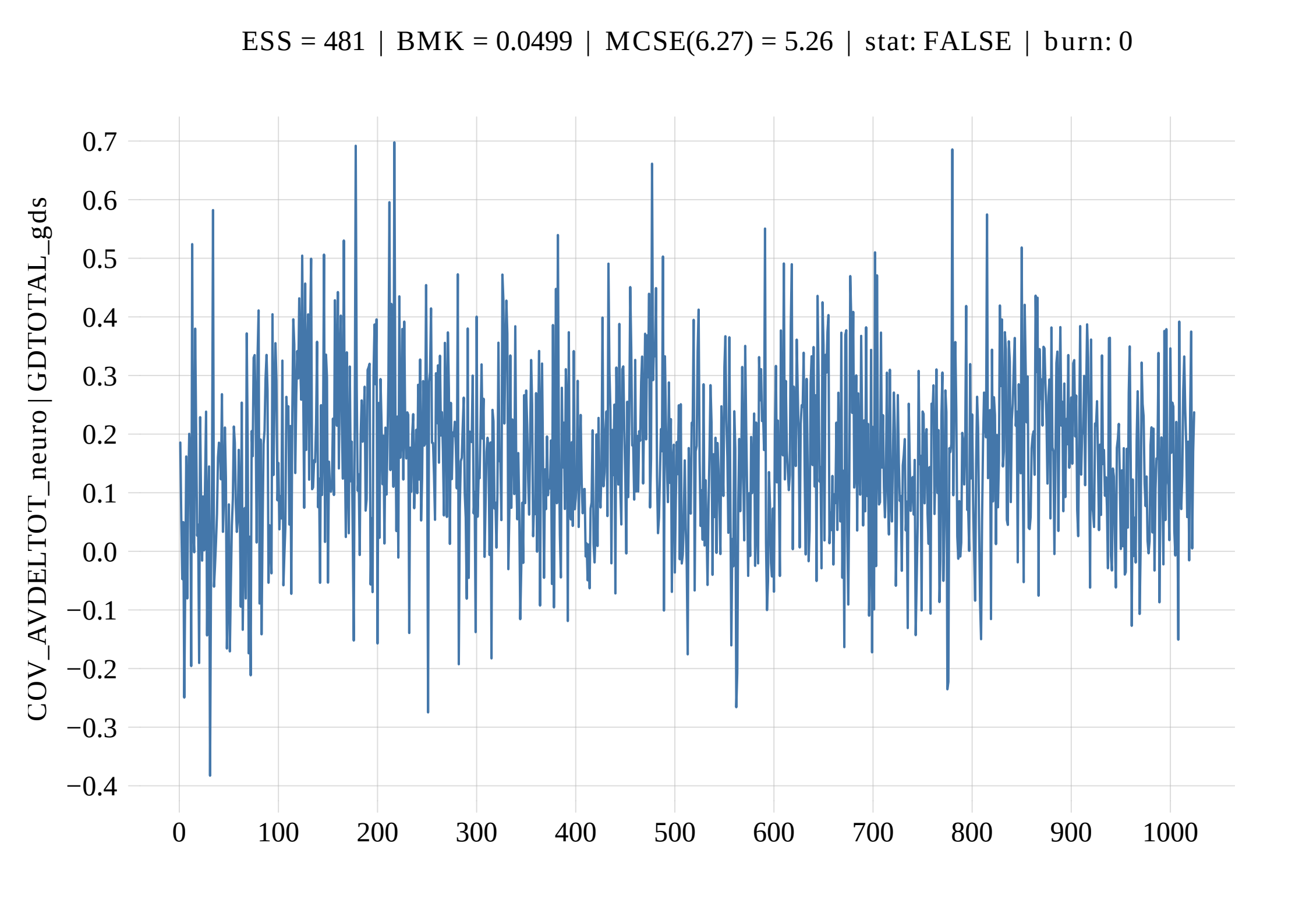

ESS = 822 | BMK = 0.0525 | MCSE(6.27) = 3.95 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro | Gender_num_
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0
100
200
300
400
500
600
700
800
900
1000

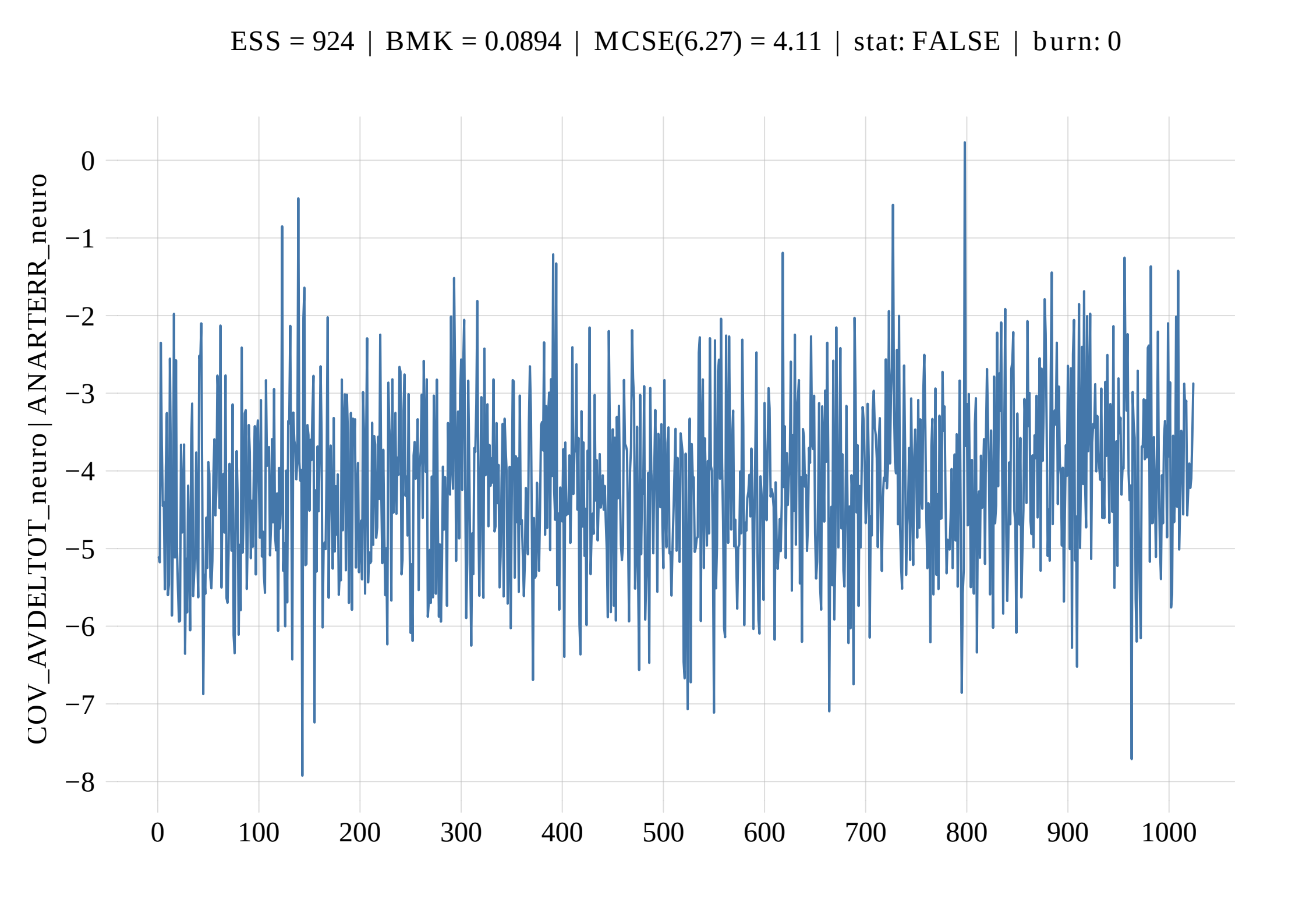

ESS = 1020 | BMK = 0.0736 | MCSE(6.27) = 3.48 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro | Apoe4_
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
0
100
200
300
400
500
600
700
800
900
1000

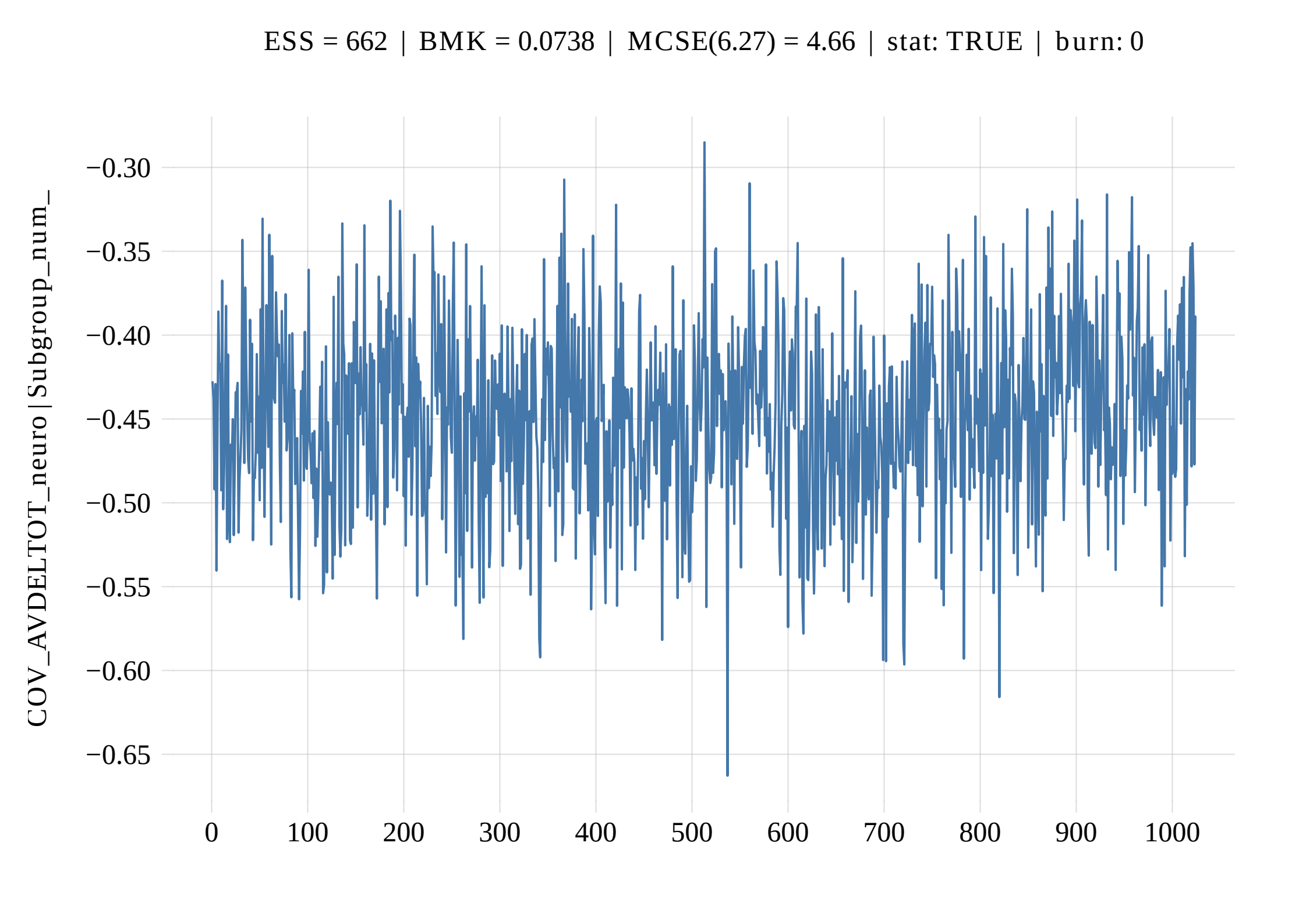

ESS = 1020 | BMK = 0.0565 | MCSE(6.27) = 2.78 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | TRAASCOR_neuro
−2
−4
−6
−8
−10
−12
−14
−16
0
100
200
300
400
500
600
700
800
900
1000

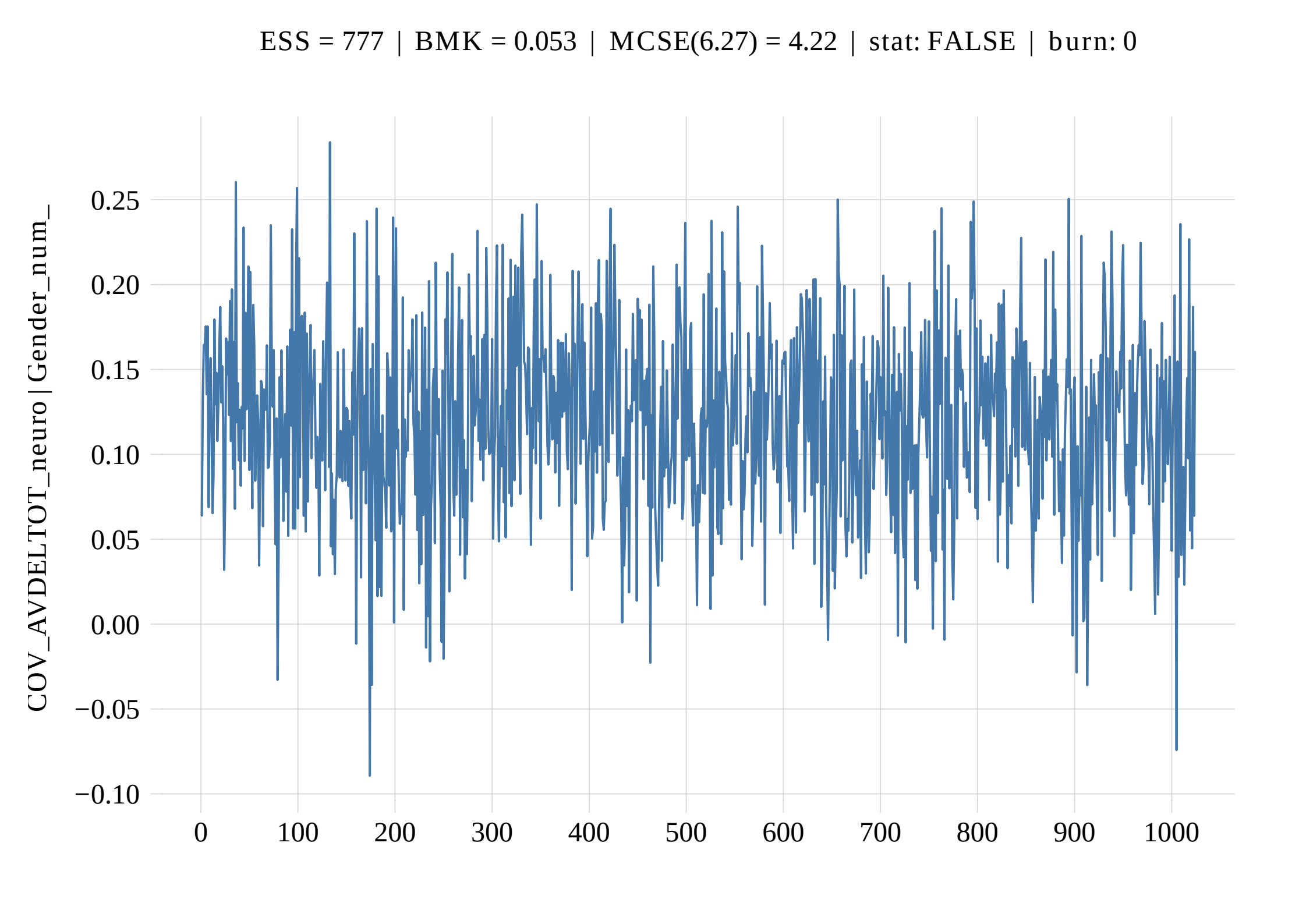

ESS = 1020 | BMK = 0.0561 | MCSE(6.27) = 3.13 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | TRABSCOR_neuro
−30
−35
−40
−45
−50
−55
−60
−65
−70
−75
−80
−85
0
100
200
300
400
500
600
700
800
900
1000

