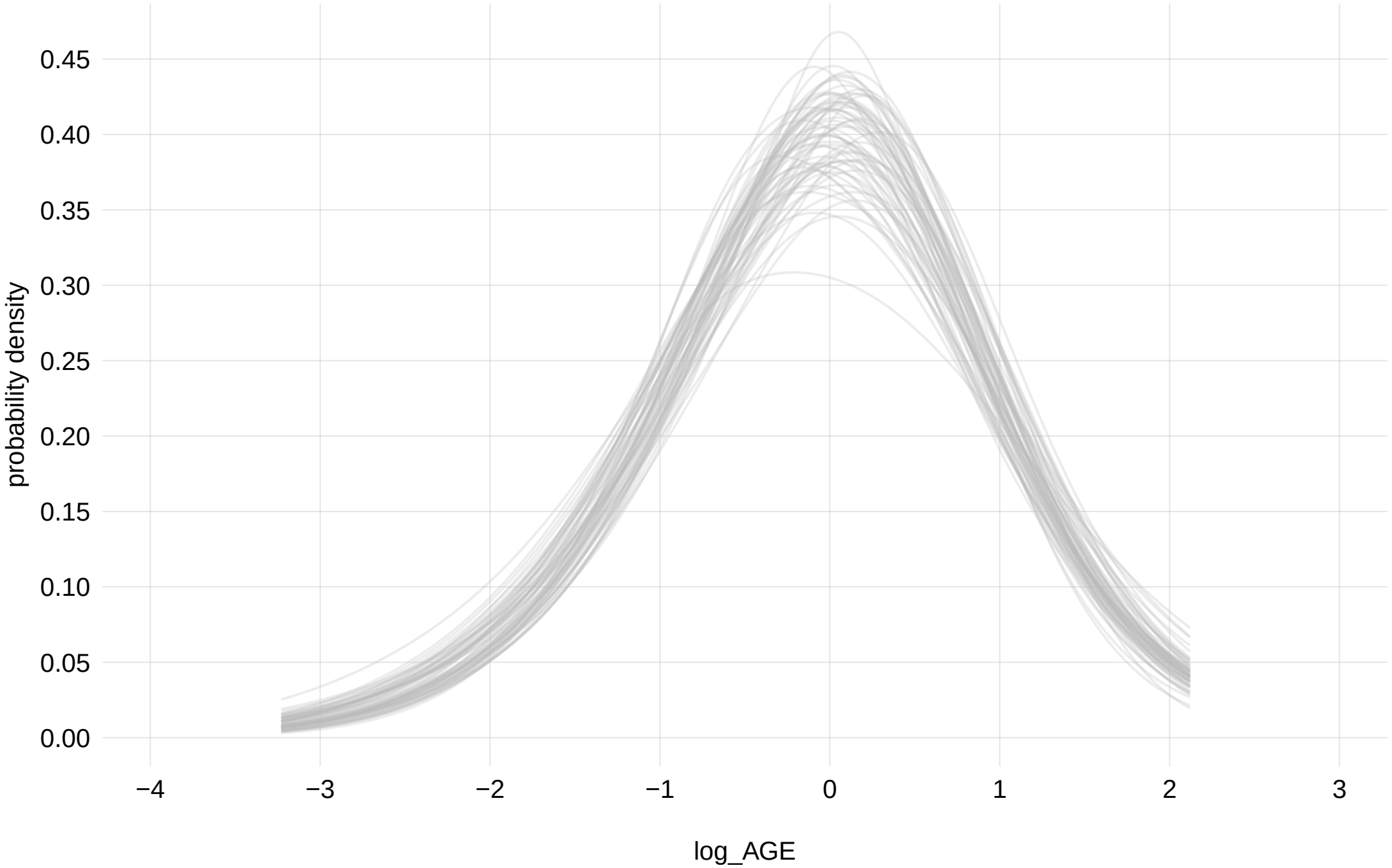
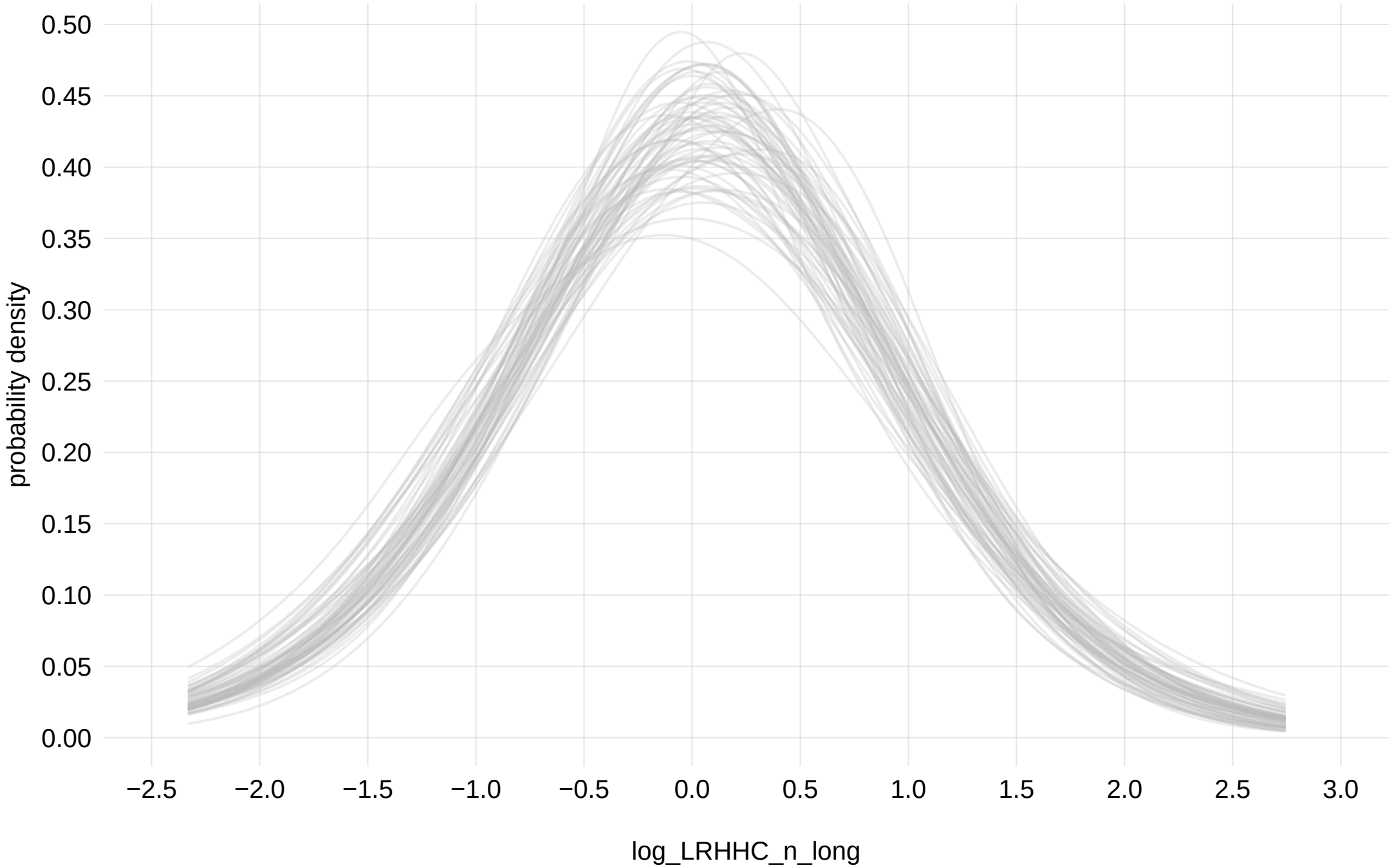
−− STATS maxD −−
min ESS = 2.2044604925031e−16
max BMK = 0.625499403432547
max MCSE = NaN
all stationary: FALSE
burn: 1020

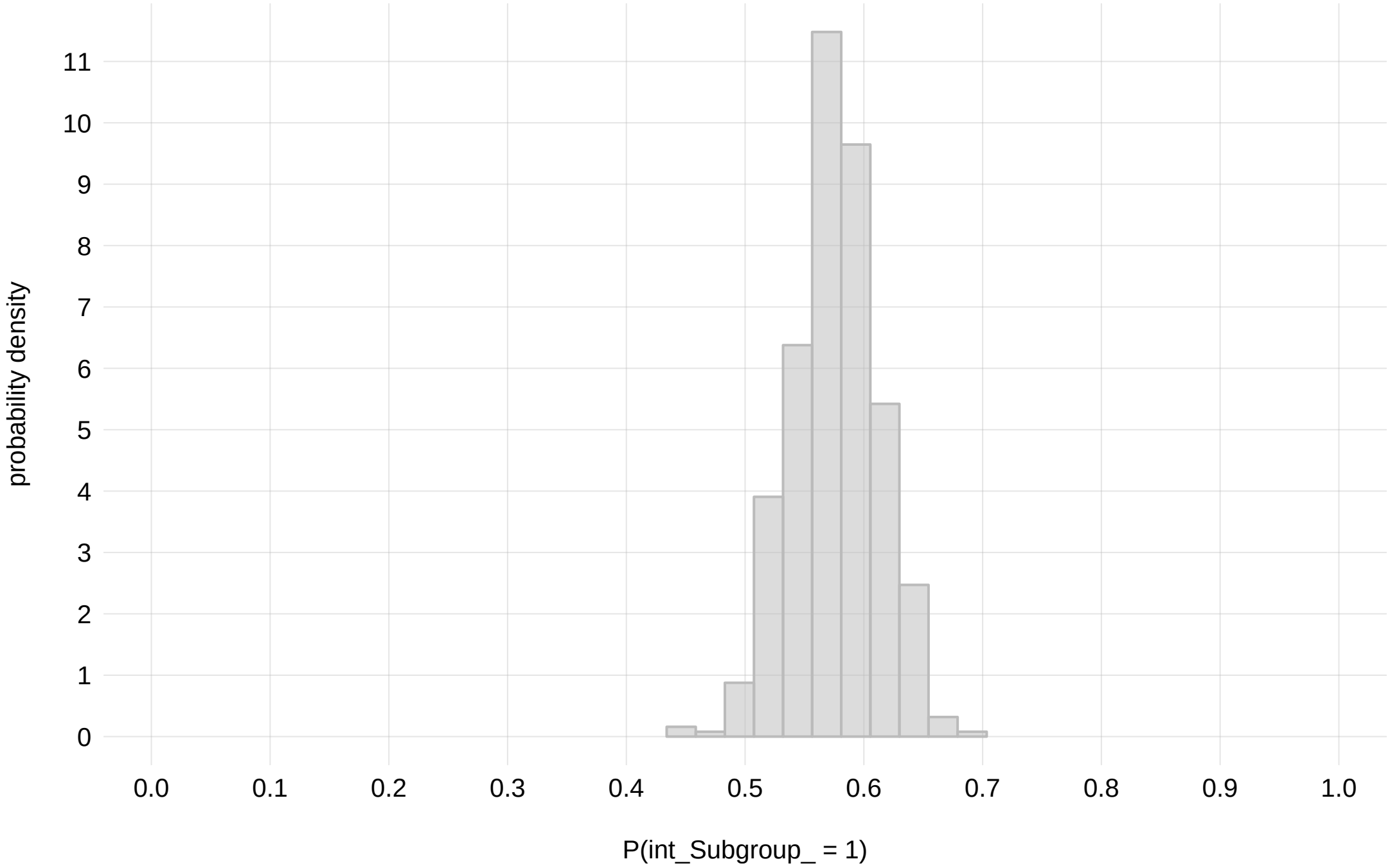
−− STATS 2D −−
min ESS = 26.7516703289741
max BMK = 0.244013070759729
max MCSE = 8.41316536657375
all stationary: FALSE
burn: 0

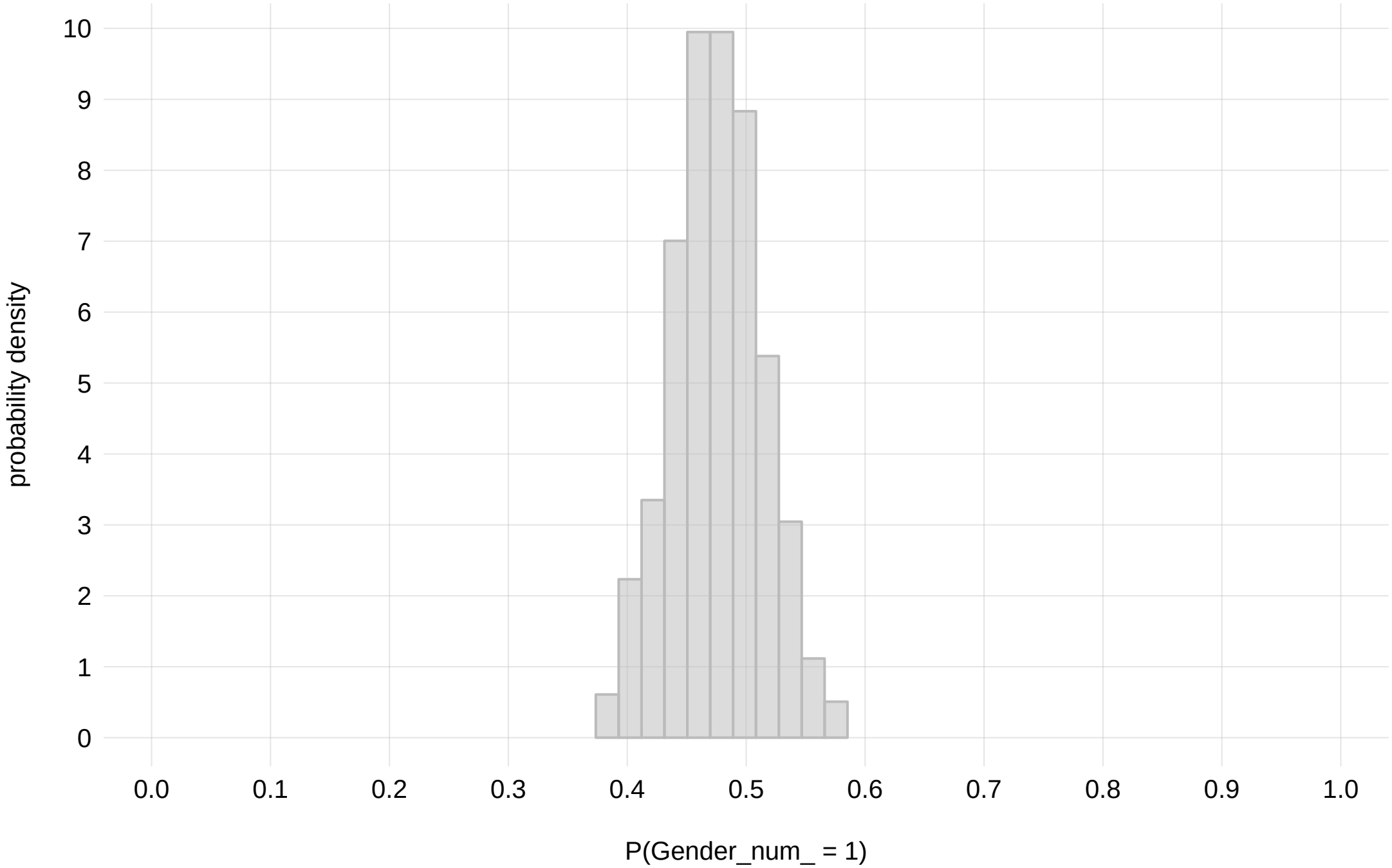
−− STATS 1D −−
min ESS = 76.5154477982715
max BMK = 0.189750114009086
max MCSE = 7.50718018940713
all stationary: FALSE
burn: 0

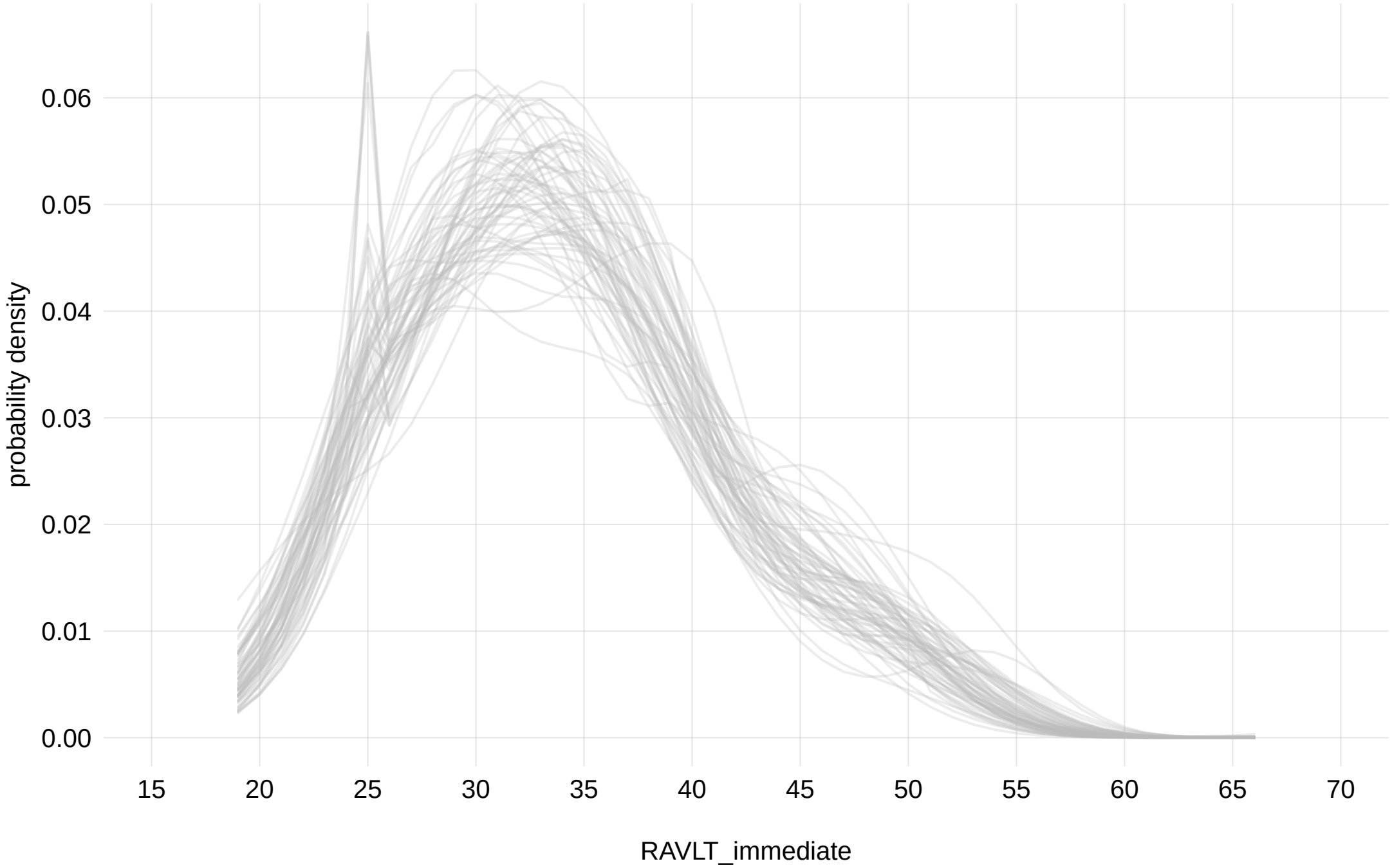
Occupied clusters: 21 of 32
LL: −4310 +− 37.2

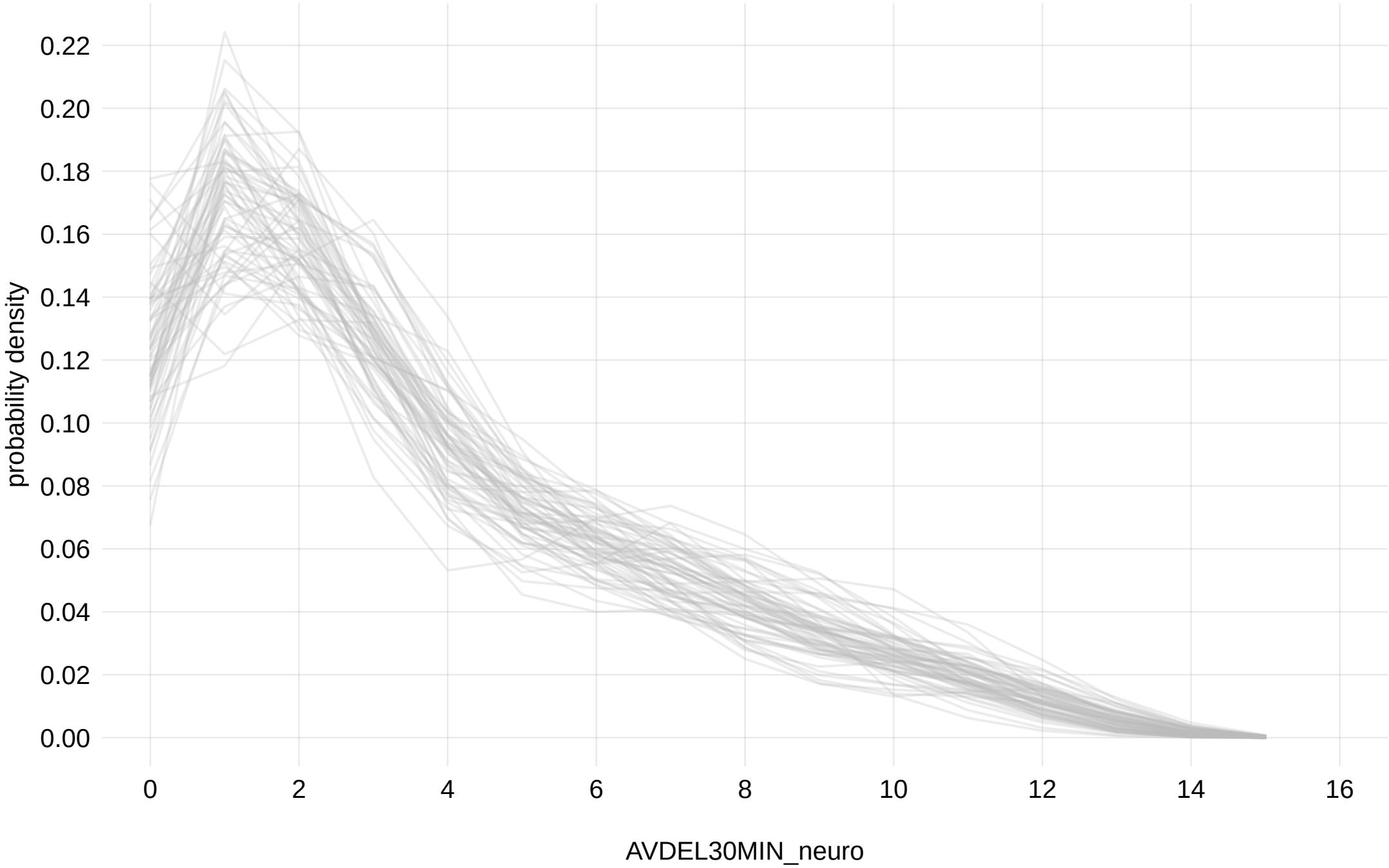

0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
−4
−3
−2
−1
0
1
2
3
log_AGE

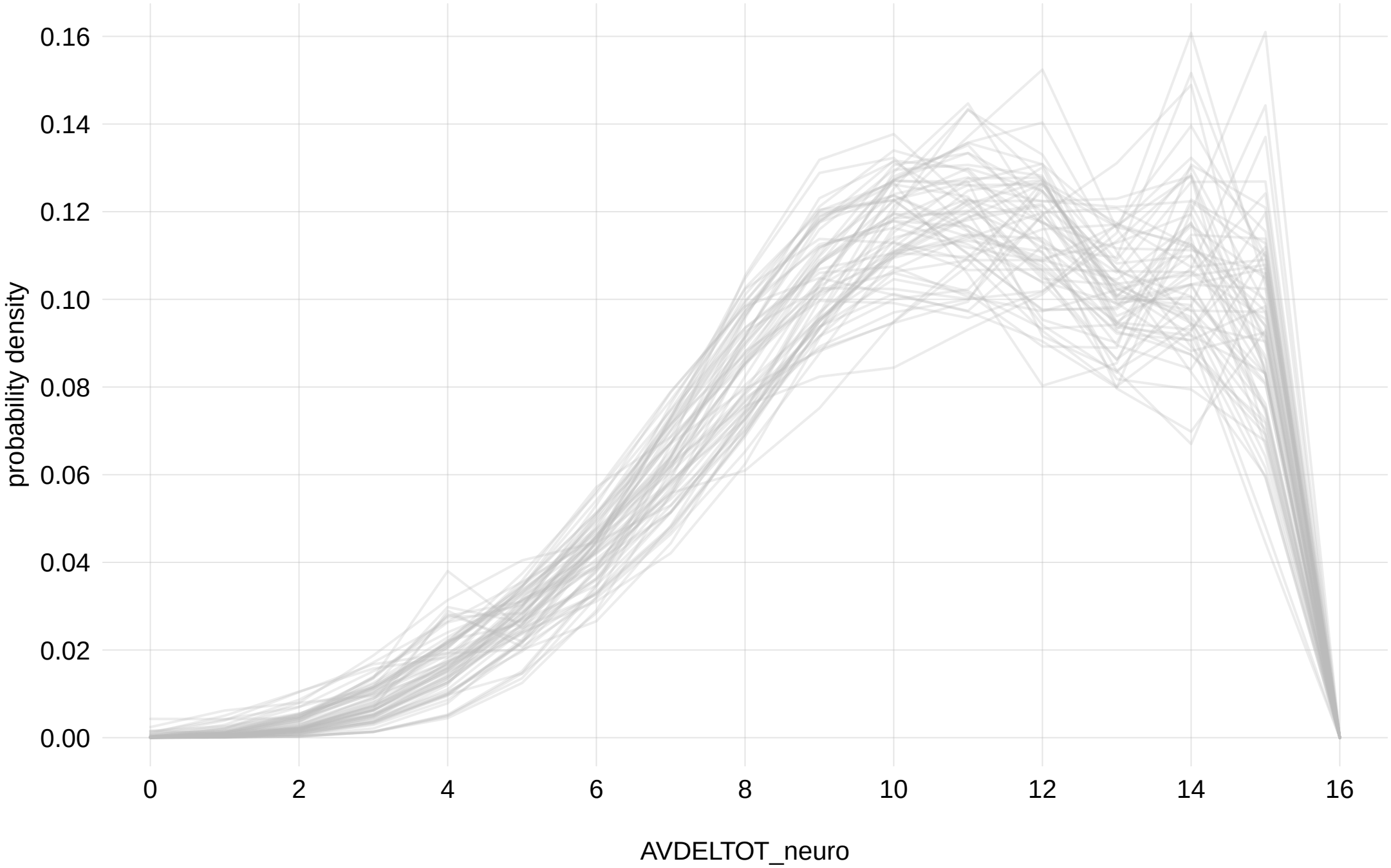

0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
log_LRHHC_n_long

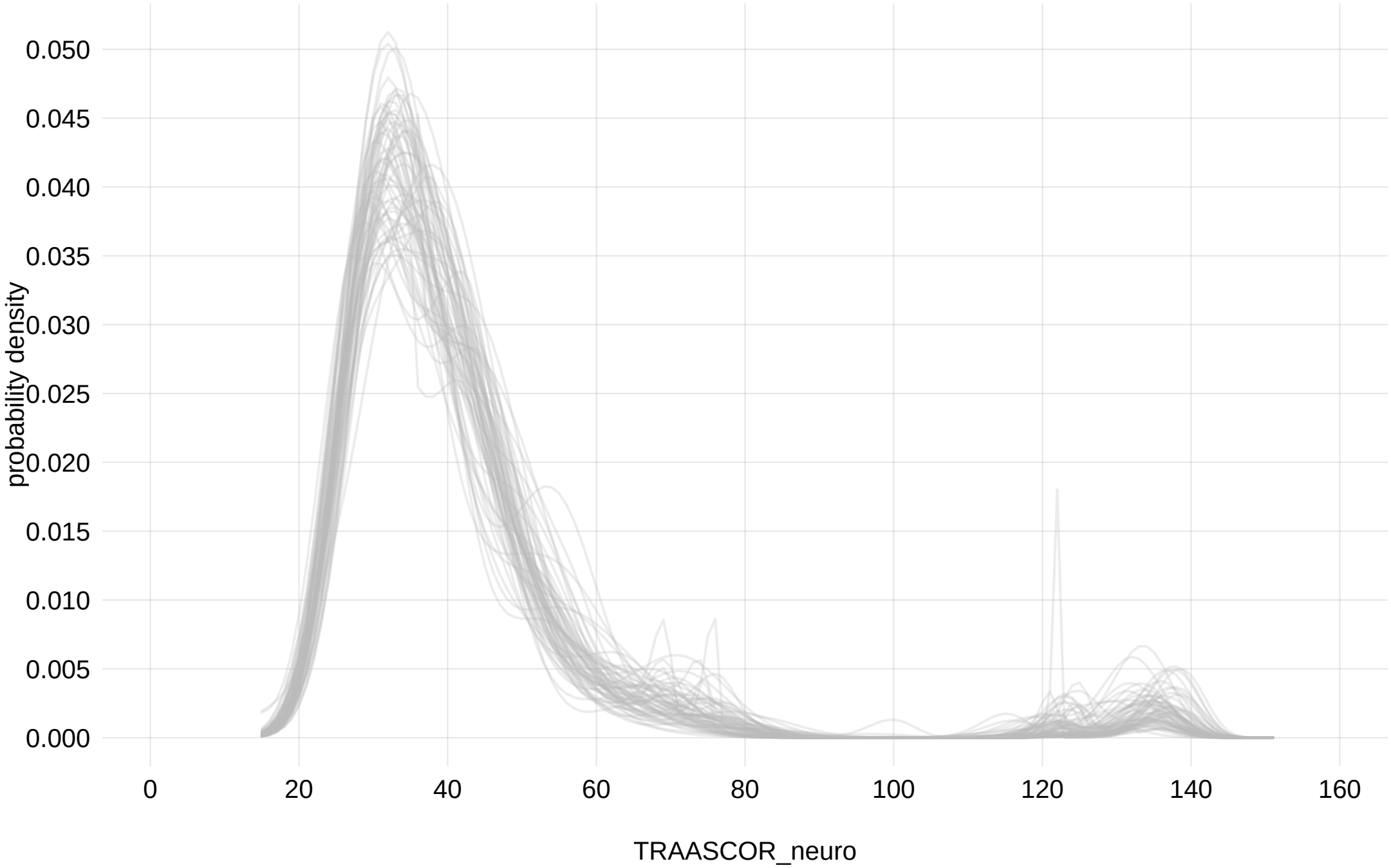

probability density
11
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(int_Subgroup_ = 1)

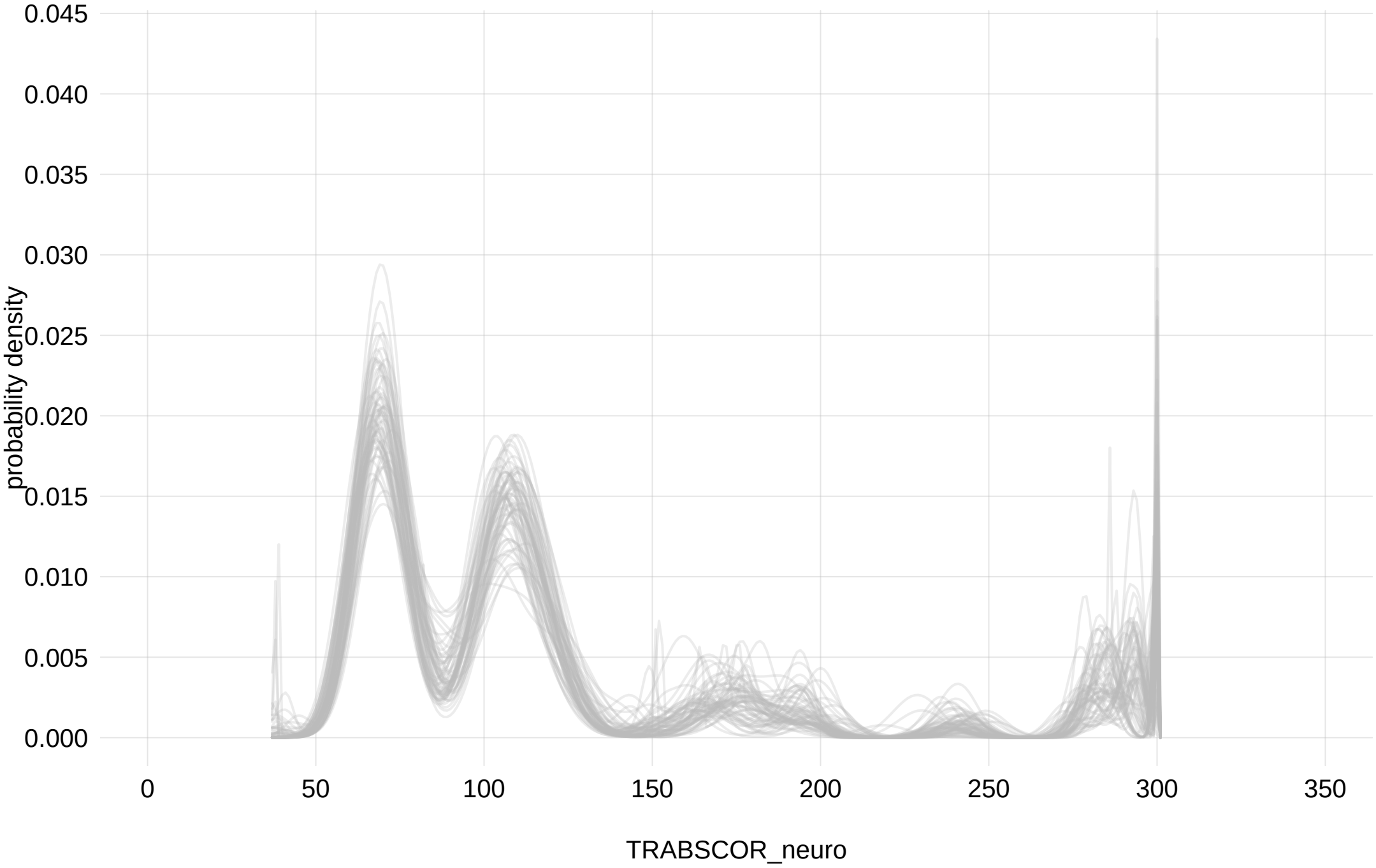

probability density
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Gender_num_ = 1)

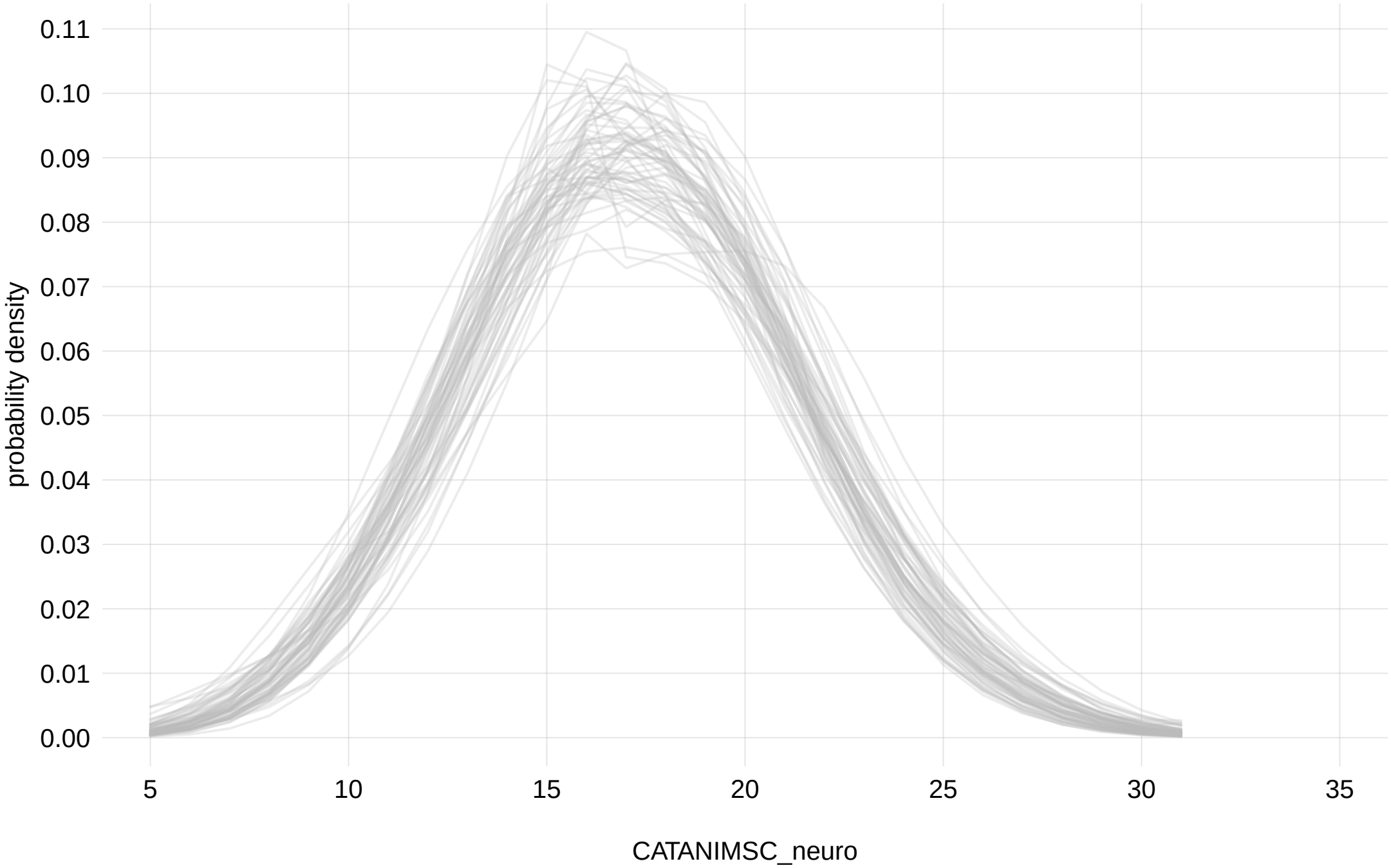

probability density
0.06
0.05
0.04
0.03
0.02
0.01
0.00
15
20
25
30
35
40
45
50
55
60
65
70
RAVLT_immediate

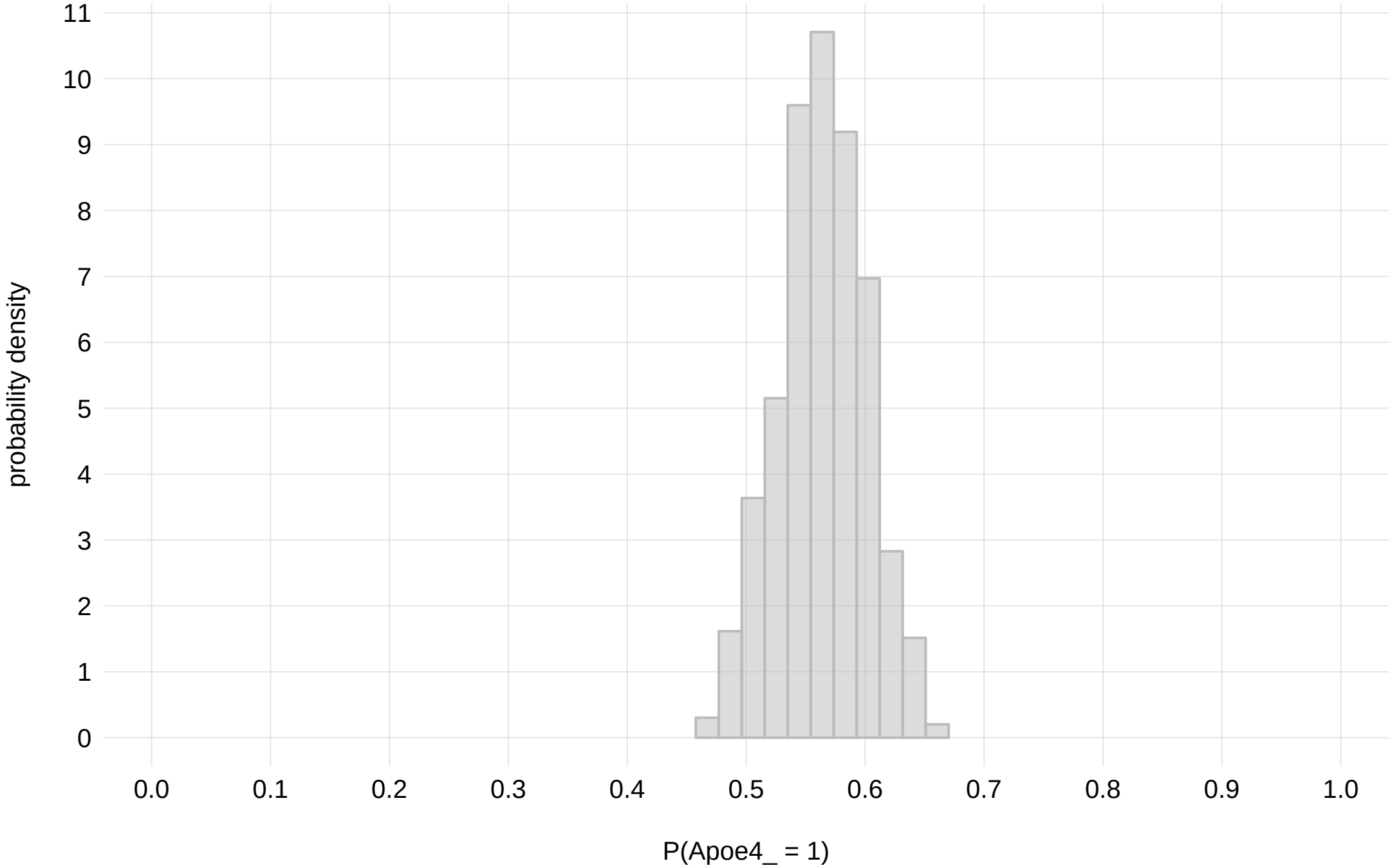

probability density
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
2
4
6
8
10
12
14
16
AVDEL30MIN_neuro