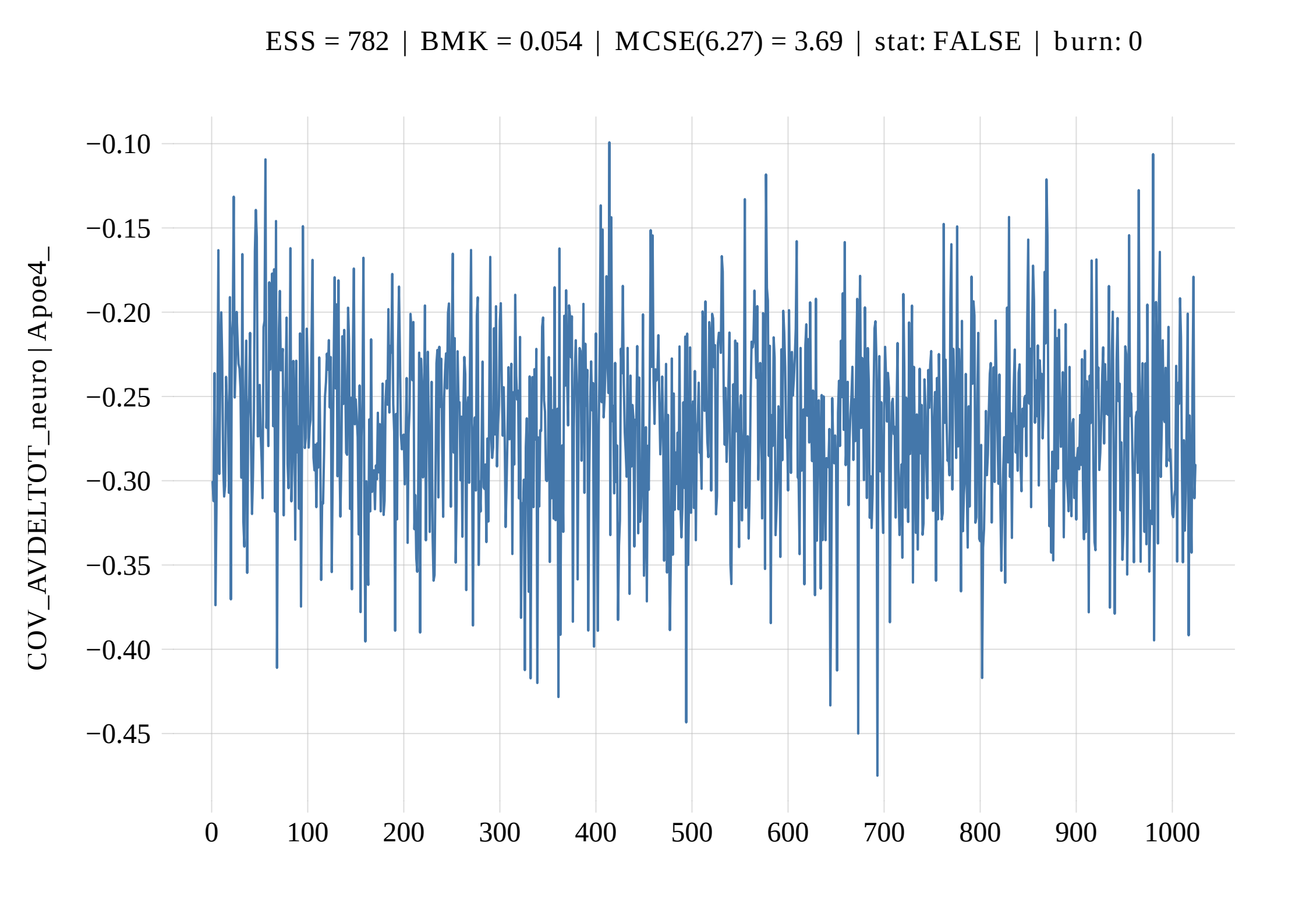

ESS = 1020 | BMK = 0.0456 | MCSE(6.27) = 3.3 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | CATANIMSC_neuro
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
0
100
200
300
400
500
600
700
800
900
1000

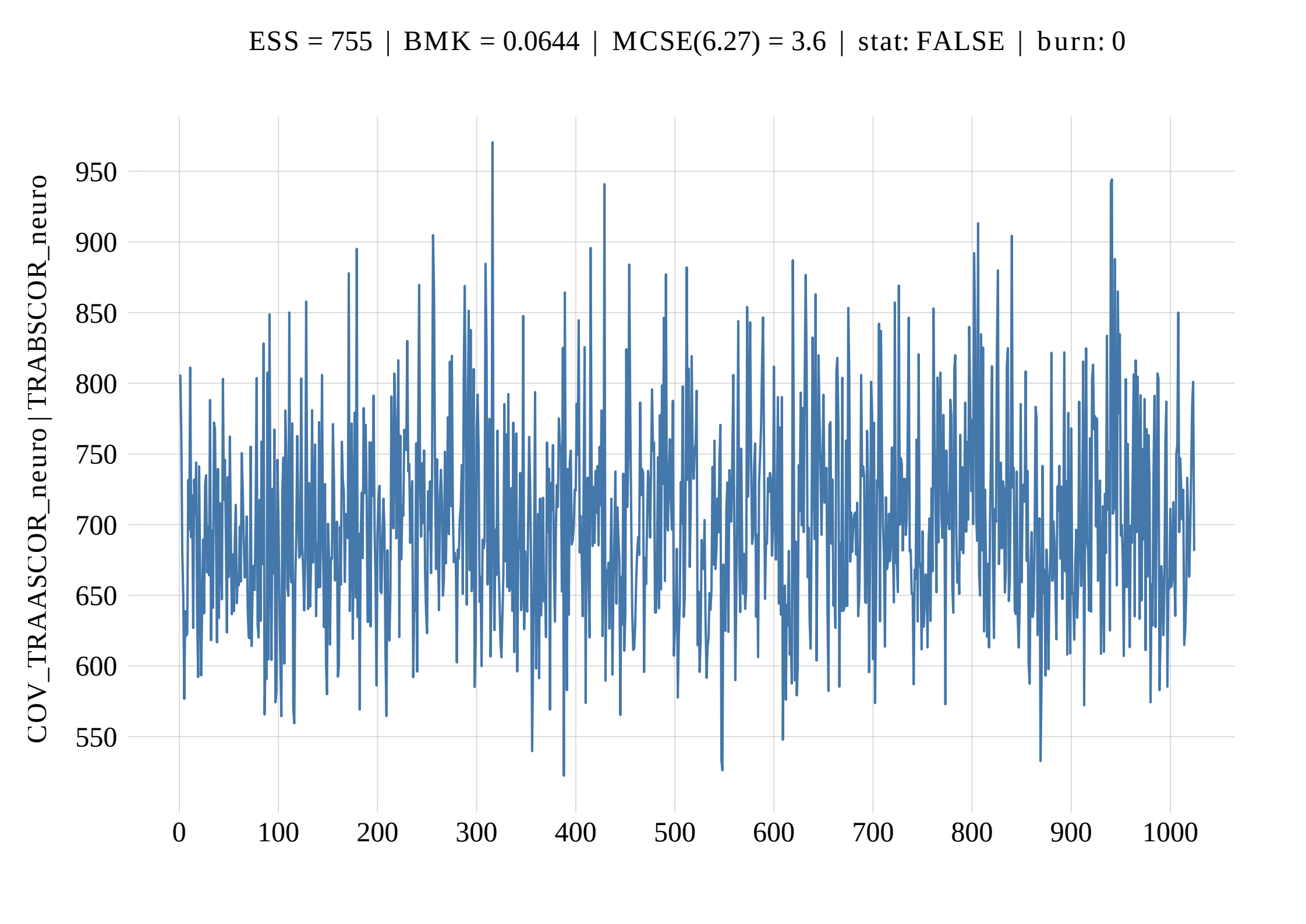

ESS = 481 | BMK = 0.0499 | MCSE(6.27) = 5.26 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | GDTOTAL_gds
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
100
200
300
400
500
600
700
800
900
1000

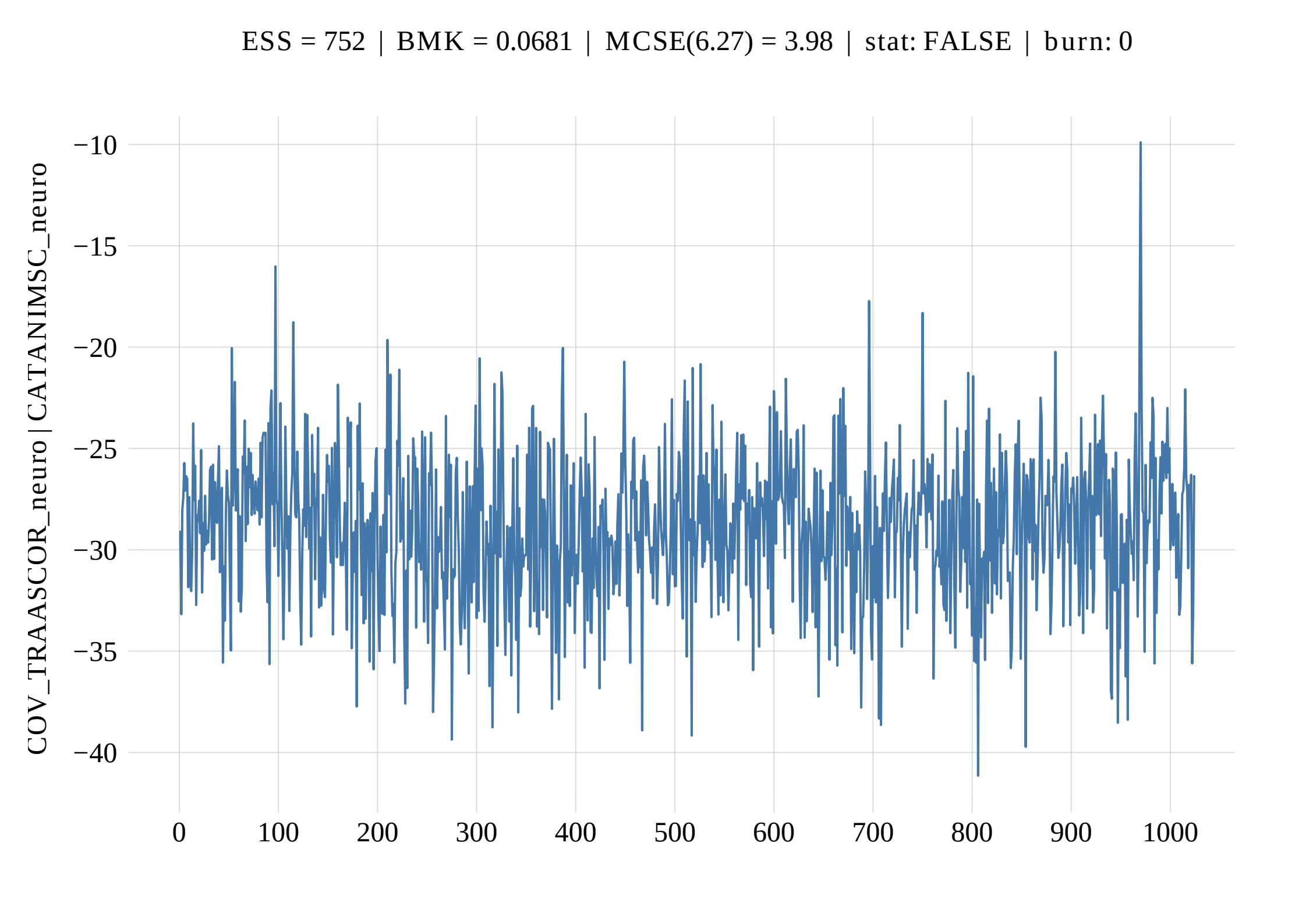

ESS = 924 | BMK = 0.0894 | MCSE(6.27) = 4.11 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | ANARTERR_neuro
0
−1
−2
−3
−4
−5
−6
−7
−8
0
100
200
300
400
500
600
700
800
900
1000

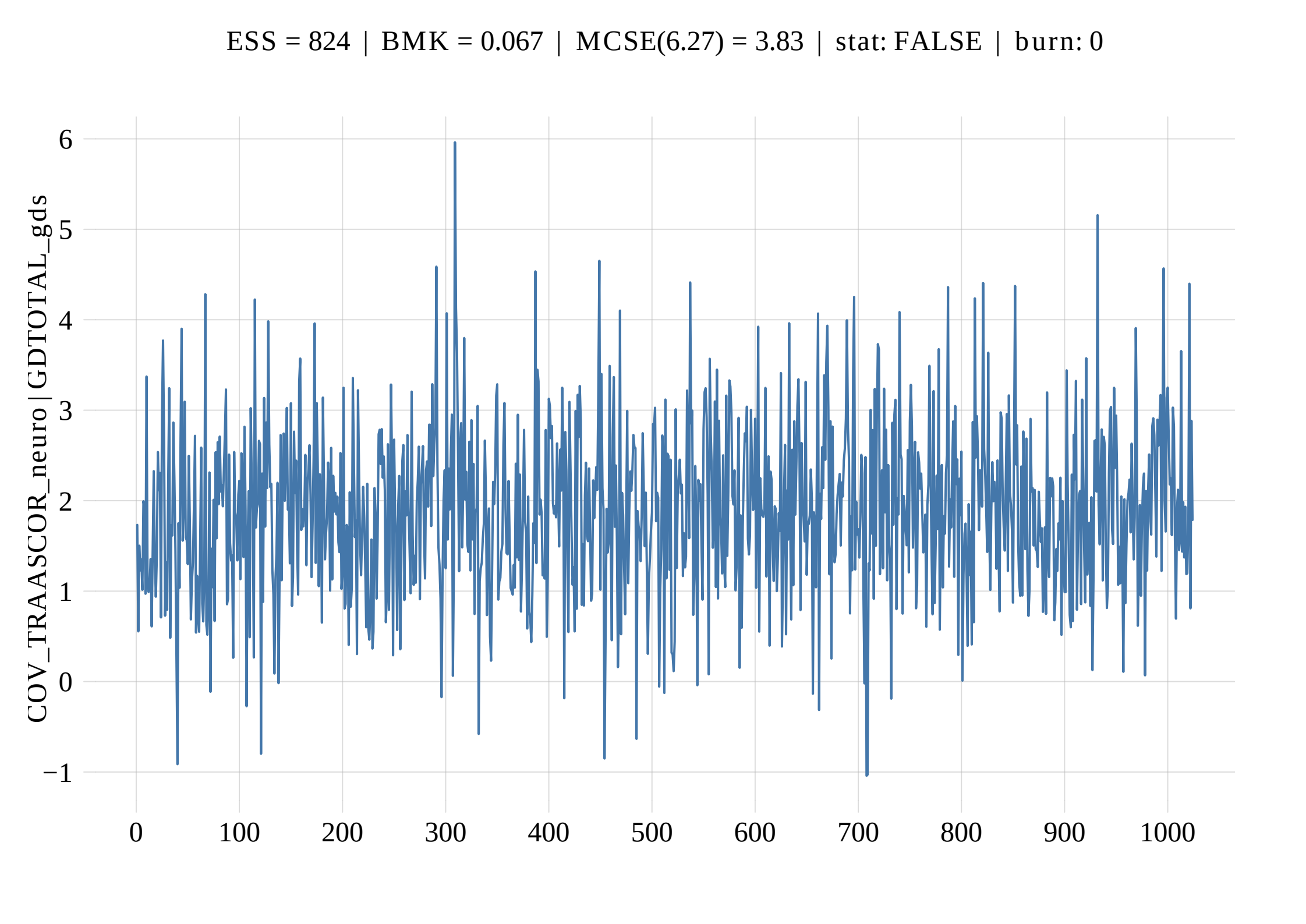

ESS = 662 | BMK = 0.0738 | MCSE(6.27) = 4.66 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro|Subgroup_num_
−0.30
−0.35
−0.40
−0.45
−0.50
−0.55
−0.60
−0.65
0
100
200
300
400
500
600
700
800
900
1000