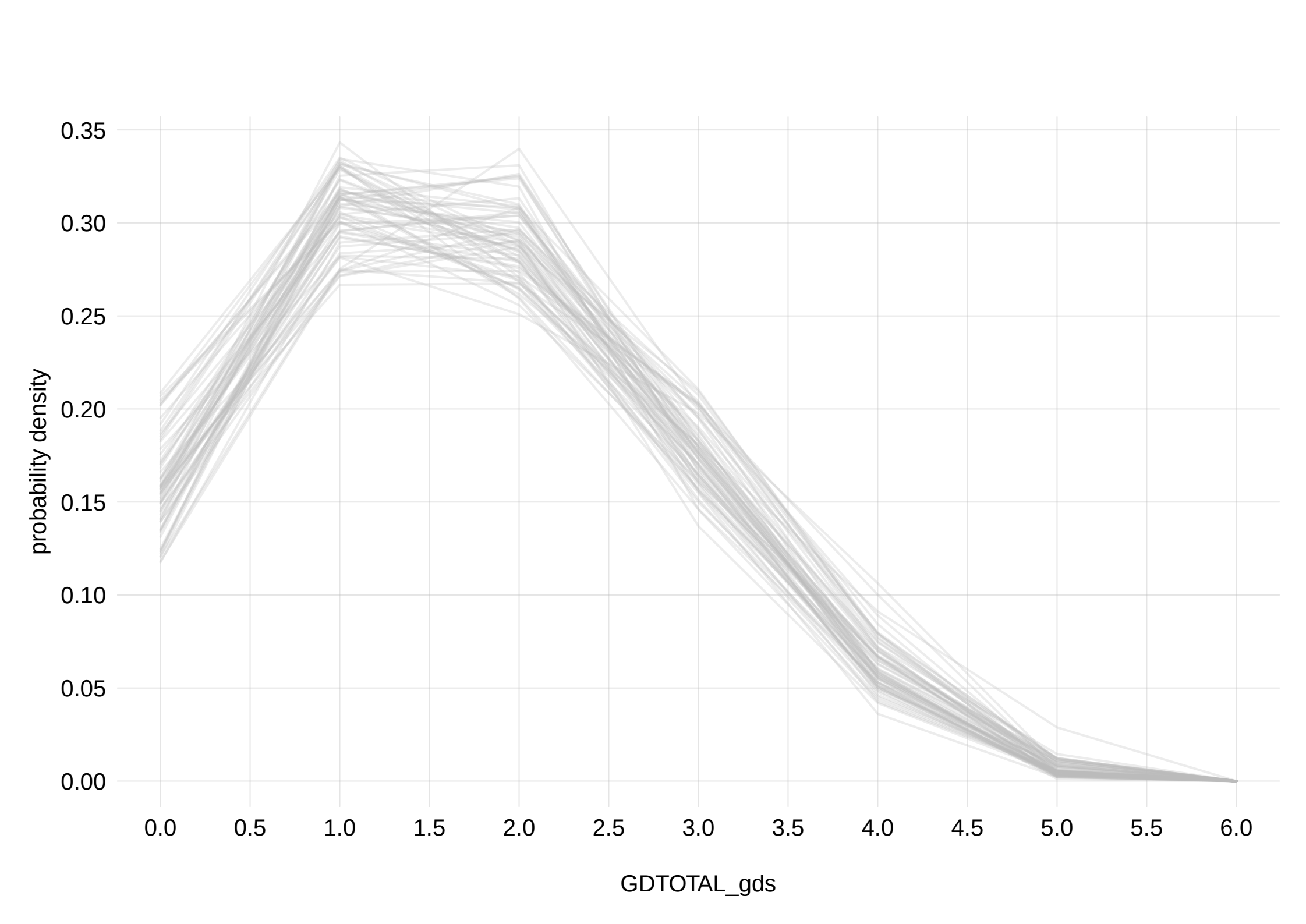

0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
probability density
0
2
4
6
8
10
12
14
16
AVDELTOT_neuro

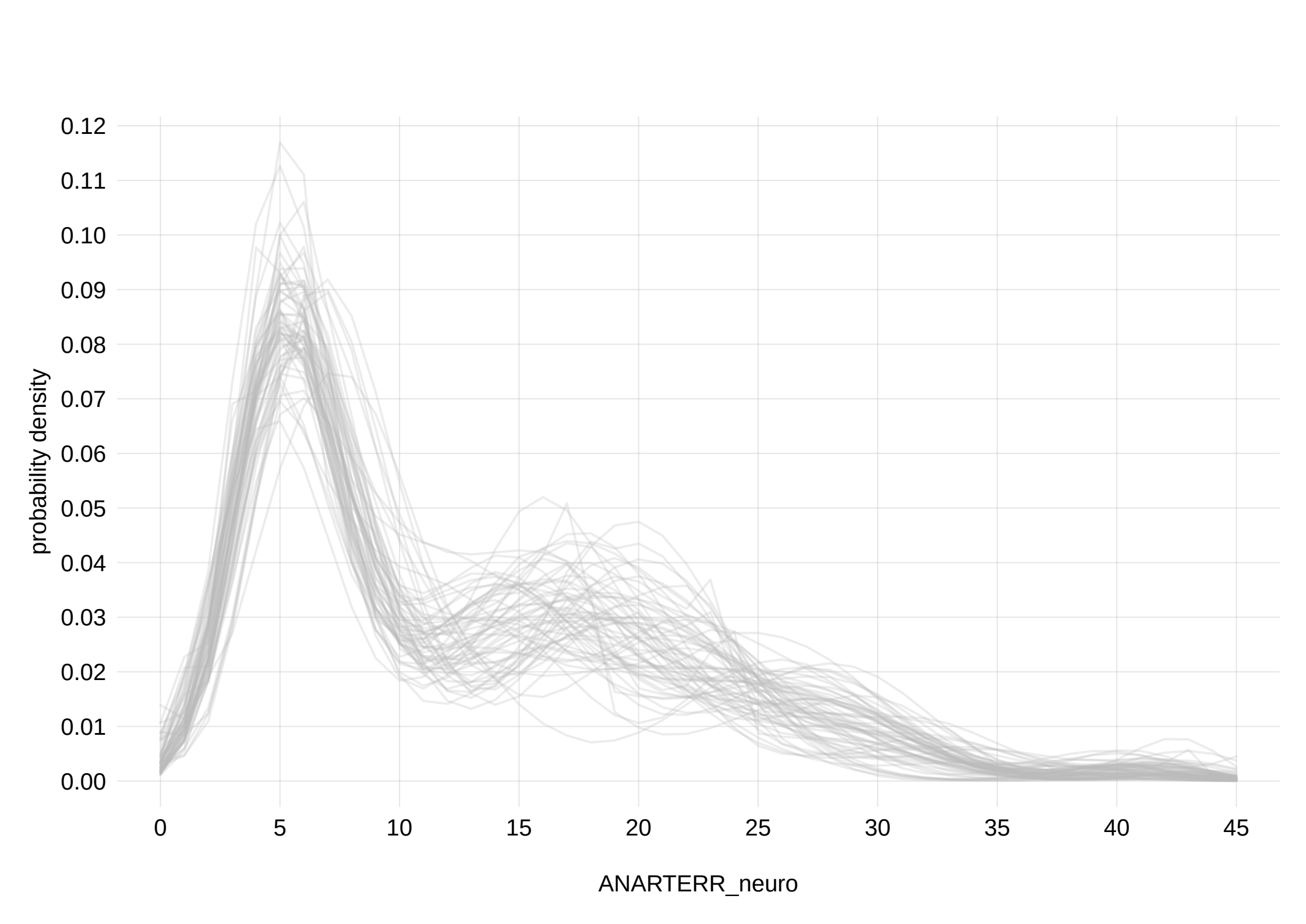

probability density
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0
20
40
60
80
100
120
140
160
TRAASCOR_neuro

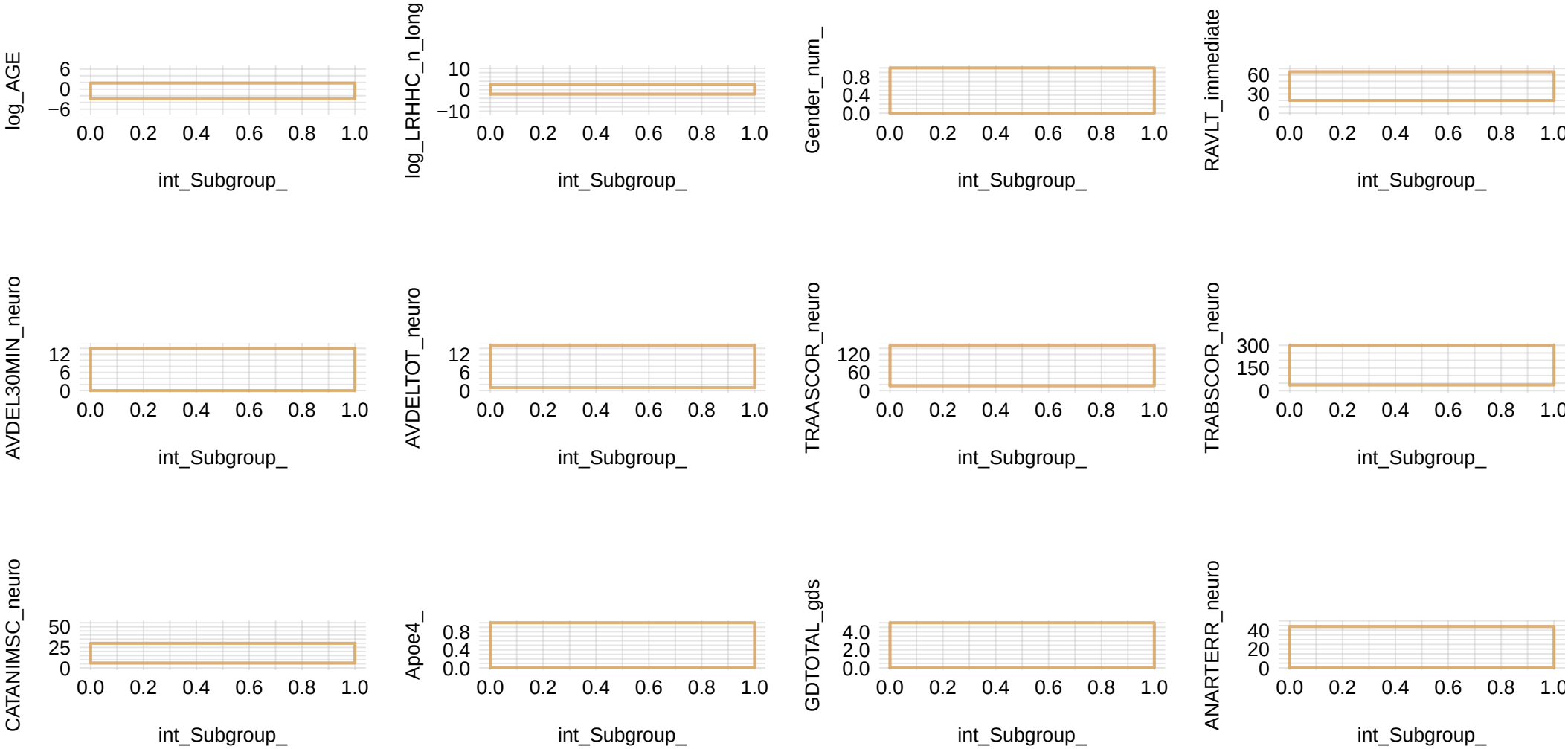

0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
probability density
0
50
100
150
200
250
300
350
TRABSCOR_neuro

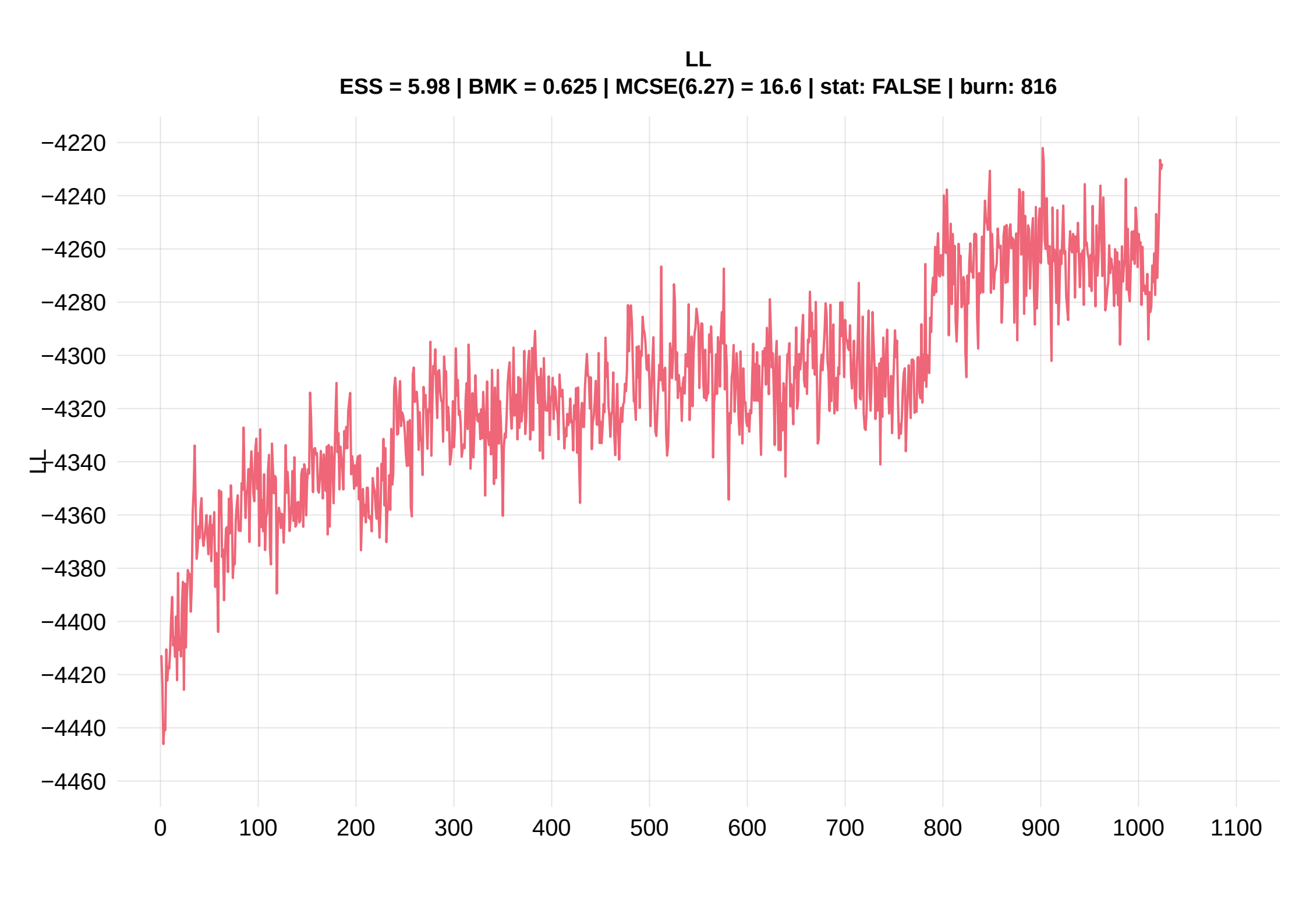

0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
probability density
5
10
15
20
25
30
35
CATANIMSC_neuro

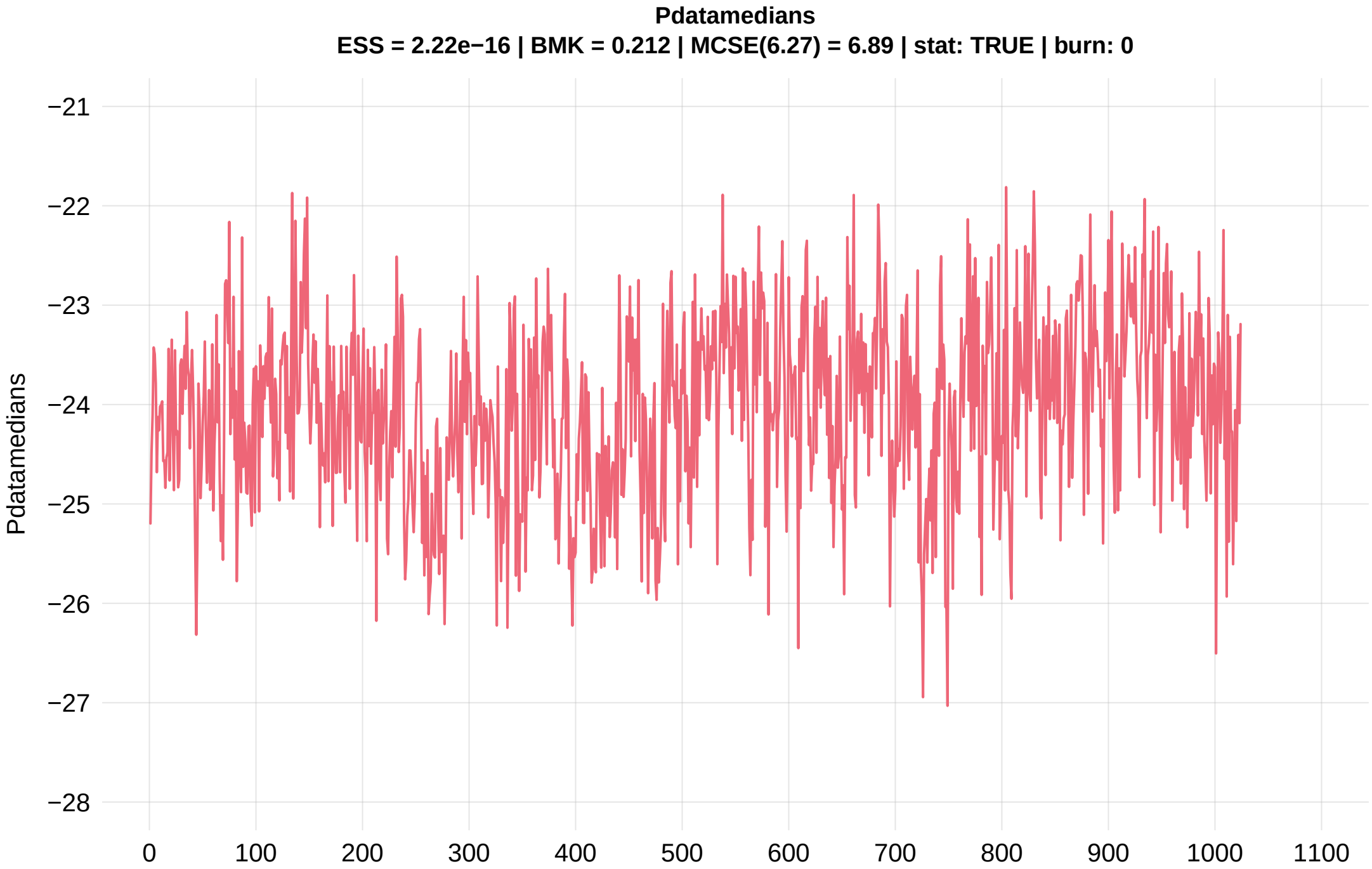

probability density
11
10
9
8
7
6
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Apoe4_ = 1)

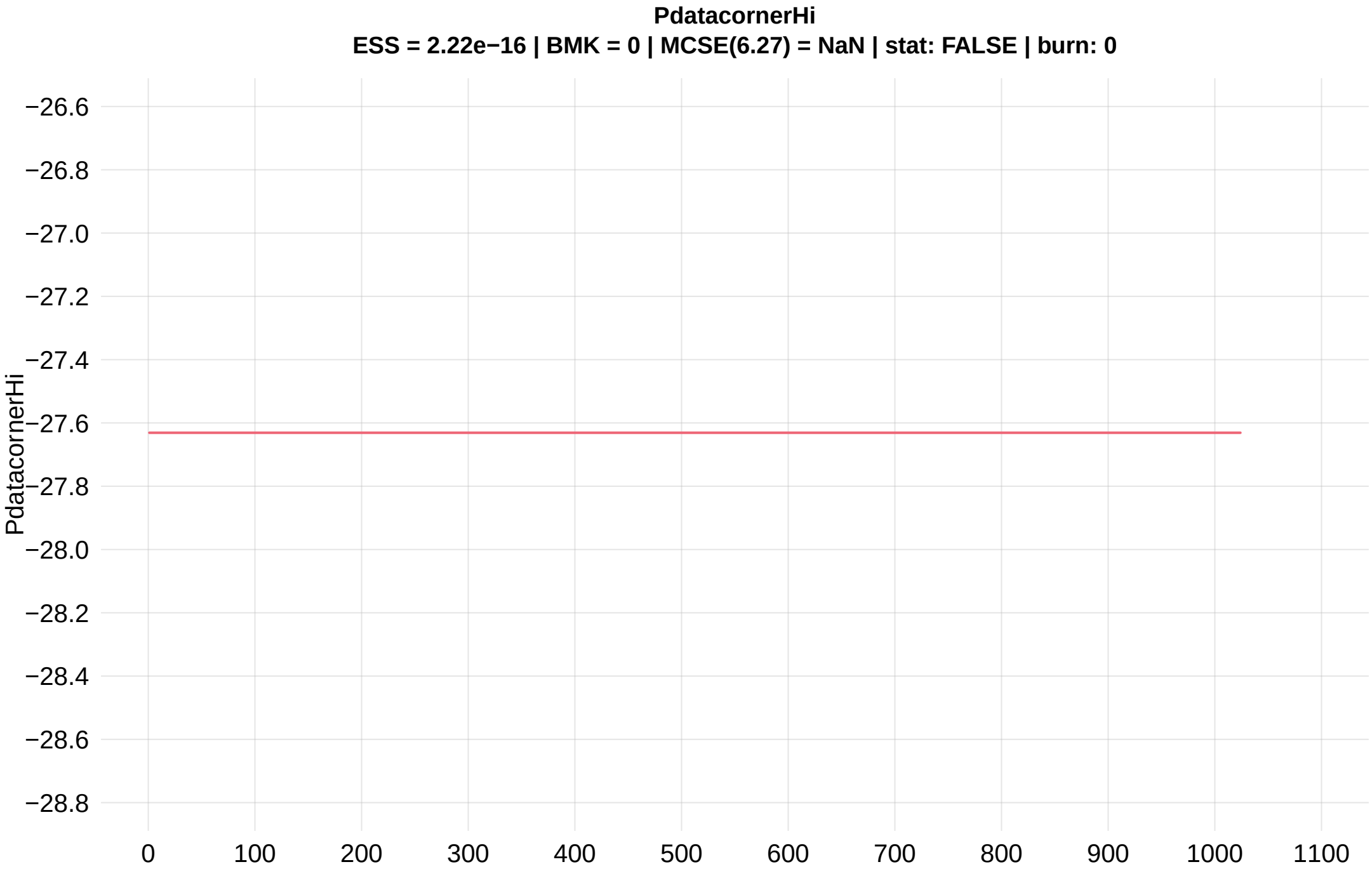

0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0
GDTOTAL_gds

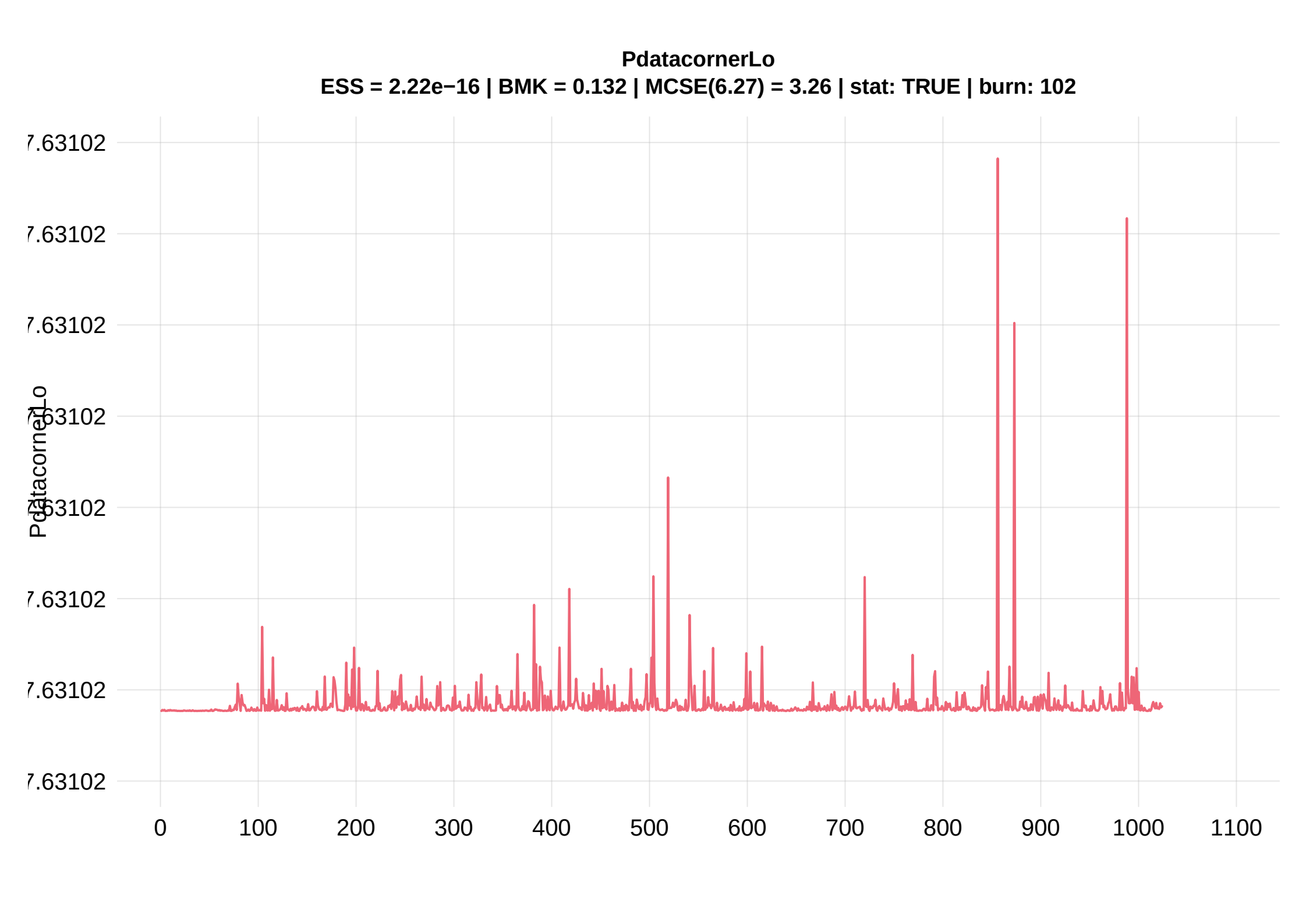

0.12
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
probability density
0
5
10
15
20
25
30
35
40
45
ANARTERR_neuro

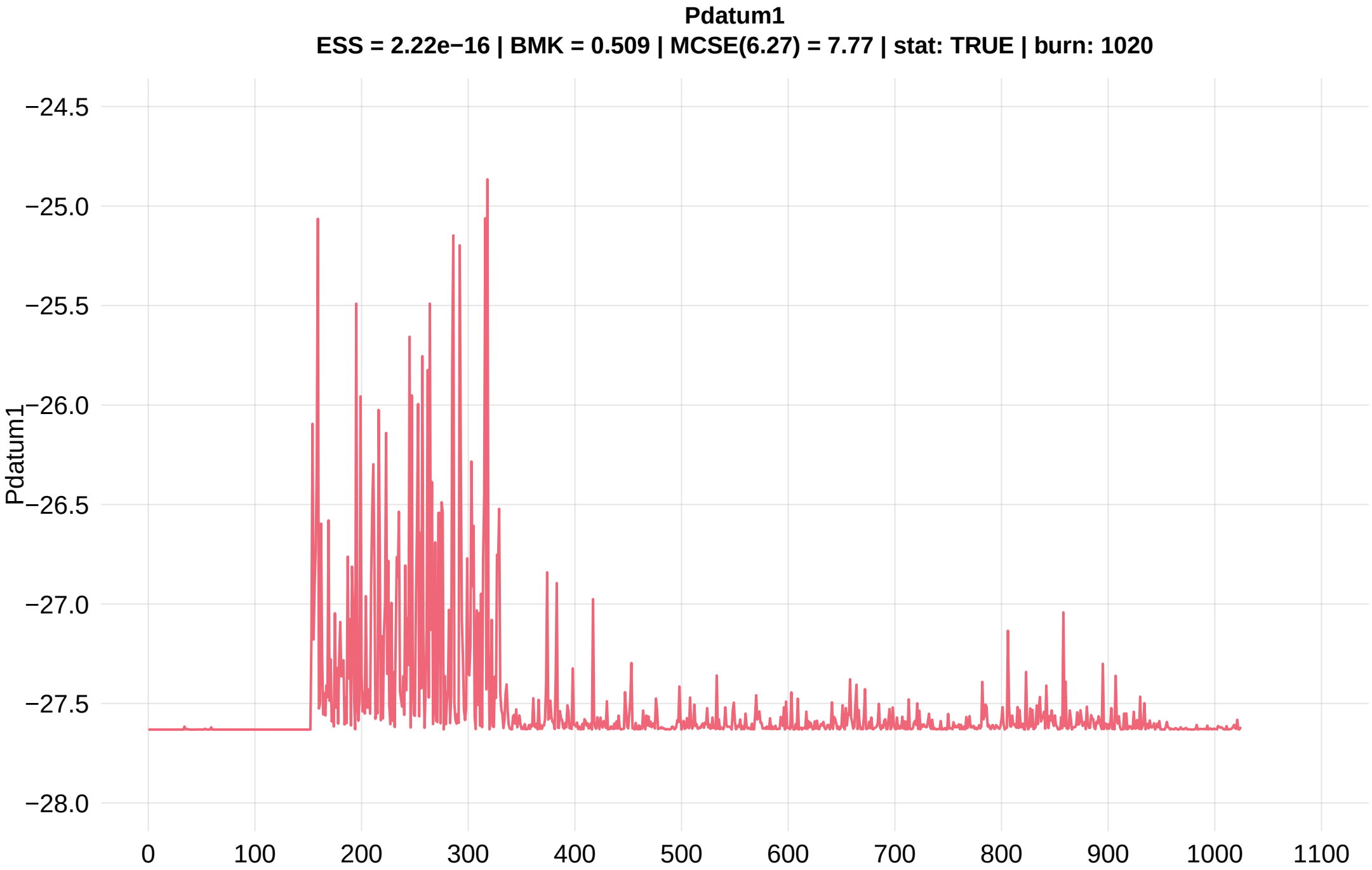

log_AGE
6
0
−6
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_
log_LRHHC_n_long
10
0
−10
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_
Gender_num_
0.8
0.4
0.0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_
RAVLT_immediate
60
30
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_
AVDEL30MIN_neuro
12
6
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_
AVDELTOT_neuro
12
6
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_
TRAASCOR_neuro
120
60
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_
TRABSCOR_neuro
300
150
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_
CATANIMSC_neuro
50
25
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_
Apoe4_
0.8
0.4
0.0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_
GDTOTAL_gds
4.0
2.0
0.0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_
ANARTERR_neuro
40
20
0
0.0 0.2 0.4 0.6 0.8 1.0
int_Subgroup_

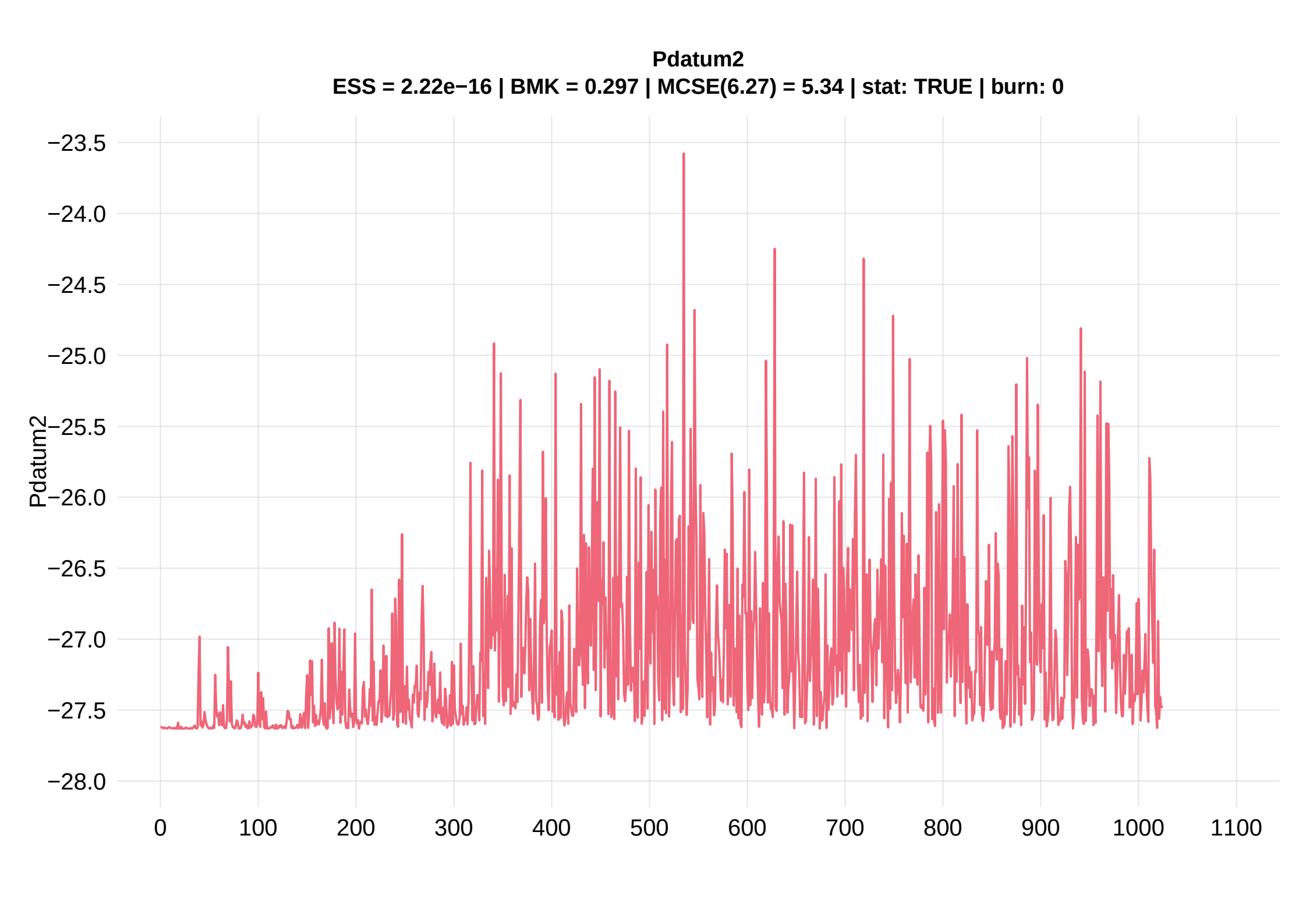

LL
ESS = 5.98 | BMK = 0.625 | MCSE(6.27) = 16.6 | stat: FALSE | burn: 816
LL
−4220
−4240
−4260
−4280
−4300
−4320
−4340
−4360
−4380
−4400
−4420
−4440
−4460
0
100
200
300
400
500
600
700
800
900
1000
1100

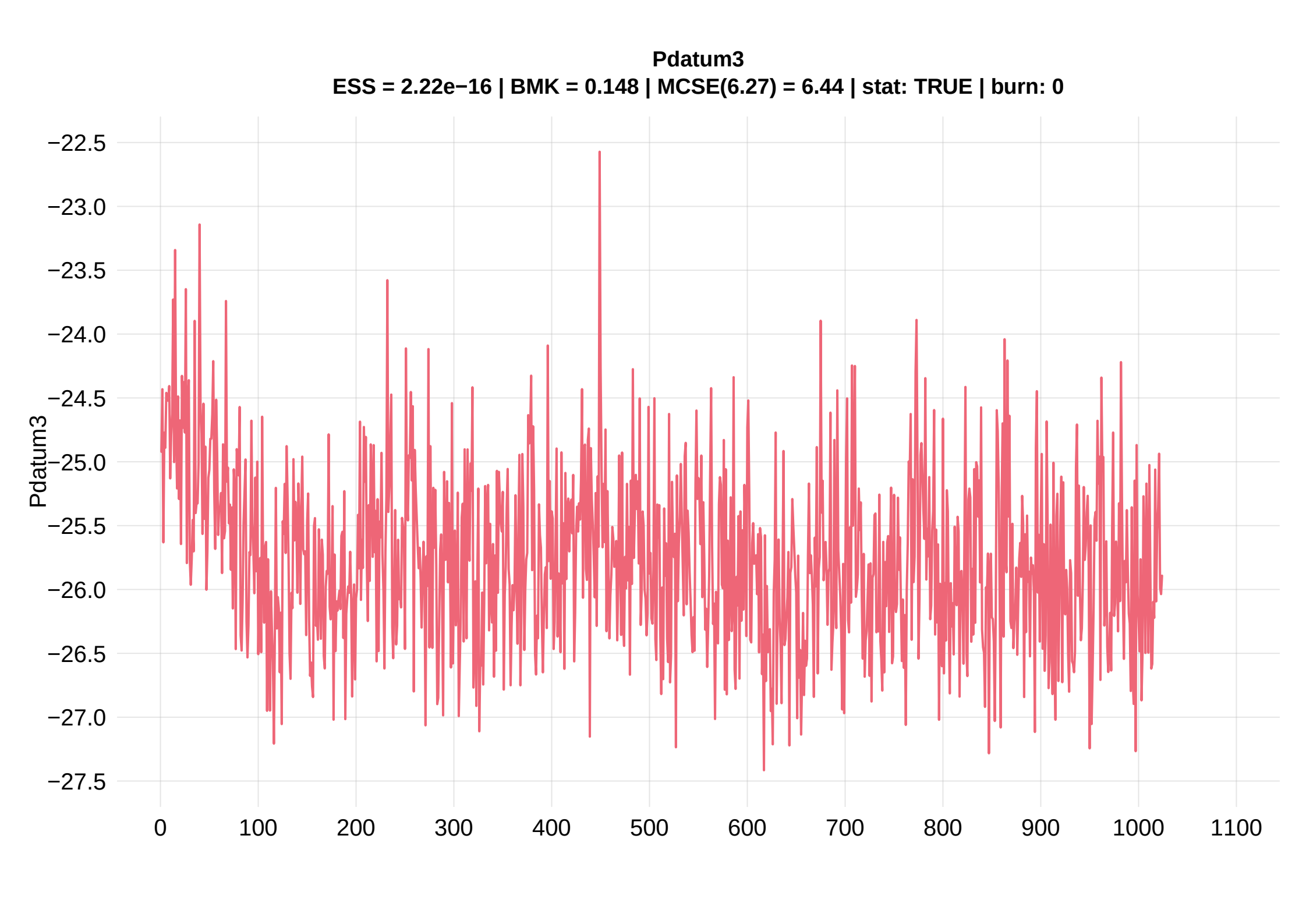

Pdatamedians
ESS = 2.22e−16 | BMK = 0.212 | MCSE(6.27) = 6.89 | stat: TRUE | burn: 0
Pdatamedians
−21
−22
−23
−24
−25
−26
−27
−28
0
100
200
300
400
500
600
700
800
900
1000
1100

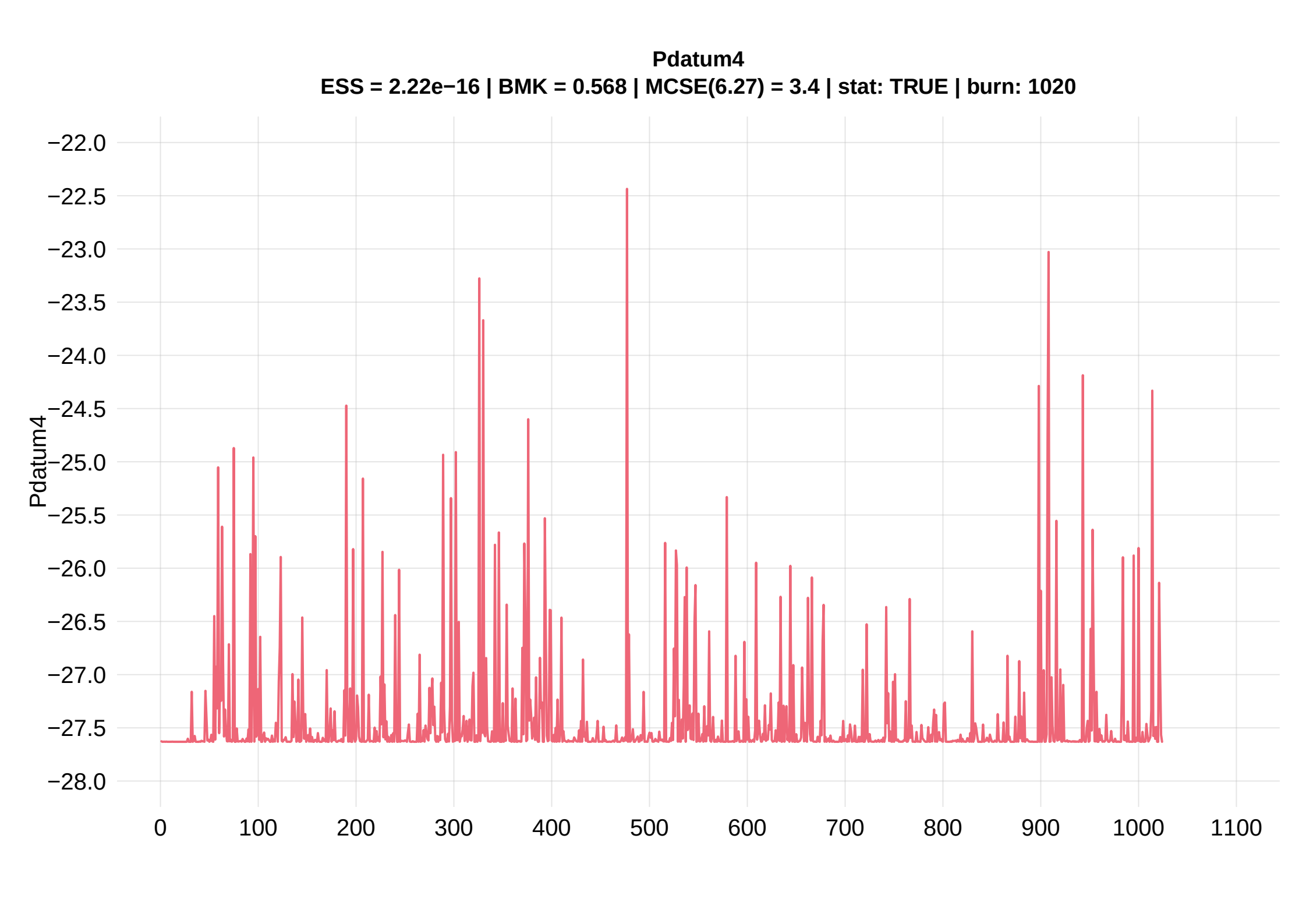

PdatacornerHi
ESS = 2.22e−16 | BMK = 0 | MCSE(6.27) = NaN | stat: FALSE | burn: 0
PdatacornerHi
−26.6
−26.8
−27.0
−27.2
−27.4
−27.6
−27.8
−28.0
−28.2
−28.4
−28.6
−28.8
0
100
200
300
400
500
600
700
800
900
1000
1100