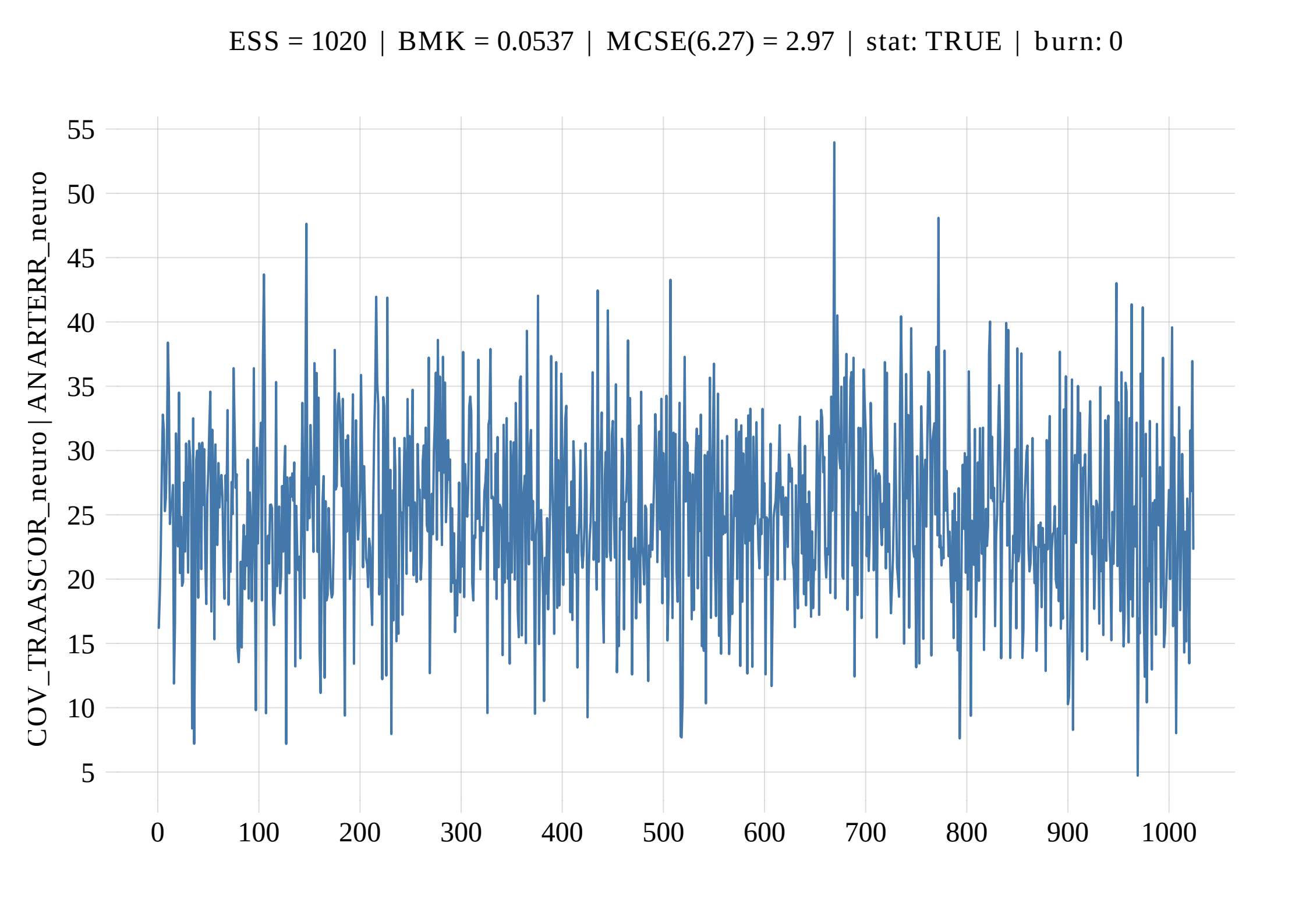

ESS = 777 | BMK = 0.053 | MCSE(6.27) = 4.22 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | Gender_num_
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
0
100
200
300
400
500
600
700
800
900
1000

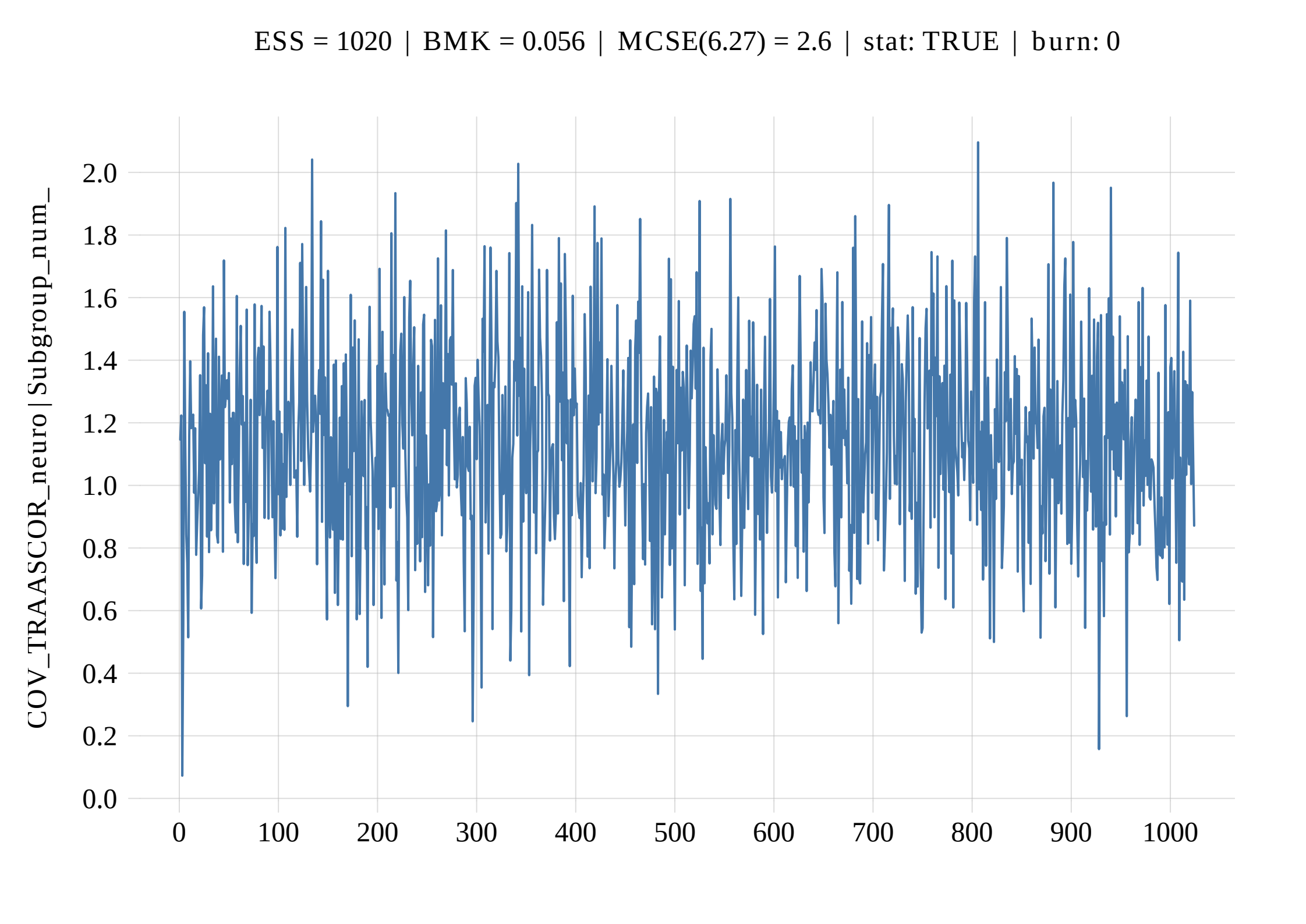

ESS = 782 | BMK = 0.054 | MCSE(6.27) = 3.69 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | Apoe4_
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
0
100
200
300
400
500
600
700
800
900
1000

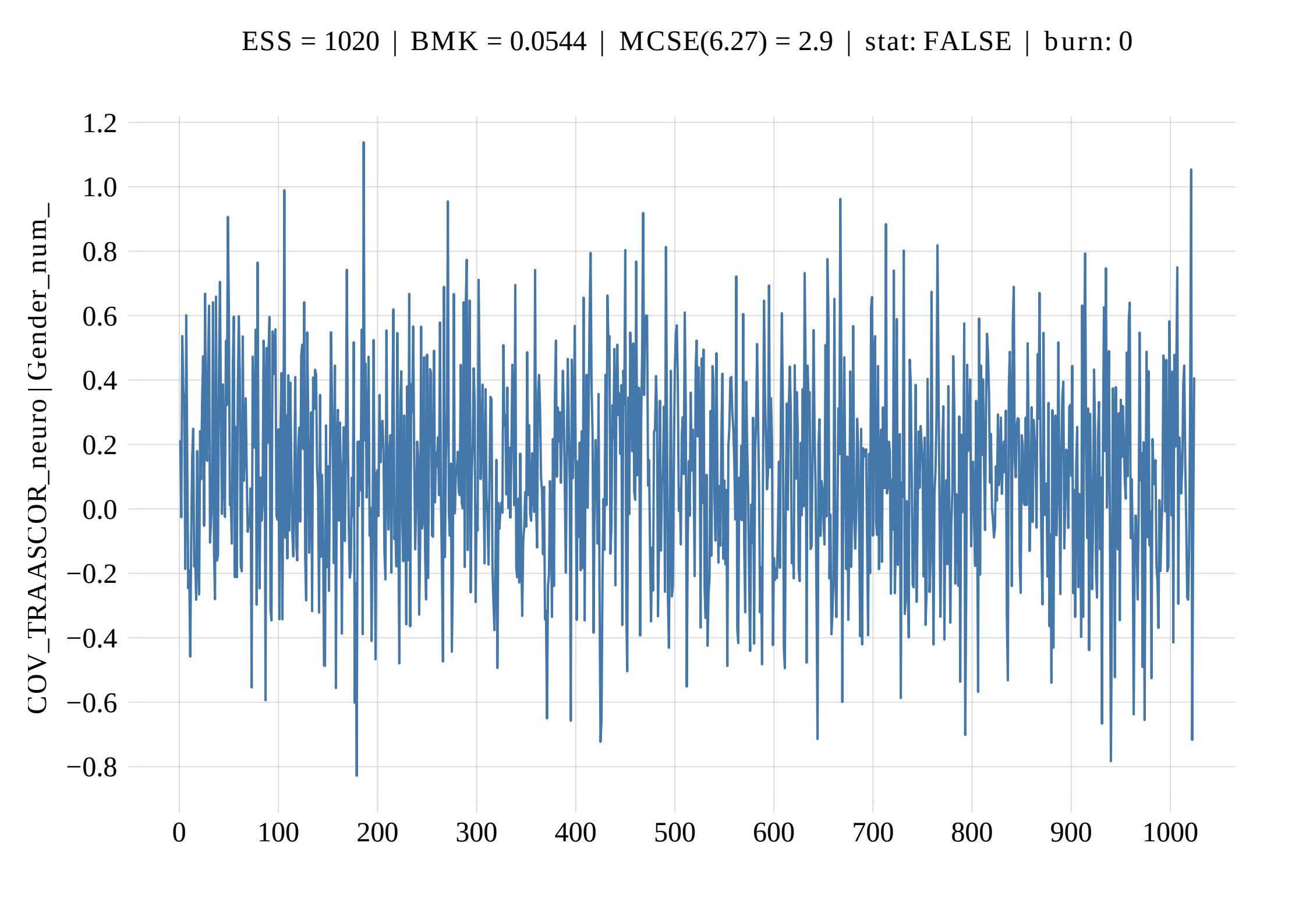

ESS = 755 | BMK = 0.0644 | MCSE(6.27) = 3.6 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro | TRABSCOR_neuro
950
900
850
800
750
700
650
600
550
0
100
200
300
400
500
600
700
800
900
1000

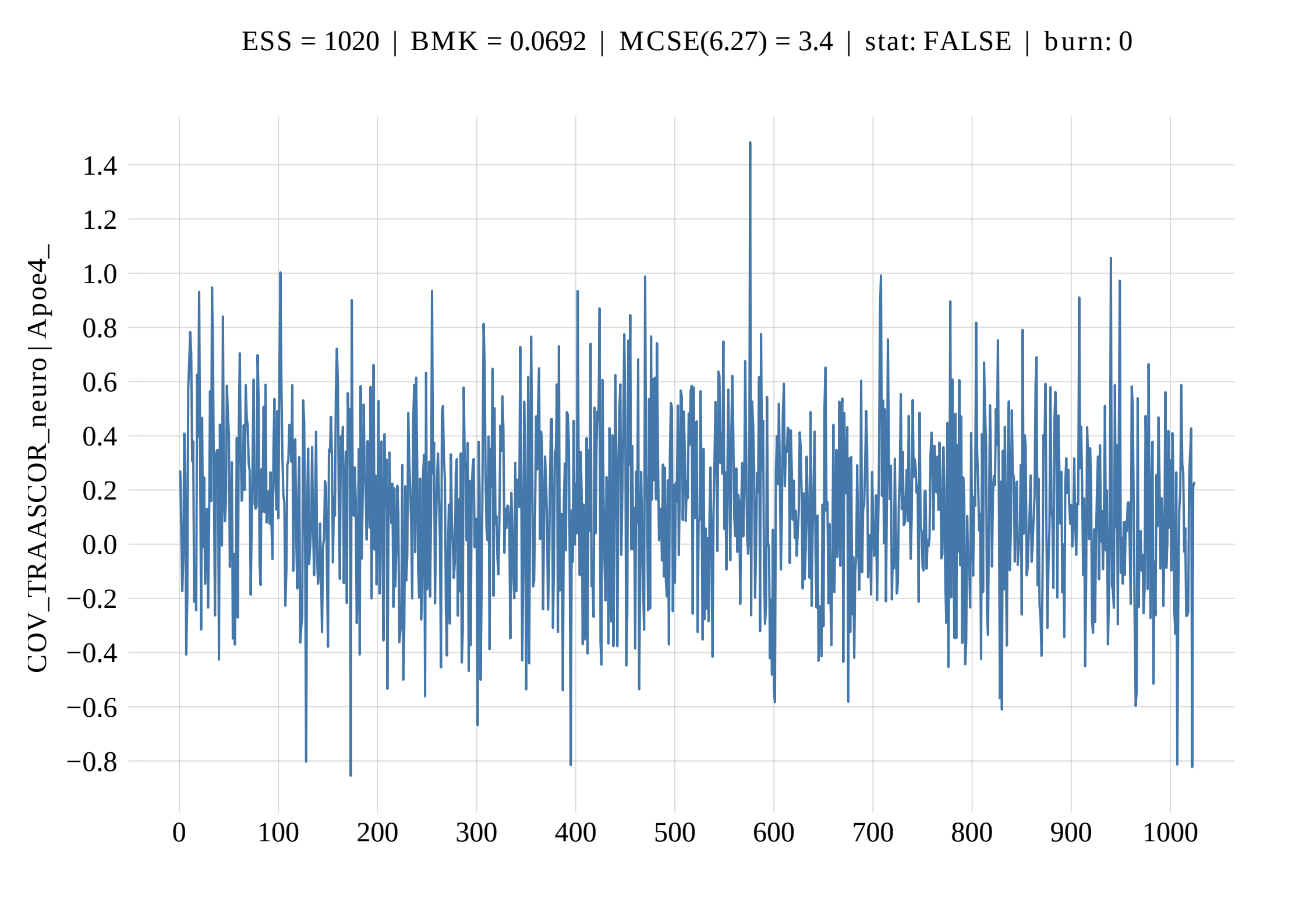

ESS = 752 | BMK = 0.0681 | MCSE(6.27) = 3.98 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro | CATANIMSC_neuro
−10
−15
−20
−25
−30
−35
−40
0
100
200
300
400
500
600
700
800
900
1000