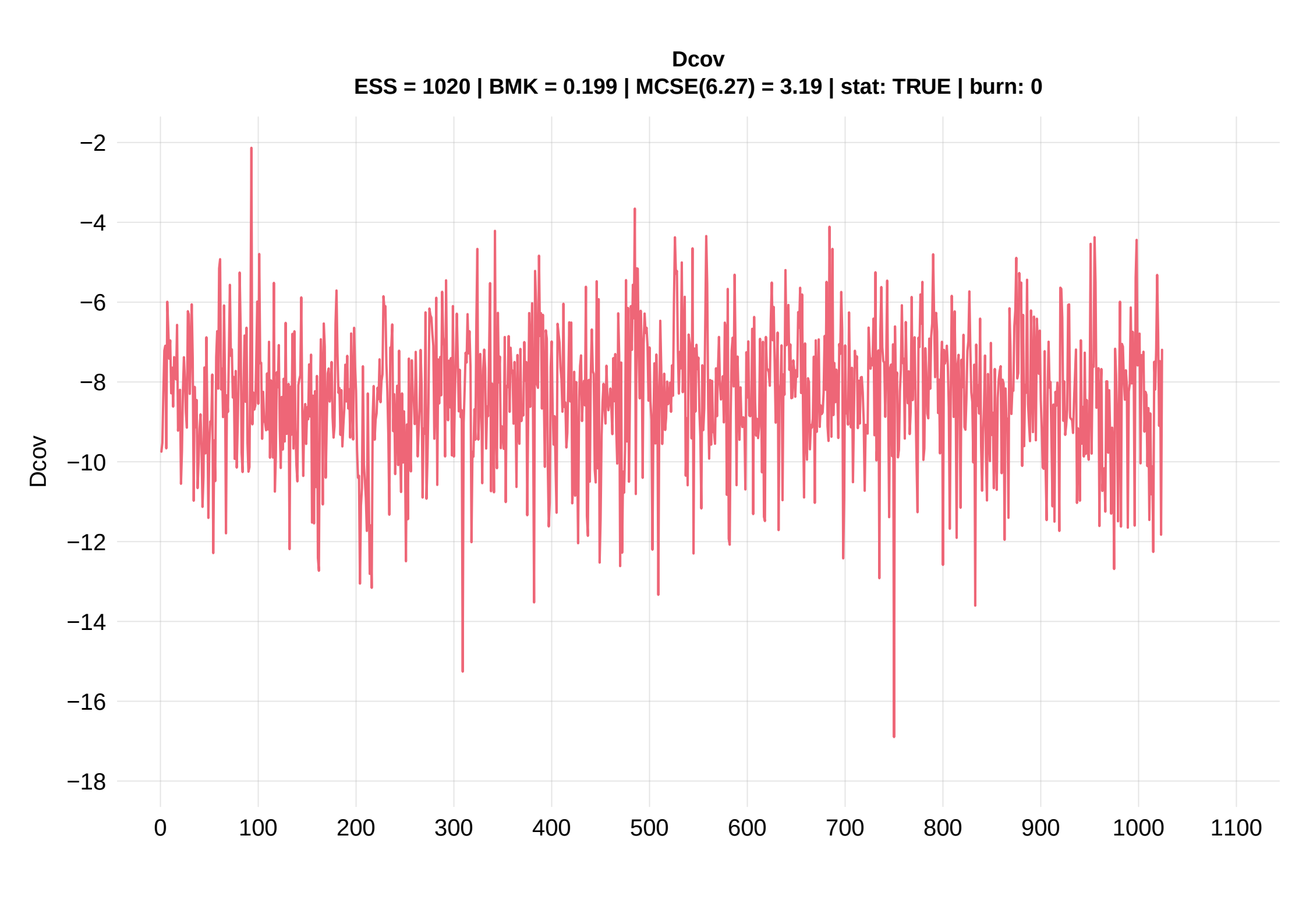

PdatacornerLo
ESS = 2.22e−16 | BMK = 0.132 | MCSE(6.27) = 3.26 | stat: TRUE | burn: 102
7.63102
7.63102
7.63102
7.63102
7.63102
7.63102
7.63102
PdatacornerLo
0
100
200
300
400
500
600
700
800
900
1000
1100

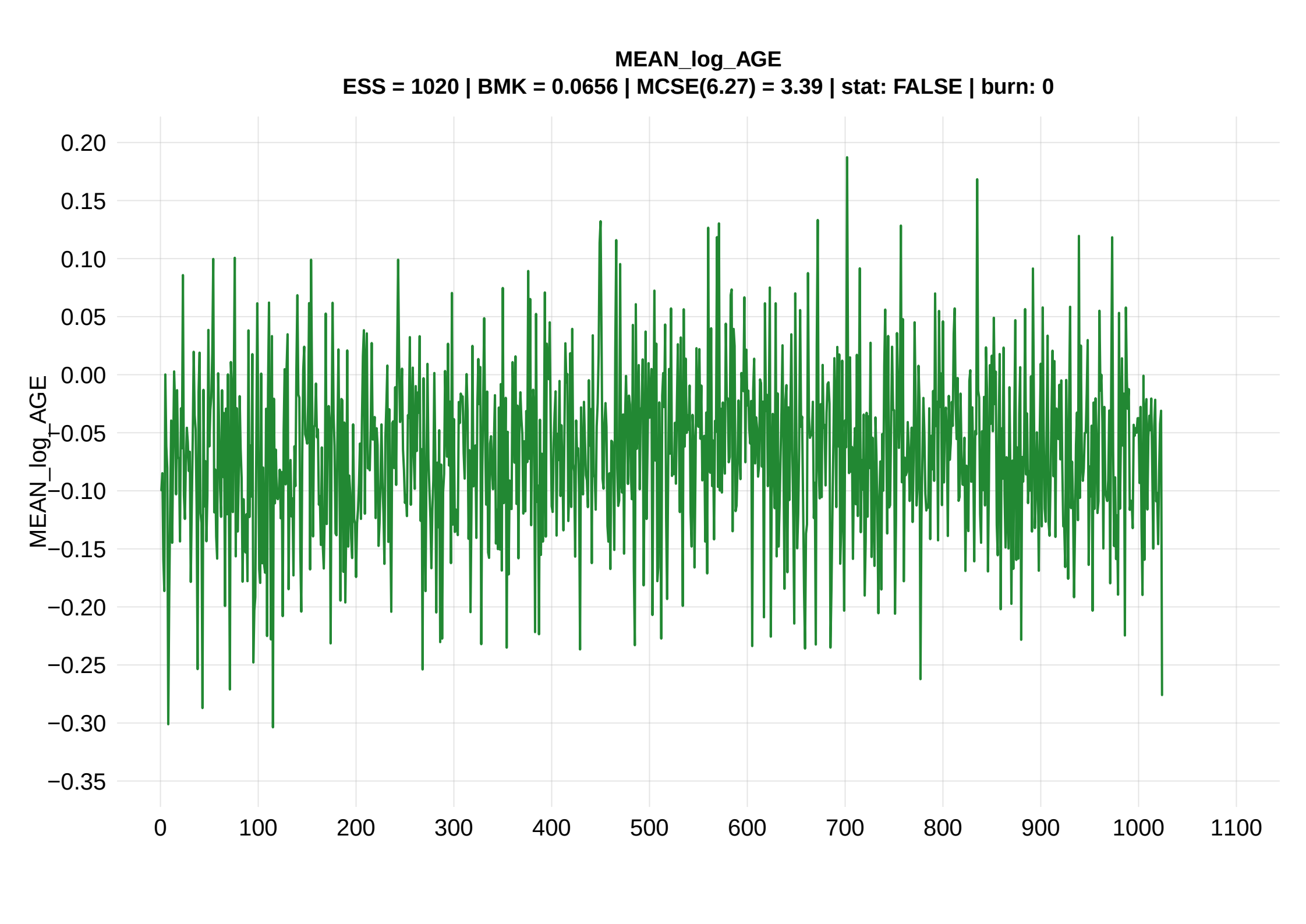

Pdatum1
ESS = 2.22e−16 | BMK = 0.509 | MCSE(6.27) = 7.77 | stat: TRUE | burn: 1020
Pdatum1
−24.5
−25.0
−25.5
−26.0
−26.5
−27.0
−27.5
−28.0
0
100
200
300
400
500
600
700
800
900
1000
1100

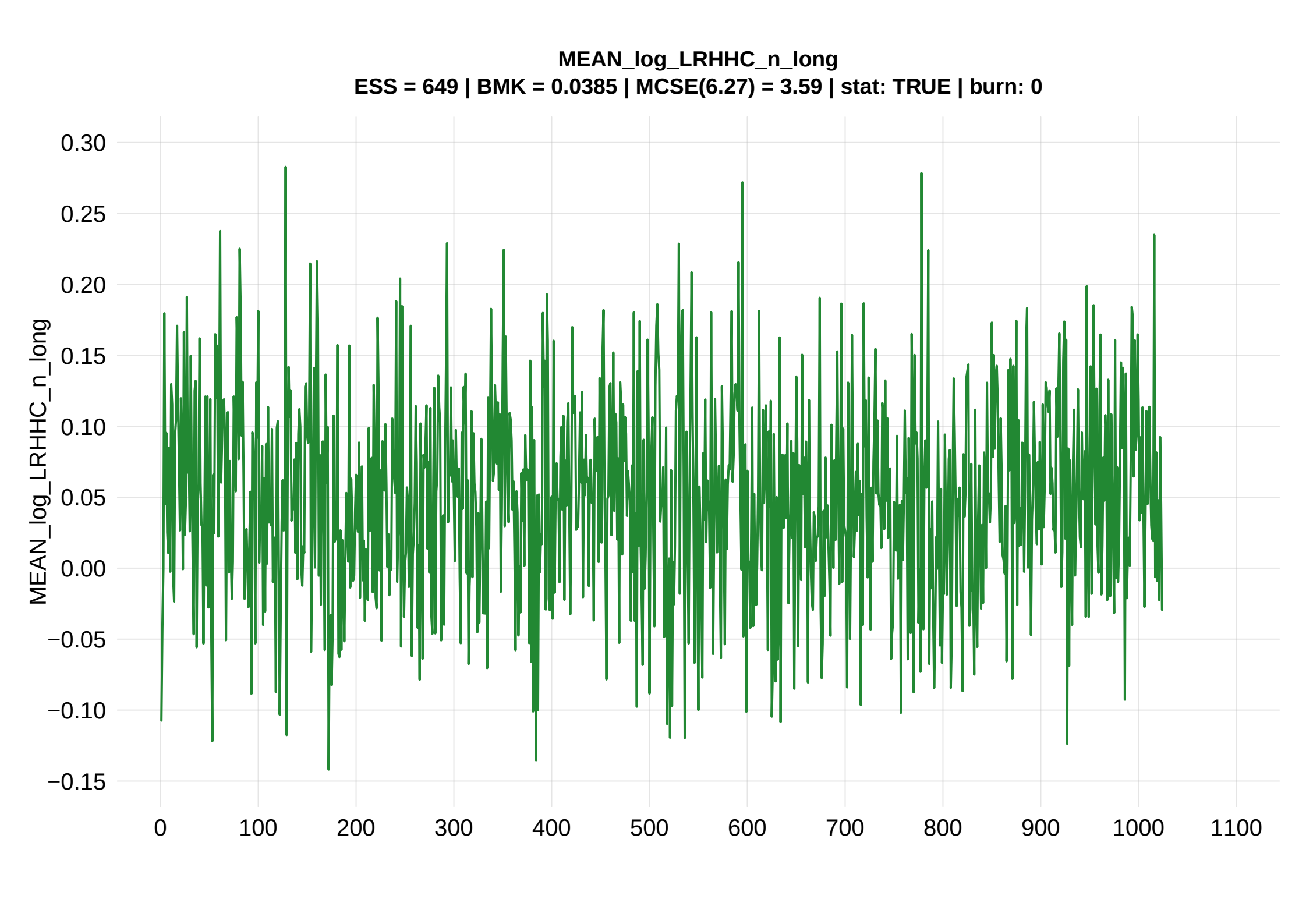

Pdatum2
ESS = 2.22e−16 | BMK = 0.297 | MCSE(6.27) = 5.34 | stat: TRUE | burn: 0
Pdatum2
−23.5
−24.0
−24.5
−25.0
−25.5
−26.0
−26.5
−27.0
−27.5
−28.0
0
100
200
300
400
500
600
700
800
900
1000
1100

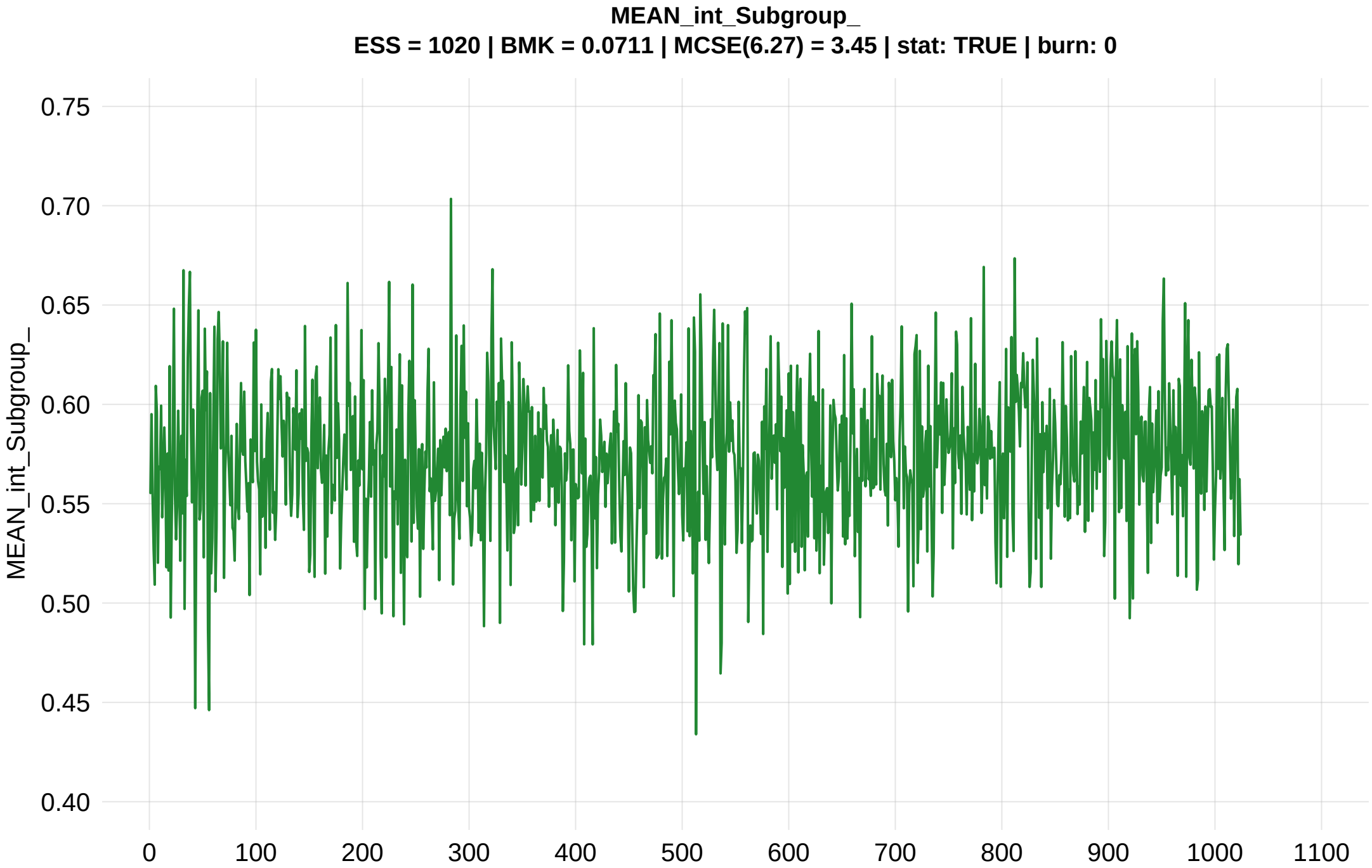

Pdatum3
ESS = 2.22e−16 | BMK = 0.148 | MCSE(6.27) = 6.44 | stat: TRUE | burn: 0
Pdatum3
−22.5
−23.0
−23.5
−24.0
−24.5
−25.0
−25.5
−26.0
−26.5
−27.0
−27.5
0
100
200
300
400
500
600
700
800
900
1000
1100

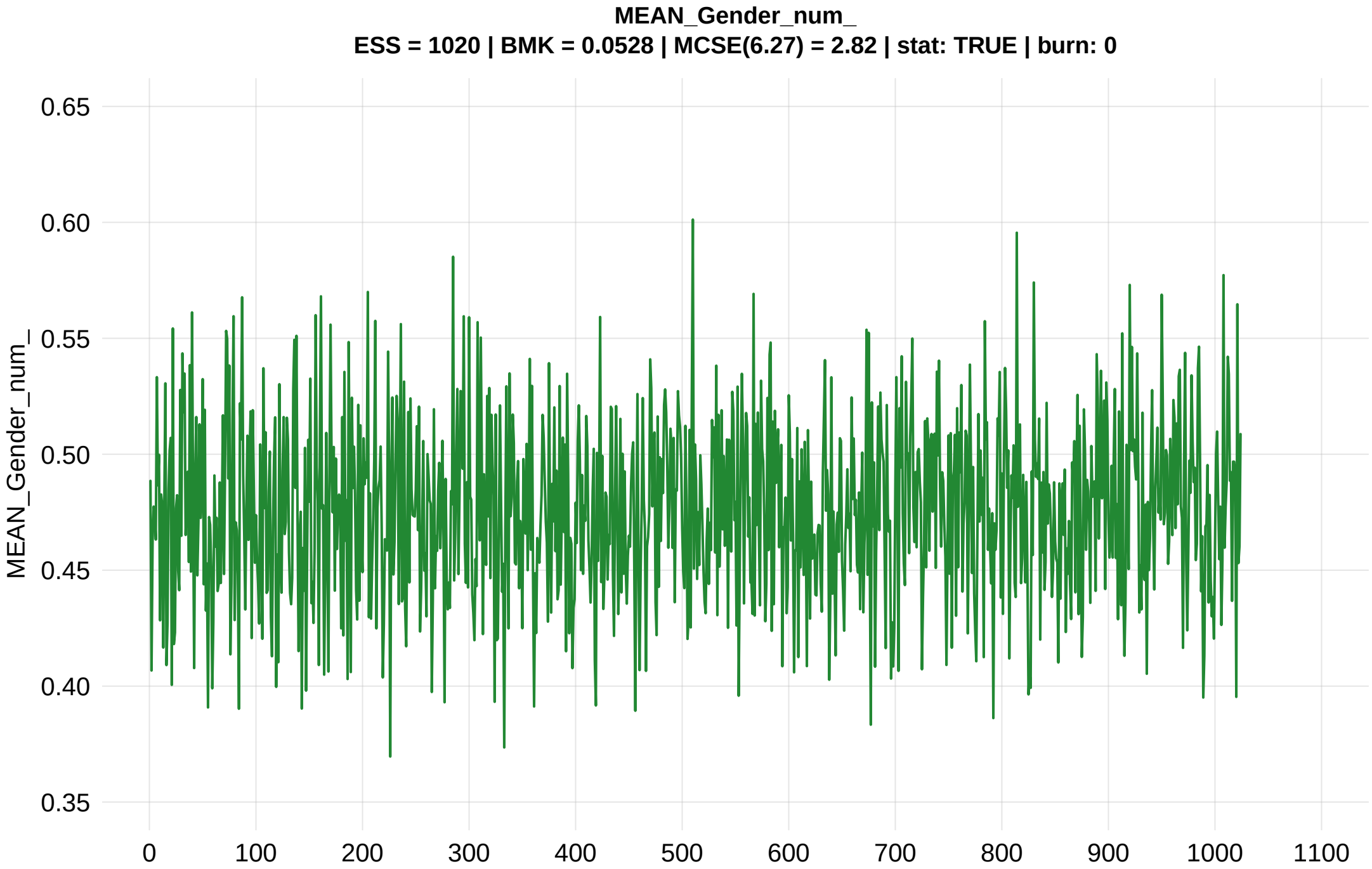

Pdatum4
ESS = 2.22e−16 | BMK = 0.568 | MCSE(6.27) = 3.4 | stat: TRUE | burn: 1020
Pdatum4
−22.0
−22.5
−23.0
−23.5
−24.0
−24.5
−25.0
−25.5
−26.0
−26.5
−27.0
−27.5
−28.0
0
100
200
300
400
500
600
700
800
900
1000
1100

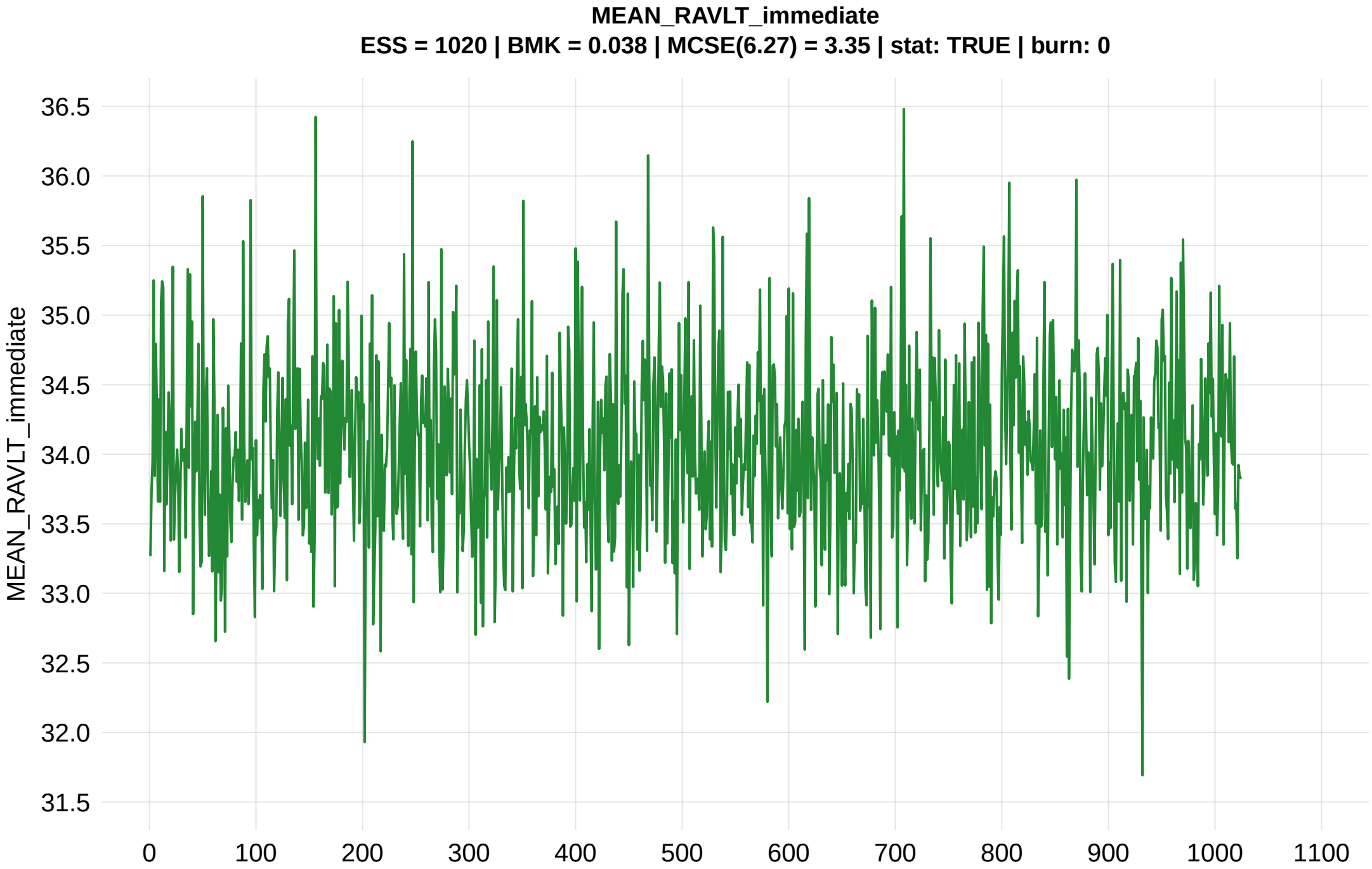

Dcov
ESS = 1020 | BMK = 0.199 | MCSE(6.27) = 3.19 | stat: TRUE | burn: 0
Dcov
−2
−4
−6
−8
−10
−12
−14
−16
−18
0
100
200
300
400
500
600
700
800
900
1000
1100

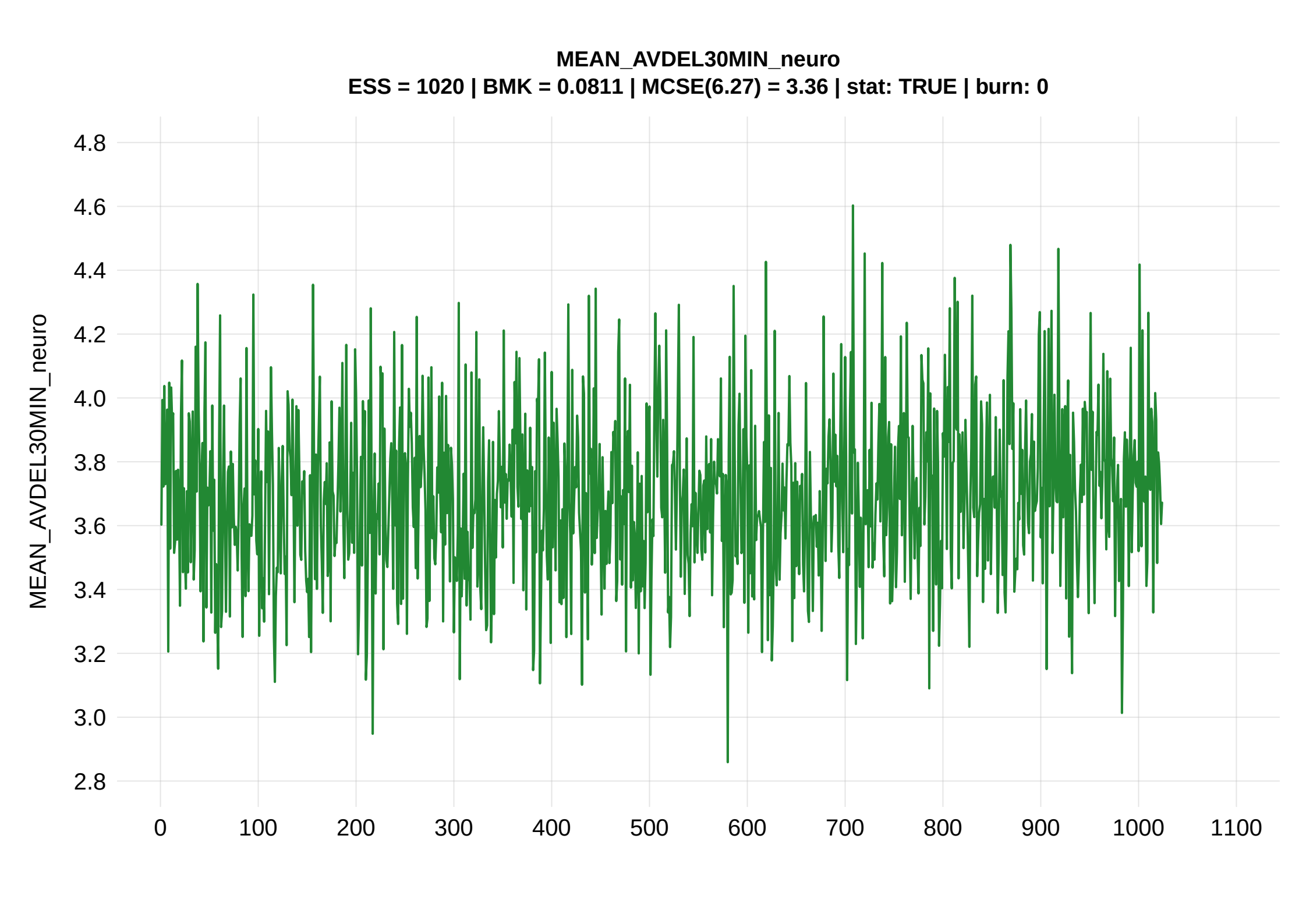

MEAN_log_AGE
ESS = 1020 | BMK = 0.0656 | MCSE(6.27) = 3.39 | stat: FALSE | burn: 0
MEAN_log_AGE
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
0
100
200
300
400
500
600
700
800
900
1000
1100

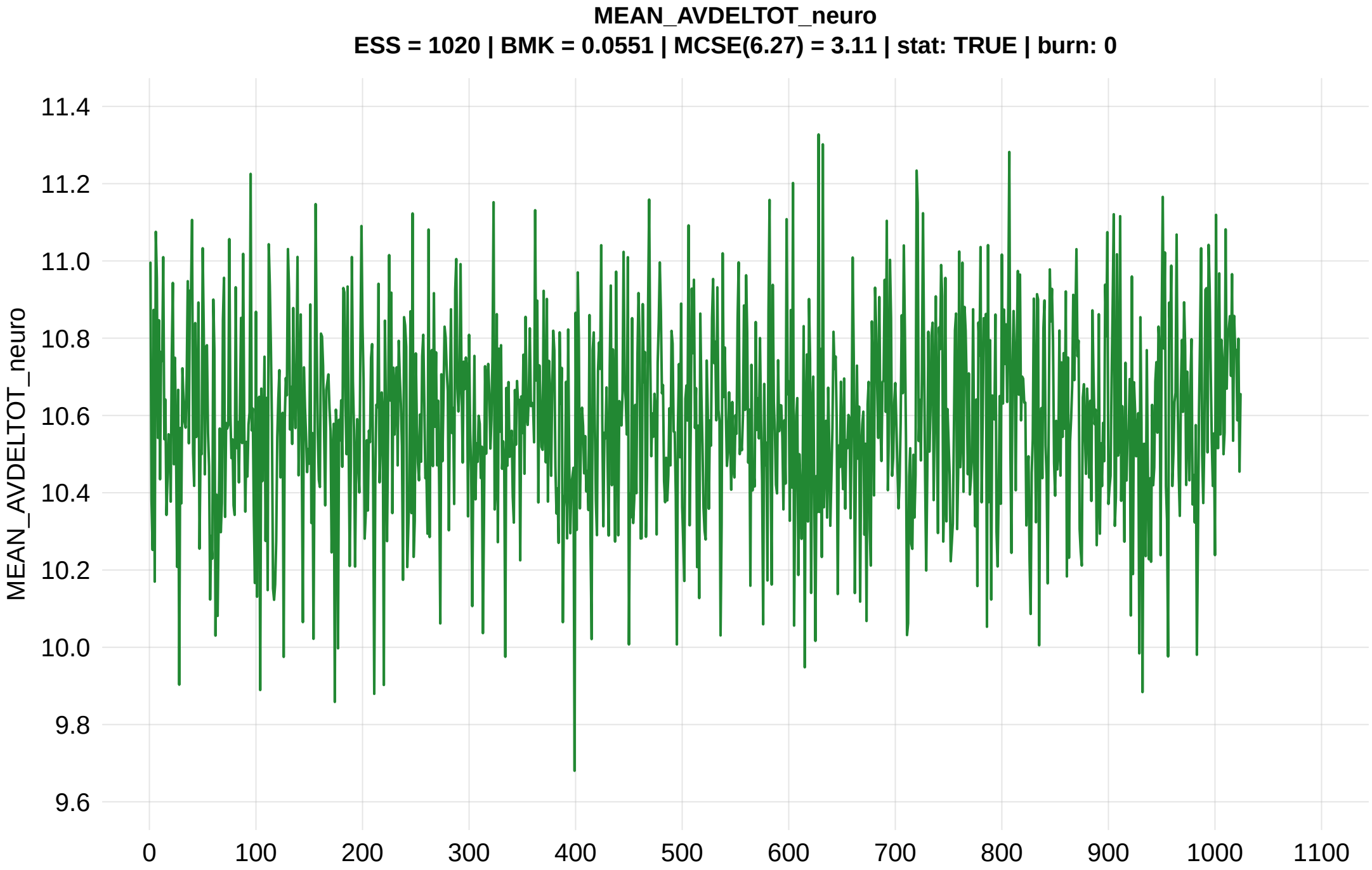

MEAN_log_LRHHC_n_long
ESS = 649 | BMK = 0.0385 | MCSE(6.27) = 3.59 | stat: TRUE | burn: 0
MEAN_log_LRHHC_n_long
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
0
100
200
300
400
500
600
700
800
900
1000
1100

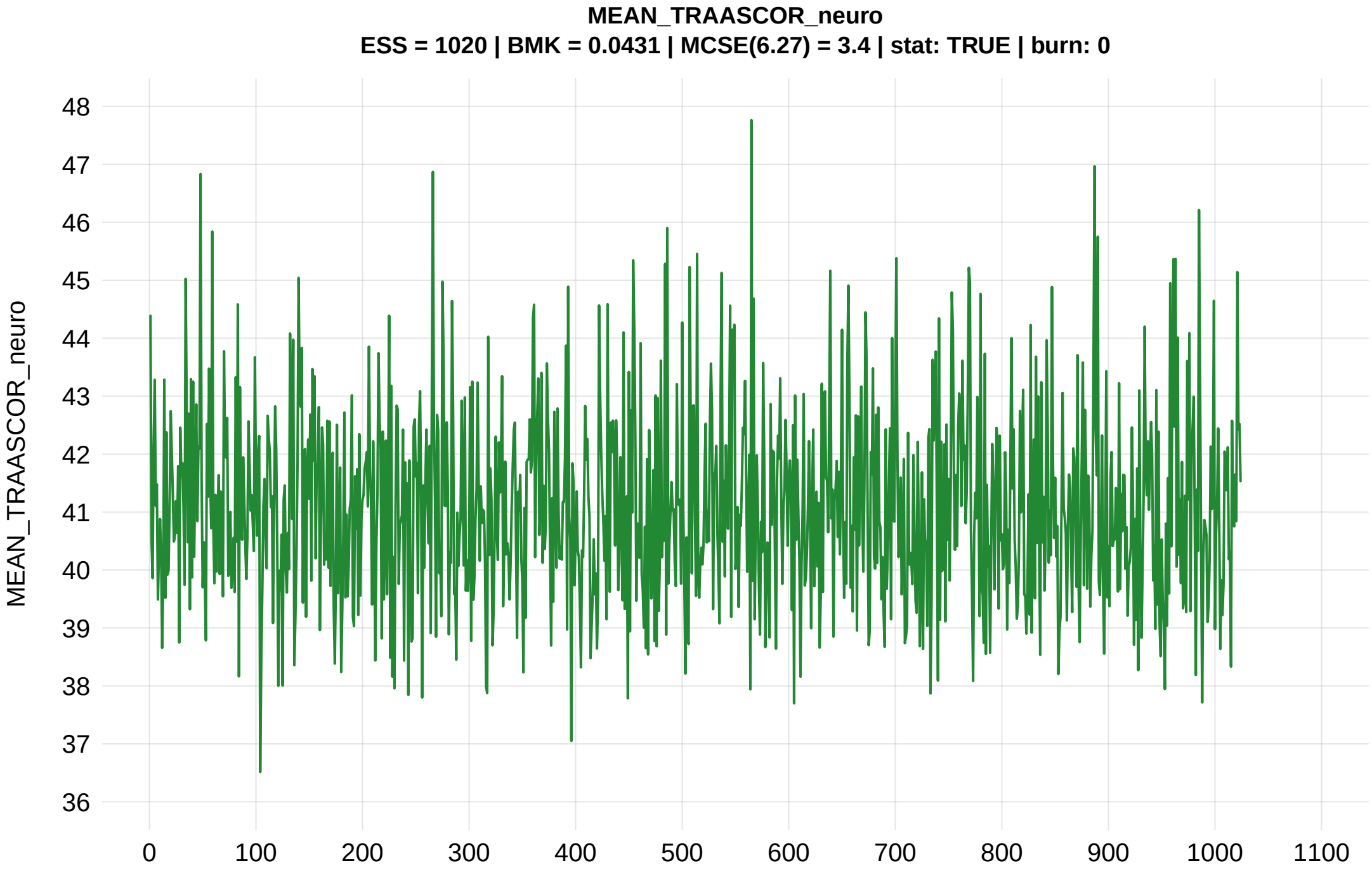

MEAN_int_Subgroup_
ESS = 1020 | BMK = 0.0711 | MCSE(6.27) = 3.45 | stat: TRUE | burn: 0
MEAN_int_Subgroup_
0.75
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0
100
200
300
400
500
600
700
800
900
1000
1100

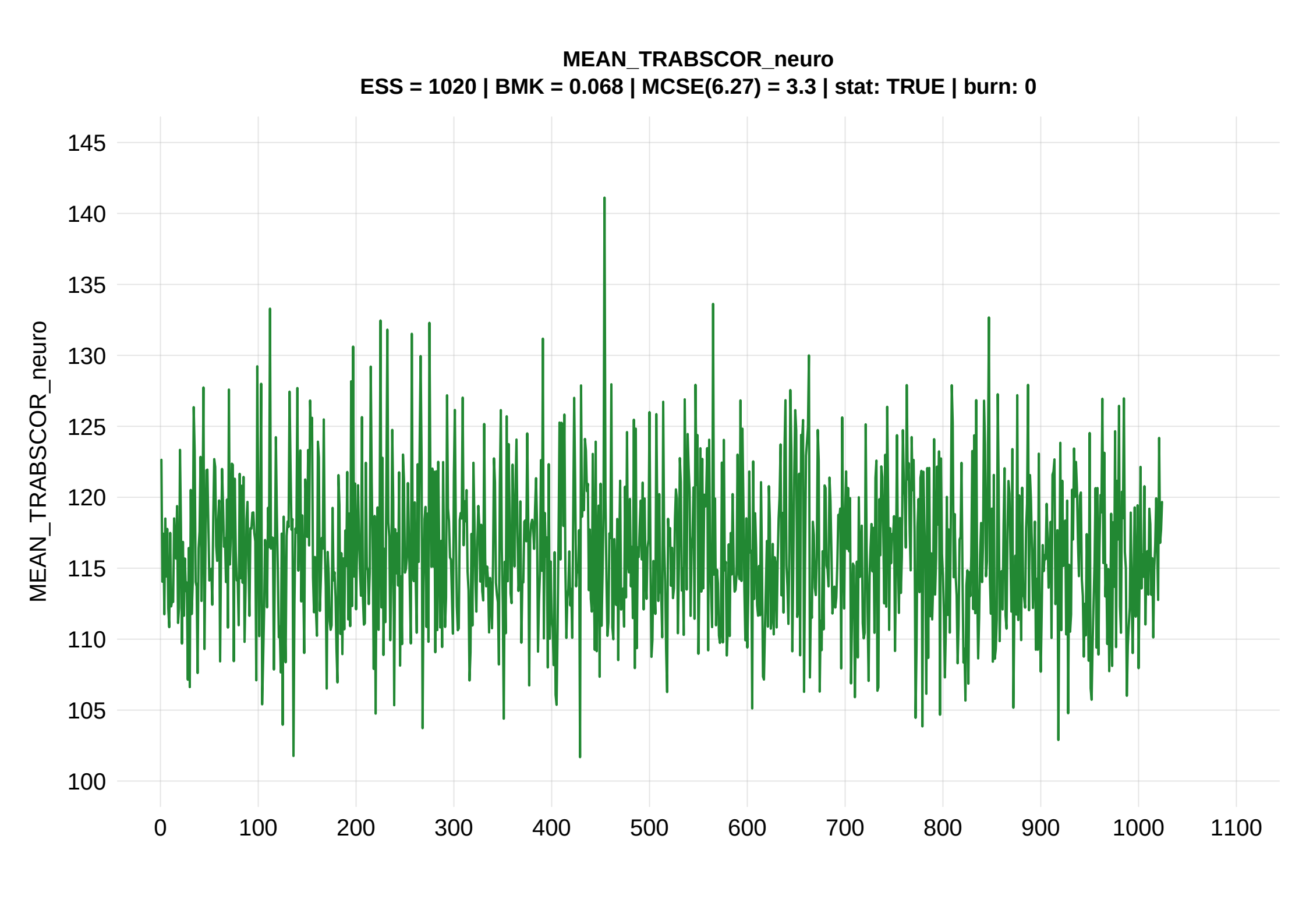

MEAN_Gender_num_
ESS = 1020 | BMK = 0.0528 | MCSE(6.27) = 2.82 | stat: TRUE | burn: 0
MEAN_Gender_num_
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0
100
200
300
400
500
600
700
800
900
1000
1100