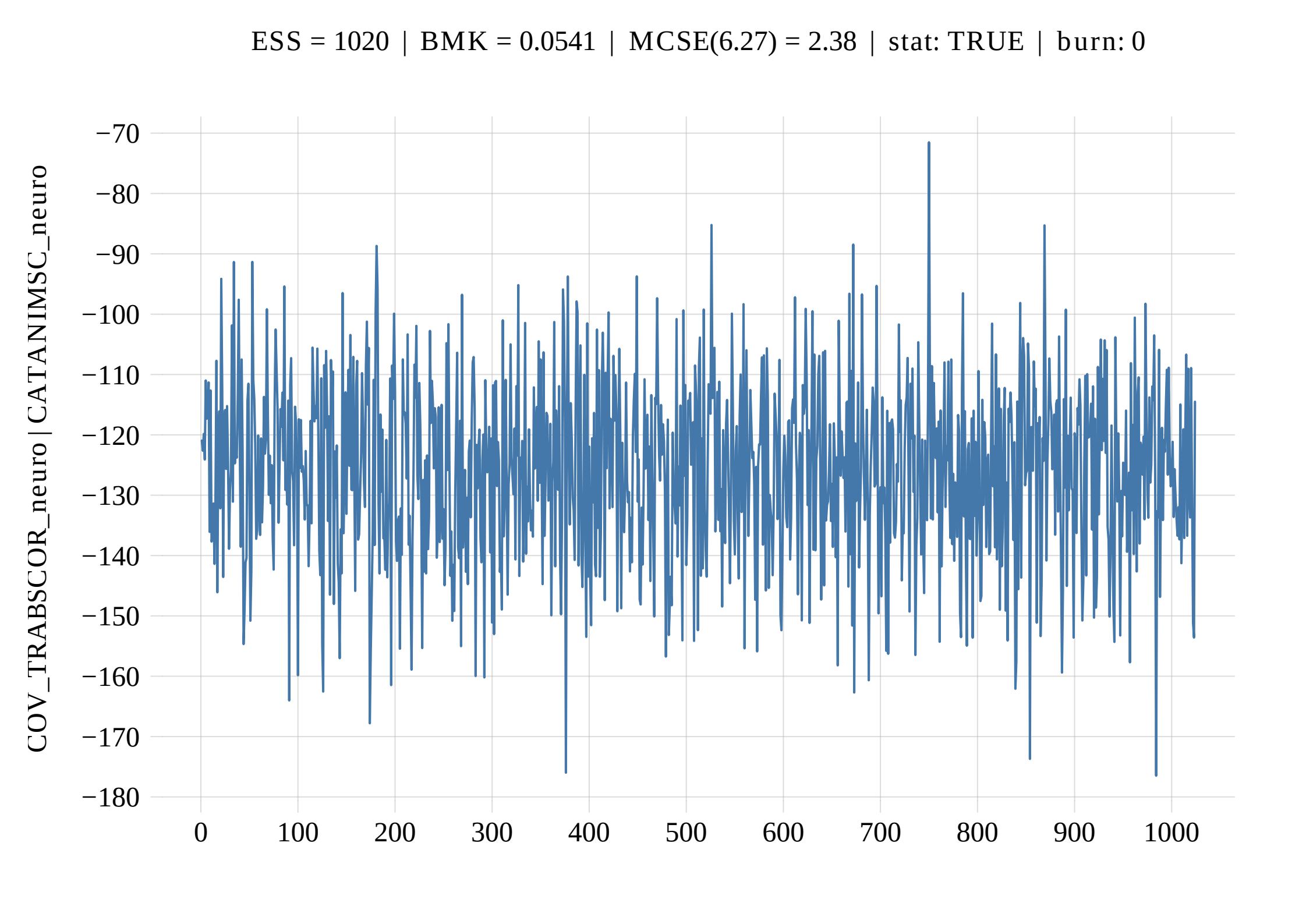

ESS = 824 | BMK = 0.067 | MCSE(6.27) = 3.83 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro|GDTOTAL_gds
6
5
4
3
2
1
0
−1
0
100
200
300
400
500
600
700
800
900
1000

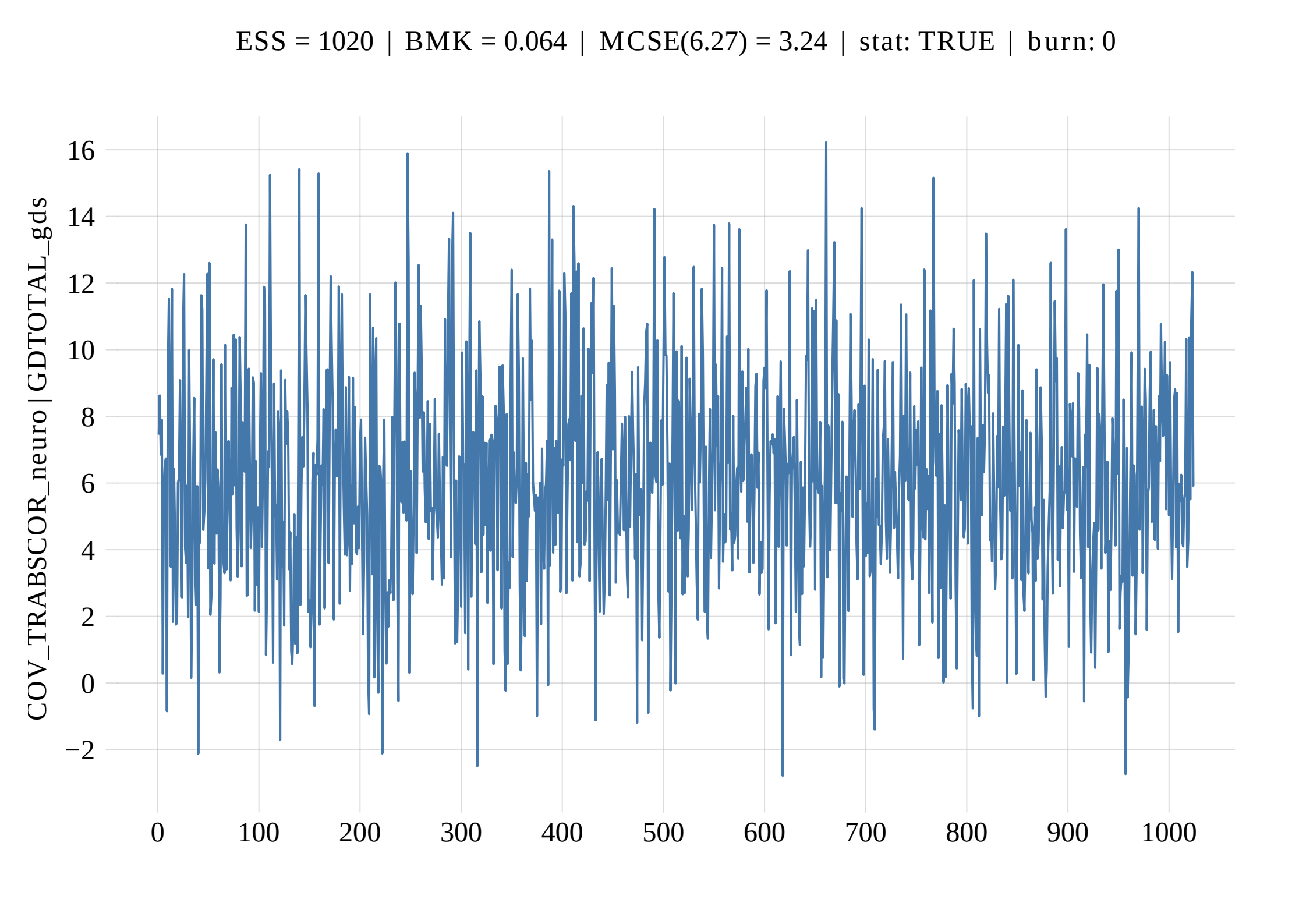

ESS = 1020 | BMK = 0.0537 | MCSE(6.27) = 2.97 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro | ANARTERR_neuro
55
50
45
40
35
30
25
20
15
10
5
0
100
200
300
400
500
600
700
800
900
1000

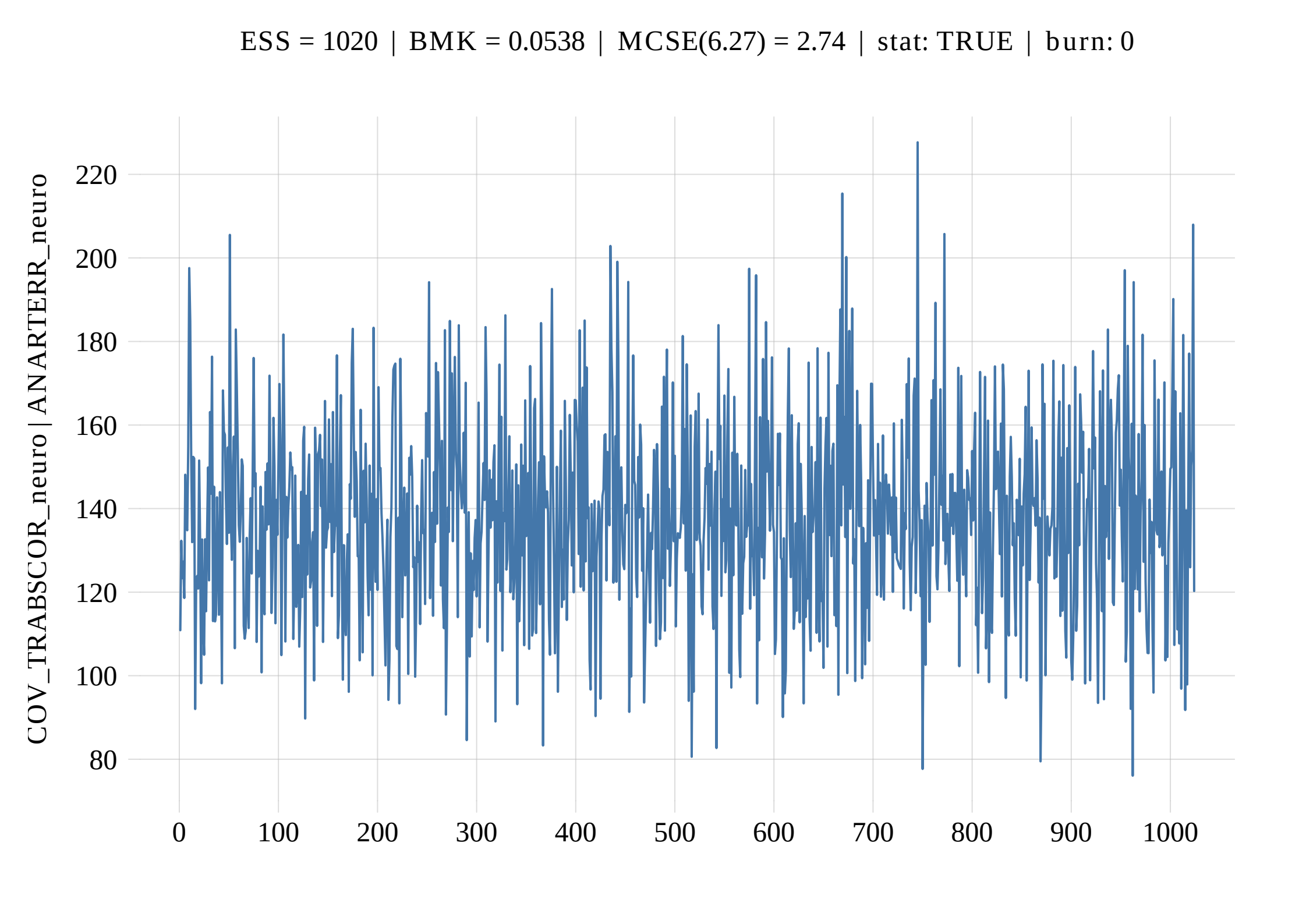

ESS = 1020 | BMK = 0.056 | MCSE(6.27) = 2.6 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|Subgroup_num_
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
100
200
300
400
500
600
700
800
900
1000

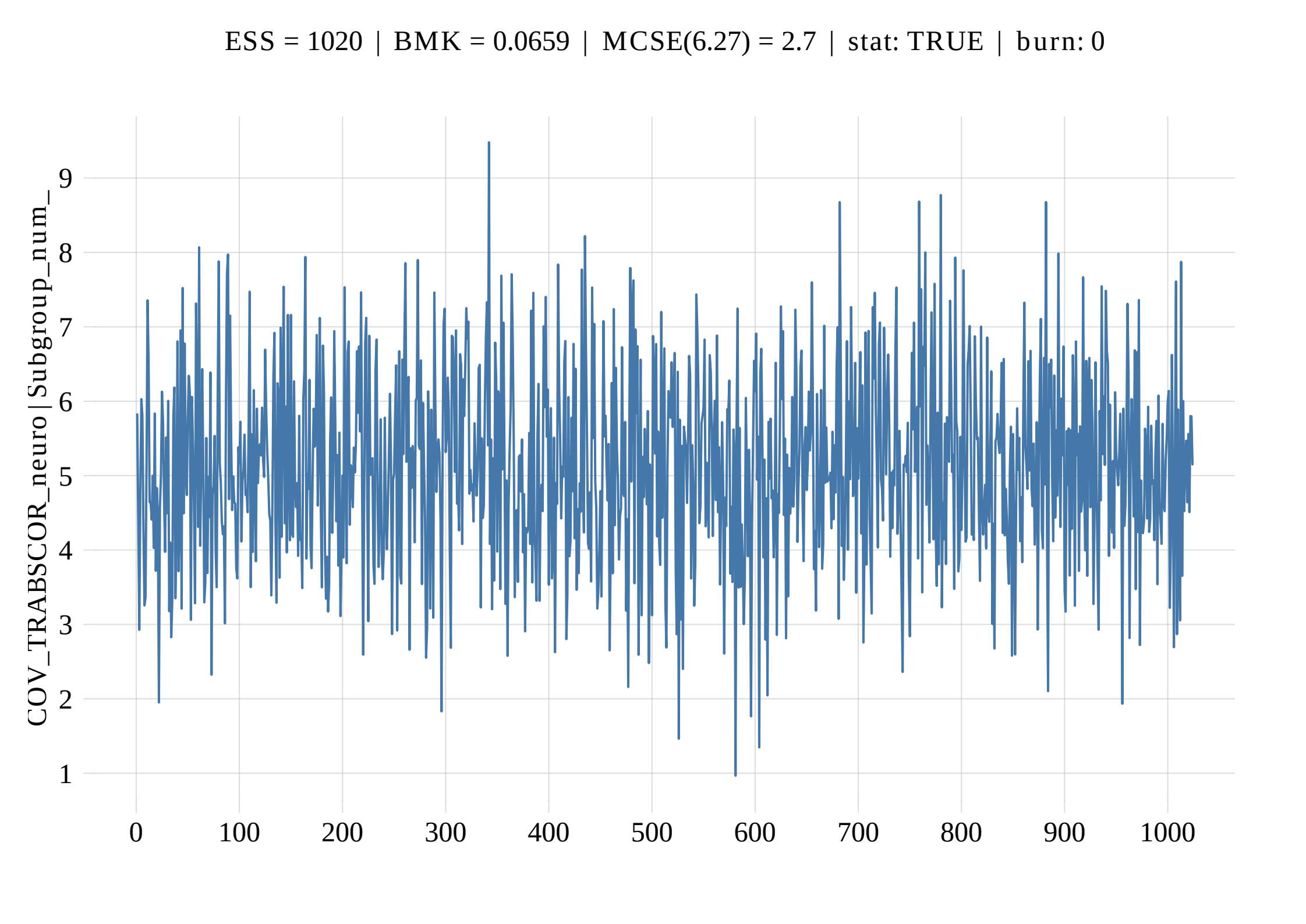

ESS = 1020 | BMK = 0.0544 | MCSE(6.27) = 2.9 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro|Gender_num_
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
100
200
300
400
500
600
700
800
900
1000

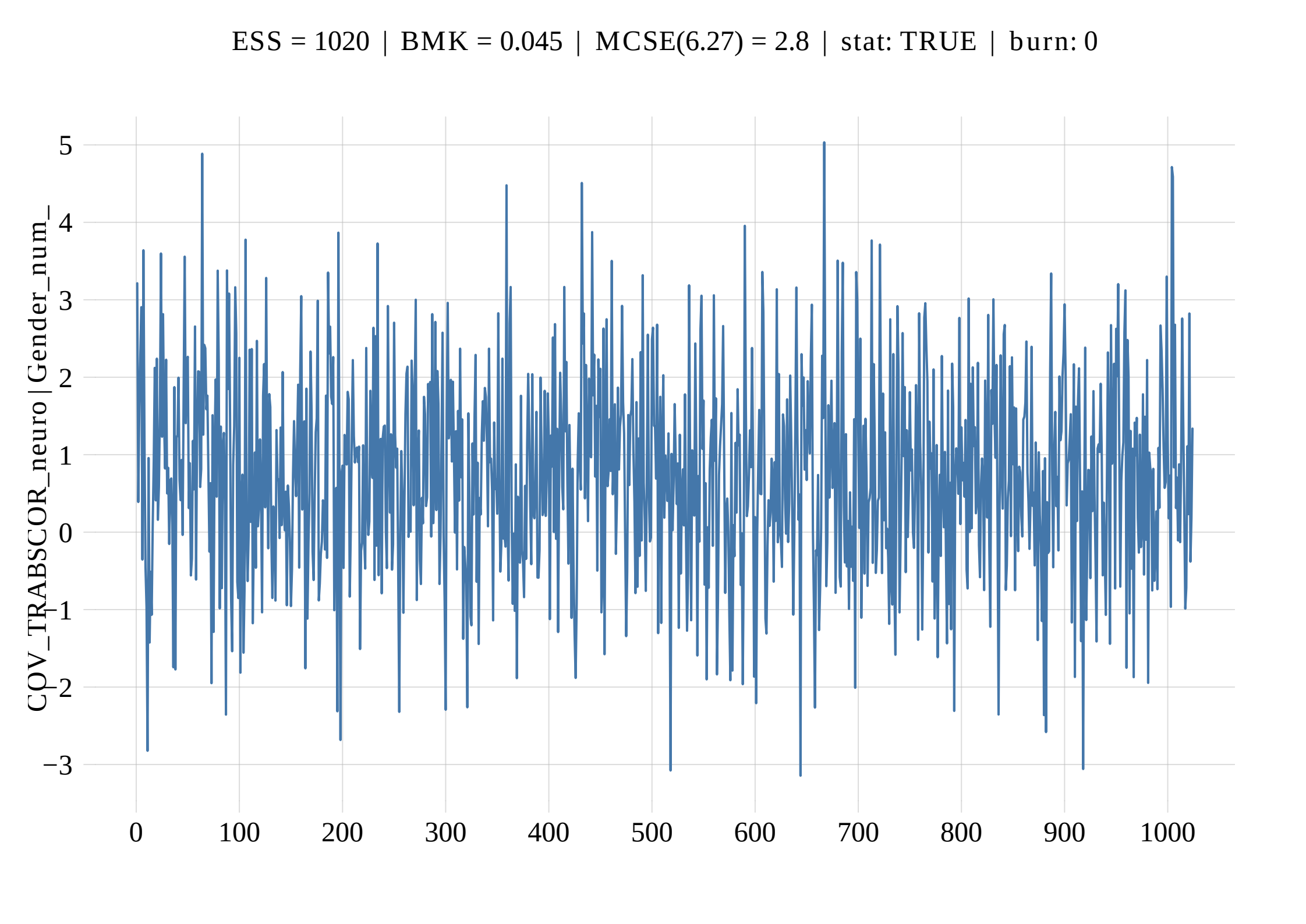

ESS = 1020 | BMK = 0.0692 | MCSE(6.27) = 3.4 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro | Apoe4_
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
100
200
300
400
500
600
700
800
900
1000