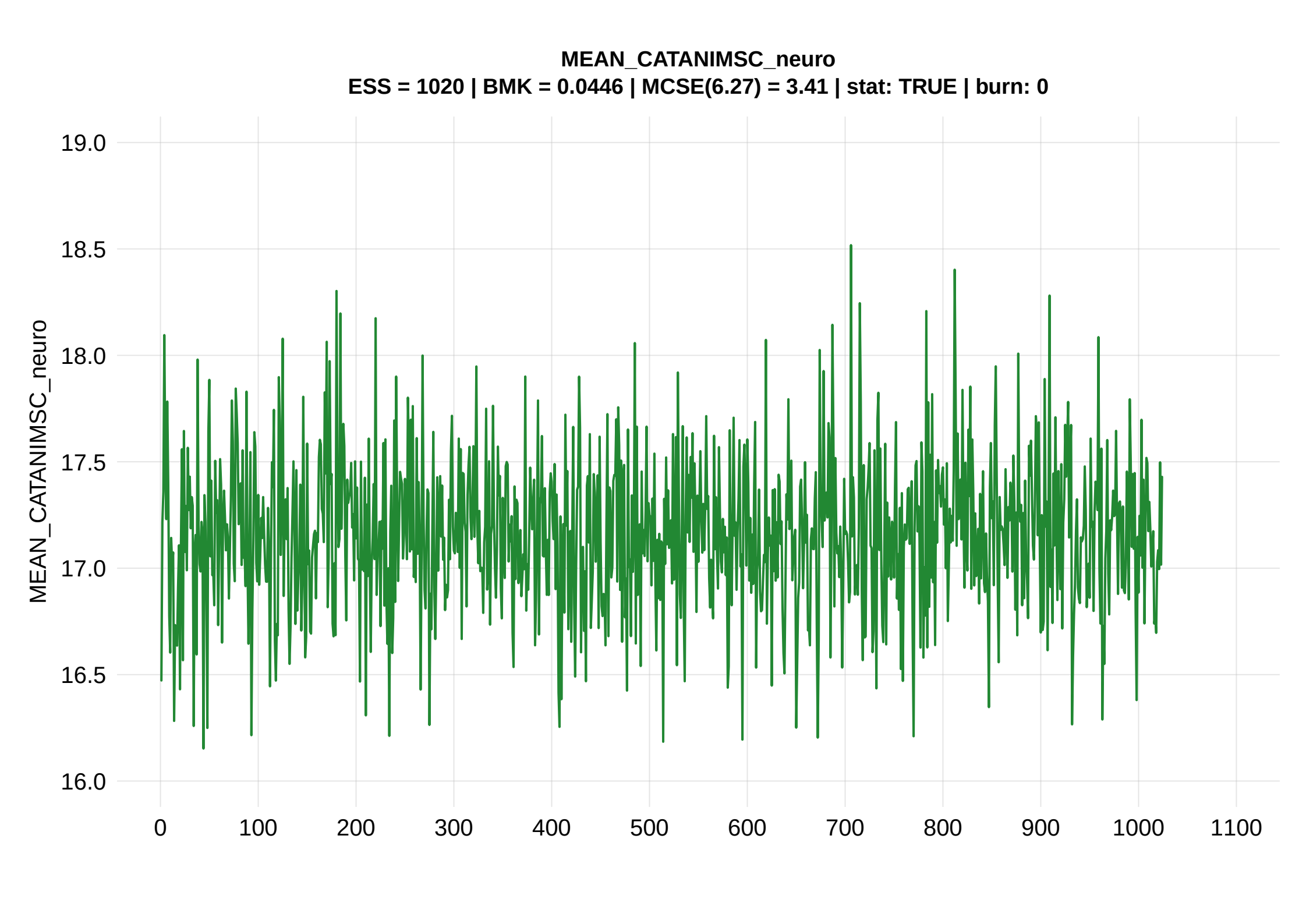

MEAN_RAVLT_immediate
ESS = 1020 | BMK = 0.038 | MCSE(6.27) = 3.35 | stat: TRUE | burn: 0
MEAN_RAVLT_immediate
36.5
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
0
100
200
300
400
500
600
700
800
900
1000
1100

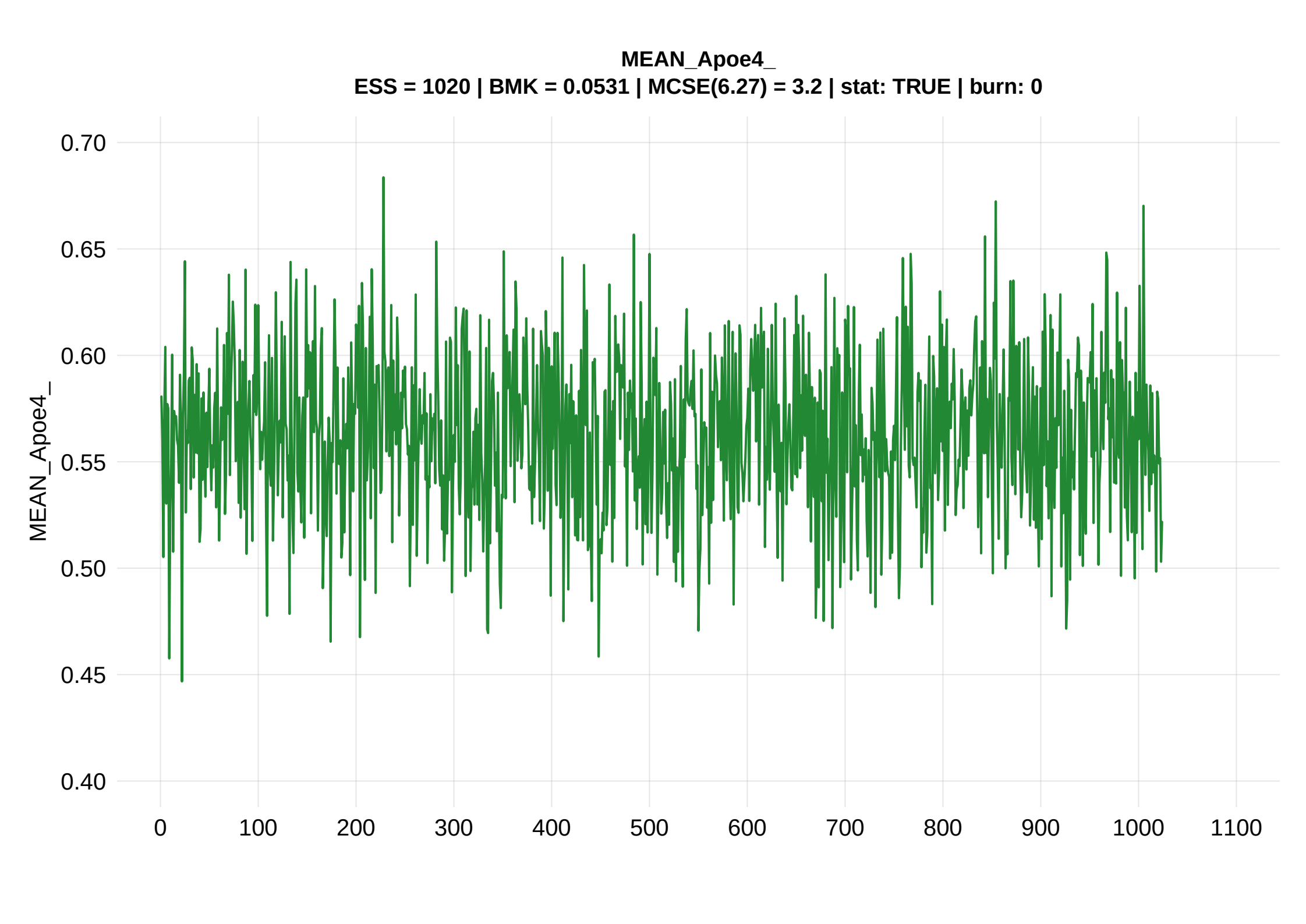

MEAN_AVDEL30MIN_neuro
ESS = 1020 | BMK = 0.0811 | MCSE(6.27) = 3.36 | stat: TRUE | burn: 0
MEAN_AVDEL30MIN_neuro
4.8
4.6
4.4
4.2
4.0
3.8
3.6
3.4
3.2
3.0
2.8
0
100
200
300
400
500
600
700
800
900
1000
1100

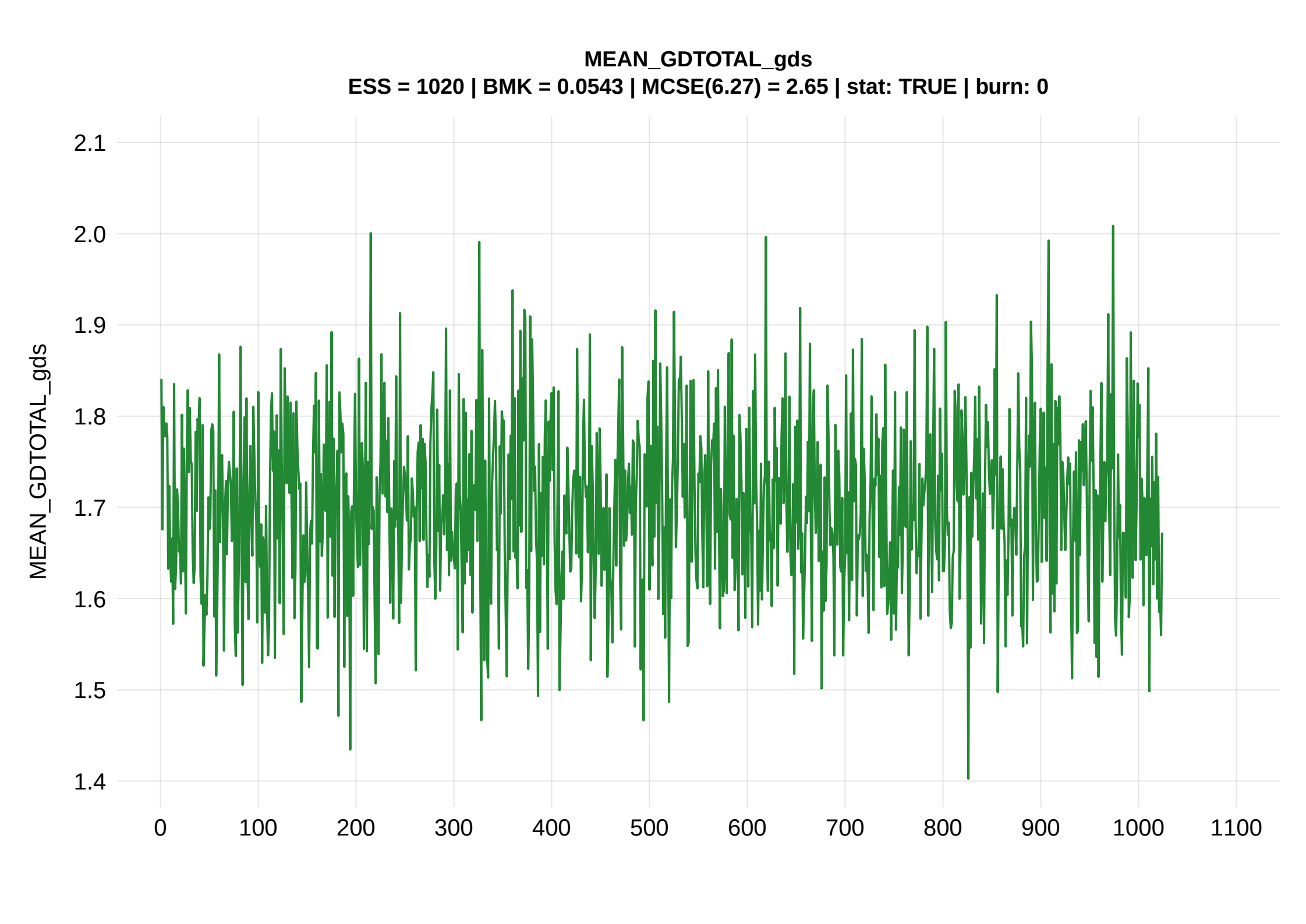

MEAN_AVDELTOT_neuro
ESS = 1020 | BMK = 0.0551 | MCSE(6.27) = 3.11 | stat: TRUE | burn: 0
MEAN_AVDELTOT_neuro
11.4
11.2
11.0
10.8
10.6
10.4
10.2
10.0
9.8
9.6
0
100
200
300
400
500
600
700
800
900
1000
1100

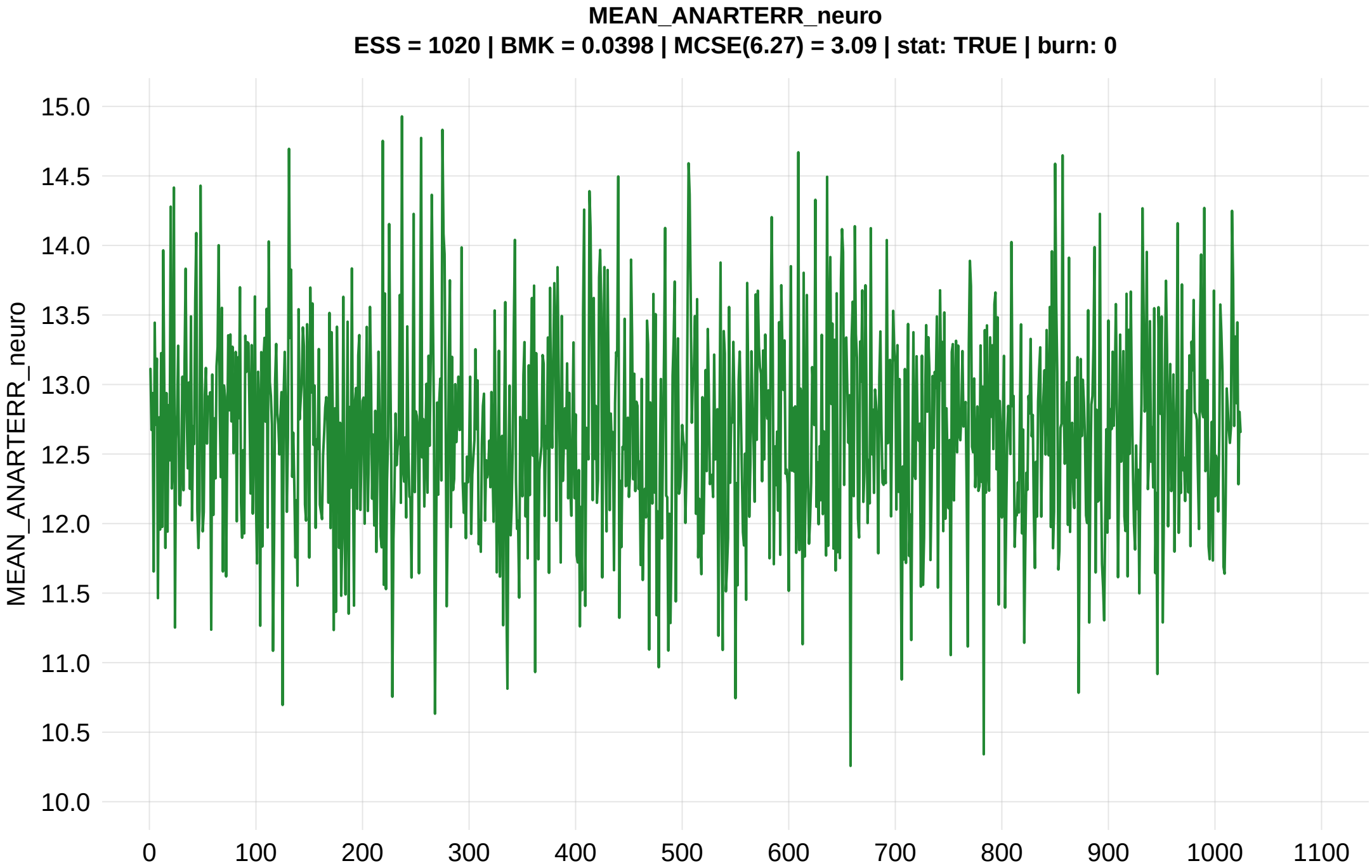

MEAN_TRAASCOR_neuro
ESS = 1020 | BMK = 0.0431 | MCSE(6.27) = 3.4 | stat: TRUE | burn: 0
MEAN_TRAASCOR_neuro
48
47
46
45
44
43
42
41
40
39
38
37
36
0
100
200
300
400
500
600
700
800
900
1000
1100

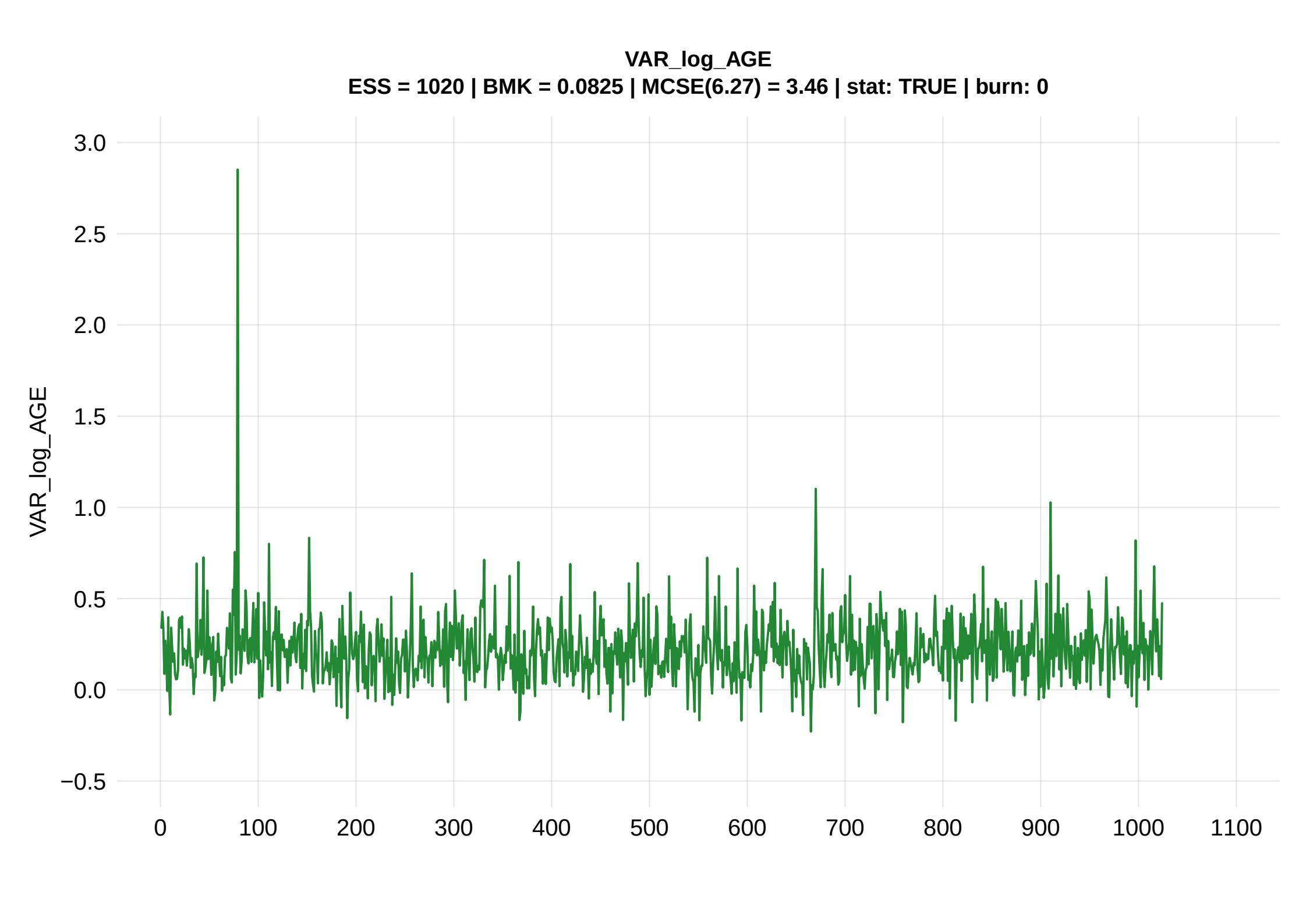

MEAN_TRABSCOR_neuro
ESS = 1020 | BMK = 0.068 | MCSE(6.27) = 3.3 | stat: TRUE | burn: 0
MEAN_TRABSCOR_neuro
145
140
135
130
125
120
115
110
105
100
0
100
200
300
400
500
600
700
800
900
1000
1100

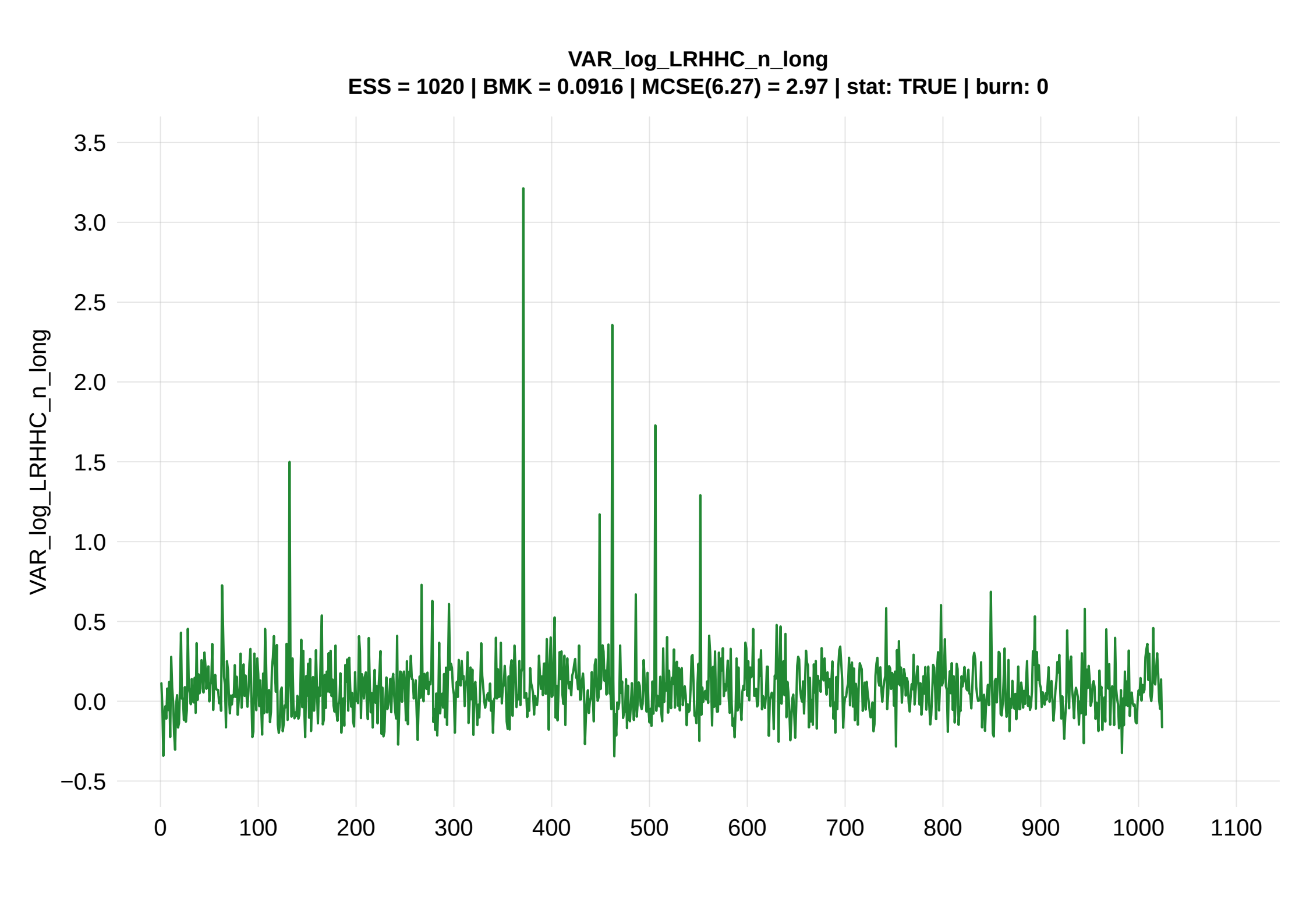

MEAN_CATANIMSC_neuro
ESS = 1020 | BMK = 0.0446 | MCSE(6.27) = 3.41 | stat: TRUE | burn: 0
MEAN_CATANIMSC_neuro
19.0
18.5
18.0
17.5
17.0
16.5
16.0
0
100
200
300
400
500
600
700
800
900
1000
1100

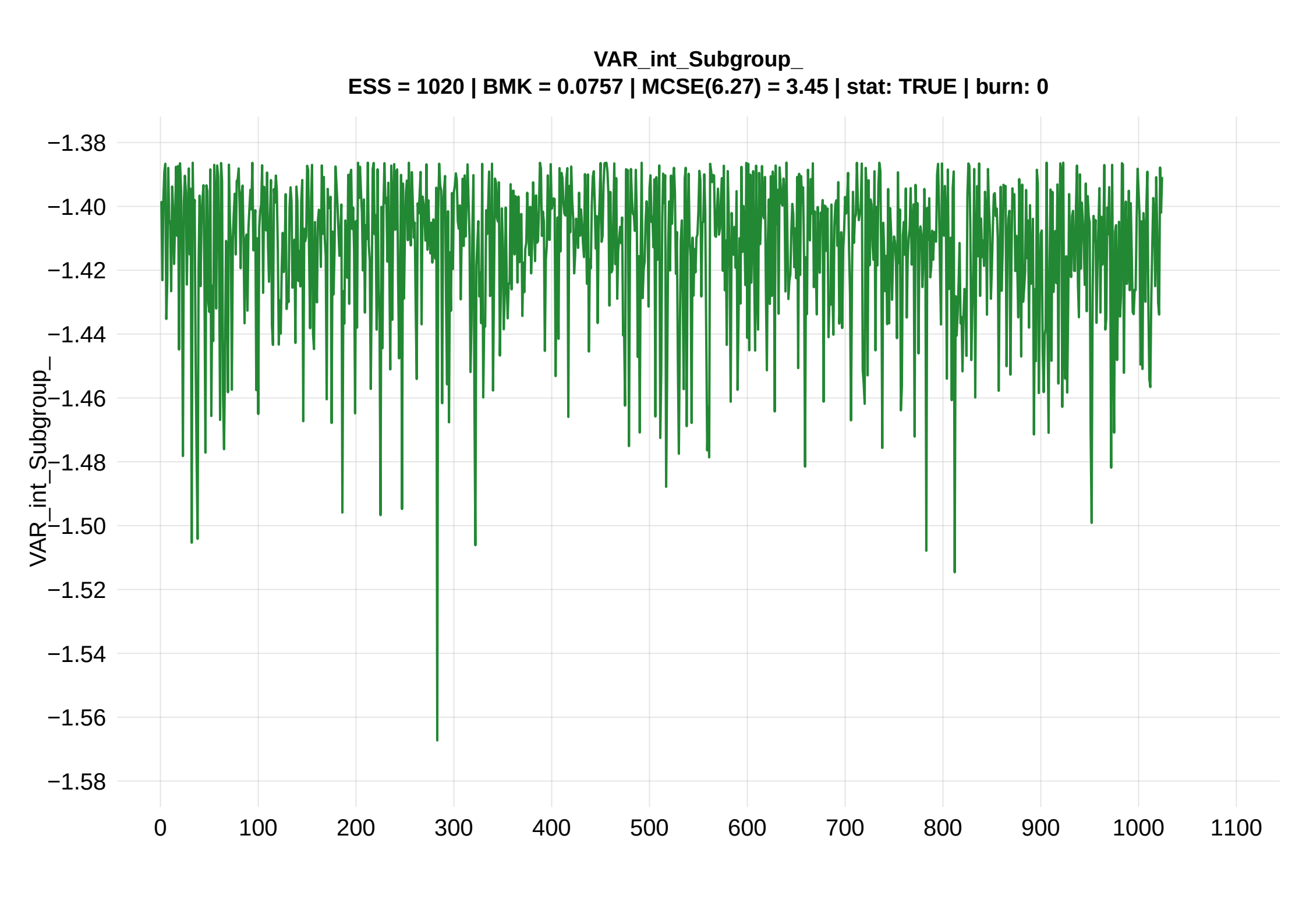

MEAN_Apoe4_
ESS = 1020 | BMK = 0.0531 | MCSE(6.27) = 3.2 | stat: TRUE | burn: 0
MEAN_Apoe4_
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0
100
200
300
400
500
600
700
800
900
1000
1100

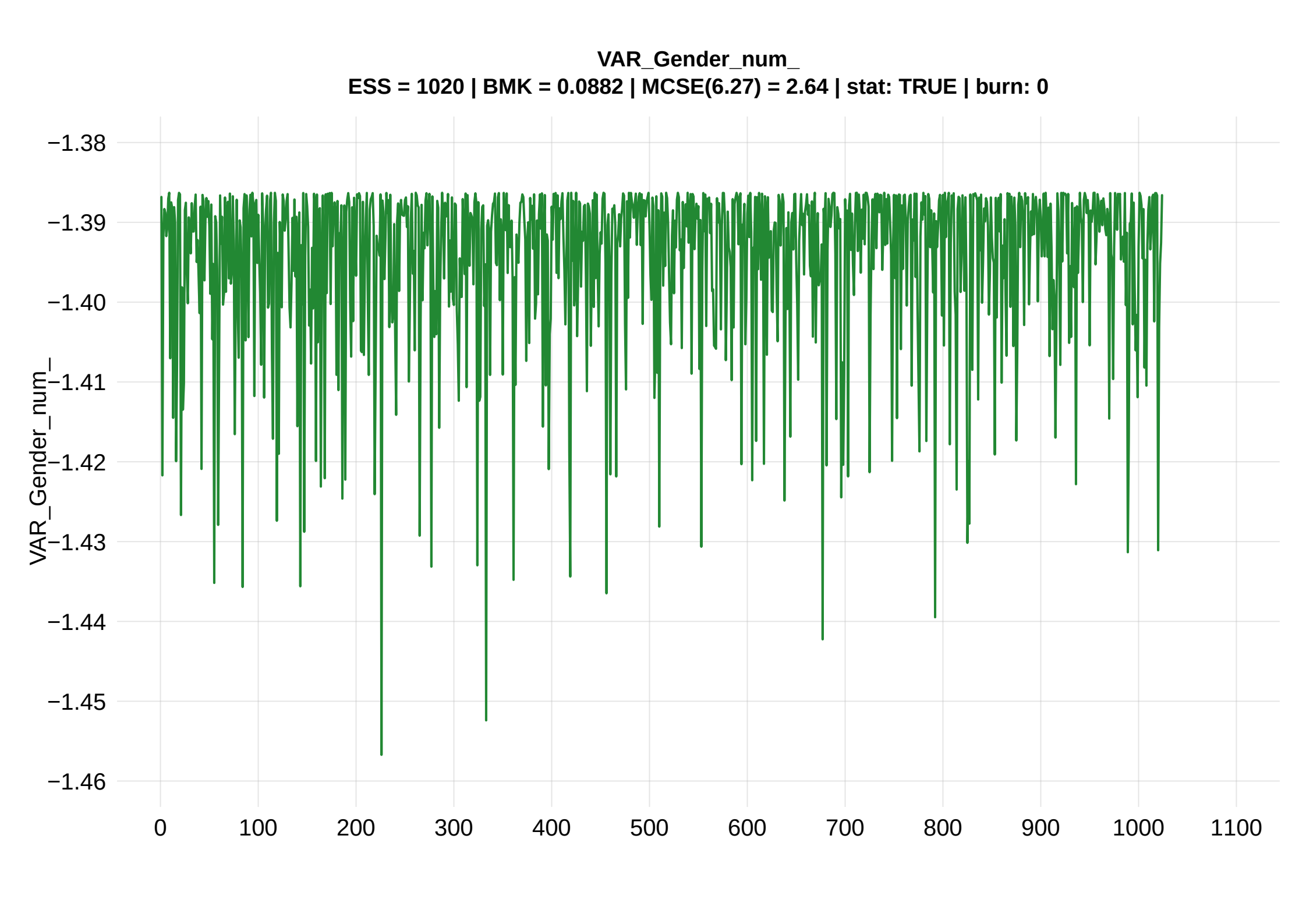

MEAN_GDTOTAL_gds
ESS = 1020 | BMK = 0.0543 | MCSE(6.27) = 2.65 | stat: TRUE | burn: 0
MEAN_GDTOTAL_gds
2.1
2.0
1.9
1.8
1.7
1.6
1.5
1.4
0
100
200
300
400
500
600
700
800
900
1000
1100

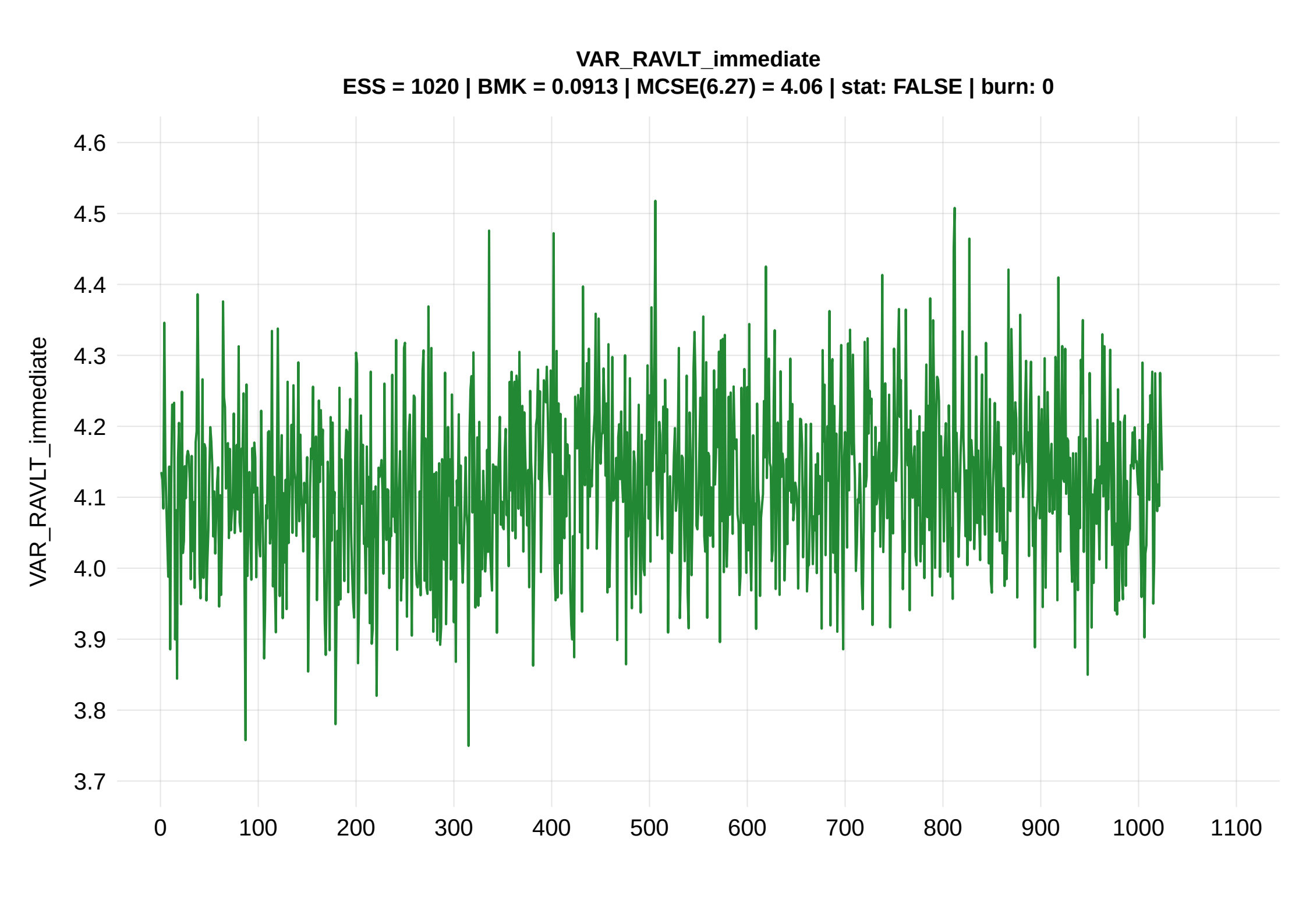

MEAN_ANARTERR_neuro
ESS = 1020 | BMK = 0.0398 | MCSE(6.27) = 3.09 | stat: TRUE | burn: 0
MEAN_ANARTERR_neuro
15.0
14.5
14.0
13.5
13.0
12.5
12.0
11.5
11.0
10.5
10.0
0
100
200
300
400
500
600
700
800
900
1000
1100

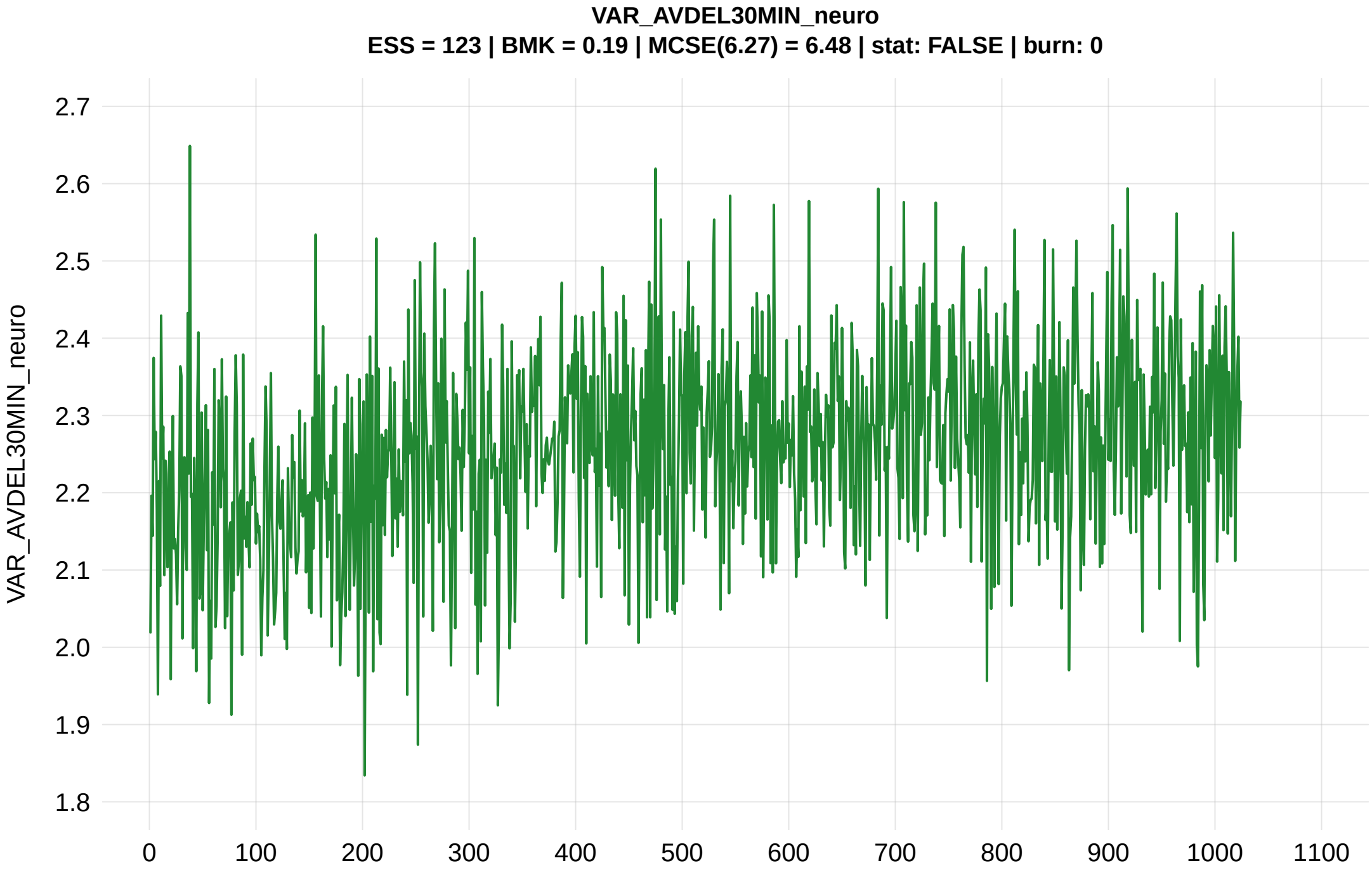

VAR_log_AGE
ESS = 1020 | BMK = 0.0825 | MCSE(6.27) = 3.46 | stat: TRUE | burn: 0
VAR_log_AGE
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
100
200
300
400
500
600
700
800
900
1000
1100