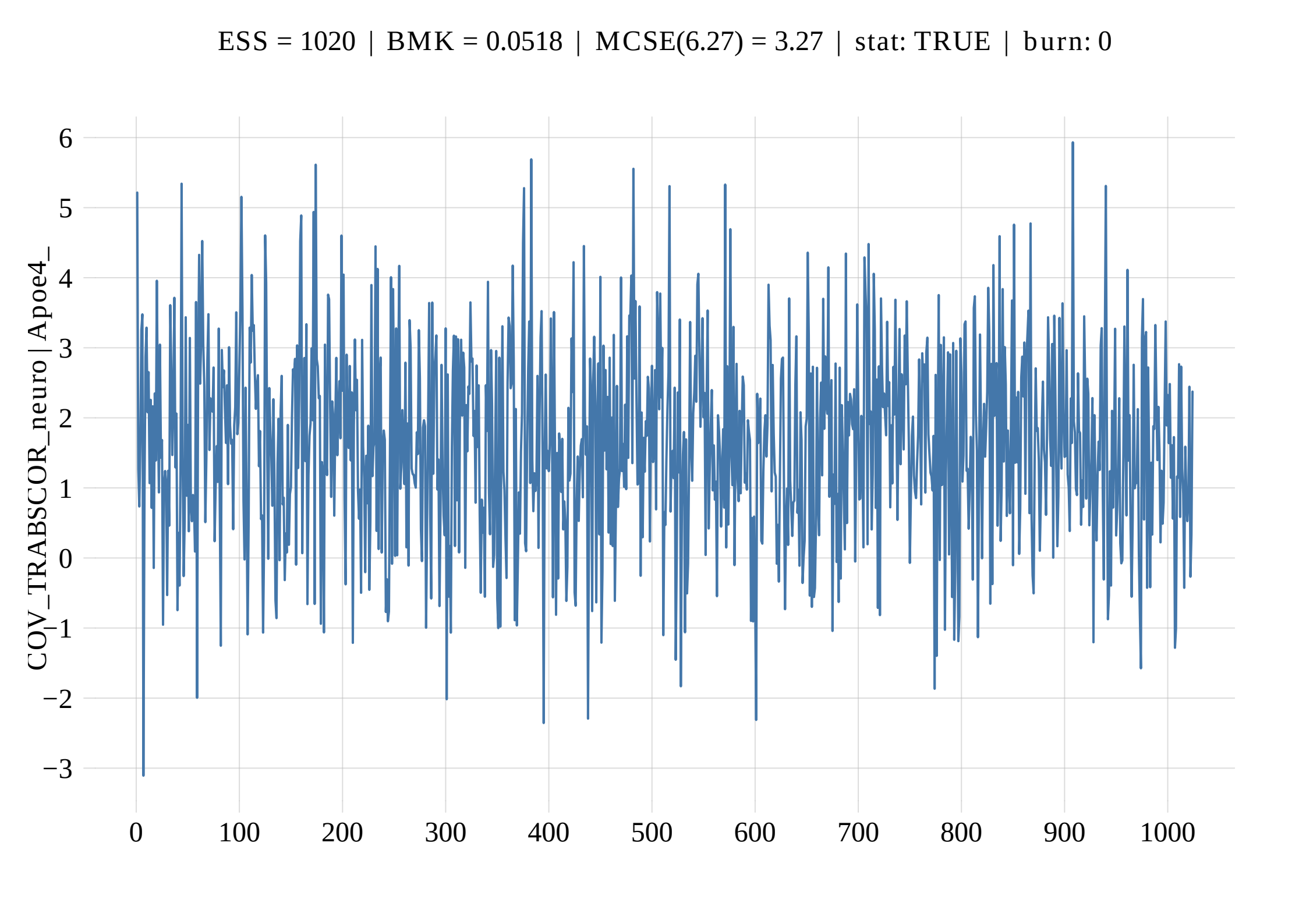

ESS = 1020 | BMK = 0.0541 | MCSE(6.27) = 2.38 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro | CATANIMSC_neuro
−70
−80
−90
−100
−110
−120
−130
−140
−150
−160
−170
−180
0
100
200
300
400
500
600
700
800
900
1000

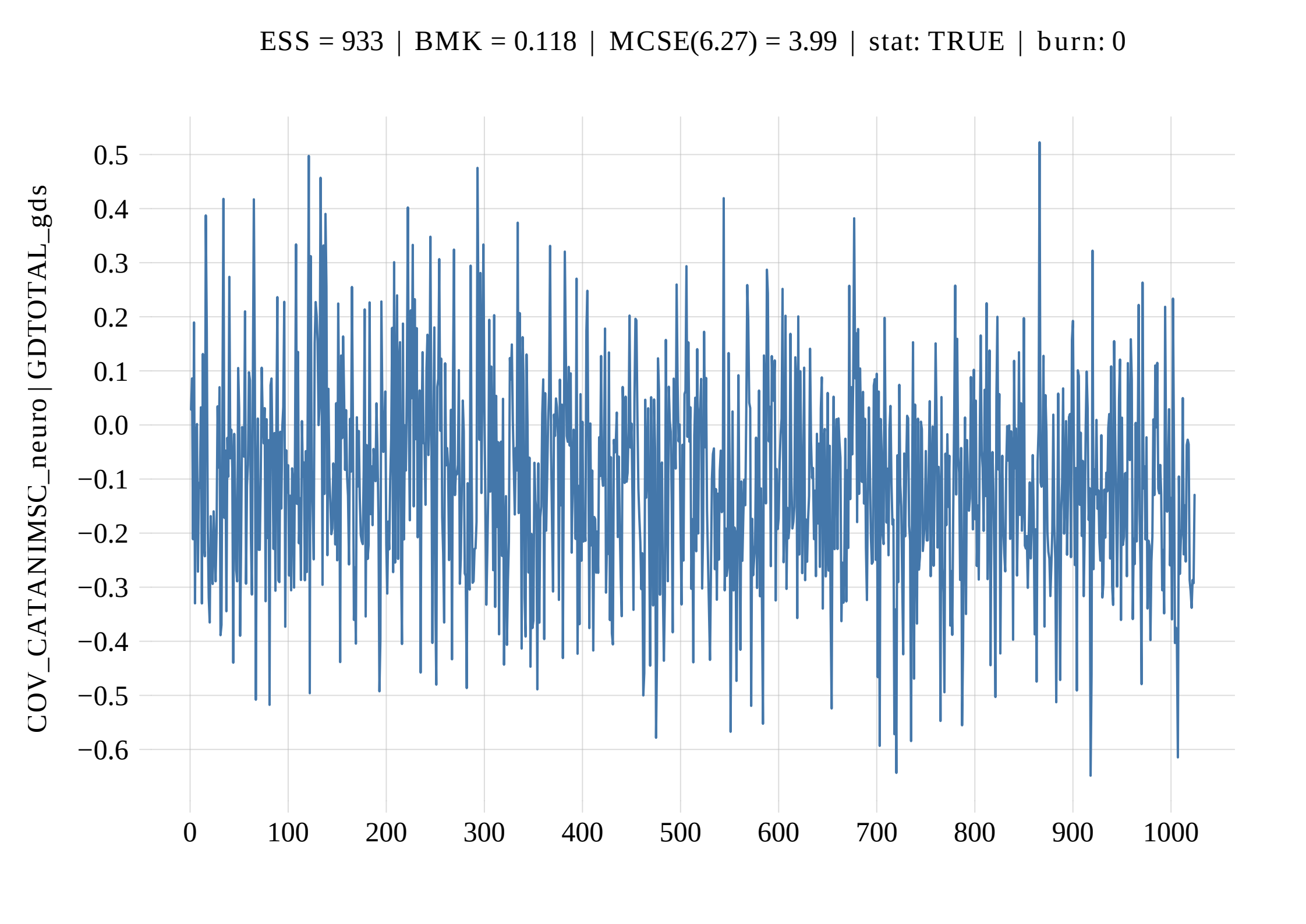

ESS = 1020 | BMK = 0.064 | MCSE(6.27) = 3.24 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|GDTOTAL_gds
16
14
12
10
8
6
4
2
0
−2
0
100
200
300
400
500
600
700
800
900
1000

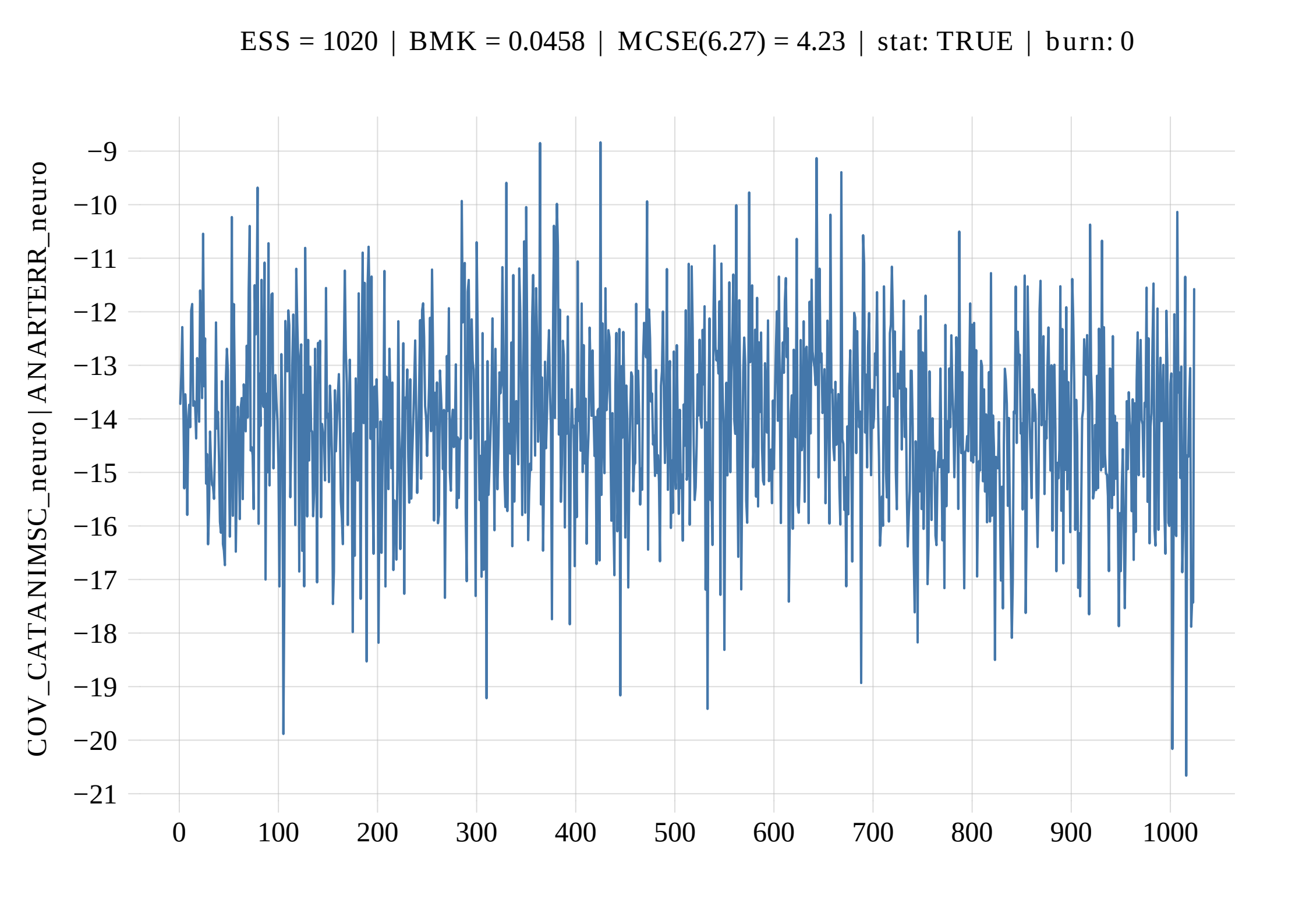

ESS = 1020 | BMK = 0.0538 | MCSE(6.27) = 2.74 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro | ANARTERR_neuro
220
200
180
160
140
120
100
80
0
100
200
300
400
500
600
700
800
900
1000

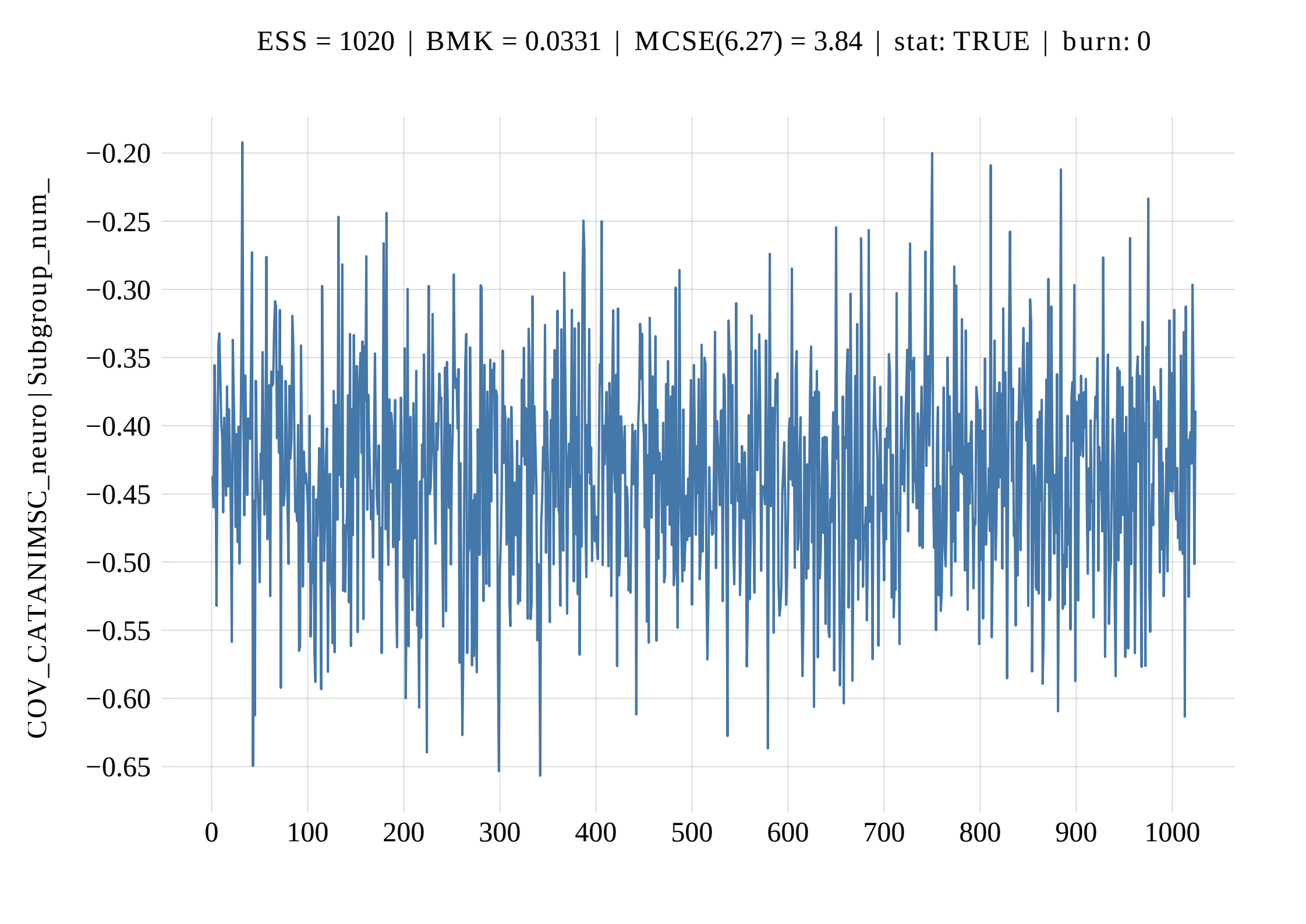

ESS = 1020 | BMK = 0.0659 | MCSE(6.27) = 2.7 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|Subgroup_num_
1
2
3
4
5
6
7
8
9
0
100
200
300
400
500
600
700
800
900
1000

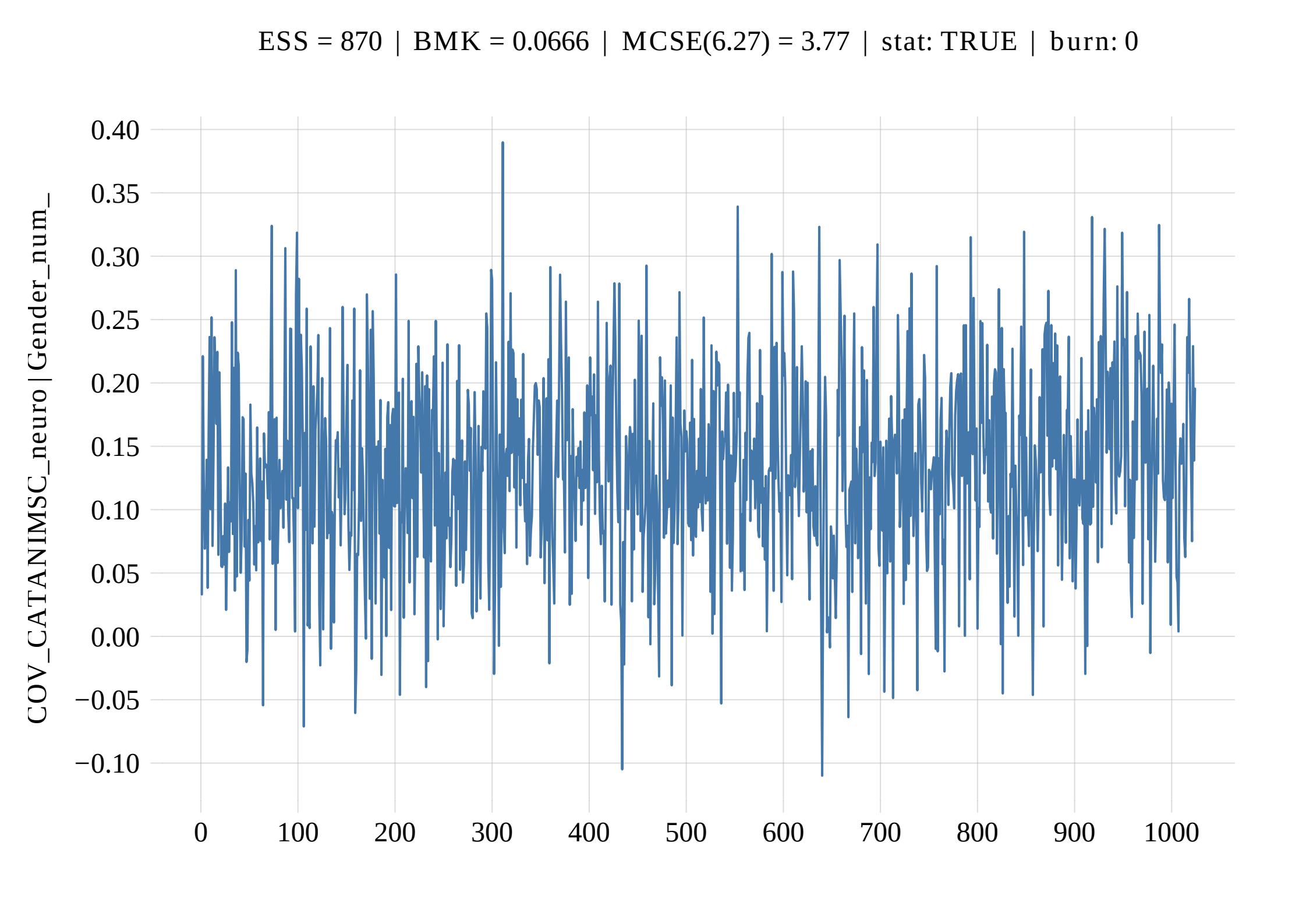

ESS = 1020 | BMK = 0.045 | MCSE(6.27) = 2.8 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|Gender_num_
5
4
3
2
1
0
−1
−2
−3
0
100
200
300
400
500
600
700
800
900
1000

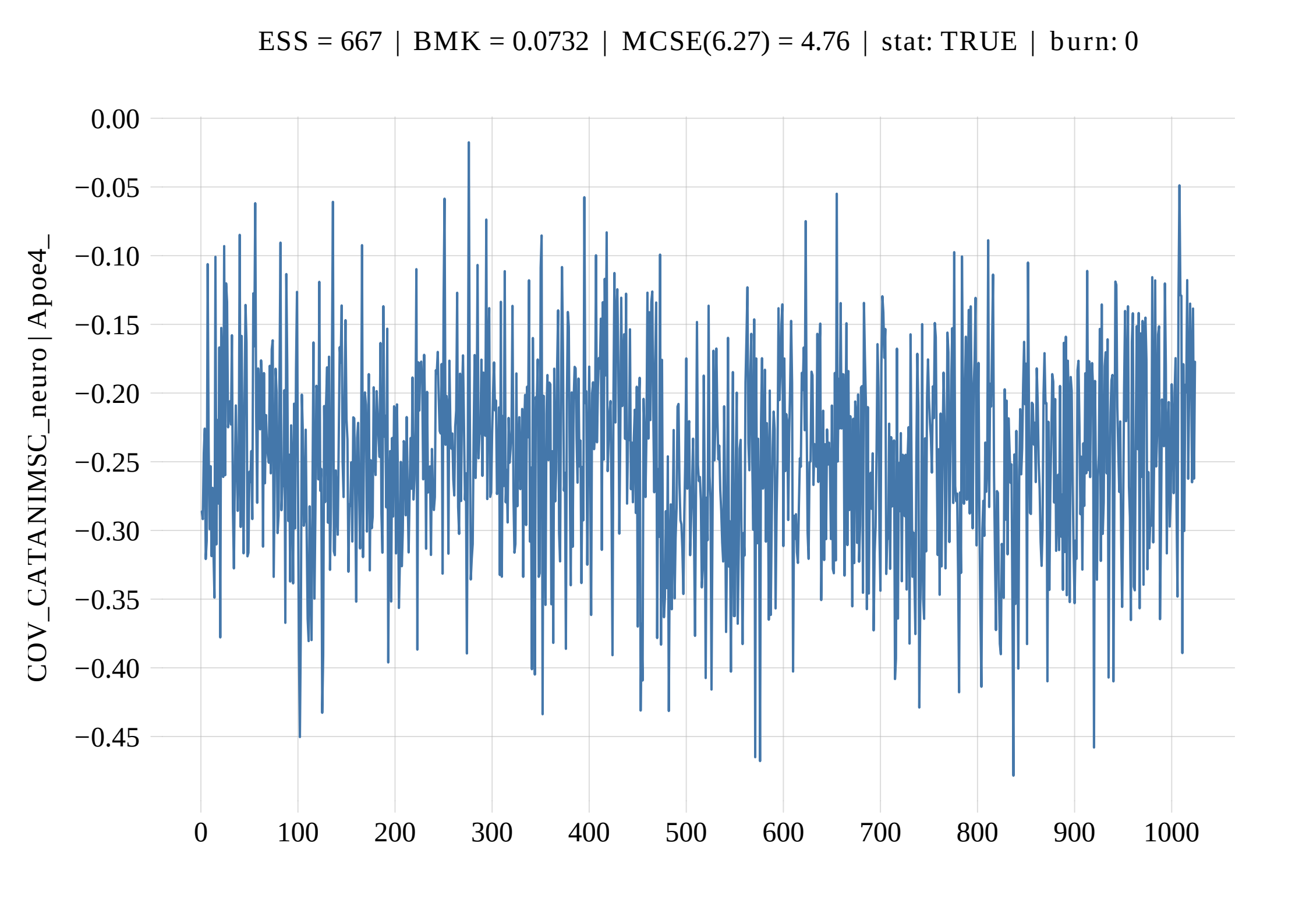

ESS = 1020 | BMK = 0.0518 | MCSE(6.27) = 3.27 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro | Apoe4_
6
5
4
3
2
1
0
−1
−2
−3
0
100
200
300
400
500
600
700
800
900
1000

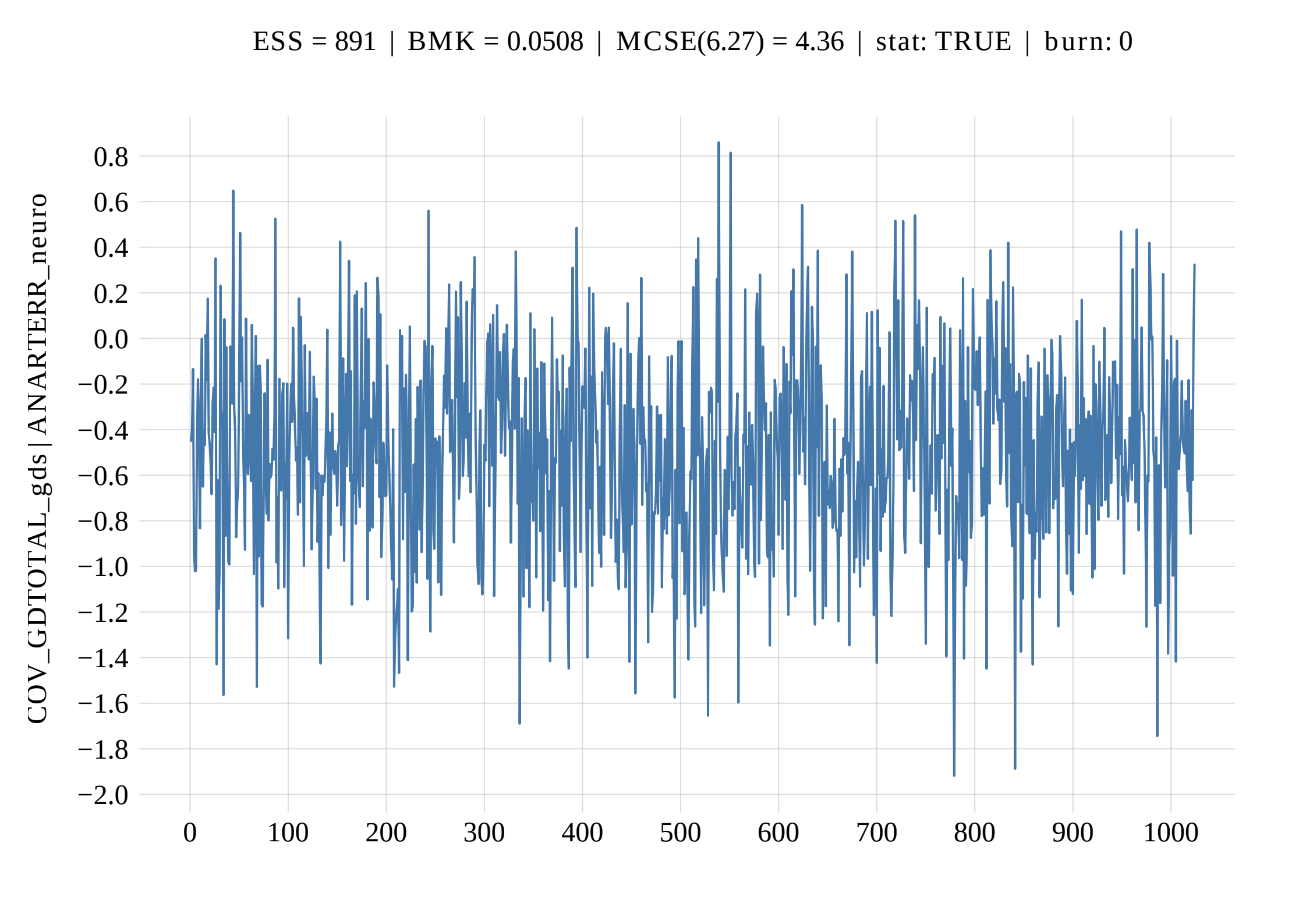

ESS = 933 | BMK = 0.118 | MCSE(6.27) = 3.99 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro|GDTOTAL_gds
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
0
100
200
300
400
500
600
700
800
900
1000

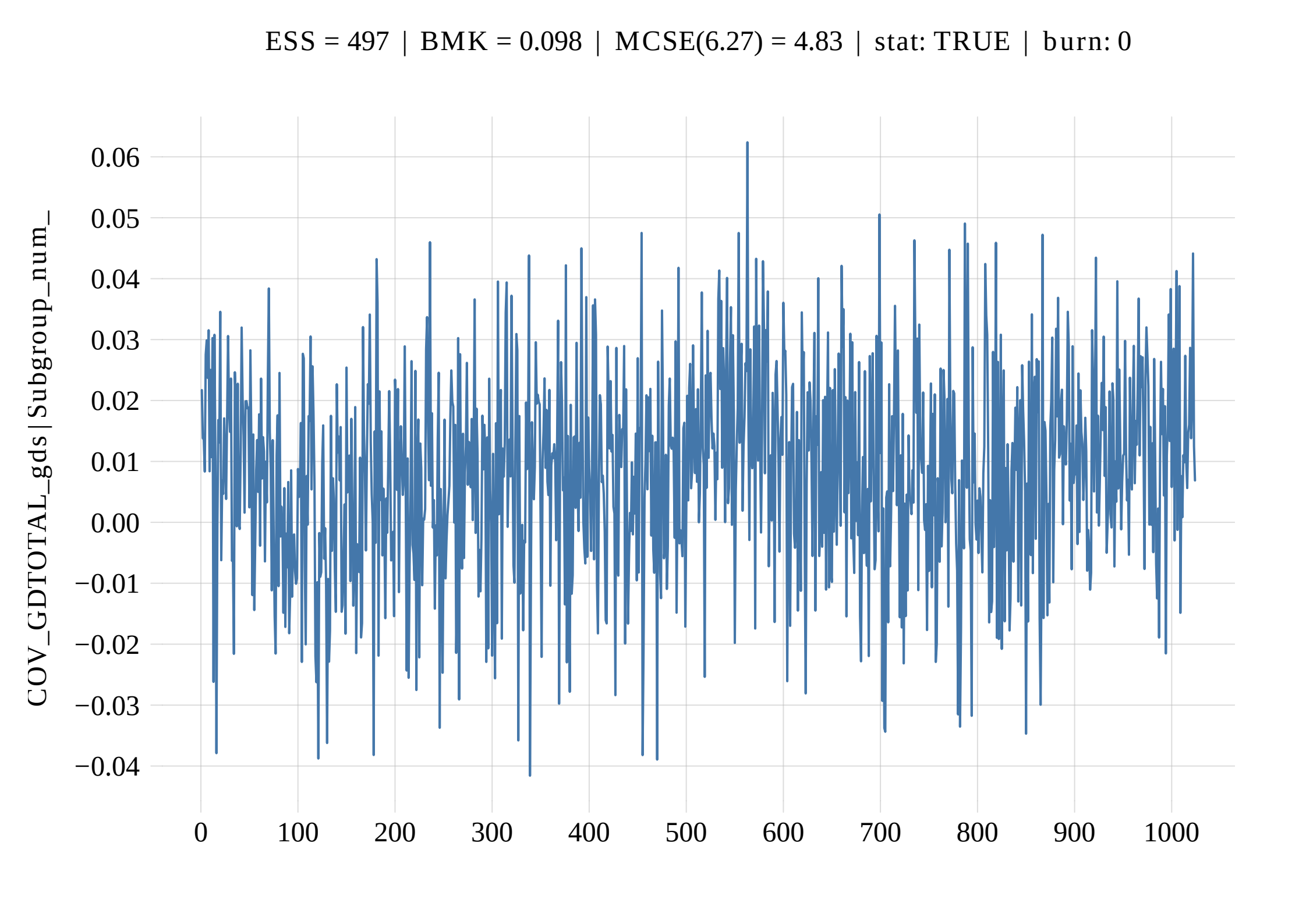

ESS = 1020 | BMK = 0.0458 | MCSE(6.27) = 4.23 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro | ANARTERR_neuro
−9
−10
−11
−12
−13
−14
−15
−16
−17
−18
−19
−20
−21
0
100
200
300
400
500
600
700
800
900
1000