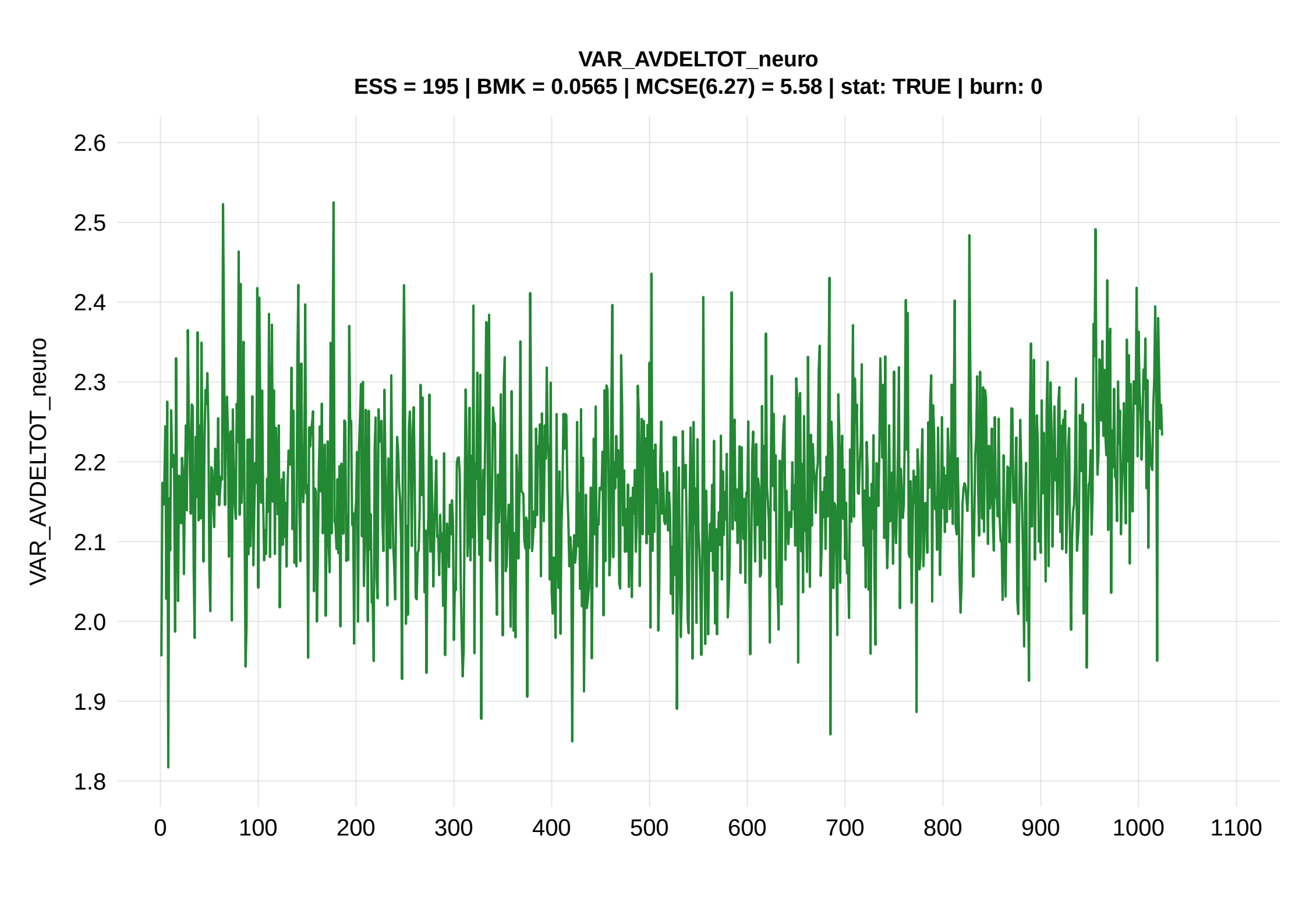

VAR_log_LRHHC_n_long
ESS = 1020 | BMK = 0.0916 | MCSE(6.27) = 2.97 | stat: TRUE | burn: 0
VAR_log_LRHHC_n_long
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
100
200
300
400
500
600
700
800
900
1000
1100

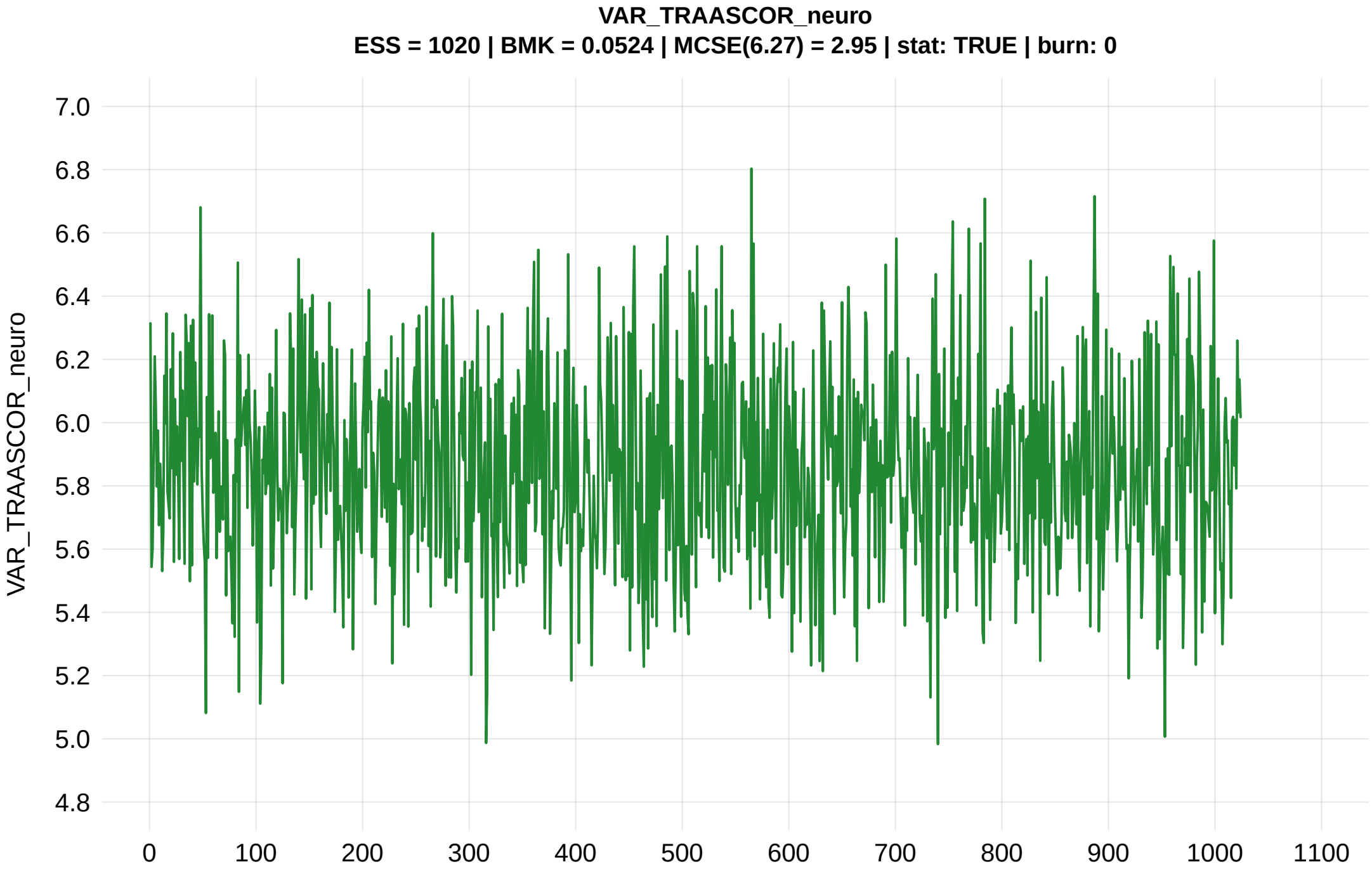

VAR_int_Subgroup_
ESS = 1020 | BMK = 0.0757 | MCSE(6.27) = 3.45 | stat: TRUE | burn: 0
VAR_int_Subgroup_
−1.38
−1.40
−1.42
−1.44
−1.46
−1.48
−1.50
−1.52
−1.54
−1.56
−1.58
0
100
200
300
400
500
600
700
800
900
1000
1100

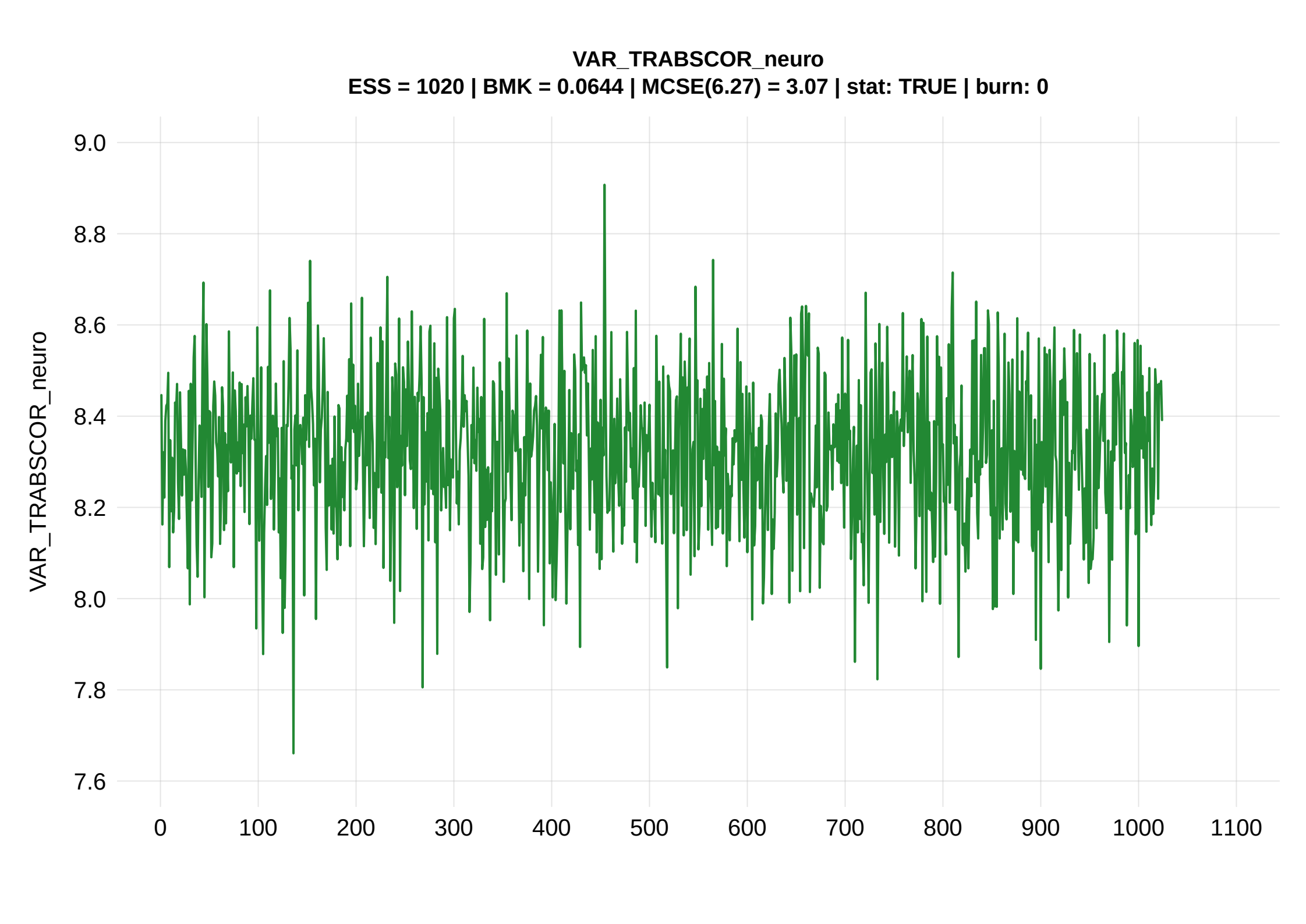

VAR_Gender_num_
ESS = 1020 | BMK = 0.0882 | MCSE(6.27) = 2.64 | stat: TRUE | burn: 0
VAR_Gender_num_
−1.38
−1.39
−1.40
−1.41
−1.42
−1.43
−1.44
−1.45
−1.46
0
100
200
300
400
500
600
700
800
900
1000
1100

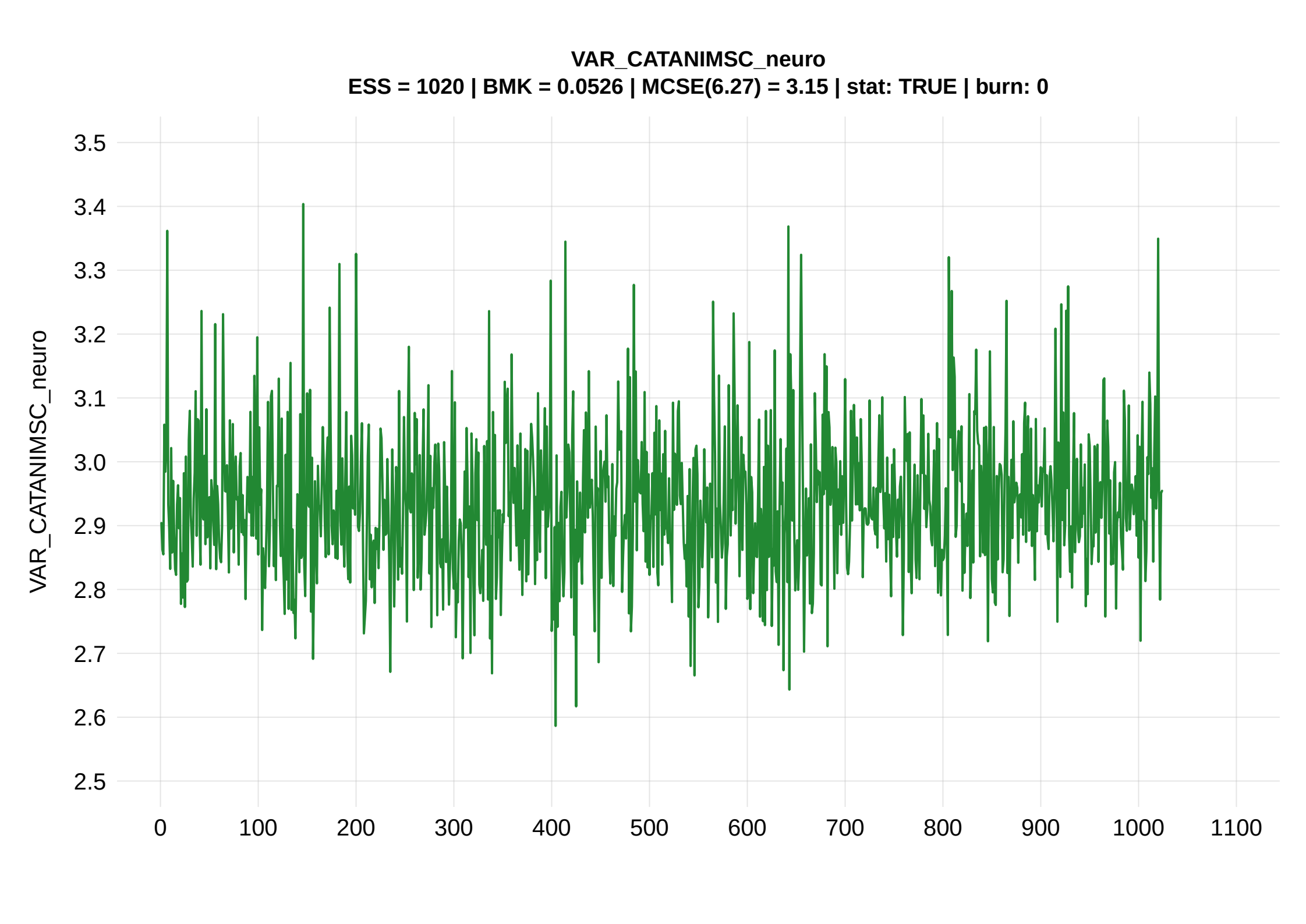

VAR_RAVLT_immediate
ESS = 1020 | BMK = 0.0913 | MCSE(6.27) = 4.06 | stat: FALSE | burn: 0
VAR_RAVLT_immediate
4.6
4.5
4.4
4.3
4.2
4.1
4.0
3.9
3.8
3.7
0
100
200
300
400
500
600
700
800
900
1000
1100

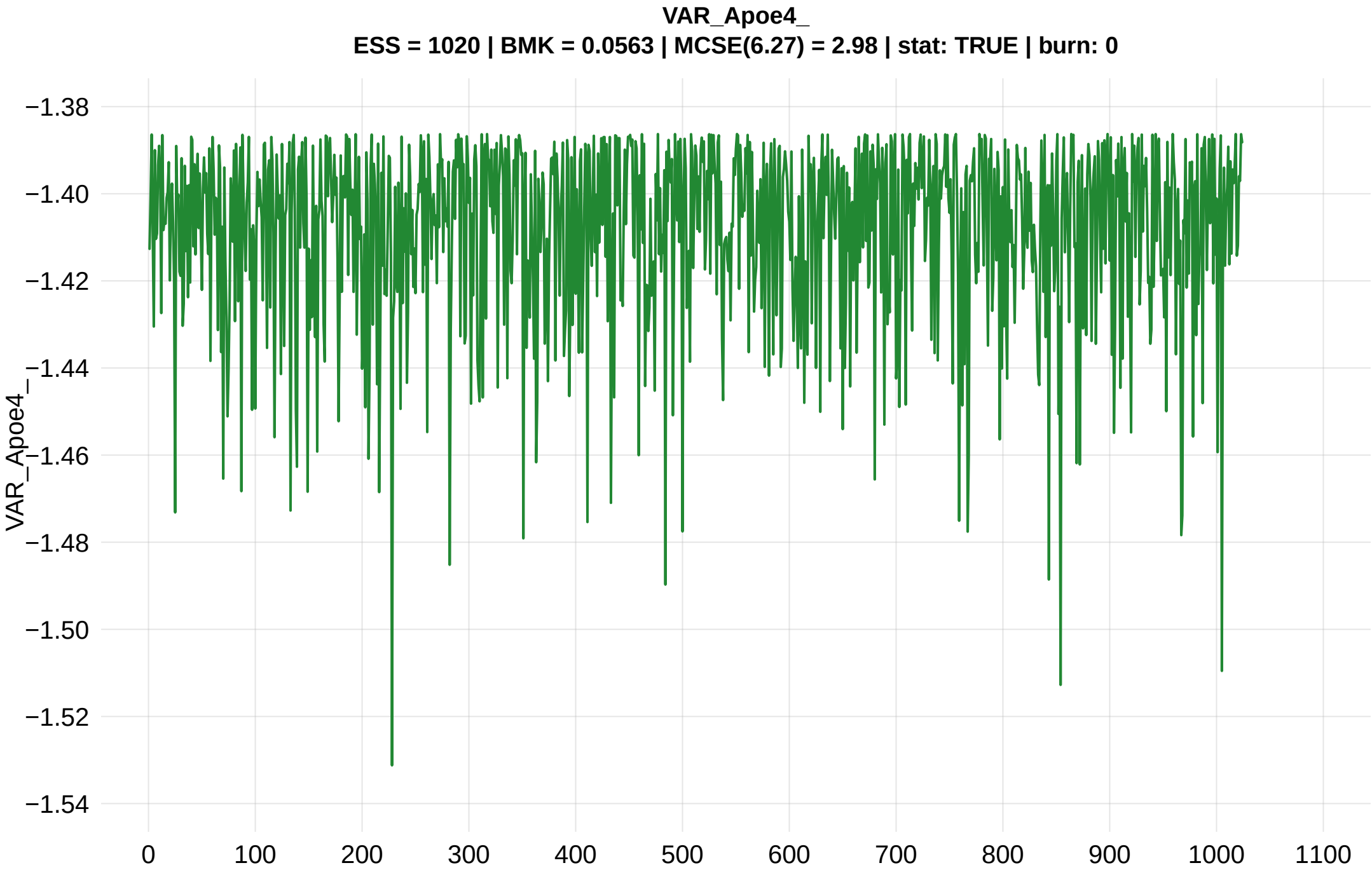

VAR_AVDEL30MIN_neuro
ESS = 123 | BMK = 0.19 | MCSE(6.27) = 6.48 | stat: FALSE | burn: 0
VAR_AVDEL30MIN_neuro
2.7
2.6
2.5
2.4
2.3
2.2
2.1
2.0
1.9
1.8
0
100
200
300
400
500
600
700
800
900
1000
1100

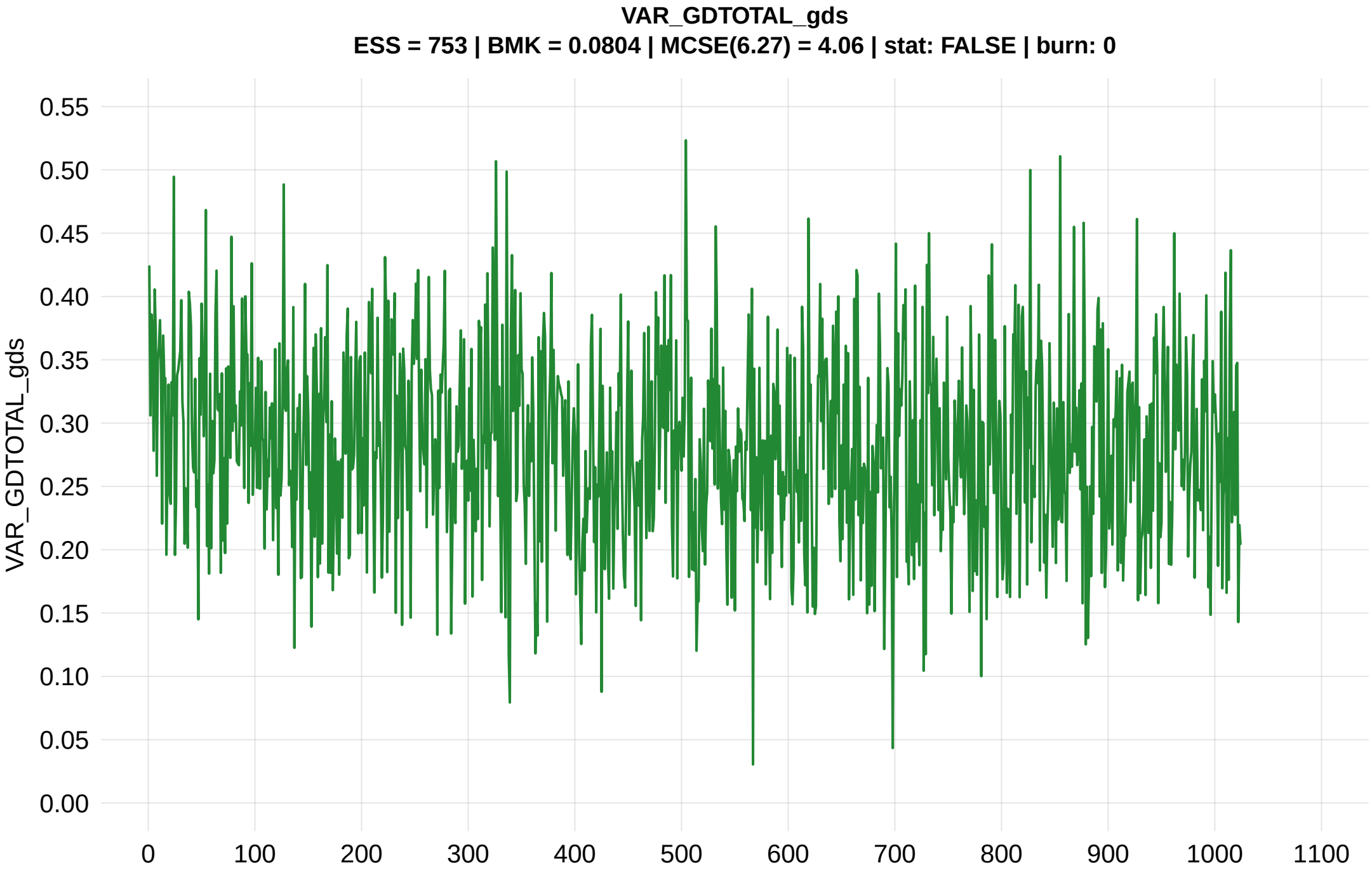

VAR_AVDELTOT_neuro
ESS = 195 | BMK = 0.0565 | MCSE(6.27) = 5.58 | stat: TRUE | burn: 0
VAR_AVDELTOT_neuro
2.6
2.5
2.4
2.3
2.2
2.1
2.0
1.9
1.8
0
100
200
300
400
500
600
700
800
900
1000
1100

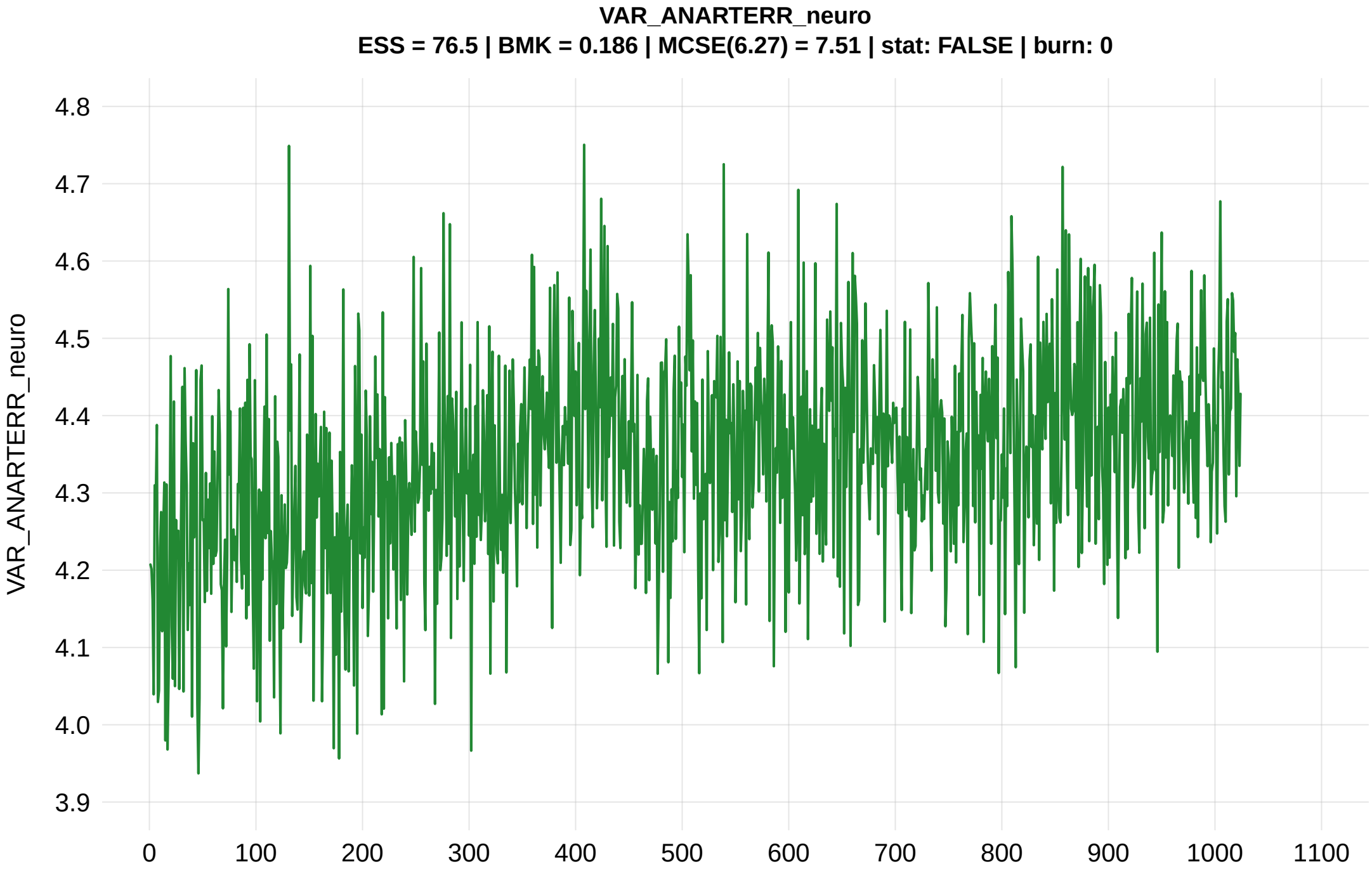

VAR_TRAASCOR_neuro
ESS = 1020 | BMK = 0.0524 | MCSE(6.27) = 2.95 | stat: TRUE | burn: 0
VAR_TRAASCOR_neuro
7.0
6.8
6.6
6.4
6.2
6.0
5.8
5.6
5.4
5.2
5.0
4.8
0
100
200
300
400
500
600
700
800
900
1000
1100

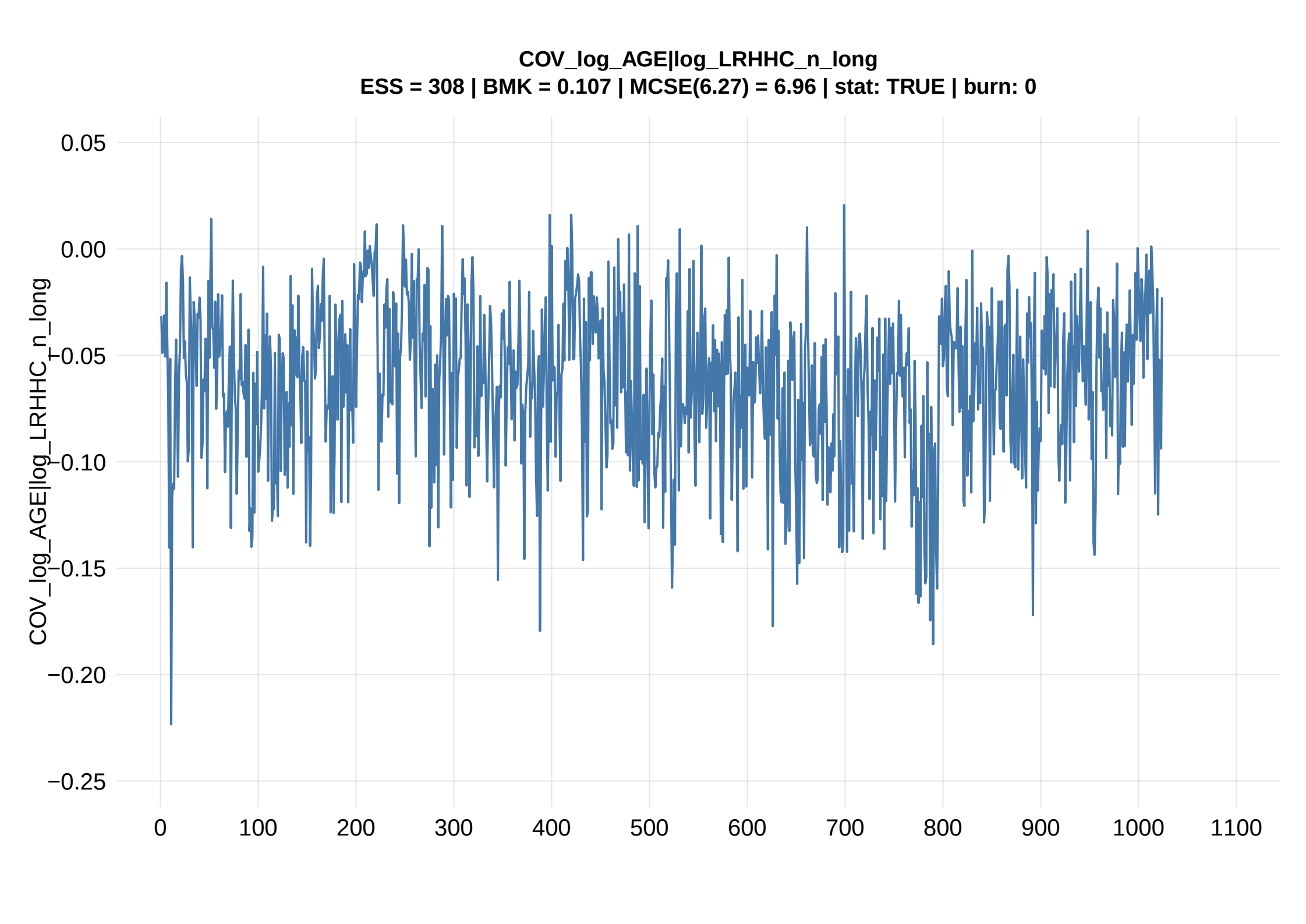

VAR_TRABSCOR_neuro
ESS = 1020 | BMK = 0.0644 | MCSE(6.27) = 3.07 | stat: TRUE | burn: 0
VAR_TRABSCOR_neuro
9.0
8.8
8.6
8.4
8.2
8.0
7.8
7.6
0
100
200
300
400
500
600
700
800
900
1000
1100

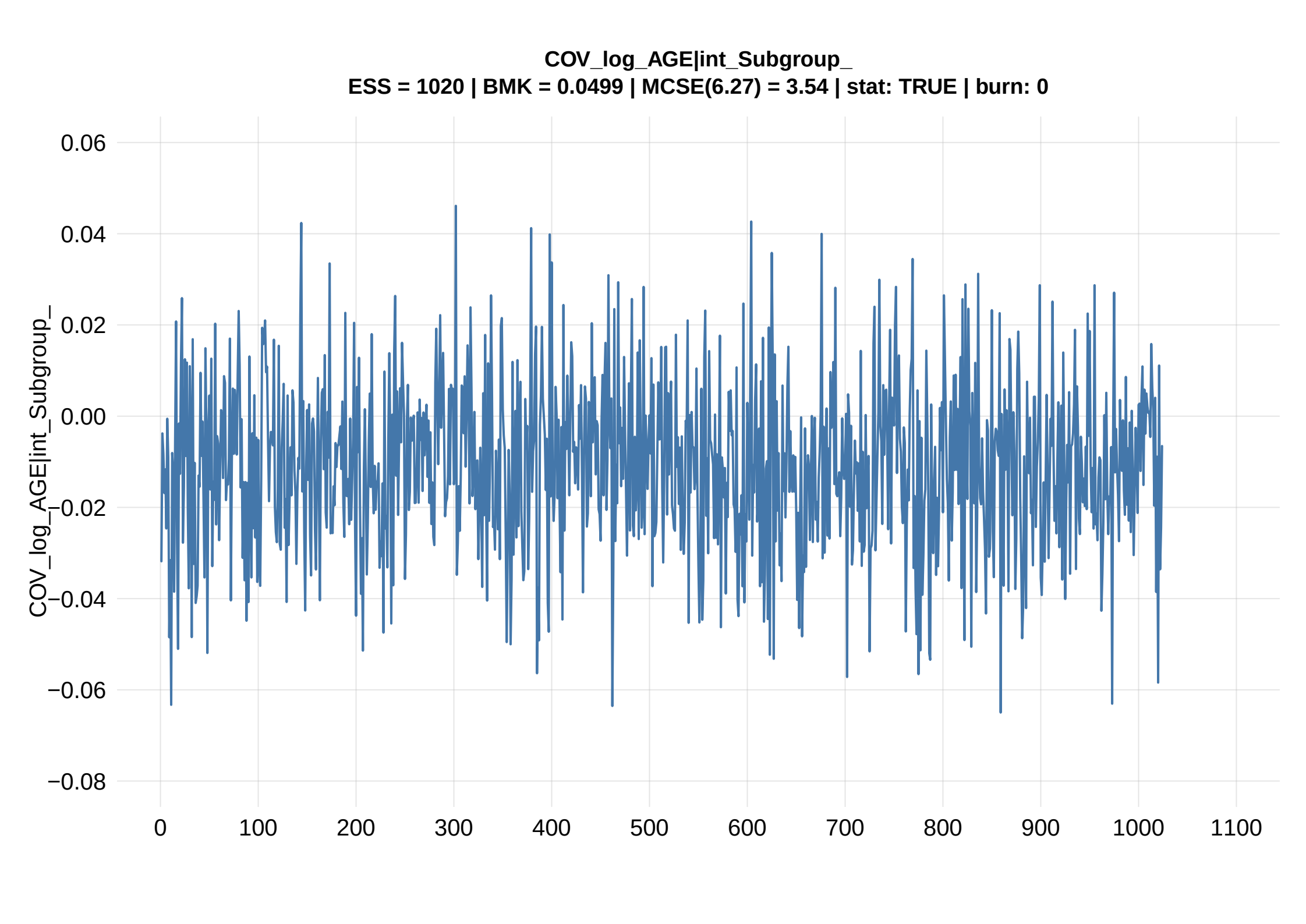

VAR_CATANIMSC_neuro
ESS = 1020 | BMK = 0.0526 | MCSE(6.27) = 3.15 | stat: TRUE | burn: 0
VAR_CATANIMSC_neuro
3.5
3.4
3.3
3.2
3.1
3.0
2.9
2.8
2.7
2.6
2.5
0
100
200
300
400
500
600
700
800
900
1000
1100

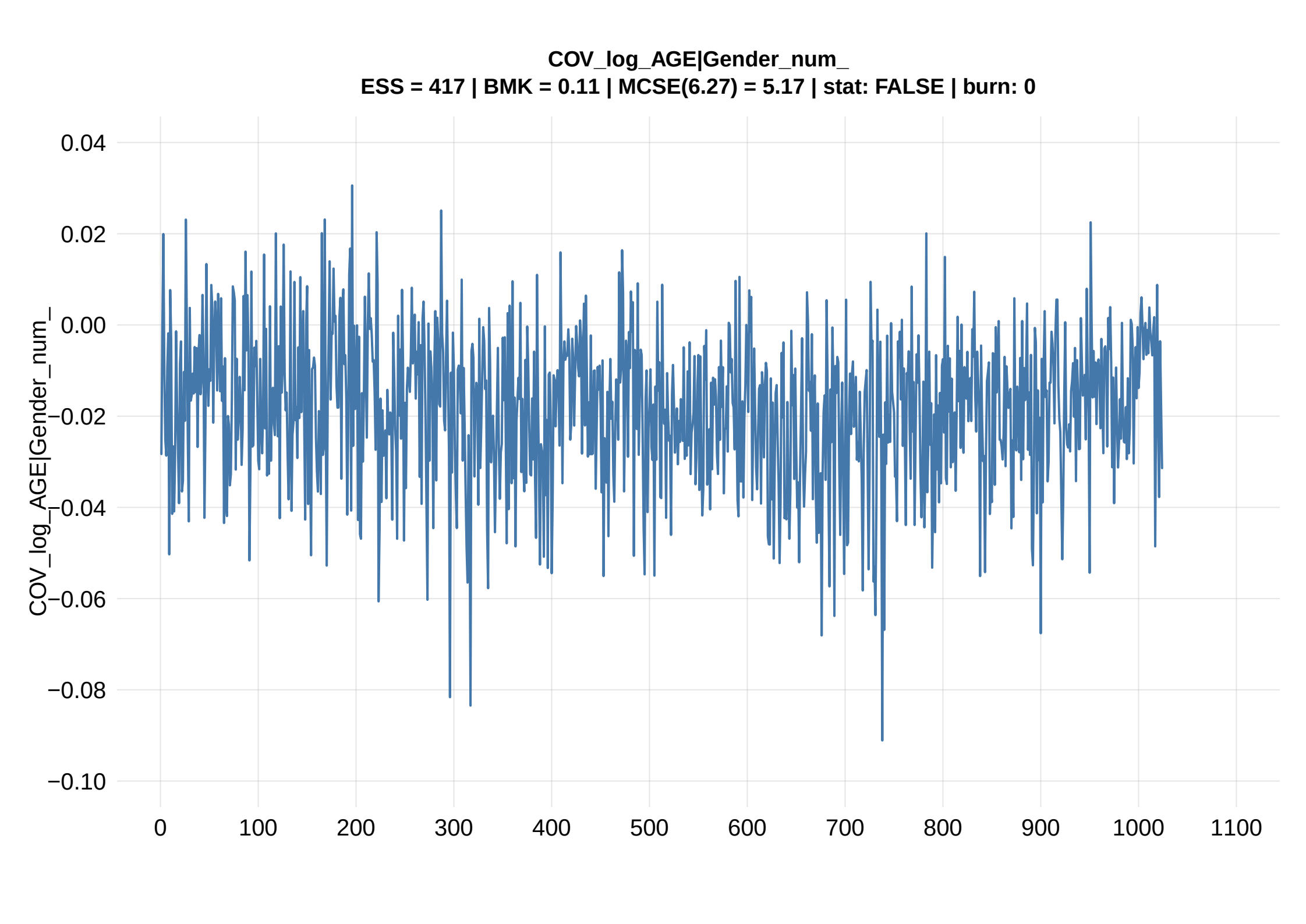

VAR_Apoe4_
ESS = 1020 | BMK = 0.0563 | MCSE(6.27) = 2.98 | stat: TRUE | burn: 0
VAR_Apoe4_
−1.38
−1.40
−1.42
−1.44
−1.46
−1.48
−1.50
−1.52
−1.54
0
100
200
300
400
500
600
700
800
900
1000
1100

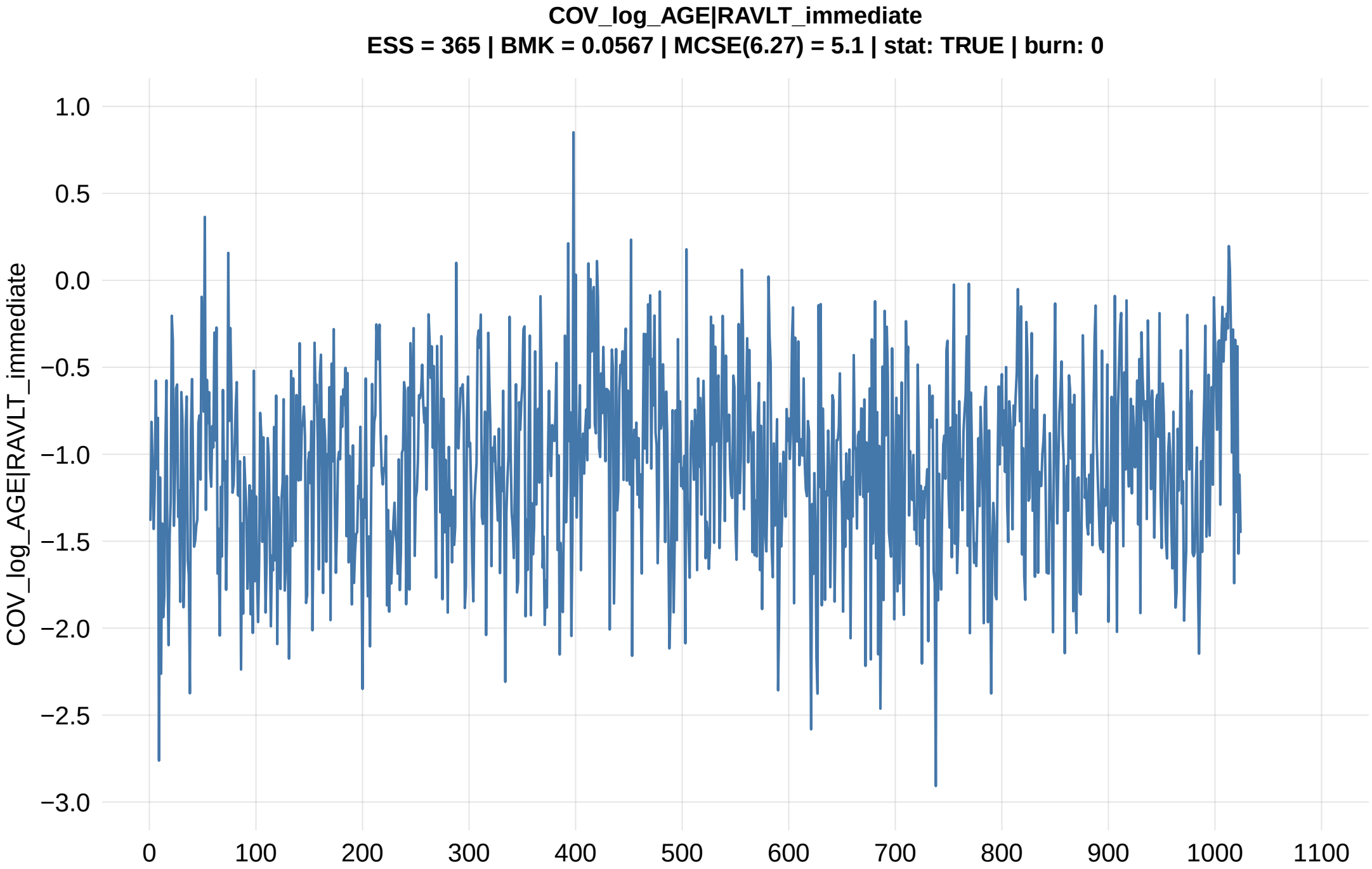

VAR_GDTOTAL_gds
ESS = 753 | BMK = 0.0804 | MCSE(6.27) = 4.06 | stat: FALSE | burn: 0
VAR_GDTOTAL_gds
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
100
200
300
400
500
600
700
800
900
1000
1100