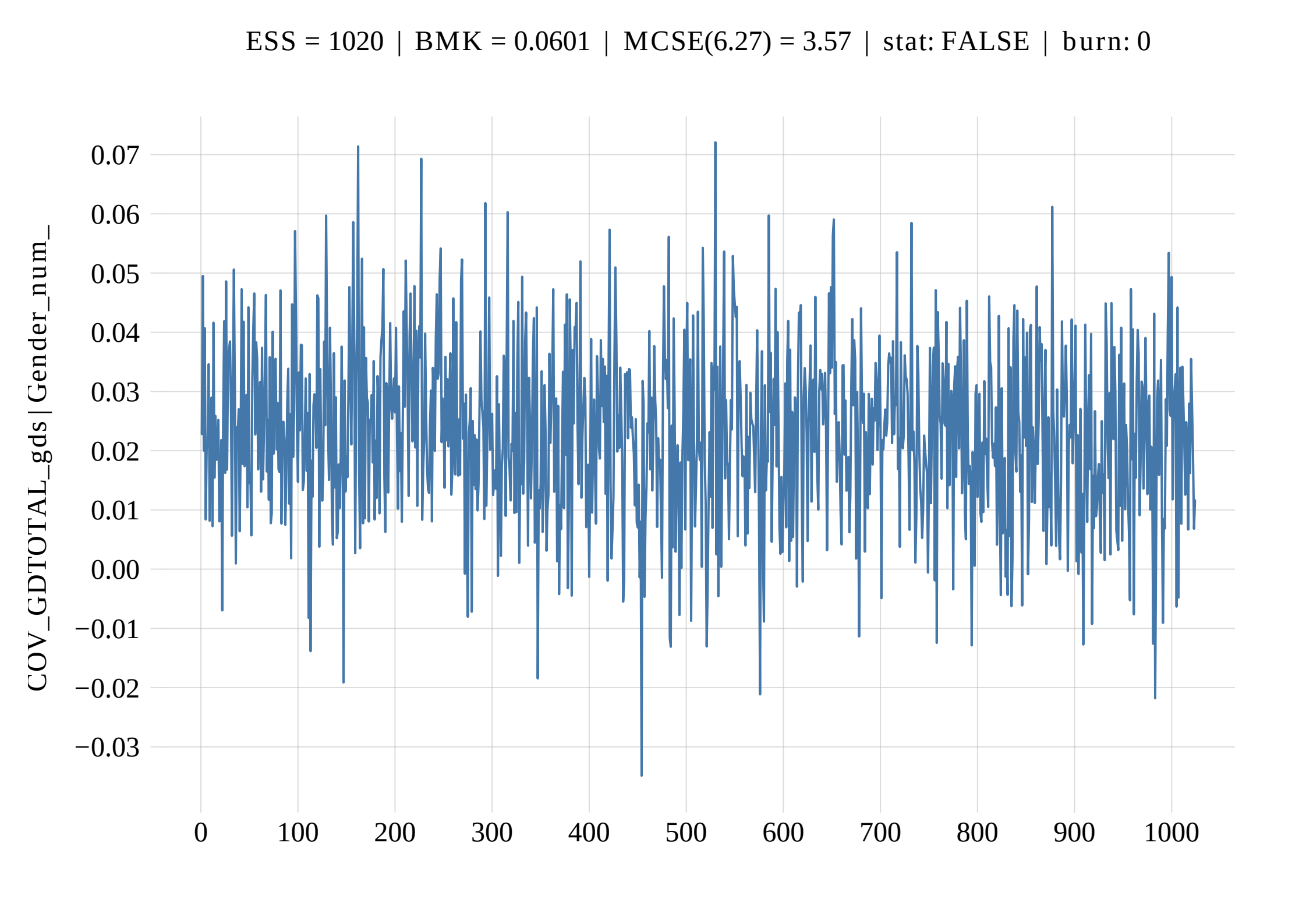

ESS = 1020 | BMK = 0.0331 | MCSE(6.27) = 3.84 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro|Subgroup_num_
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
−0.55
−0.60
−0.65
0
100
200
300
400
500
600
700
800
900
1000

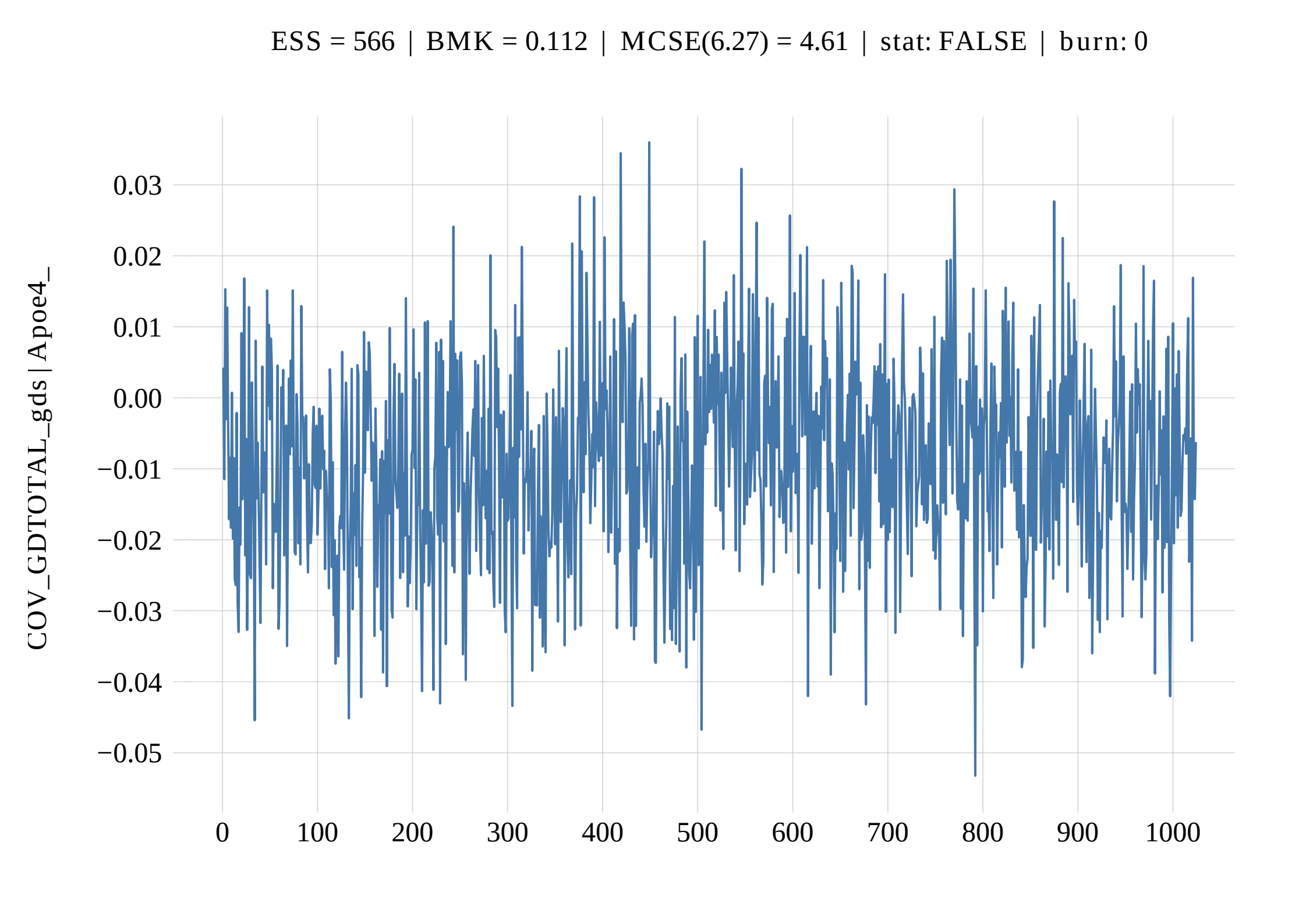

ESS = 870 | BMK = 0.0666 | MCSE(6.27) = 3.77 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro|Gender_num_
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
0
100
200
300
400
500
600
700
800
900
1000

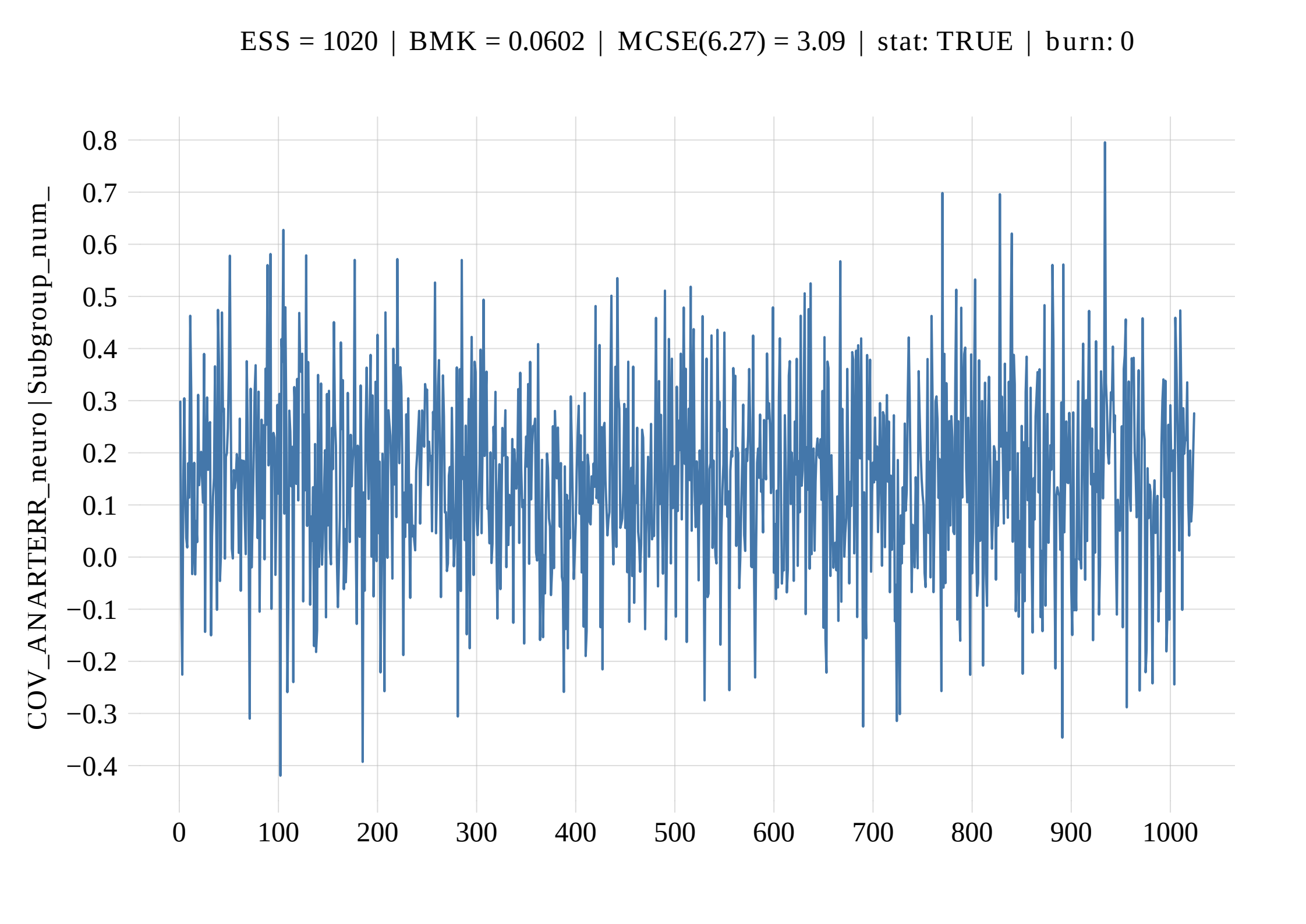

ESS = 667 | BMK = 0.0732 | MCSE(6.27) = 4.76 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro | Apoe4_
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
0
100
200
300
400
500
600
700
800
900
1000

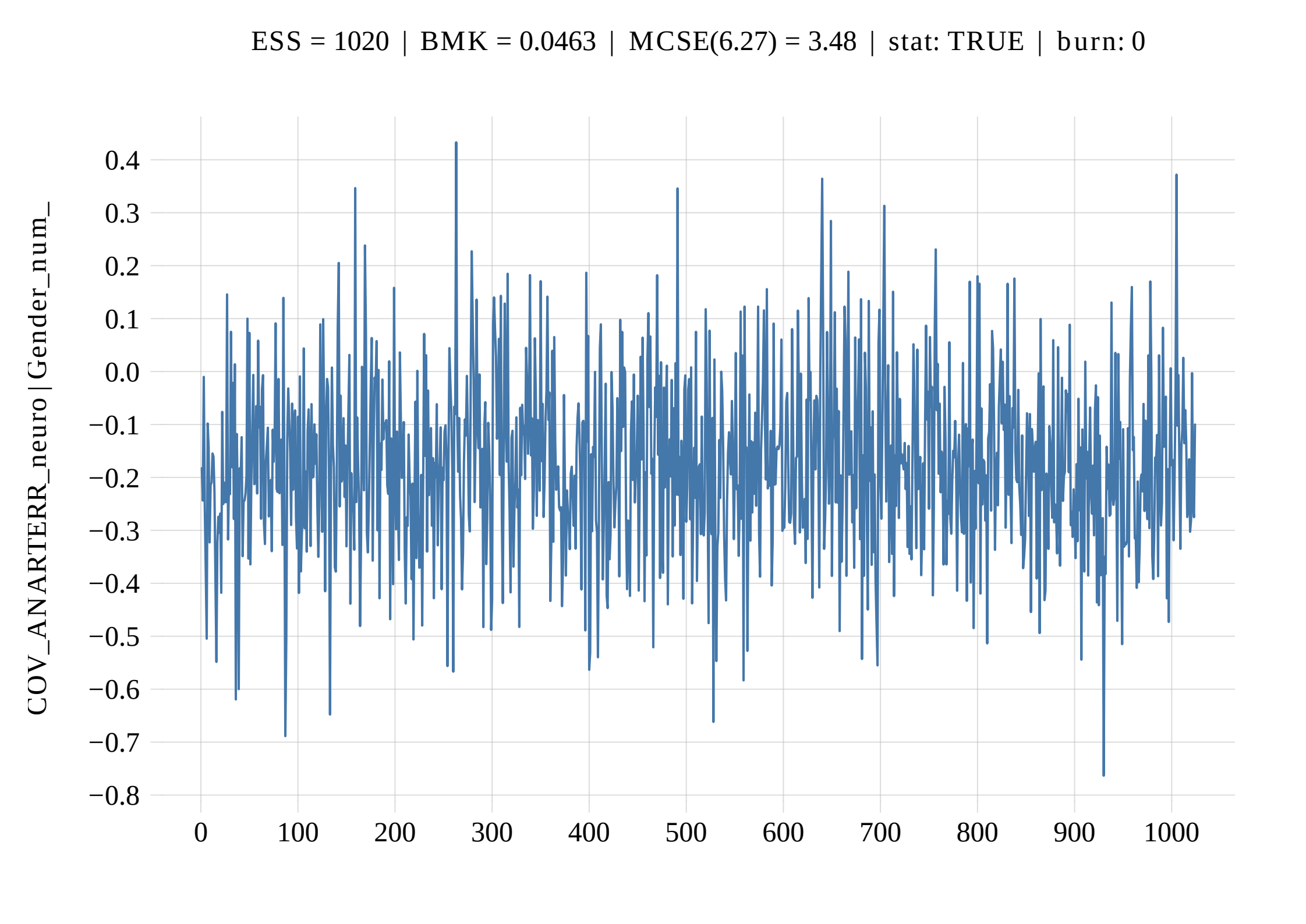

ESS = 891 | BMK = 0.0508 | MCSE(6.27) = 4.36 | stat: TRUE | burn: 0
COV_GDTOTAL_gds | ANARTERR_neuro
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
−1.6
−1.8
−2.0
0
100
200
300
400
500
600
700
800
900
1000