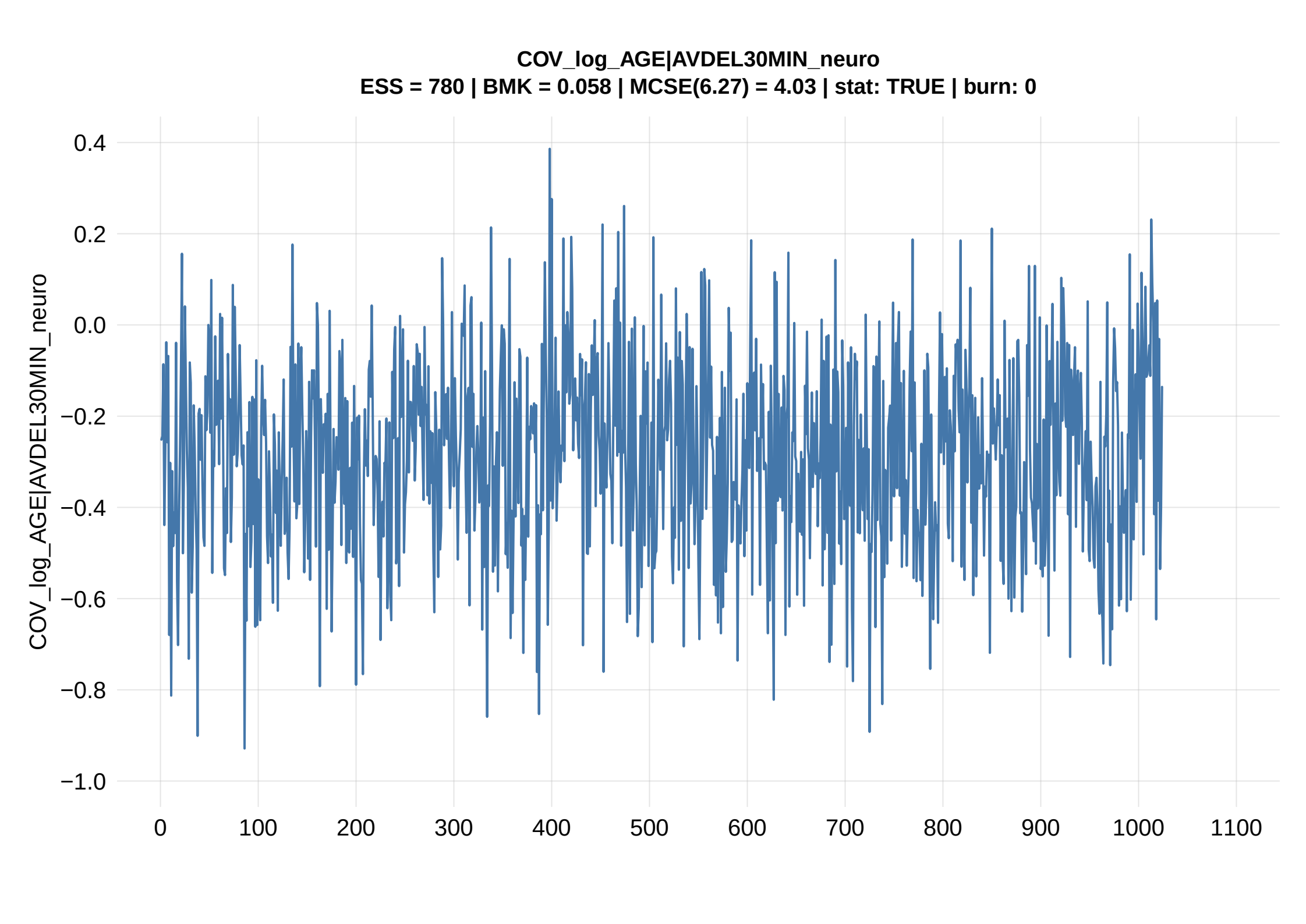

VAR_ANARTERR_neuro
ESS = 76.5 | BMK = 0.186 | MCSE(6.27) = 7.51 | stat: FALSE | burn: 0
VAR_ANARTERR_neuro
4.8
4.7
4.6
4.5
4.4
4.3
4.2
4.1
4.0
3.9
0
100
200
300
400
500
600
700
800
900
1000
1100

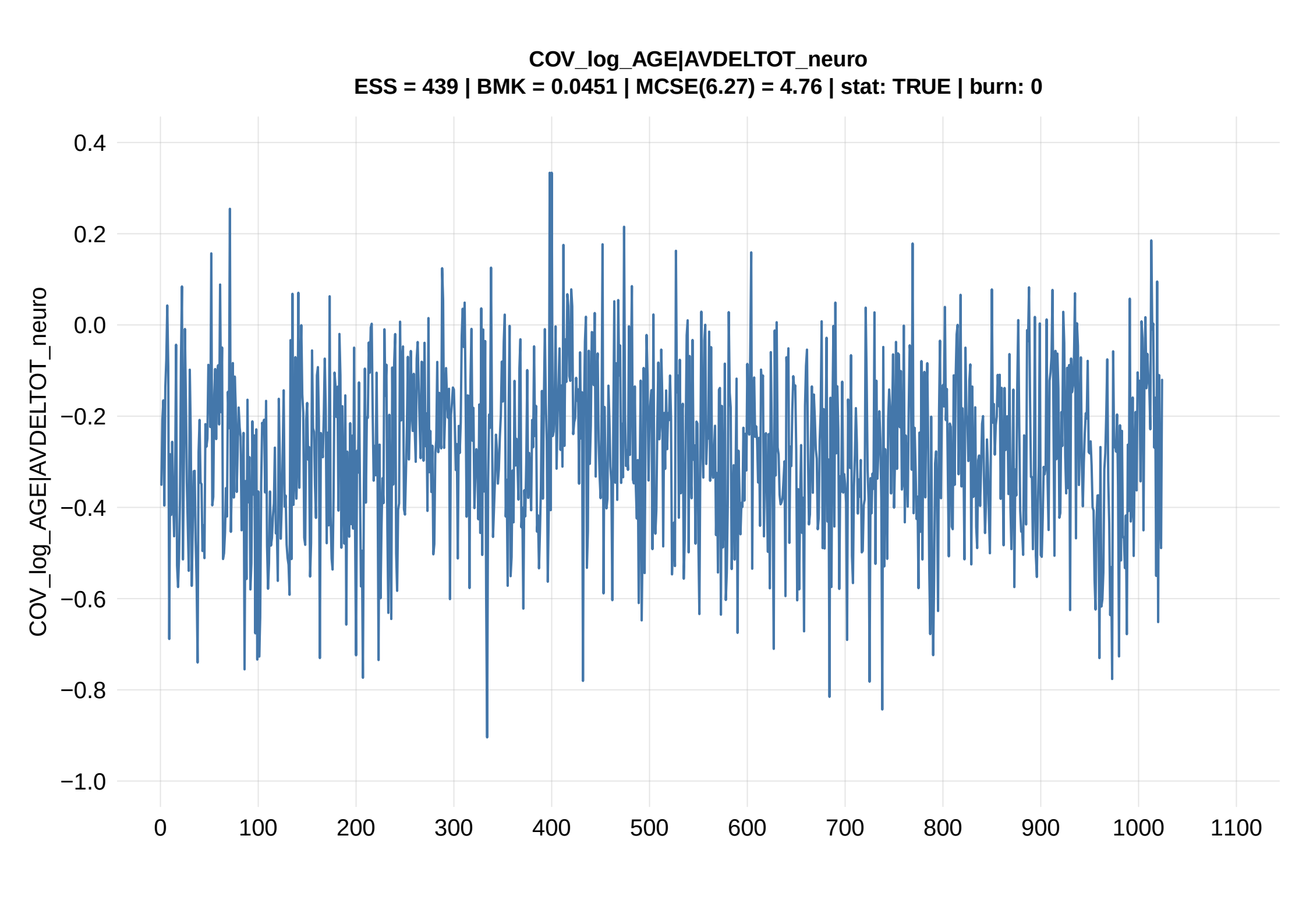

COV_log_AGE|log_LRHHC_n_long
ESS = 308 | BMK = 0.107 | MCSE(6.27) = 6.96 | stat: TRUE | burn: 0
COV_log_AGE|log_LRHHC_n_long
0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
0
100
200
300
400
500
600
700
800
900
1000
1100

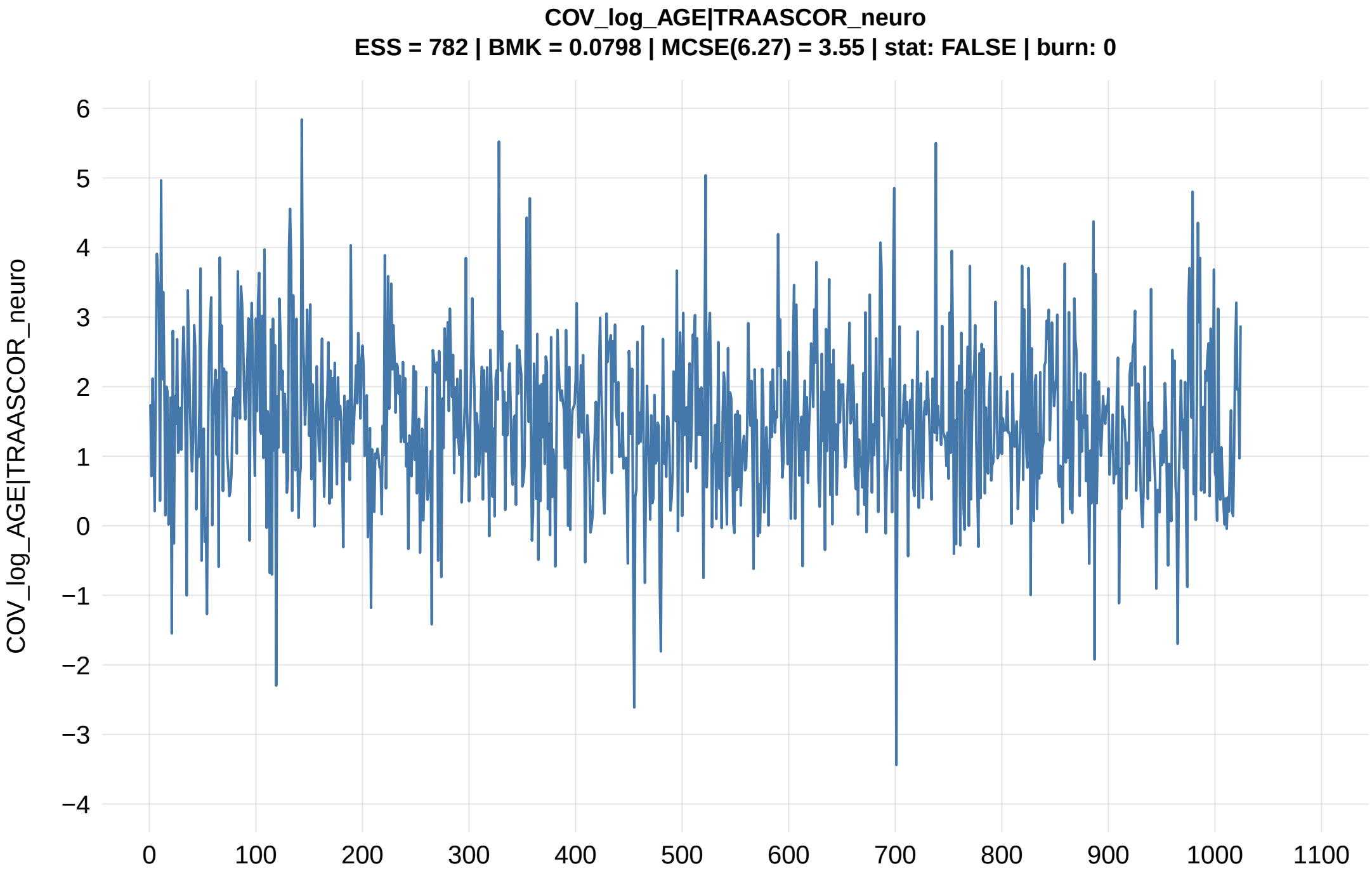

COV_log_AGE|int_Subgroup_
ESS = 1020 | BMK = 0.0499 | MCSE(6.27) = 3.54 | stat: TRUE | burn: 0
COV_log_AGE|int_Subgroup_
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
0
100
200
300
400
500
600
700
800
900
1000
1100

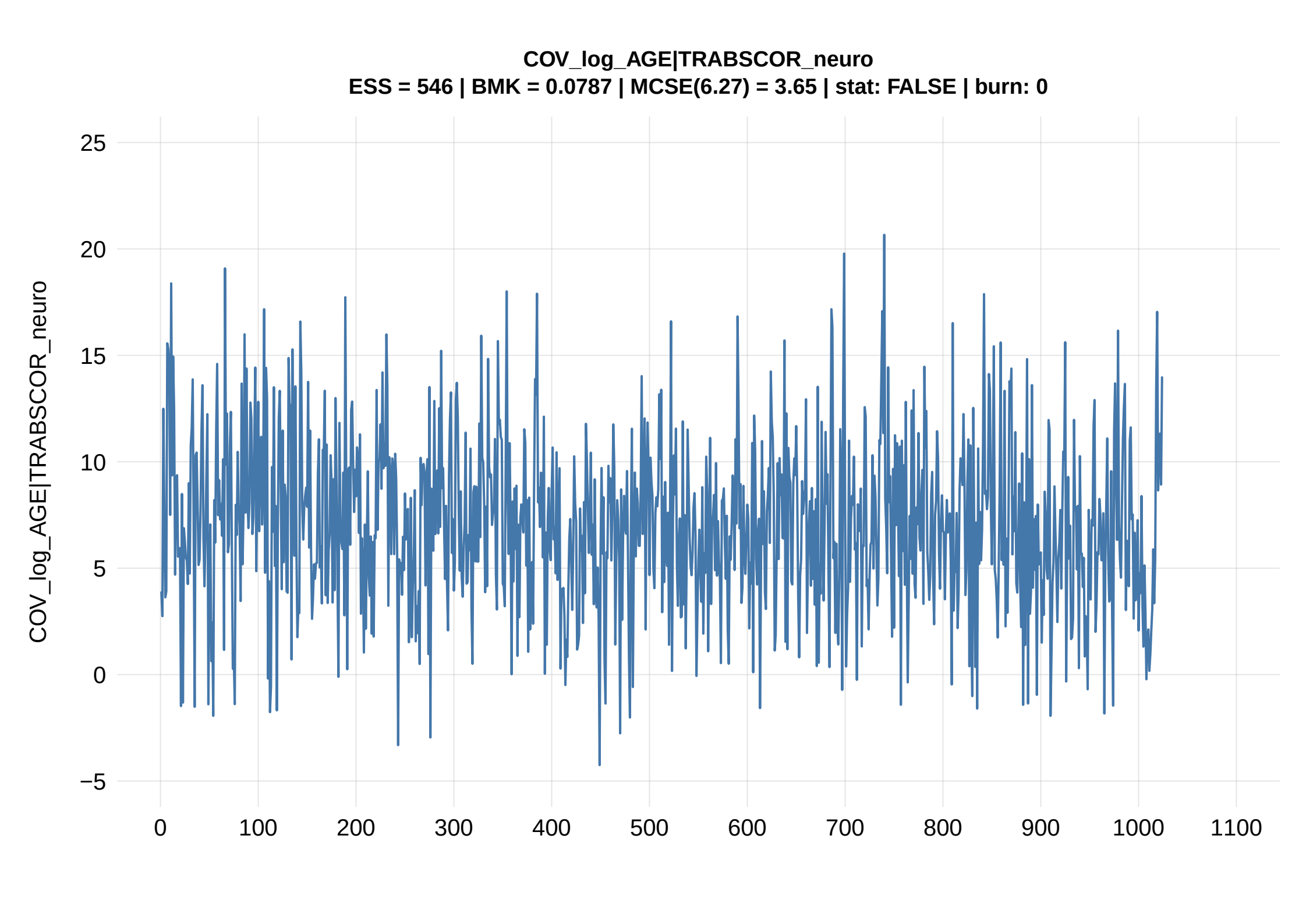

COV_log_AGE|Gender_num_
ESS = 417 | BMK = 0.11 | MCSE(6.27) = 5.17 | stat: FALSE | burn: 0
COV_log_AGE|Gender_num_
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
0
100
200
300
400
500
600
700
800
900
1000
1100

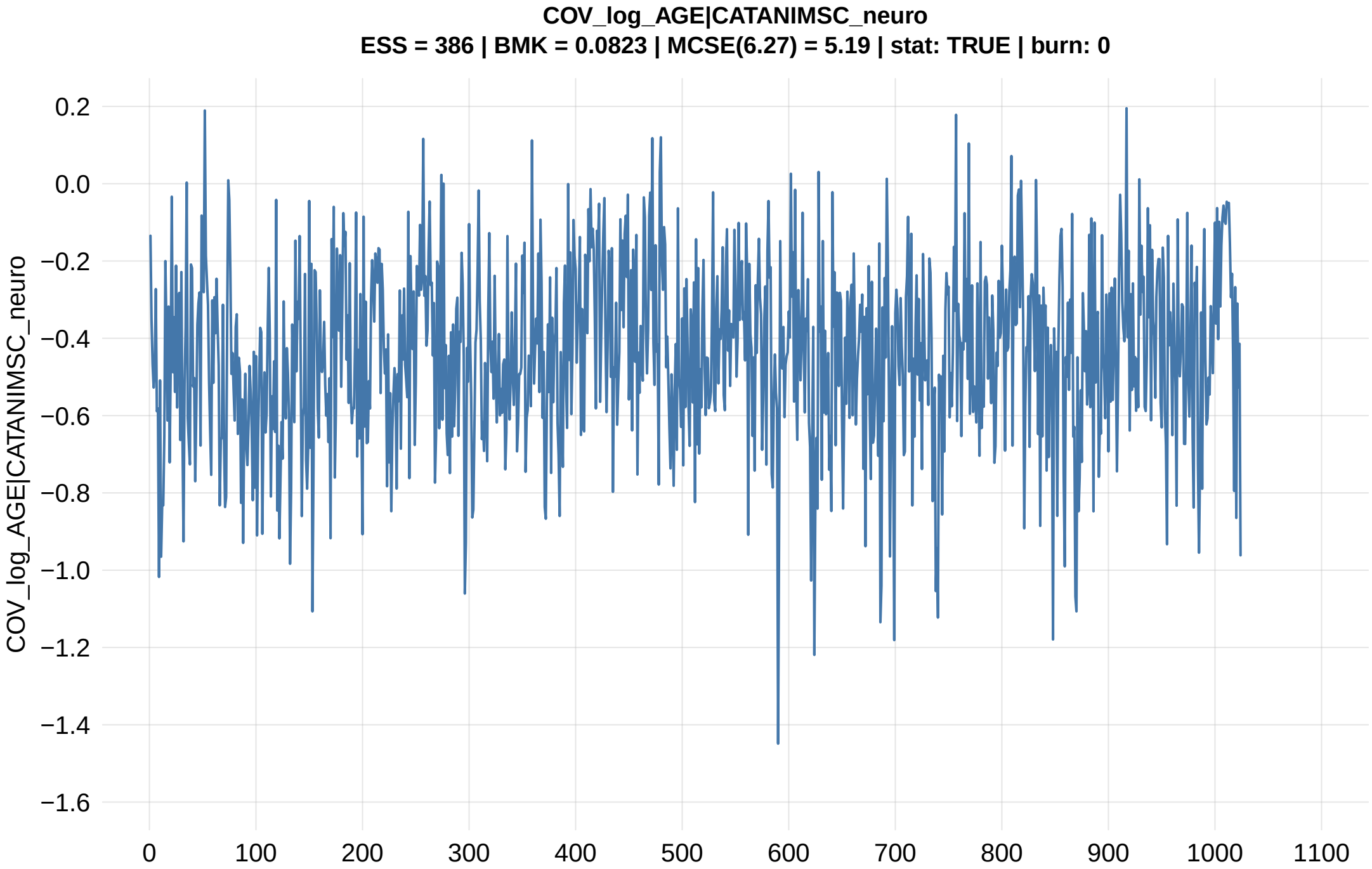

COV_log_AGE|RAVLT_immediate
ESS = 365 | BMK = 0.0567 | MCSE(6.27) = 5.1 | stat: TRUE | burn: 0
COV_log_AGE|RAVLT_immediate
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
0
100
200
300
400
500
600
700
800
900
1000
1100

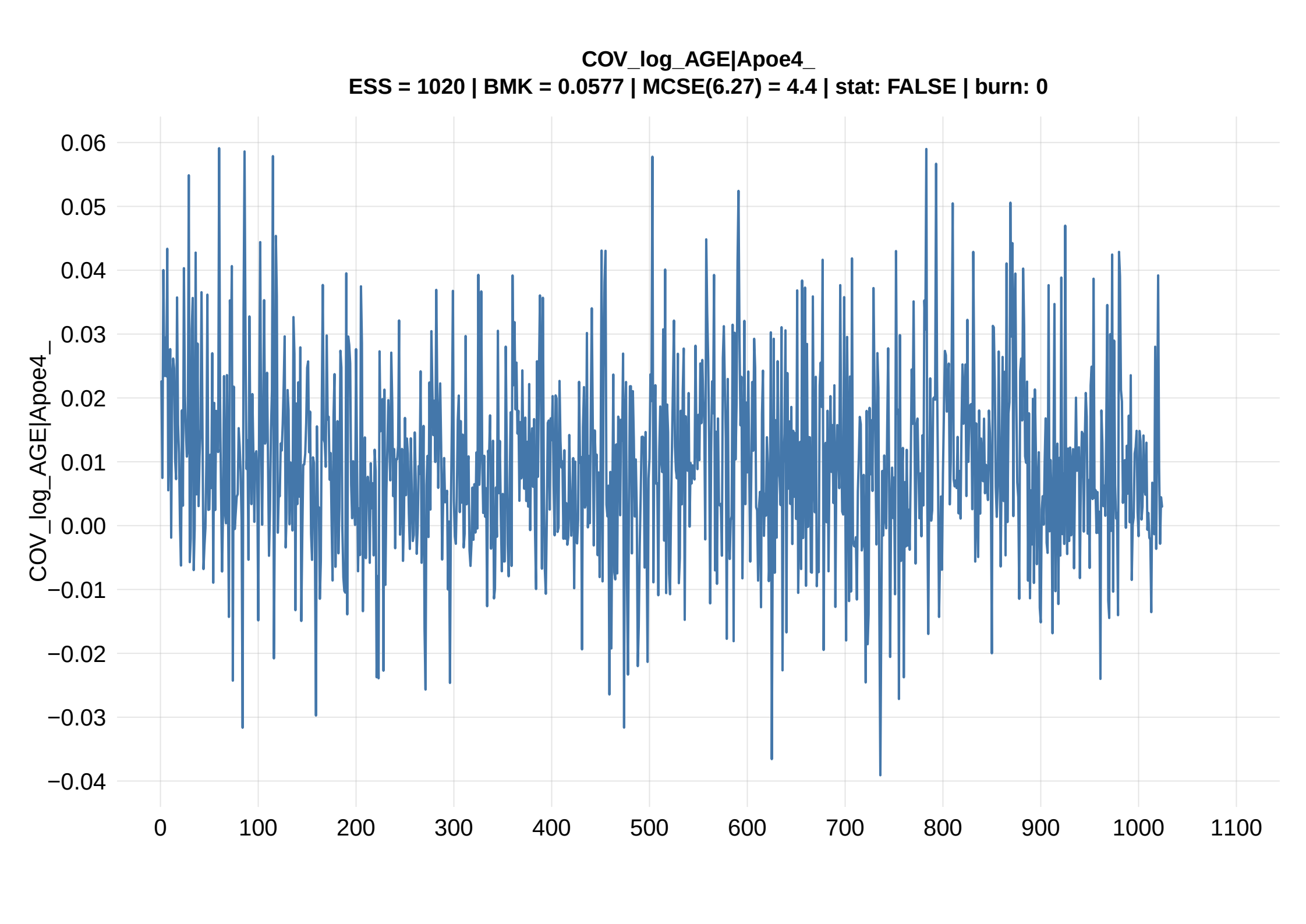

COV_log_AGE|AVDEL30MIN_neuro
ESS = 780 | BMK = 0.058 | MCSE(6.27) = 4.03 | stat: TRUE | burn: 0
COV_log_AGE|AVDEL30MIN_neuro
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
100
200
300
400
500
600
700
800
900
1000
1100

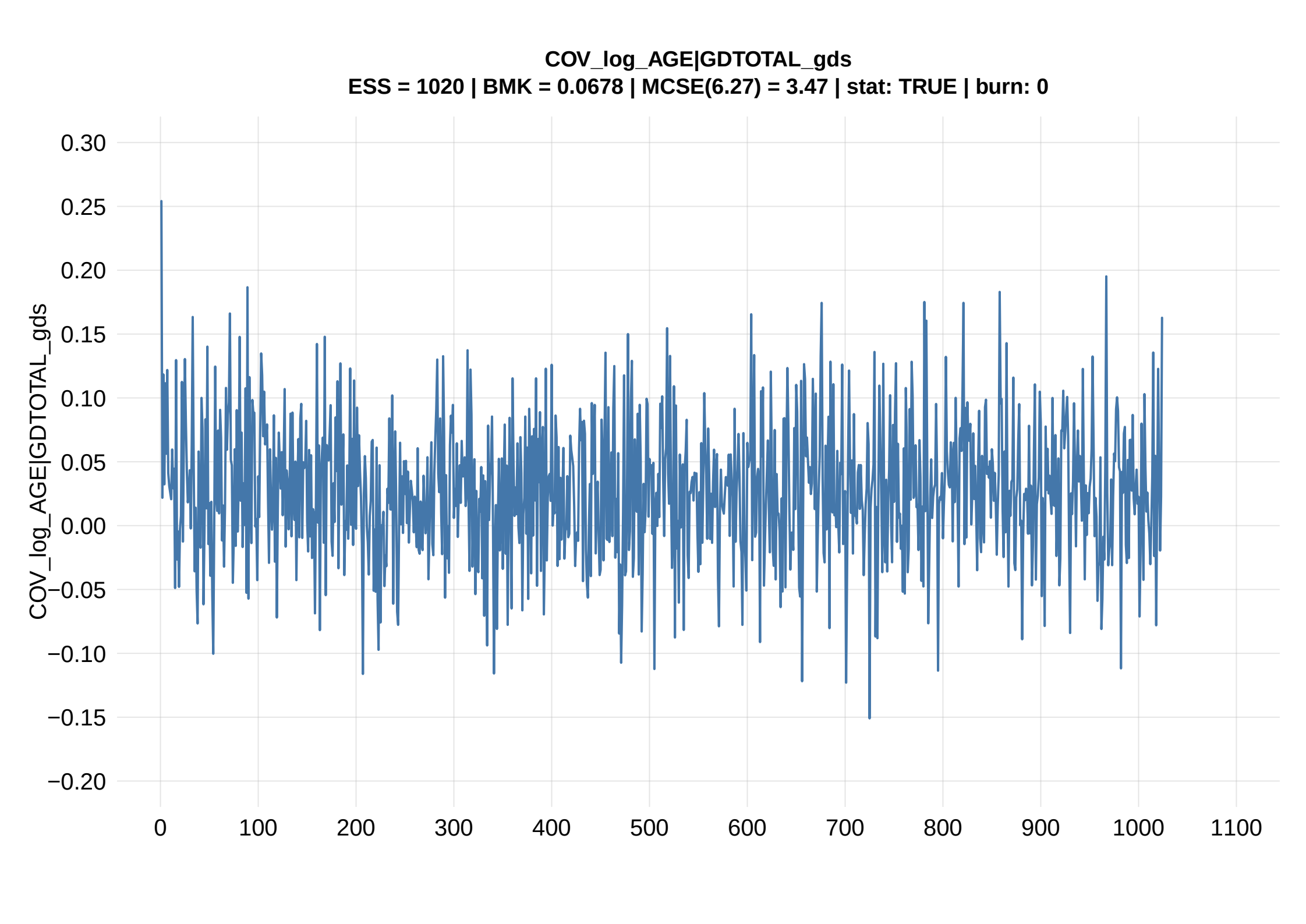

COV_log_AGE|AVDELTOT_neuro
ESS = 439 | BMK = 0.0451 | MCSE(6.27) = 4.76 | stat: TRUE | burn: 0
COV_log_AGE|AVDELTOT_neuro
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
100
200
300
400
500
600
700
800
900
1000
1100

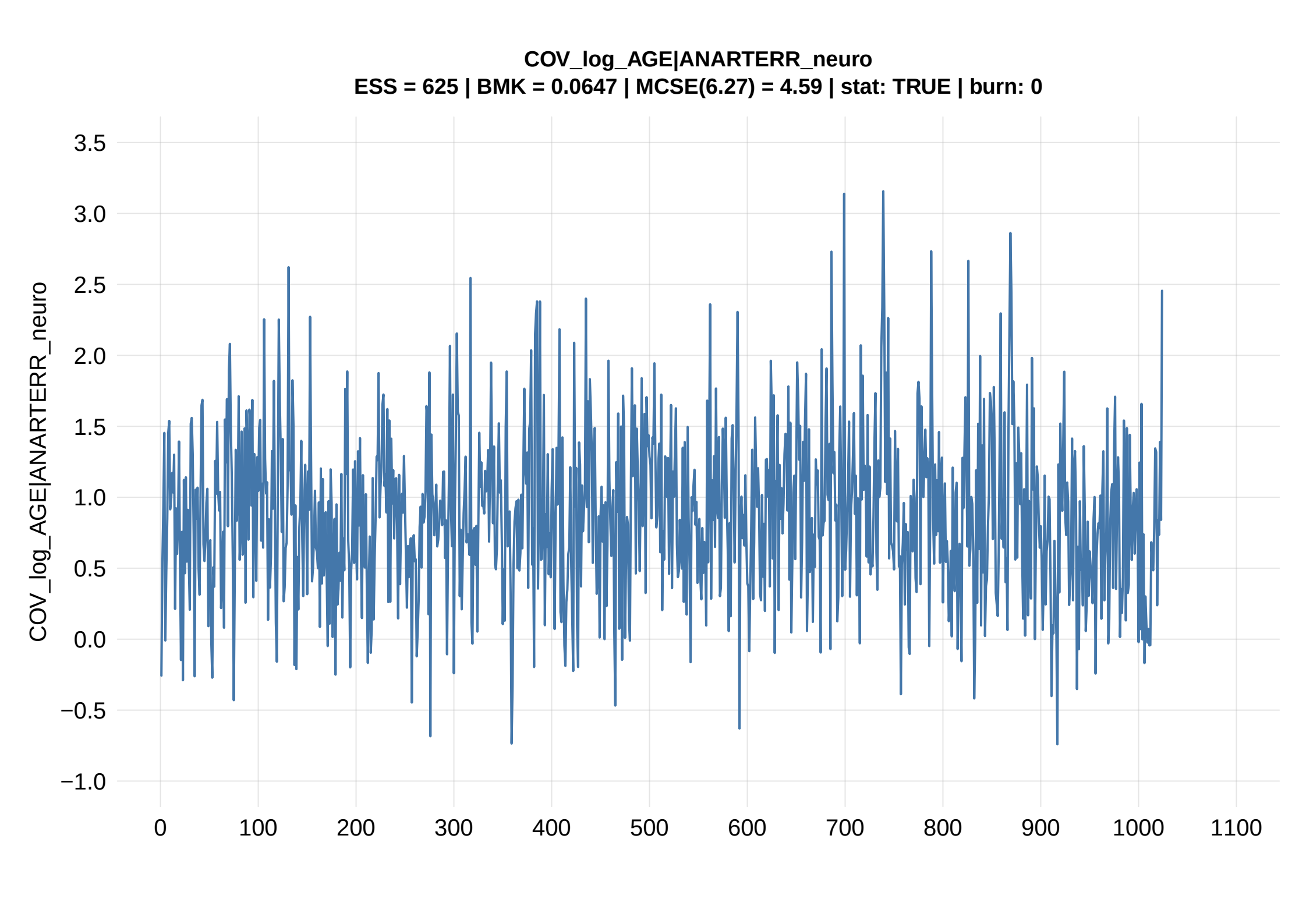

COV_log_AGE|TRAASCOR_neuro
ESS = 782 | BMK = 0.0798 | MCSE(6.27) = 3.55 | stat: FALSE | burn: 0
COV_log_AGE|TRAASCOR_neuro
6
5
4
3
2
1
0
−1
−2
−3
−4
0
100
200
300
400
500
600
700
800
900
1000
1100

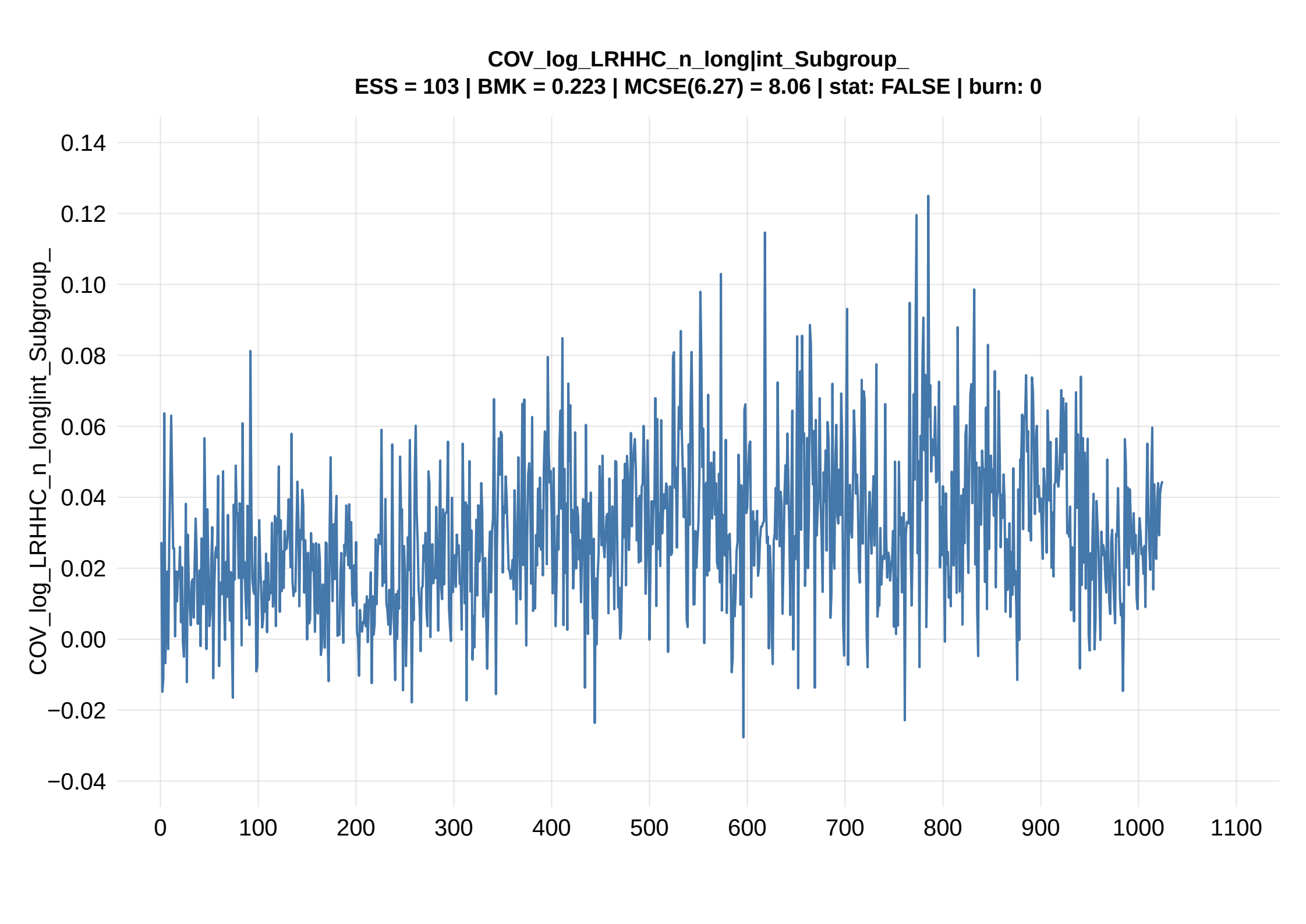

COV_log_AGE|TRABSCOR_neuro
ESS = 546 | BMK = 0.0787 | MCSE(6.27) = 3.65 | stat: FALSE | burn: 0
COV_log_AGE|TRABSCOR_neuro
25
20
15
10
5
0
−5
0
100
200
300
400
500
600
700
800
900
1000
1100

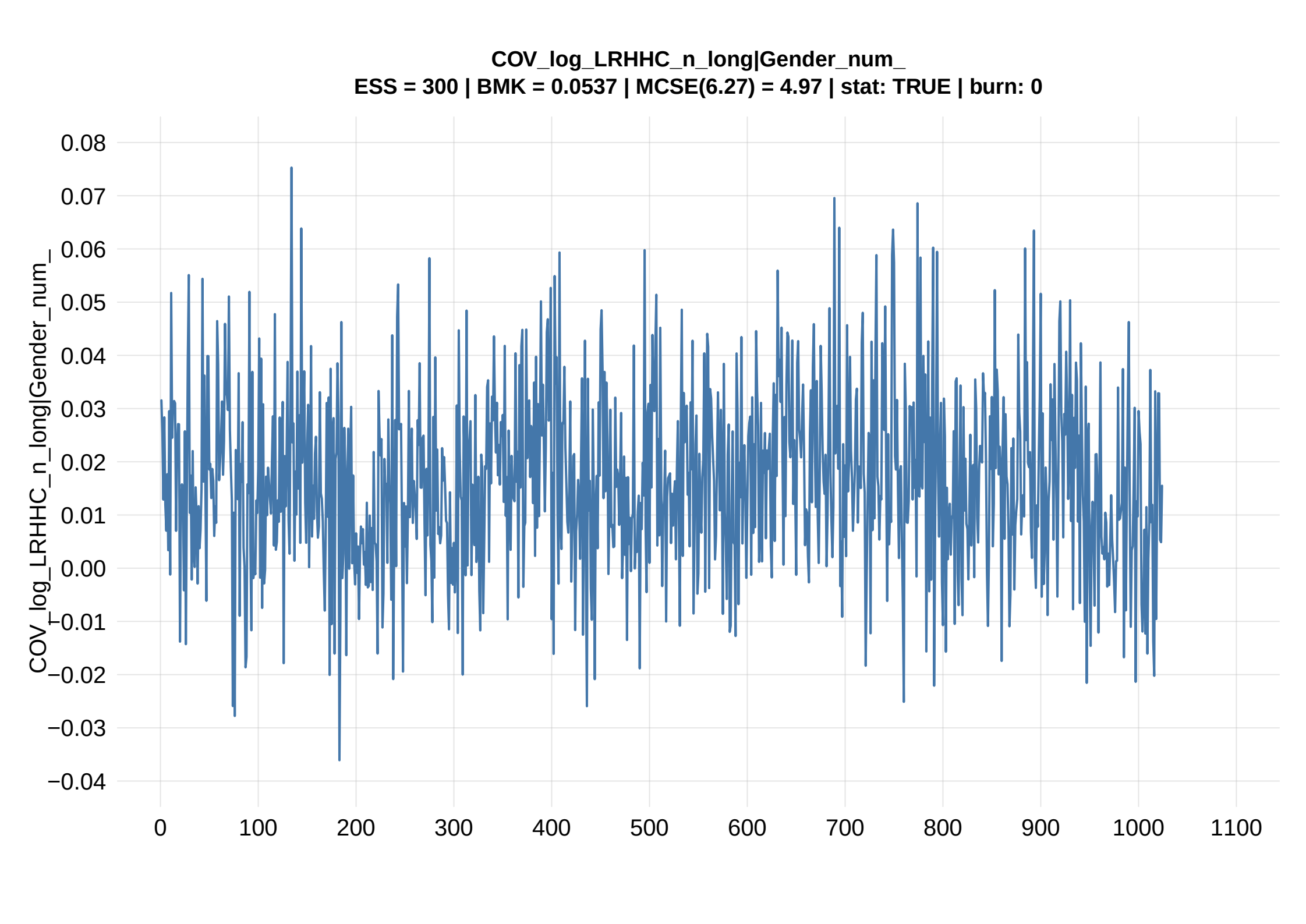

COV_log_AGE|CATANIMSC_neuro
ESS = 386 | BMK = 0.0823 | MCSE(6.27) = 5.19 | stat: TRUE | burn: 0
COV_log_AGE|CATANIMSC_neuro
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
−1.6
0
100
200
300
400
500
600
700
800
900
1000
1100