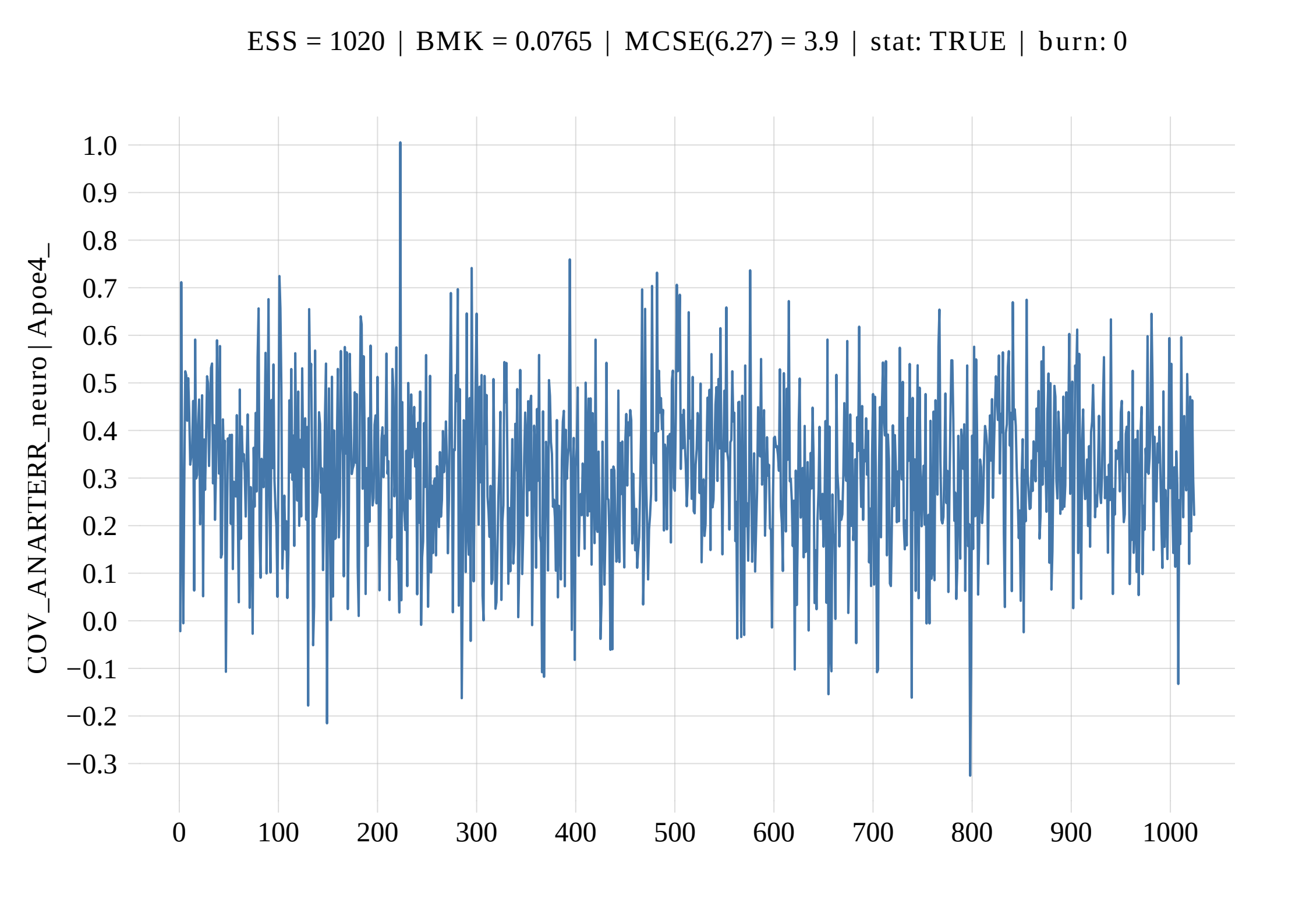

ESS = 497 | BMK = 0.098 | MCSE(6.27) = 4.83 | stat: TRUE | burn: 0
COV_GDTOTAL_gds|Subgroup_num_
0.06
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
0
100
200
300
400
500
600
700
800
900
1000

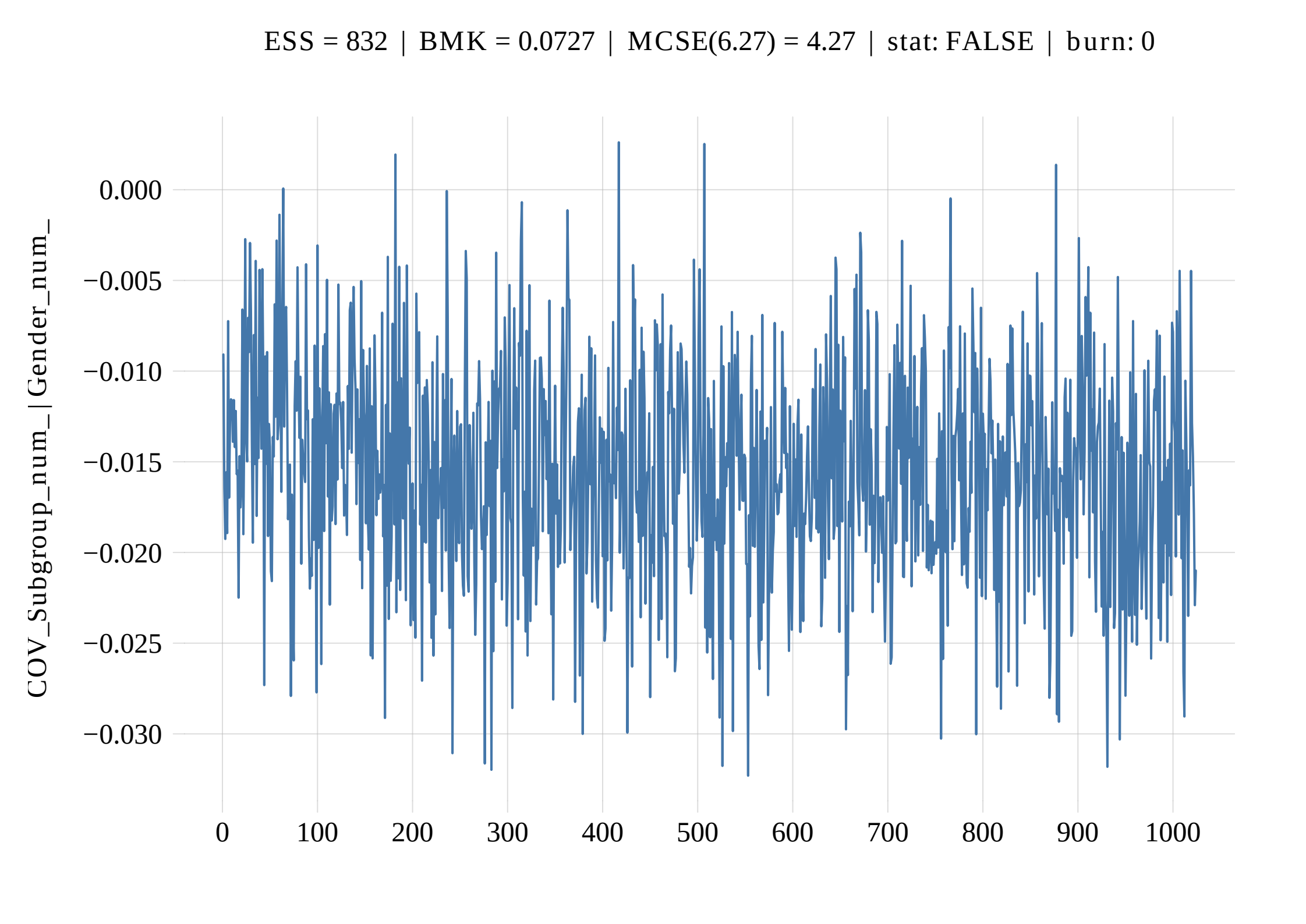

ESS = 1020 | BMK = 0.0601 | MCSE(6.27) = 3.57 | stat: FALSE | burn: 0
COV_GDTOTAL_gds | Gender_num_
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
0
100
200
300
400
500
600
700
800
900
1000

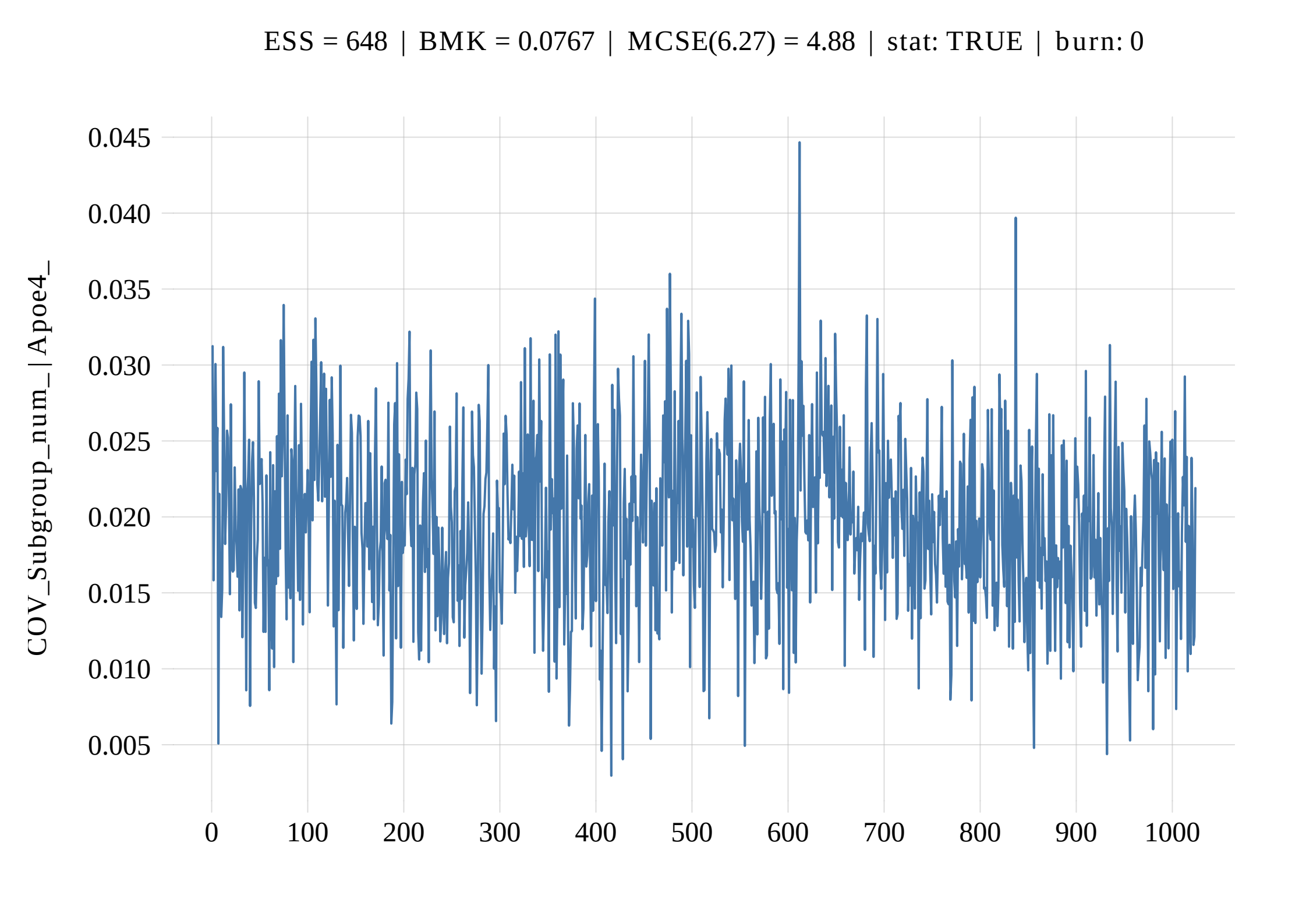

ESS = 566 | BMK = 0.112 | MCSE(6.27) = 4.61 | stat: FALSE | burn: 0
COV_GDTOTAL_gds | Apoe4_
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
0
100
200
300
400
500
600
700
800
900
1000

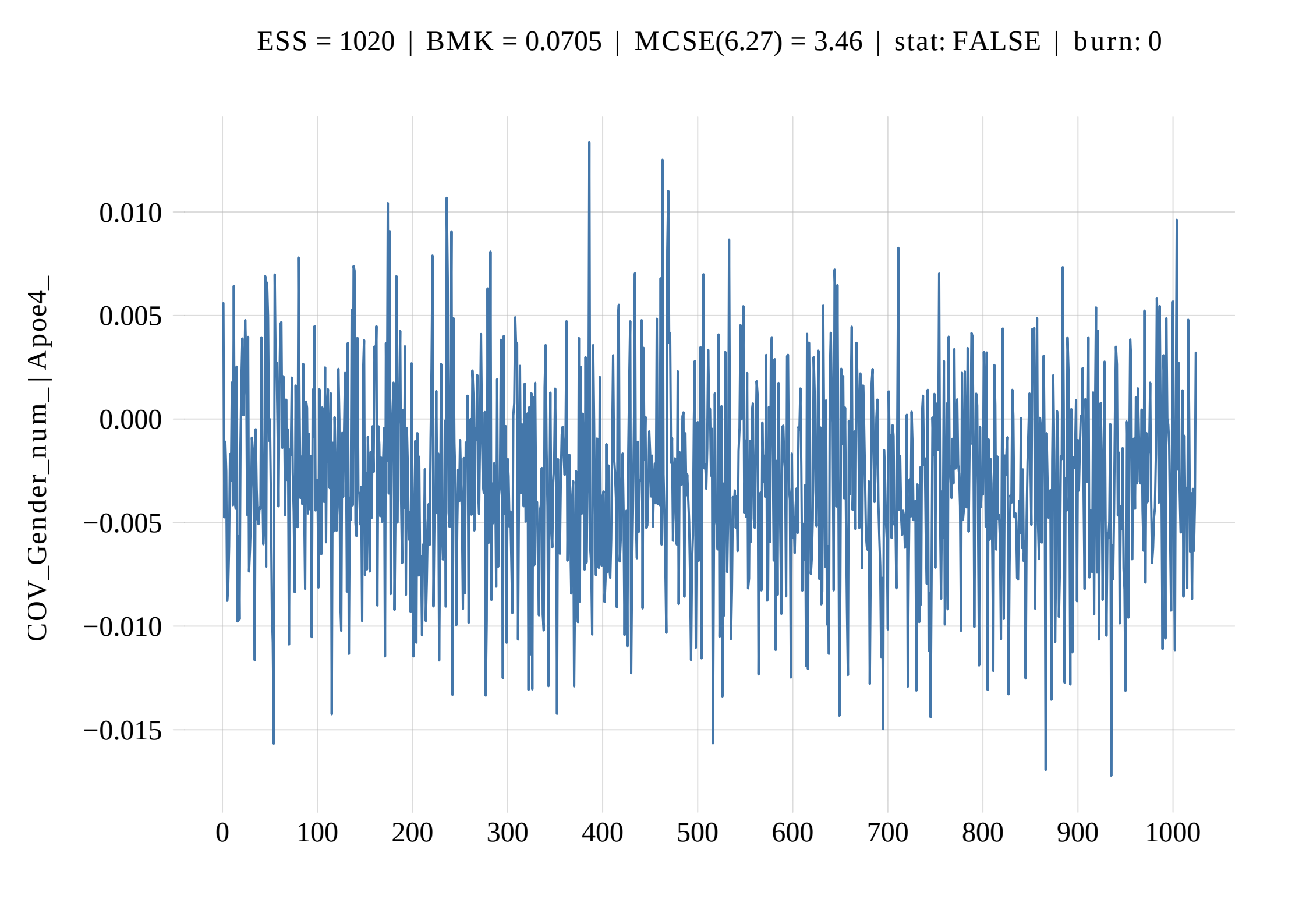

ESS = 1020 | BMK = 0.0602 | MCSE(6.27) = 3.09 | stat: TRUE | burn: 0
COV_ANARTERR_neuro | Subgroup_num_
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
100
200
300
400
500
600
700
800
900
1000


ESS = 1020 | BMK = 0.0463 | MCSE(6.27) = 3.48 | stat: TRUE | burn: 0
COV_ANARTERR_neuro|Gender_num_
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 = 1020 | BMK = 0.0765 | MCSE(6.27) = 3.9 | stat: TRUE | 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
−0.3
0
100
200
300
400
500
600
700
800
900
1000


ESS = 832 | BMK = 0.0727 | MCSE(6.27) = 4.27 | stat: FALSE | burn: 0
COV_Subgroup_num_|Gender_num_
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


ESS = 648 | BMK = 0.0767 | MCSE(6.27) = 4.88 | stat: TRUE | burn: 0
COV_Subgroup_num_|Apoe4_
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0
100
200
300
400
500
600
700
800
900
1000


ESS = 1020 | BMK = 0.0705 | MCSE(6.27) = 3.46 | stat: FALSE | burn: 0
COV_Gender_num_|Apoe4_
0.010
0.005
0.000
−0.005
−0.010
−0.015
0
100
200
300
400
500
600
700
800
900
1000