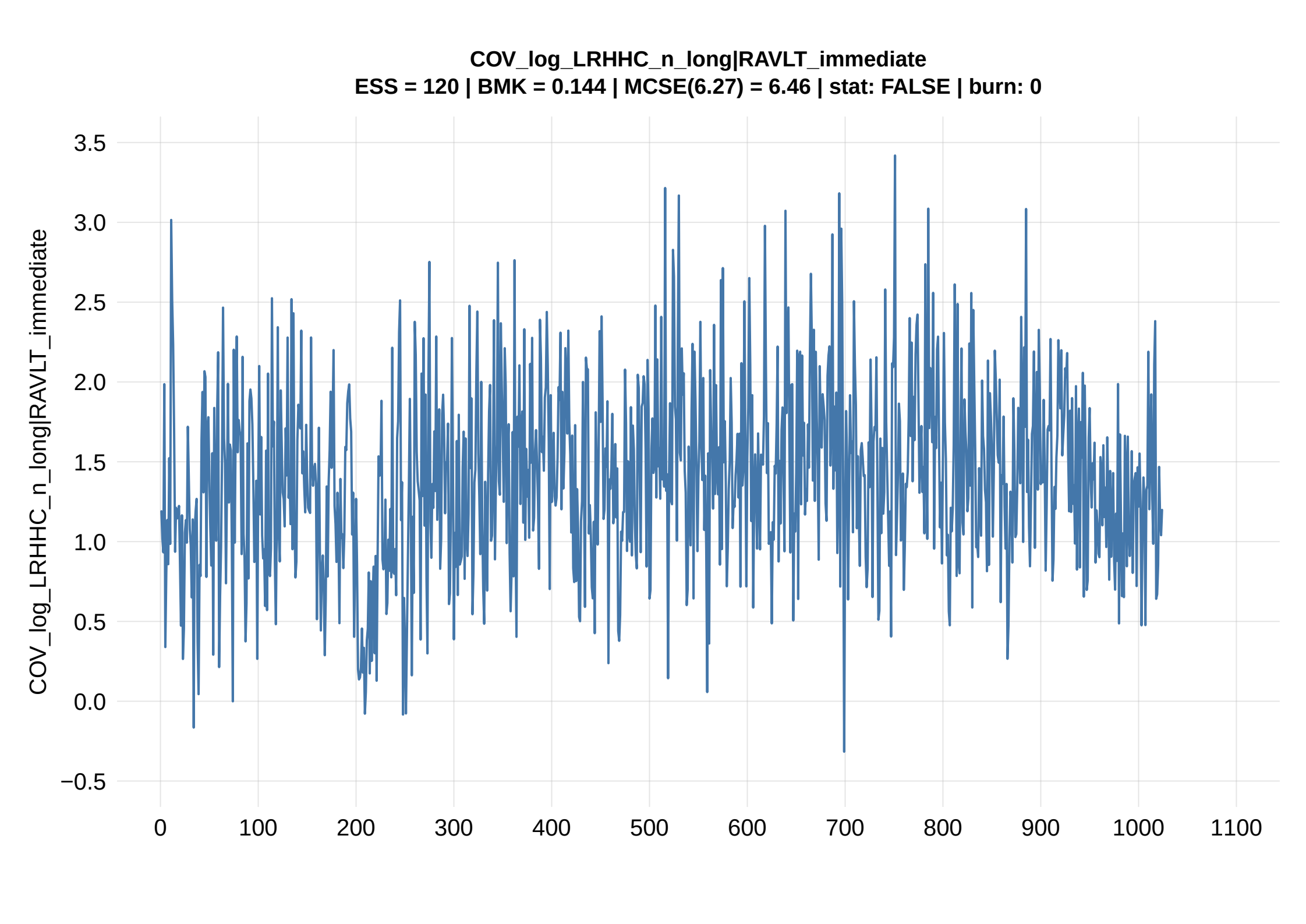

COV_log_AGE|Apoe4_
ESS = 1020 | BMK = 0.0577 | MCSE(6.27) = 4.4 | stat: FALSE | burn: 0
COV_log_AGE|Apoe4_
0.06
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
0
100
200
300
400
500
600
700
800
900
1000
1100

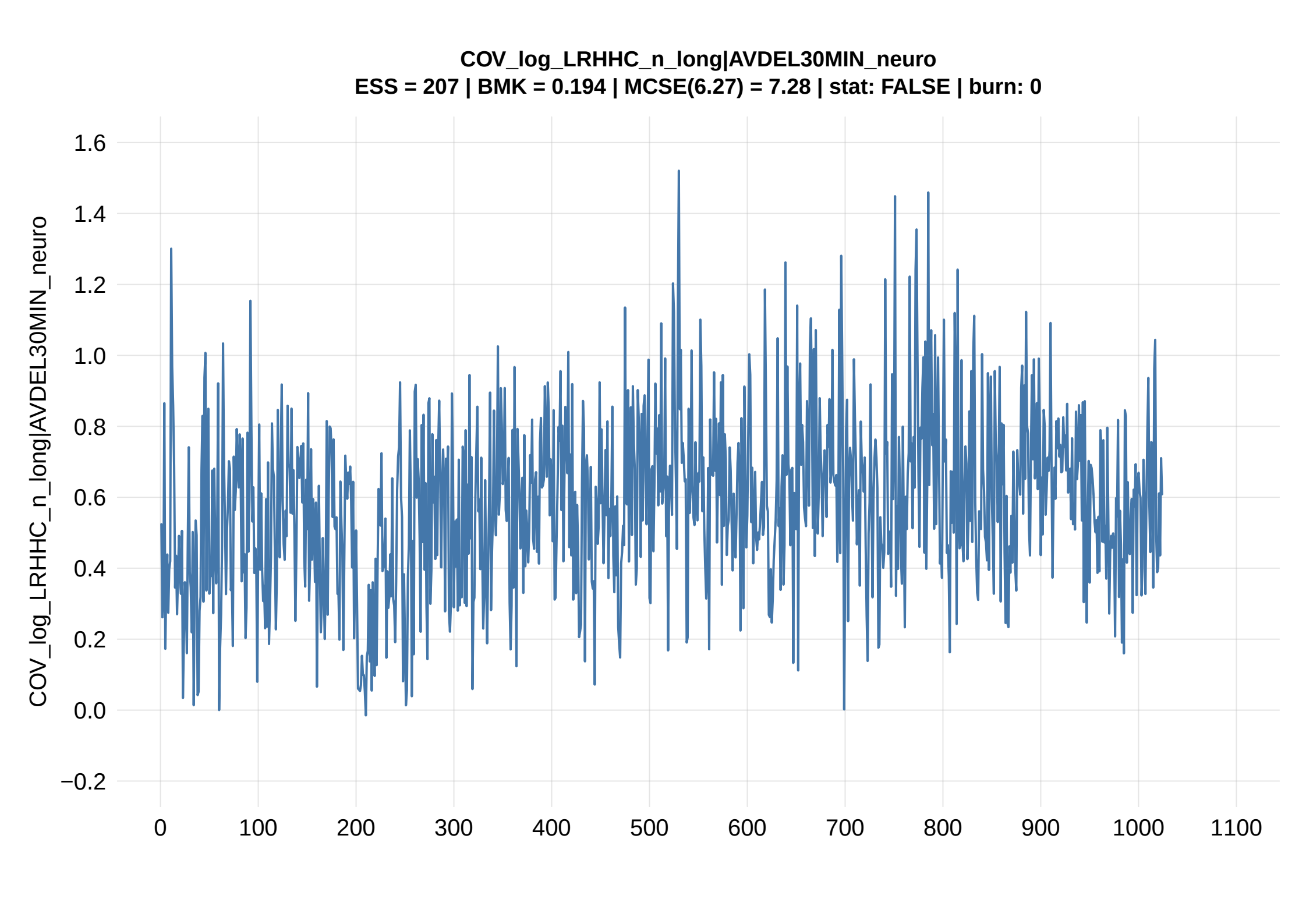

COV_log_AGE|GDTOTAL_gds
ESS = 1020 | BMK = 0.0678 | MCSE(6.27) = 3.47 | stat: TRUE | burn: 0
COV_log_AGE|GDTOTAL_gds
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.20
0
100
200
300
400
500
600
700
800
900
1000
1100

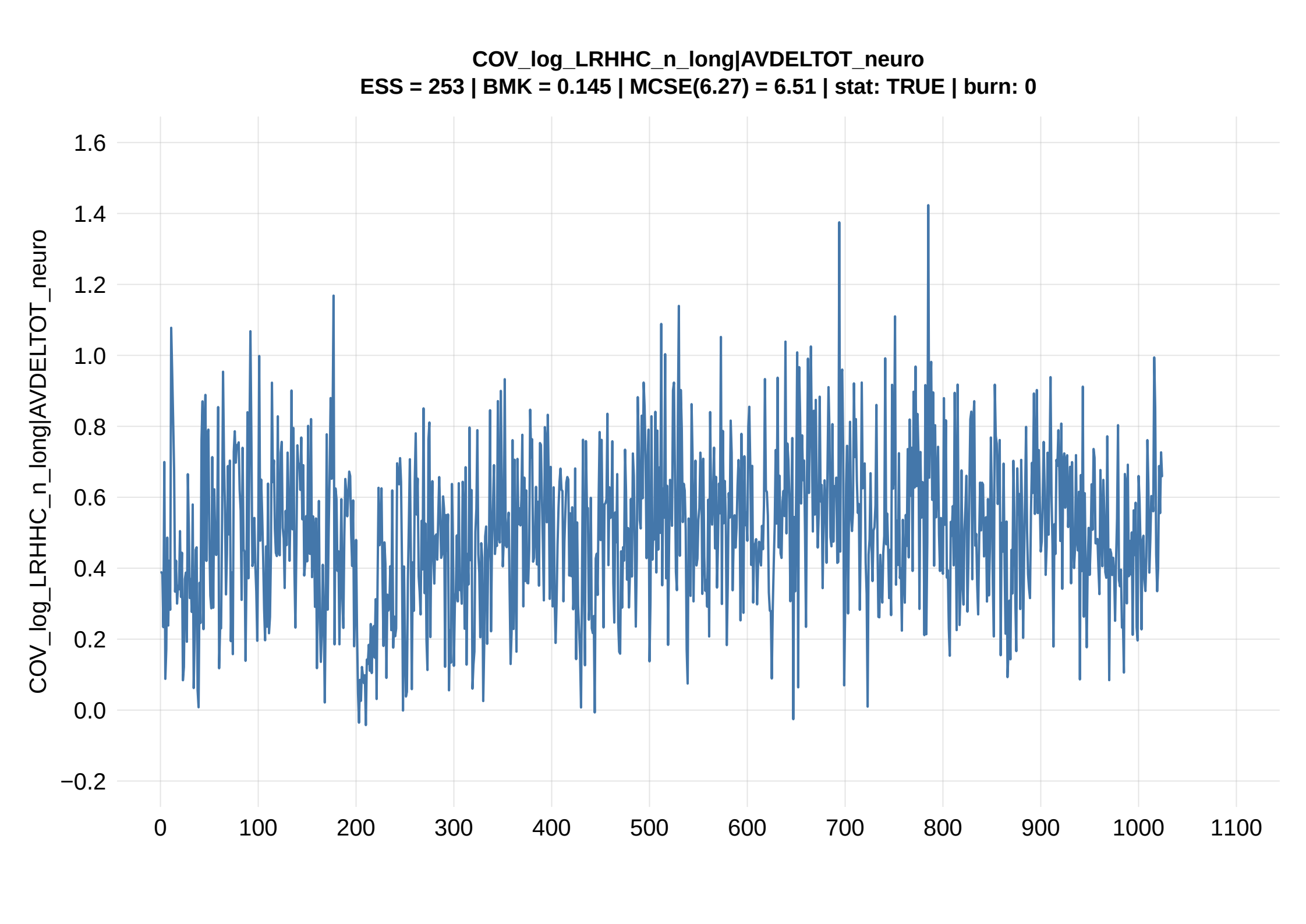

COV_log_AGE|ANARTERR_neuro
ESS = 625 | BMK = 0.0647 | MCSE(6.27) = 4.59 | stat: TRUE | burn: 0
COV_log_AGE|ANARTERR_neuro
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
0
100
200
300
400
500
600
700
800
900
1000
1100

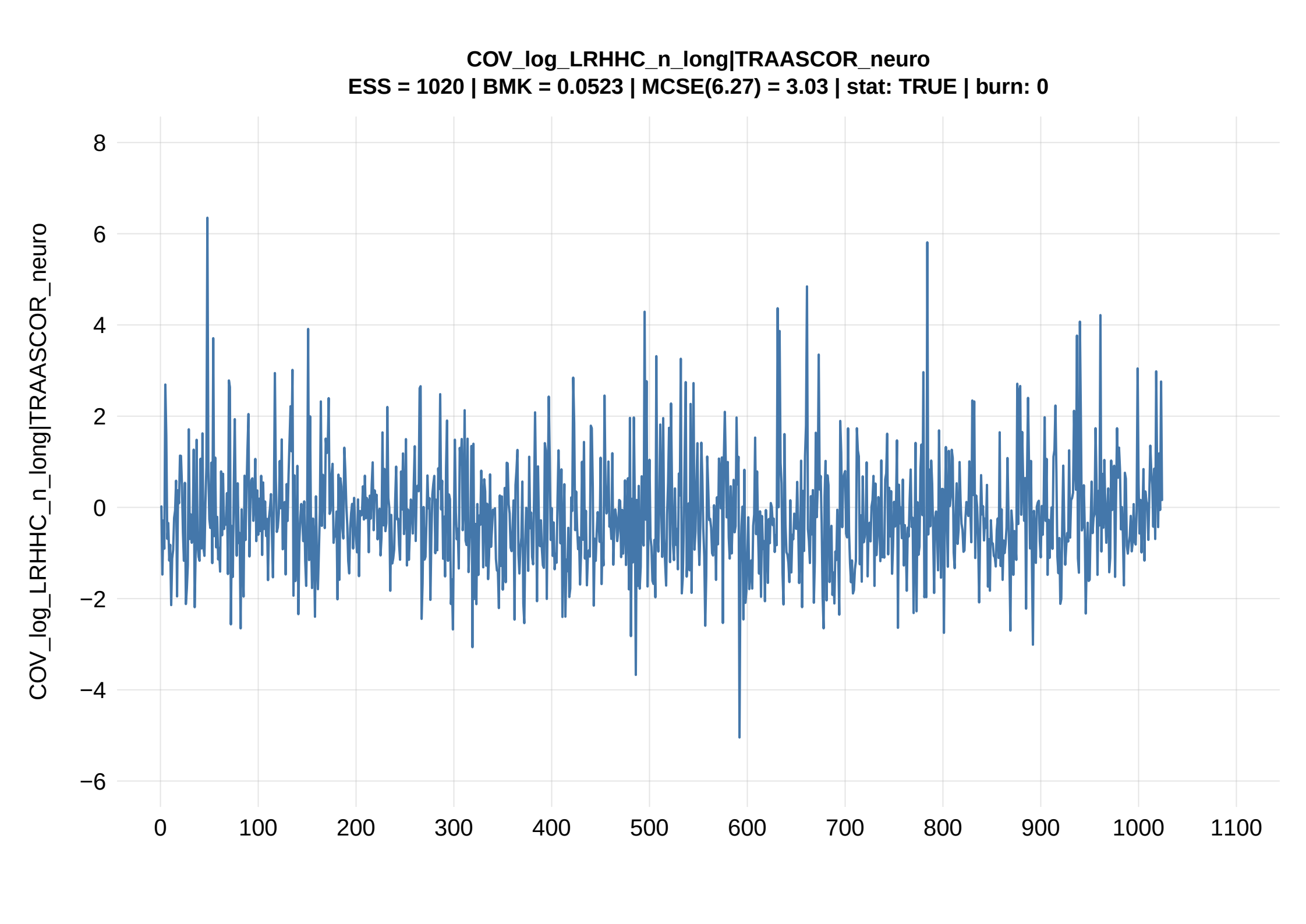

COV_log_LRHHC_n_long|int_Subgroup_
ESS = 103 | BMK = 0.223 | MCSE(6.27) = 8.06 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|int_Subgroup_
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
0
100
200
300
400
500
600
700
800
900
1000
1100

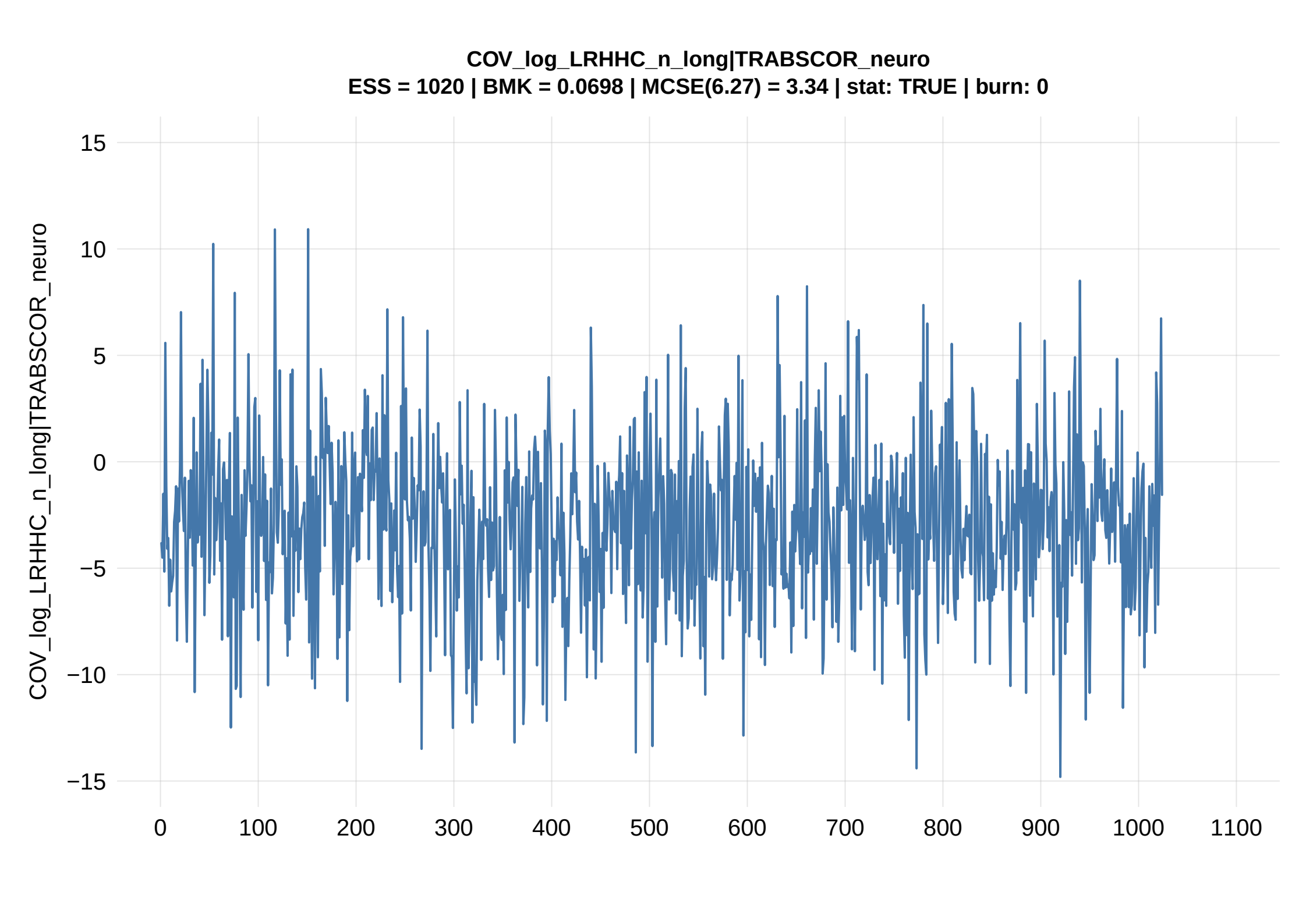

COV_log_LRHHC_n_long|Gender_num_
ESS = 300 | BMK = 0.0537 | MCSE(6.27) = 4.97 | stat: TRUE | burn: 0
COV_log_LRHHC_n_long|Gender_num_
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
0
100
200
300
400
500
600
700
800
900
1000
1100

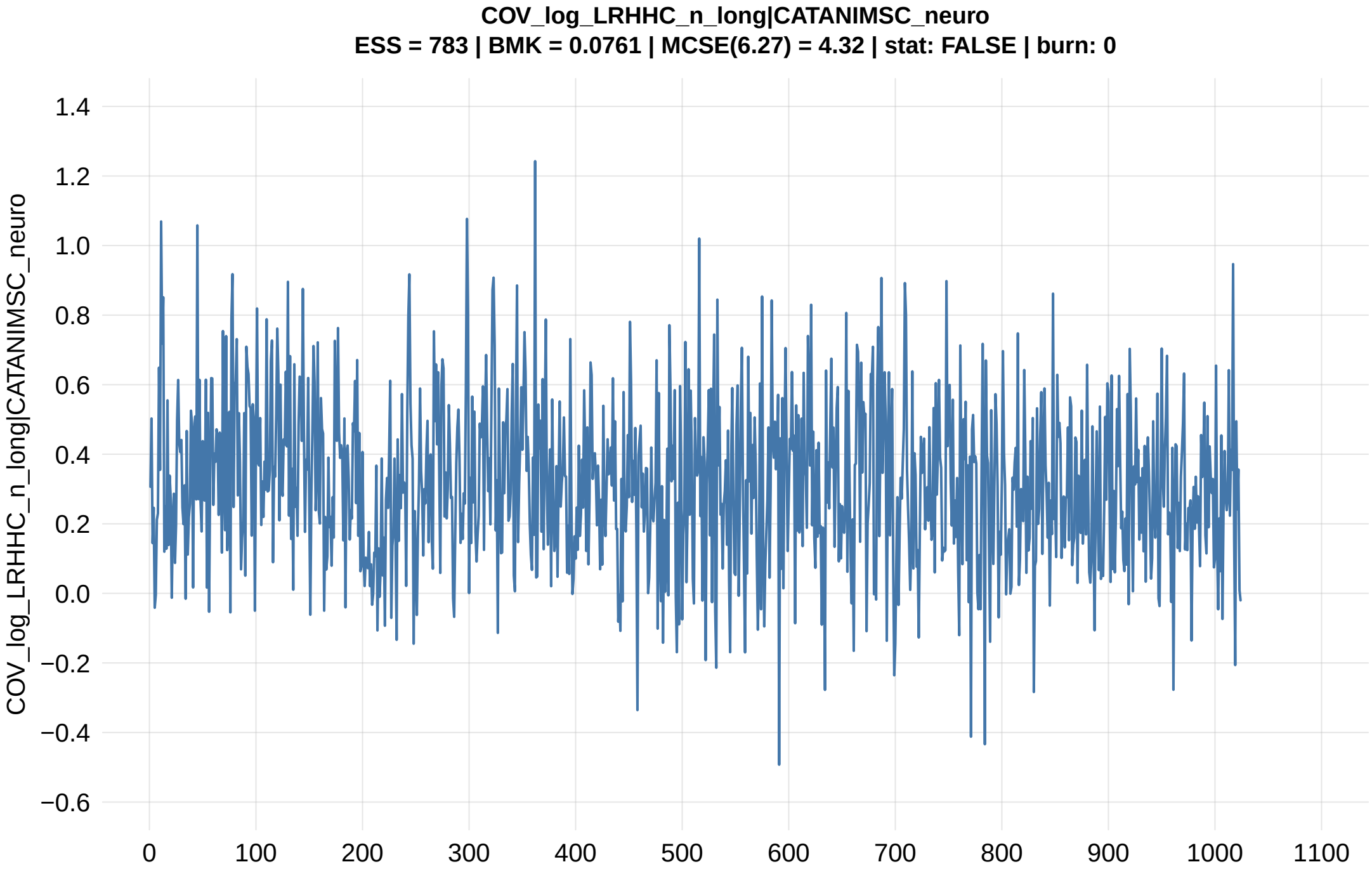

COV_log_LRHHC_n_long|RAVLT_immediate
ESS = 120 | BMK = 0.144 | MCSE(6.27) = 6.46 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|RAVLT_immediate
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
100
200
300
400
500
600
700
800
900
1000
1100

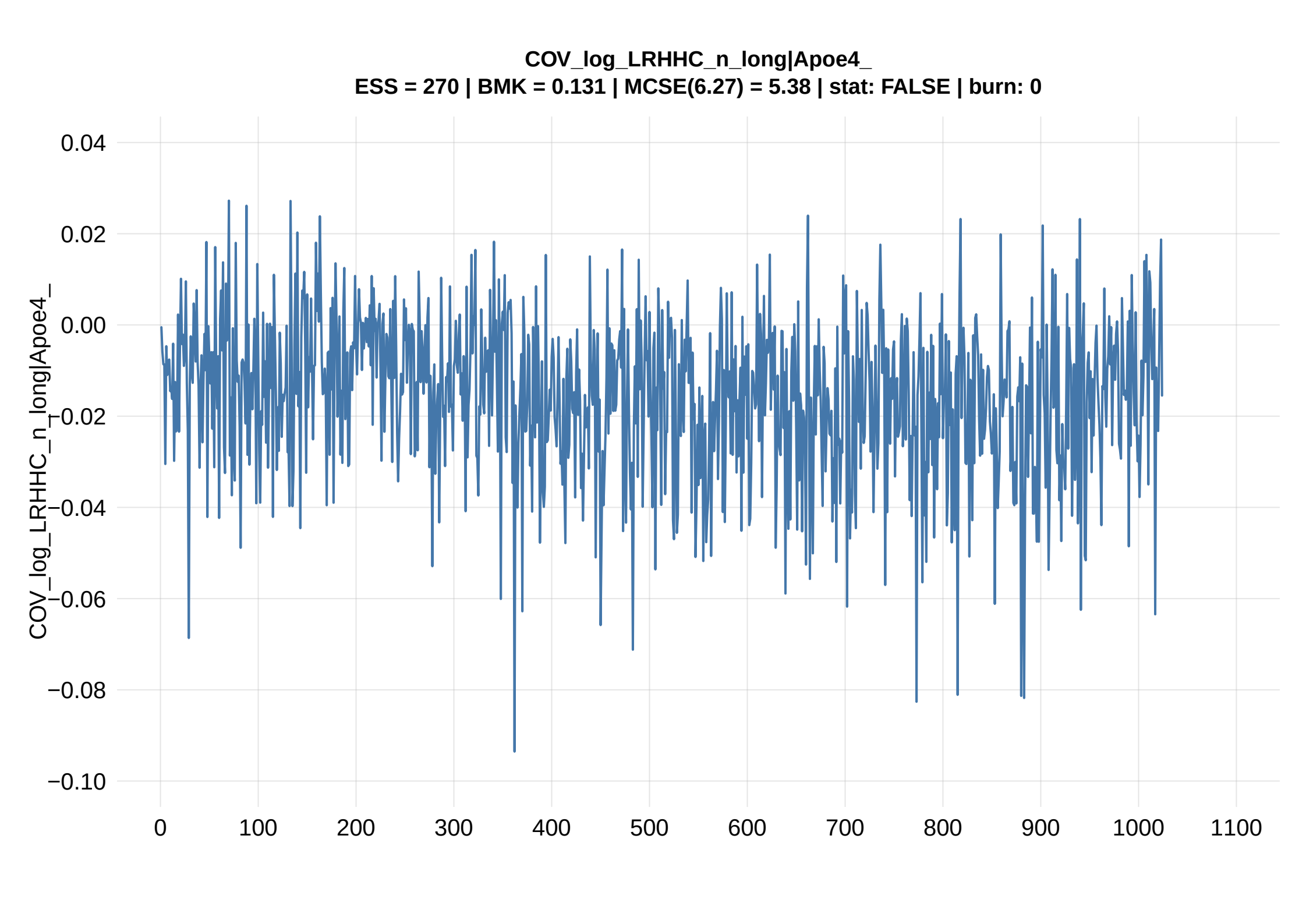

COV_log_LRHHC_n_long|AVDEL30MIN_neuro
ESS = 207 | BMK = 0.194 | MCSE(6.27) = 7.28 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|AVDEL30MIN_neuro
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
100
200
300
400
500
600
700
800
900
1000
1100

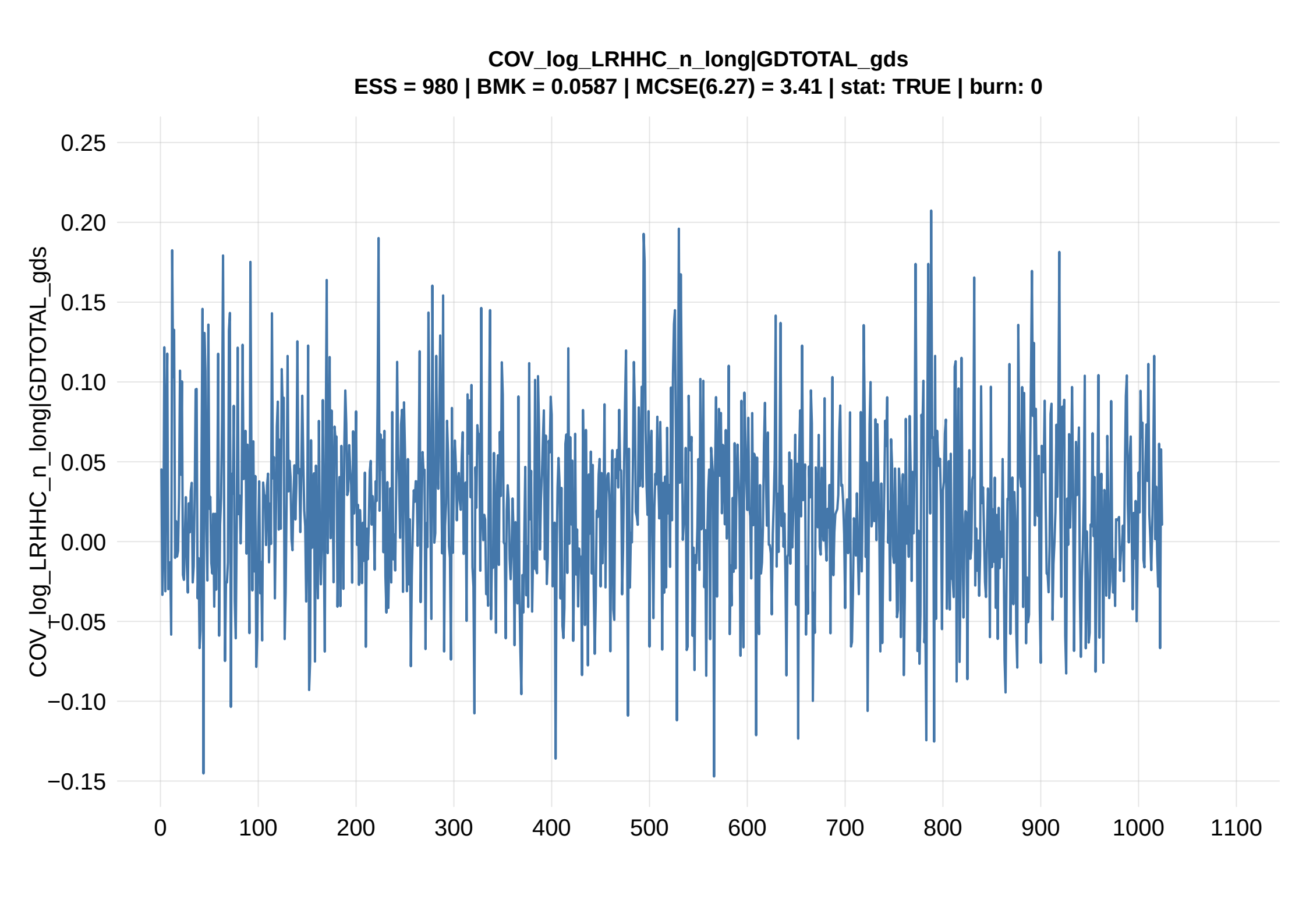

COV_log_LRHHC_n_long|AVDELTOT_neuro
ESS = 253 | BMK = 0.145 | MCSE(6.27) = 6.51 | stat: TRUE | burn: 0
COV_log_LRHHC_n_long|AVDELTOT_neuro
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
100
200
300
400
500
600
700
800
900
1000
1100

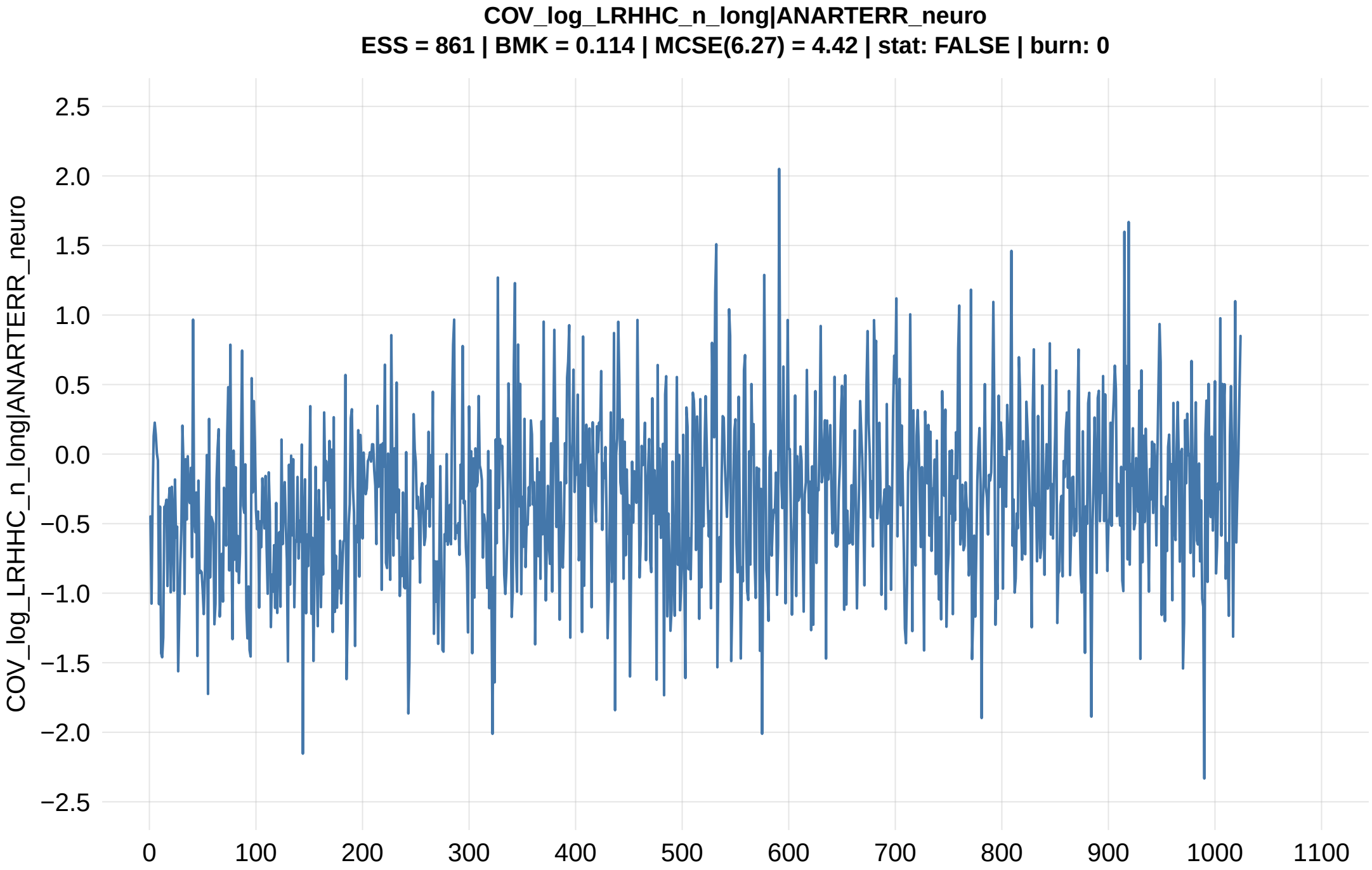

COV_log_LRHHC_n_long|TRAASCOR_neuro
ESS = 1020 | BMK = 0.0523 | MCSE(6.27) = 3.03 | stat: TRUE | burn: 0
COV_log_LRHHC_n_long|TRAASCOR_neuro
8
6
4
2
0
−2
−4
−6
0
100
200
300
400
500
600
700
800
900
1000
1100

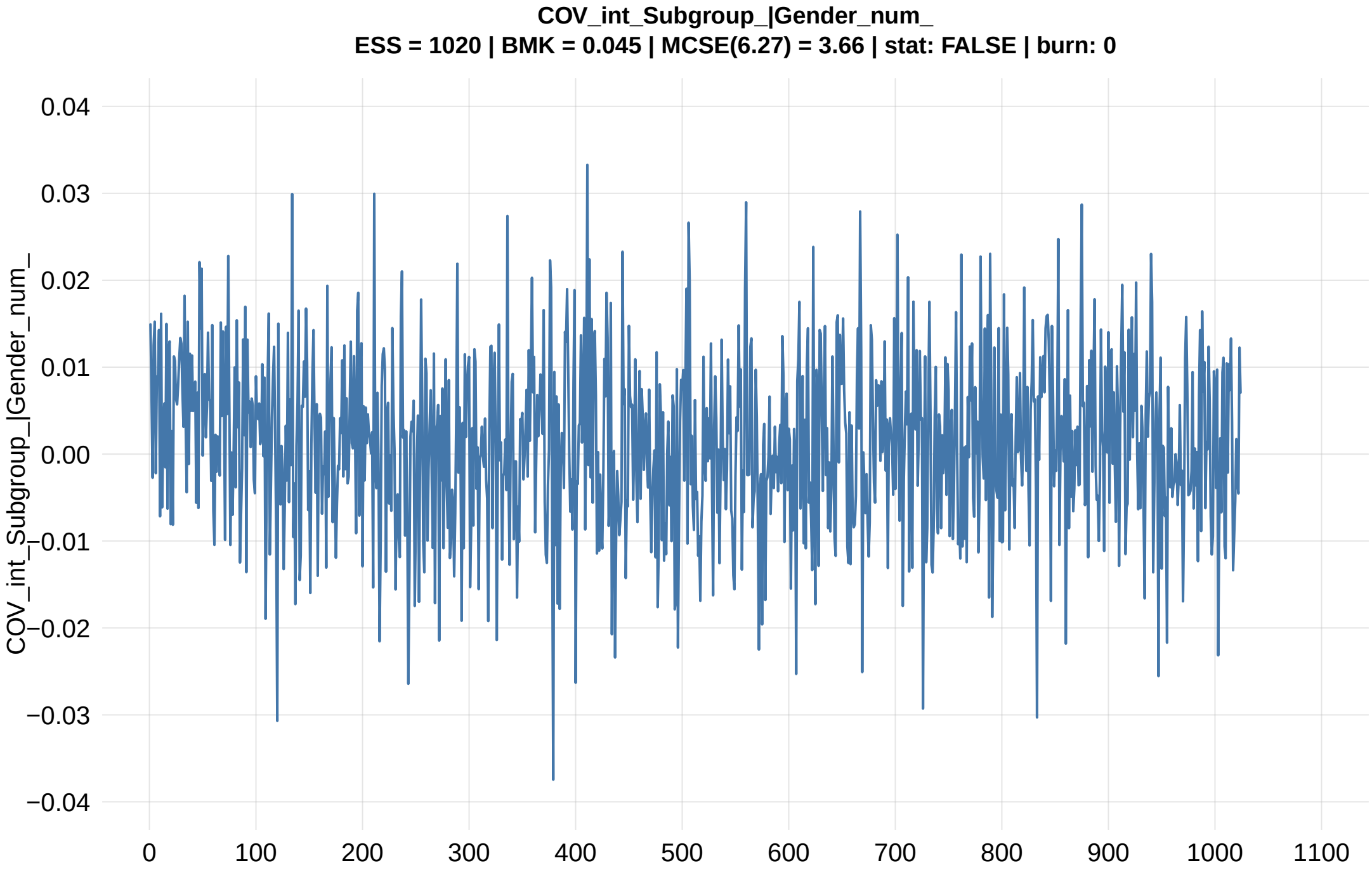

COV_log_LRHHC_n_long|TRABSCOR_neuro
ESS = 1020 | BMK = 0.0698 | MCSE(6.27) = 3.34 | stat: TRUE | burn: 0
COV_log_LRHHC_n_long|TRABSCOR_neuro
15
10
5
0
−5
−10
−15
0
100
200
300
400
500
600
700
800
900
1000
1100

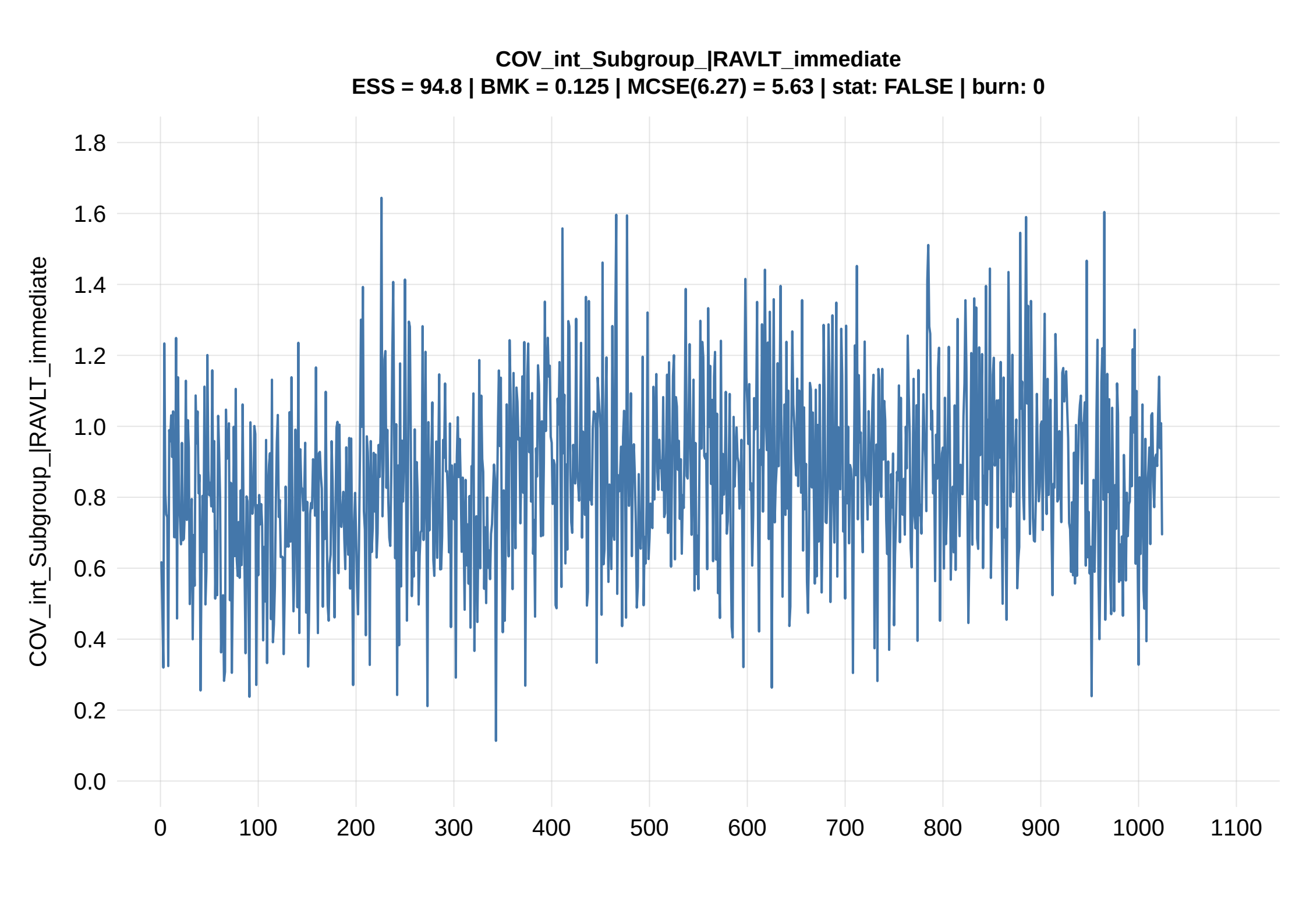

COV_log_LRHHC_n_long|CATANIMSC_neuro
ESS = 783 | BMK = 0.0761 | MCSE(6.27) = 4.32 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|CATANIMSC_neuro
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
100
200
300
400
500
600
700
800
900
1000
1100

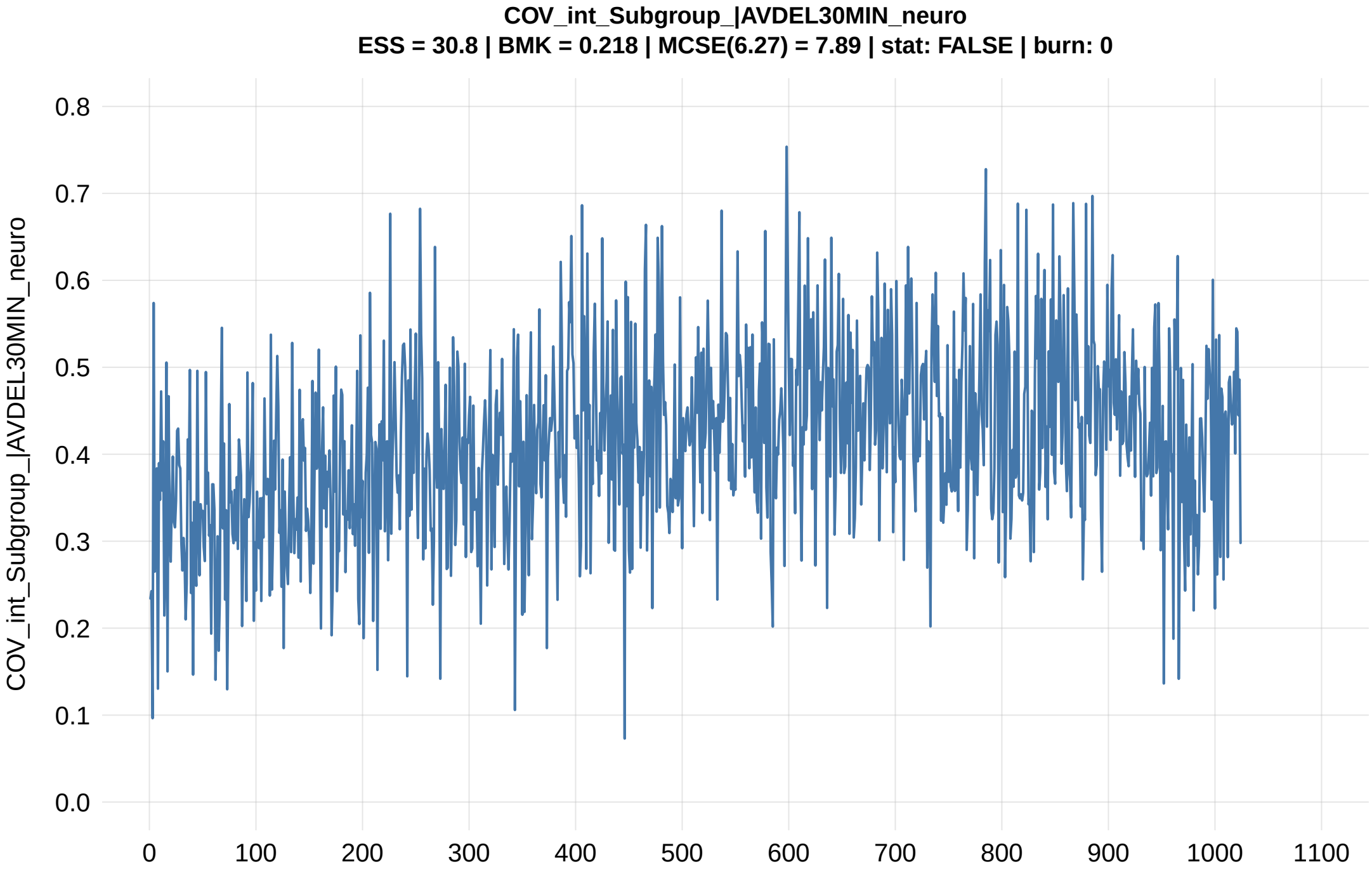

COV_log_LRHHC_n_long|Apoe4_
ESS = 270 | BMK = 0.131 | MCSE(6.27) = 5.38 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|Apoe4_
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
0
100
200
300
400
500
600
700
800
900
1000
1100

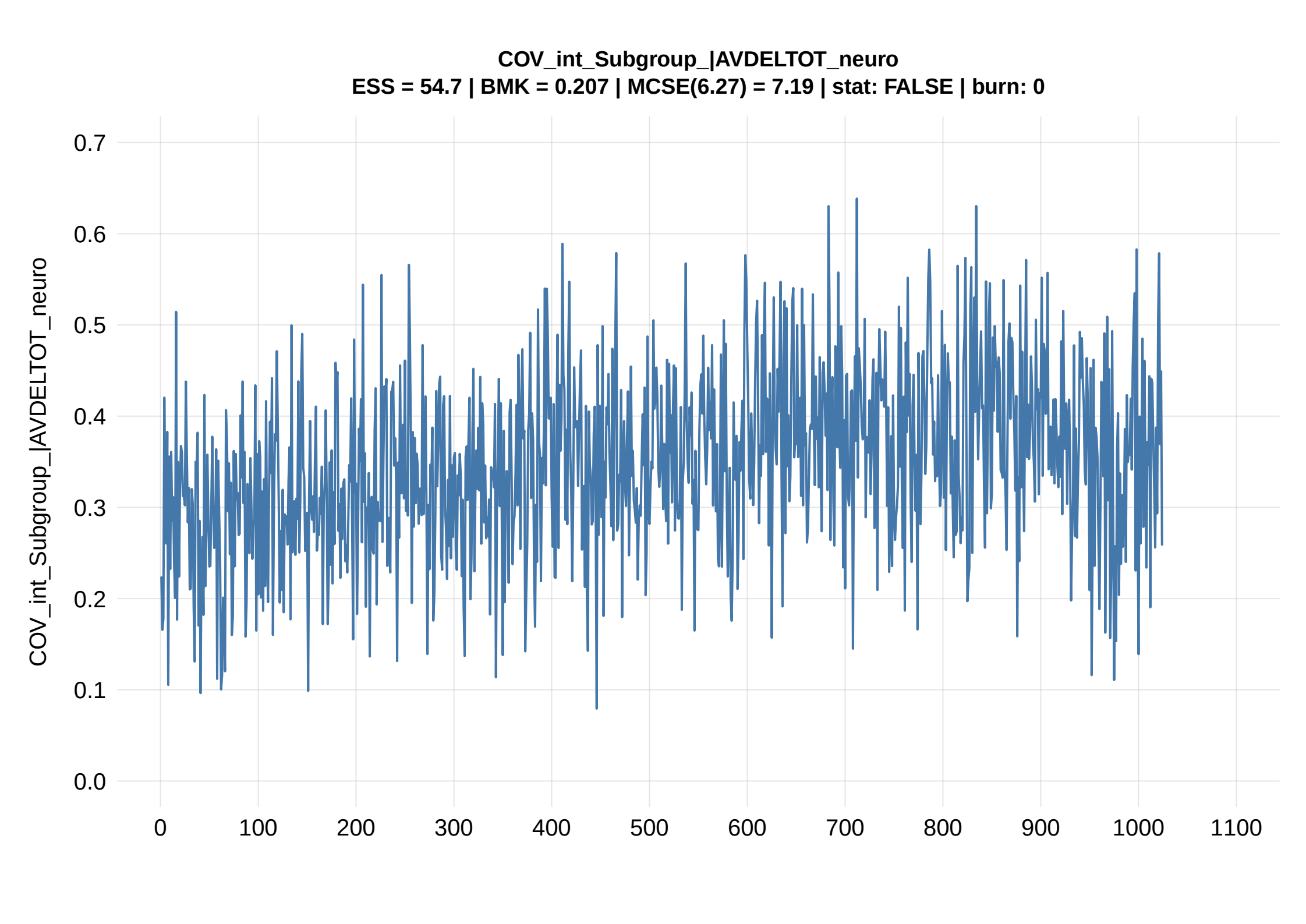

COV_log_LRHHC_n_long|GDTOTAL_gds
ESS = 980 | BMK = 0.0587 | MCSE(6.27) = 3.41 | stat: TRUE | burn: 0
COV_log_LRHHC_n_long|GDTOTAL_gds
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
0
100
200
300
400
500
600
700
800
900
1000
1100

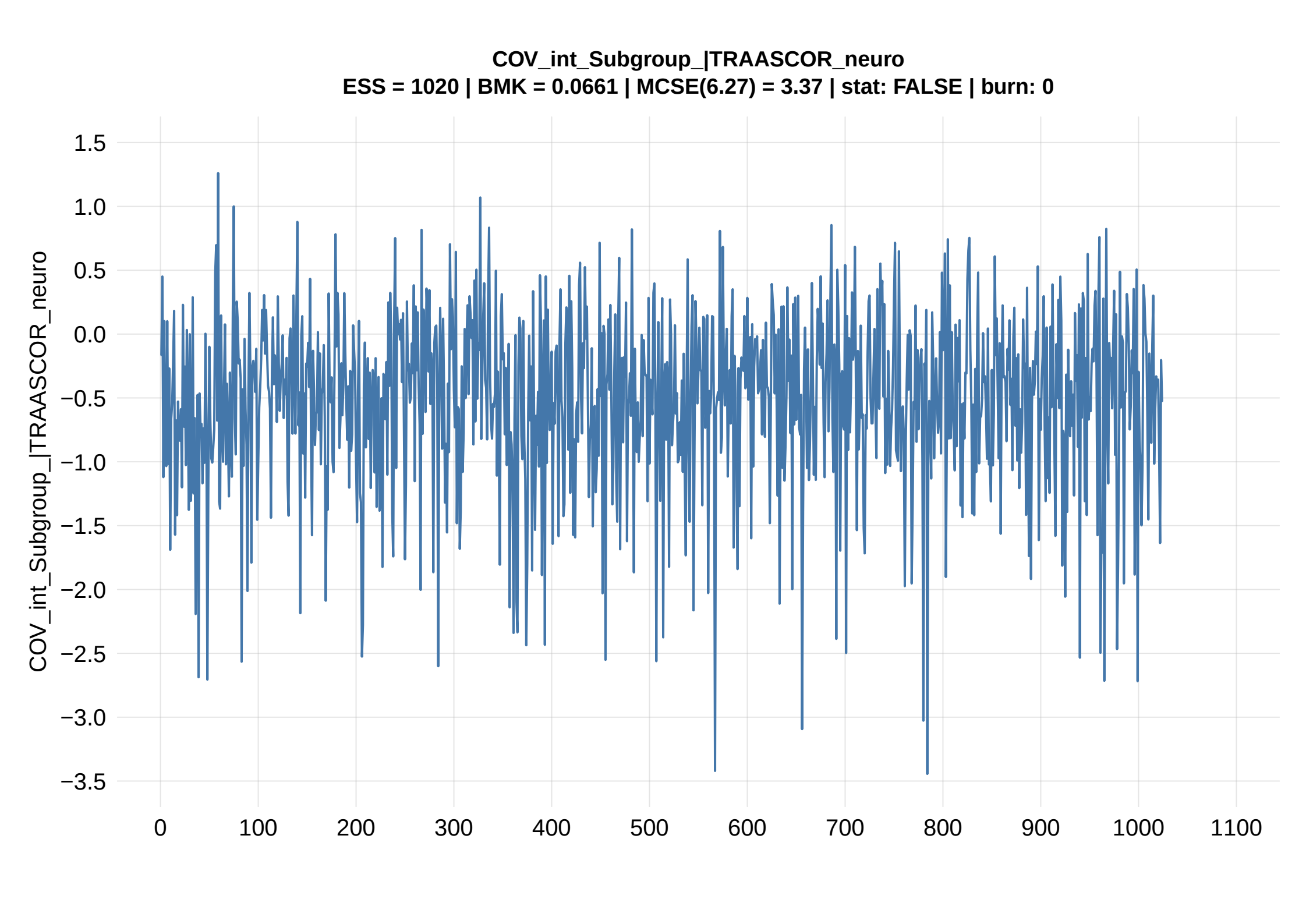

COV_log_LRHHC_n_long|ANARTERR_neuro
ESS = 861 | BMK = 0.114 | MCSE(6.27) = 4.42 | stat: FALSE | burn: 0
COV_log_LRHHC_n_long|ANARTERR_neuro
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
0
100
200
300
400
500
600
700
800
900
1000
1100

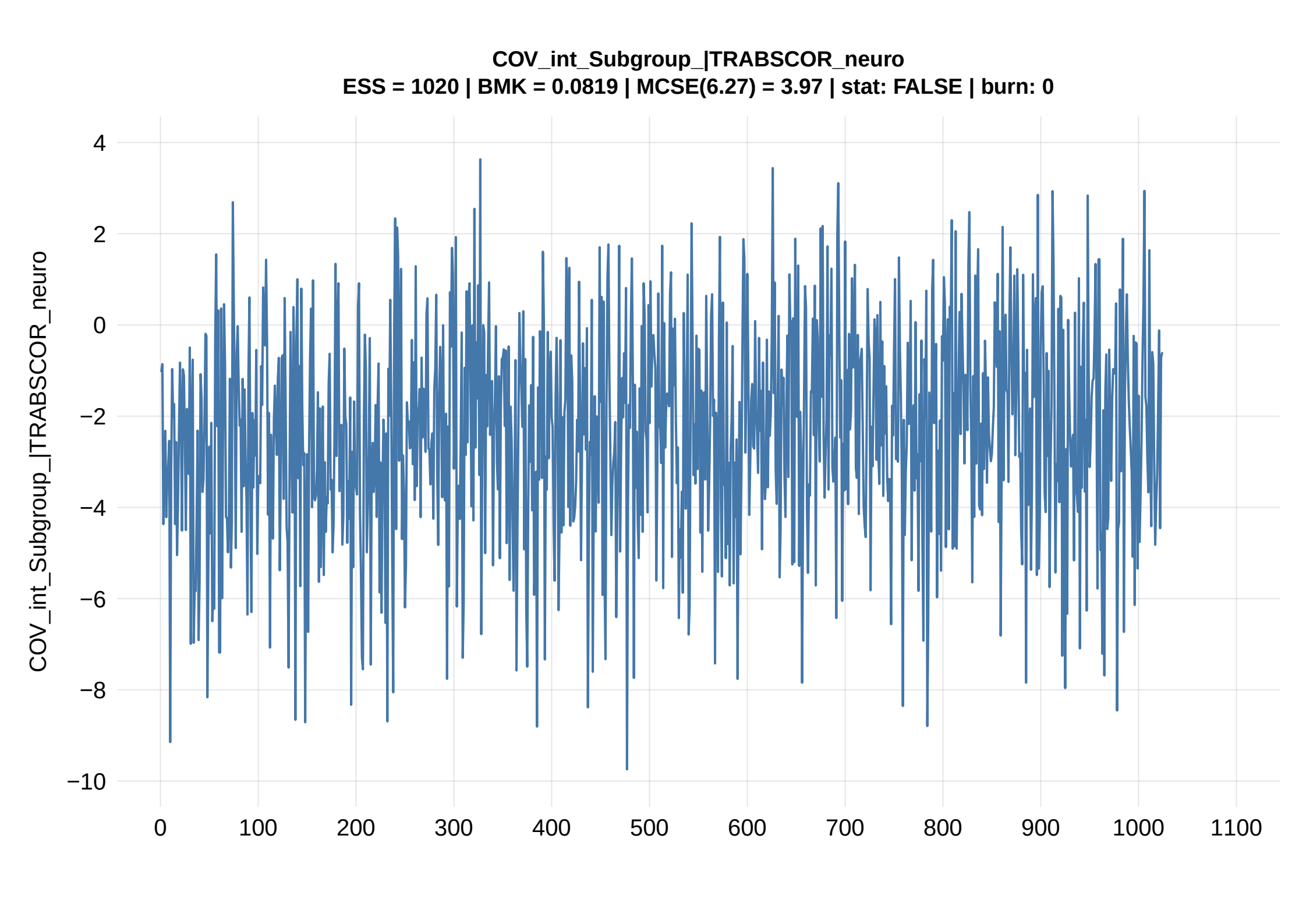

COV_int_Subgroup_|Gender_num_
ESS = 1020 | BMK = 0.045 | MCSE(6.27) = 3.66 | stat: FALSE | burn: 0
COV_int_Subgroup_|Gender_num_
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
0
100
200
300
400
500
600
700
800
900
1000
1100

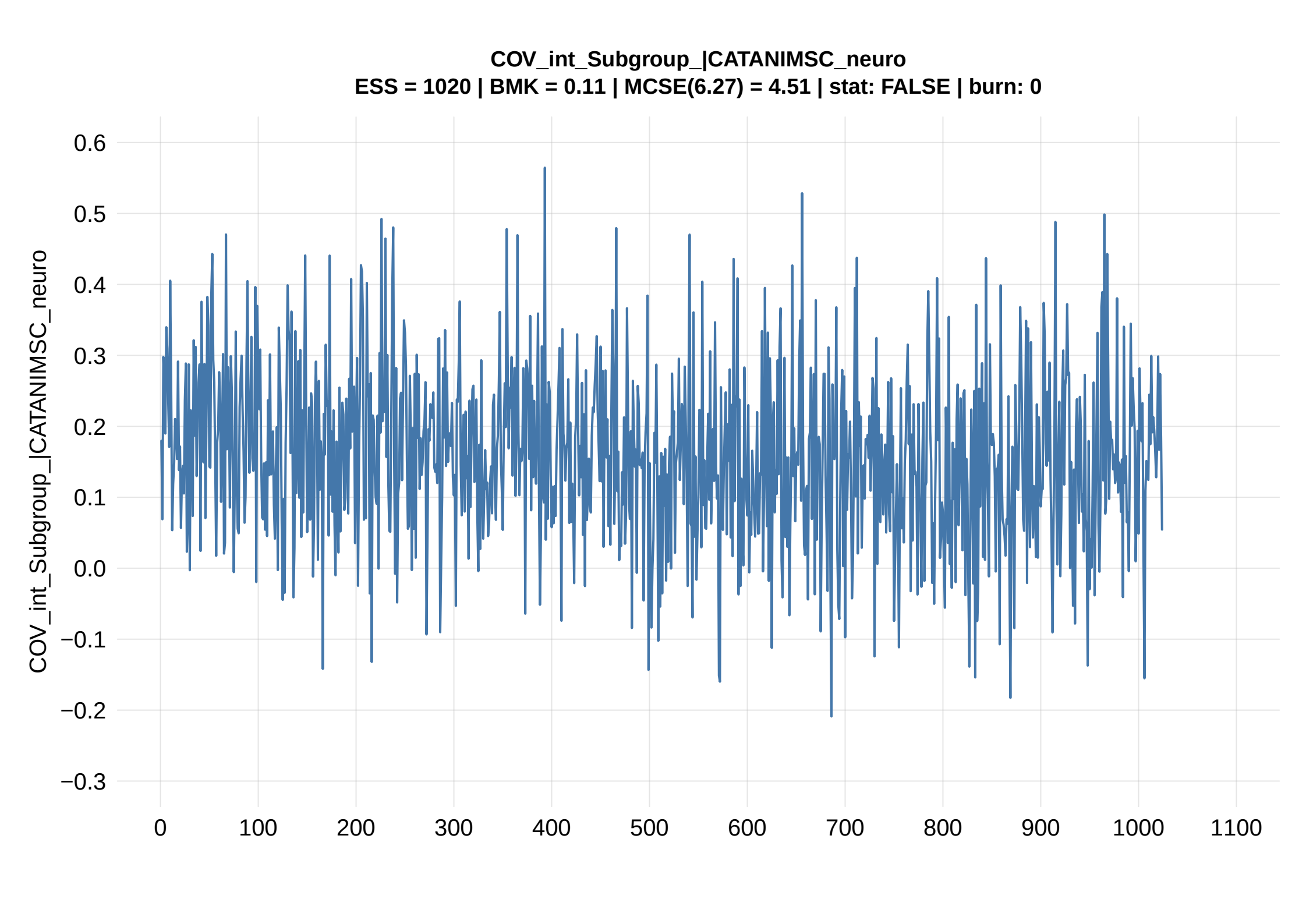

COV_int_Subgroup_|RAVLT_immediate
ESS = 94.8 | BMK = 0.125 | MCSE(6.27) = 5.63 | stat: FALSE | burn: 0
COV_int_Subgroup_|RAVLT_immediate
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
100
200
300
400
500
600
700
800
900
1000
1100

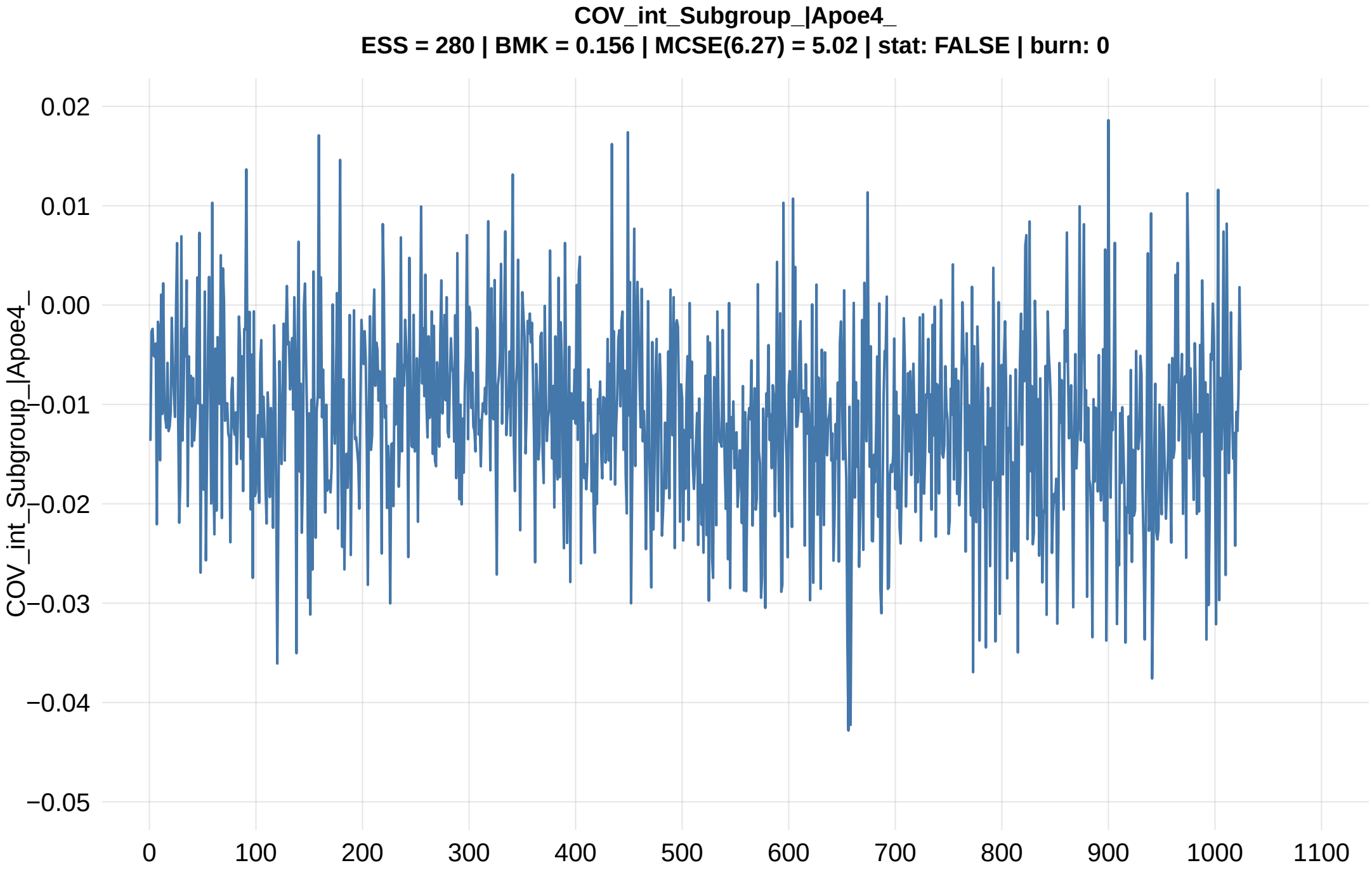

COV_int_Subgroup_|AVDEL30MIN_neuro
ESS = 30.8 | BMK = 0.218 | MCSE(6.27) = 7.89 | stat: FALSE | burn: 0
COV_int_Subgroup_|AVDEL30MIN_neuro
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
100
200
300
400
500
600
700
800
900
1000
1100

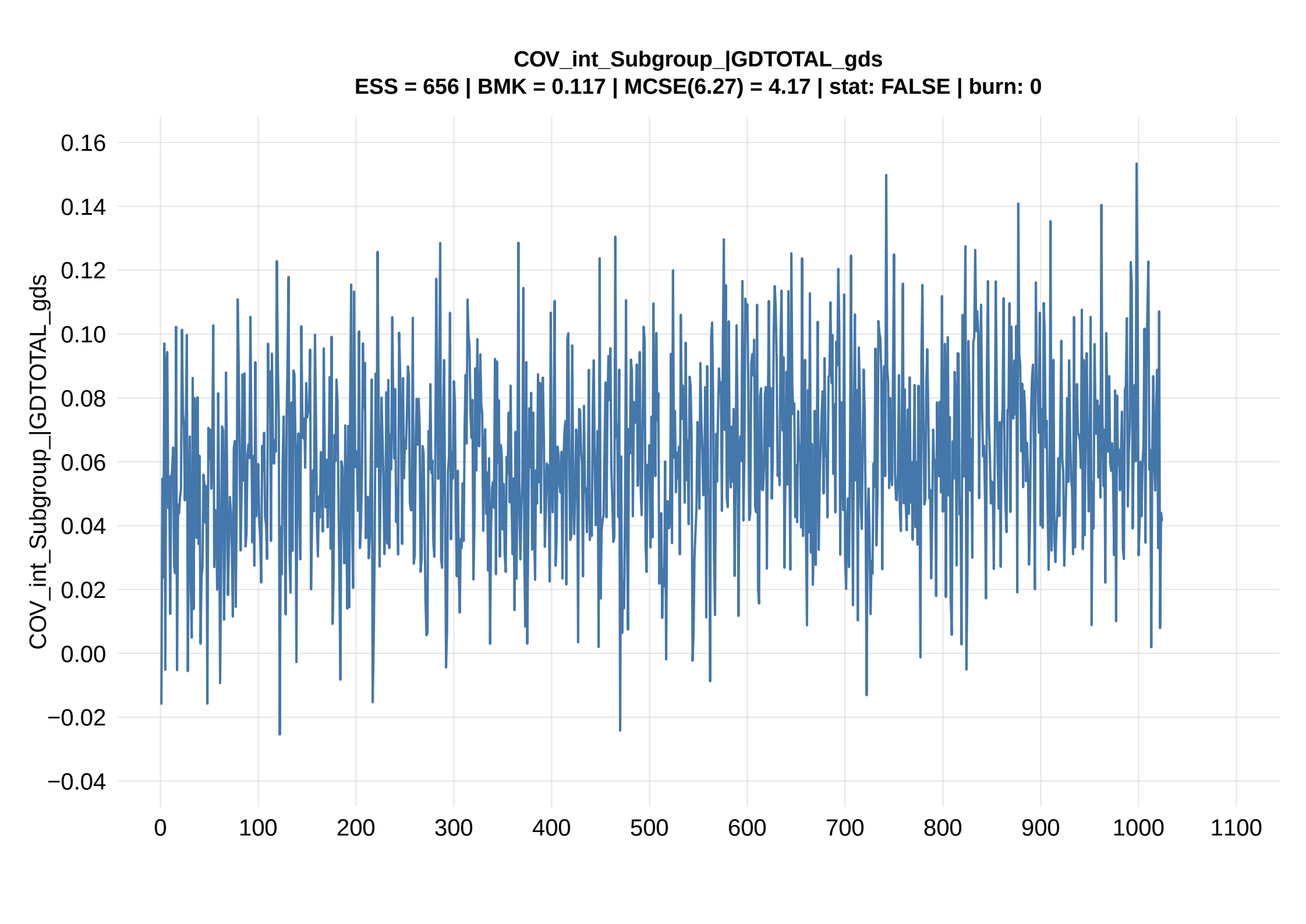

COV_int_Subgroup_|AVDELTOT_neuro
ESS = 54.7 | BMK = 0.207 | MCSE(6.27) = 7.19 | stat: FALSE | burn: 0
COV_int_Subgroup_|AVDELTOT_neuro
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0
100
200
300
400
500
600
700
800
900
1000
1100

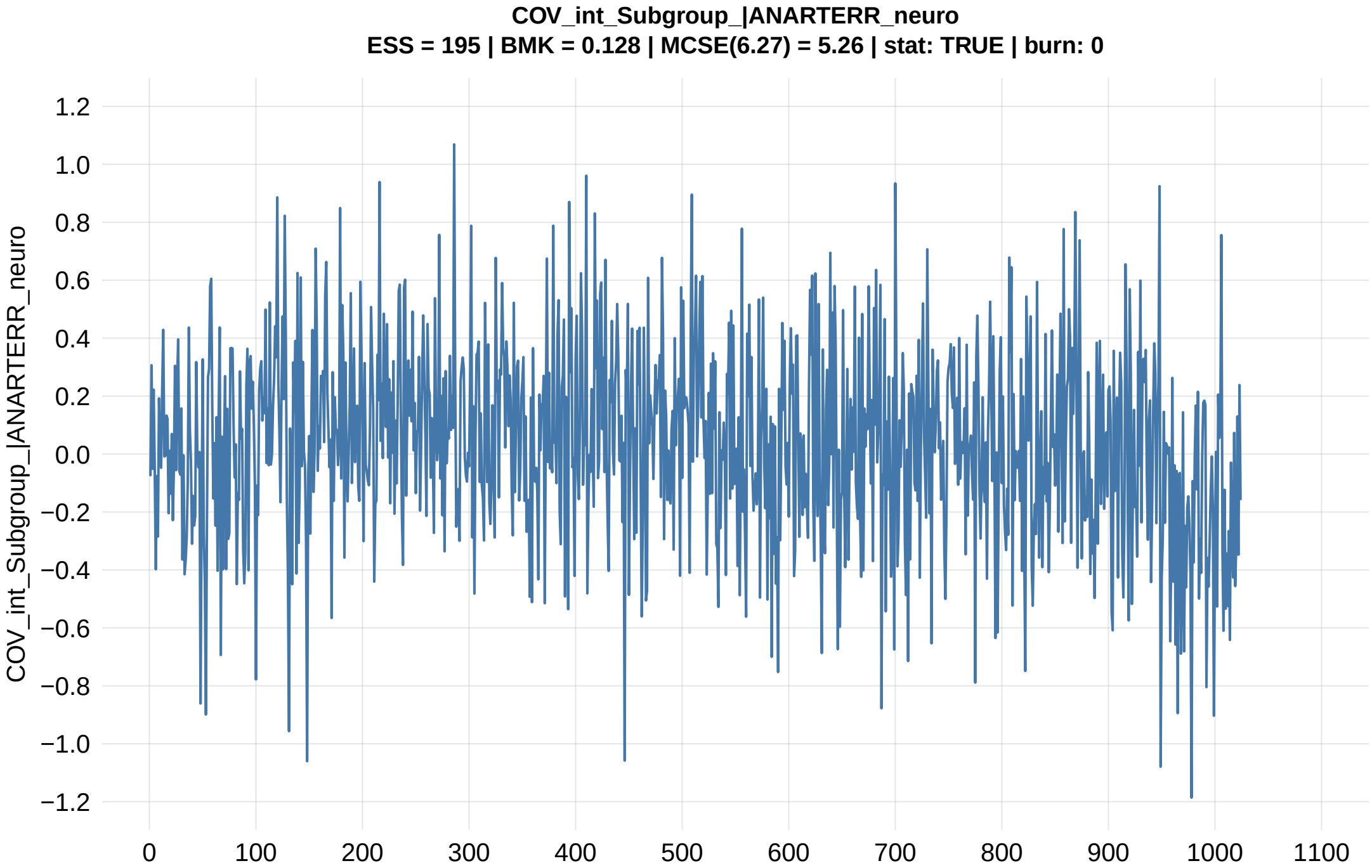

COV_int_Subgroup_|TRAASCOR_neuro
ESS = 1020 | BMK = 0.0661 | MCSE(6.27) = 3.37 | stat: FALSE | burn: 0
COV_int_Subgroup_|TRAASCOR_neuro
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
−3.5
0
100
200
300
400
500
600
700
800
900
1000
1100

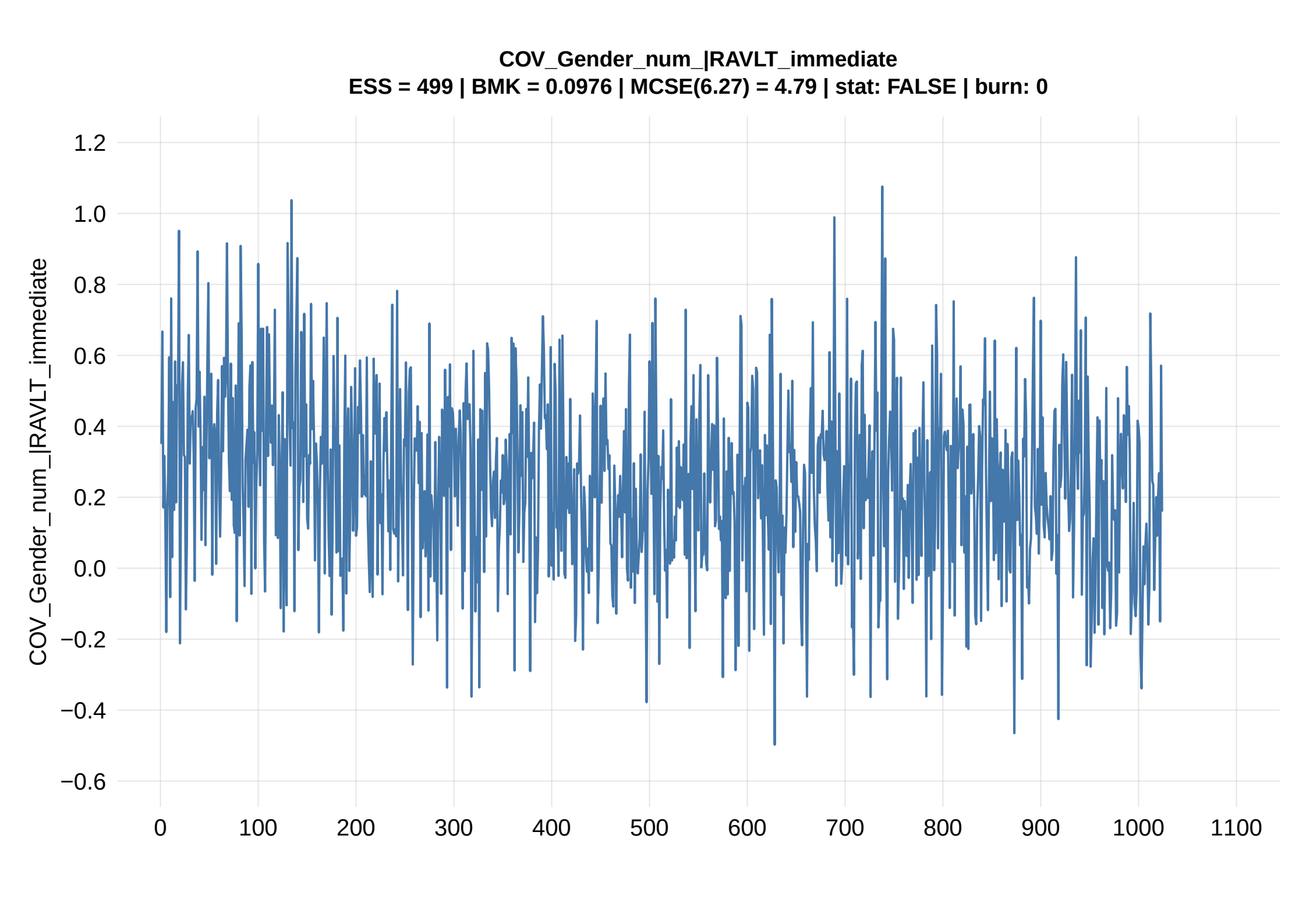

COV_int_Subgroup_|TRABSCOR_neuro
ESS = 1020 | BMK = 0.0819 | MCSE(6.27) = 3.97 | stat: FALSE | burn: 0
COV_int_Subgroup_|TRABSCOR_neuro
4
2
0
−2
−4
−6
−8
−10
0
100
200
300
400
500
600
700
800
900
1000
1100

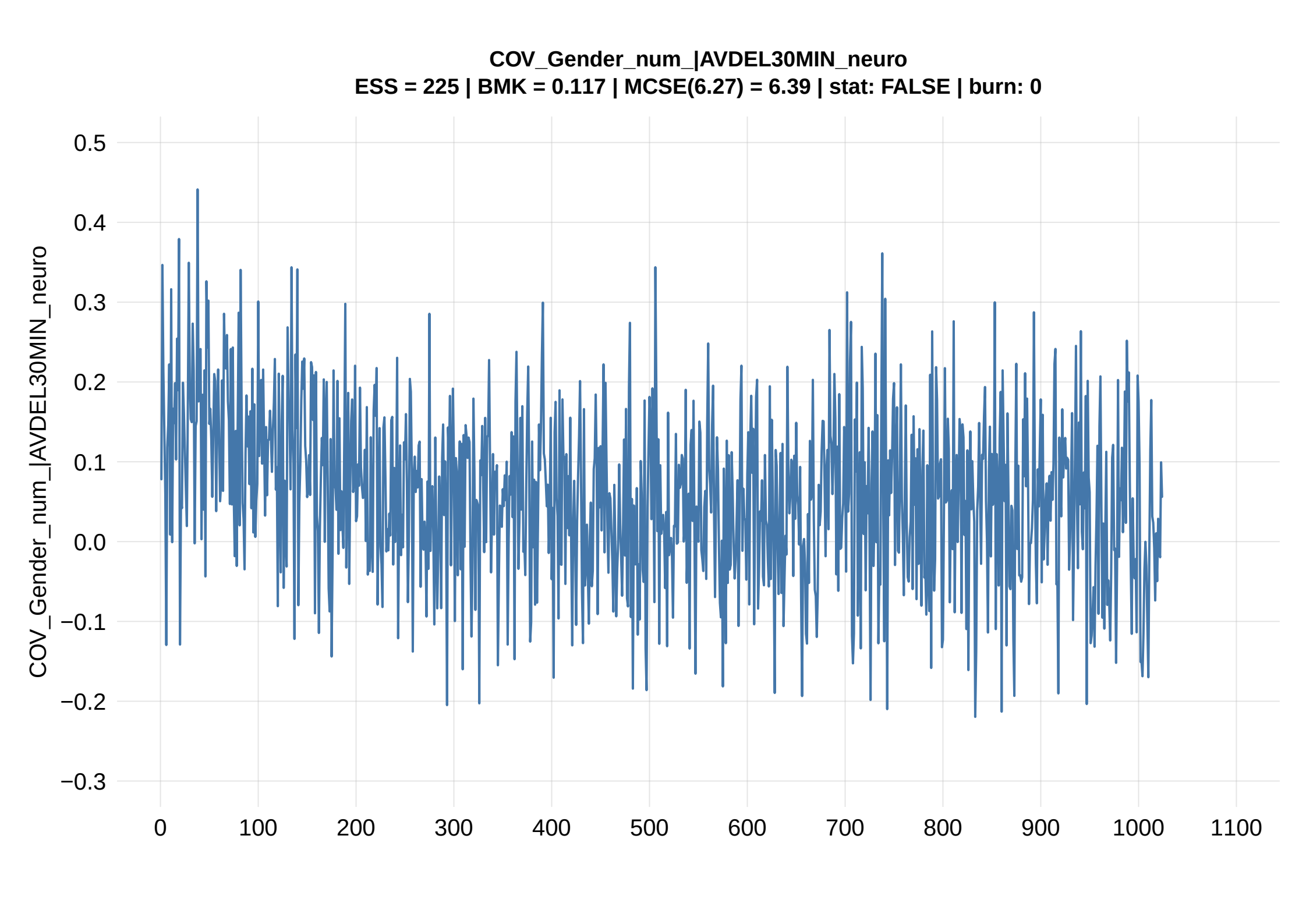

COV_int_Subgroup_|CATANIMSC_neuro
ESS = 1020 | BMK = 0.11 | MCSE(6.27) = 4.51 | stat: FALSE | burn: 0
COV_int_Subgroup_|CATANIMSC_neuro
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
100
200
300
400
500
600
700
800
900
1000
1100

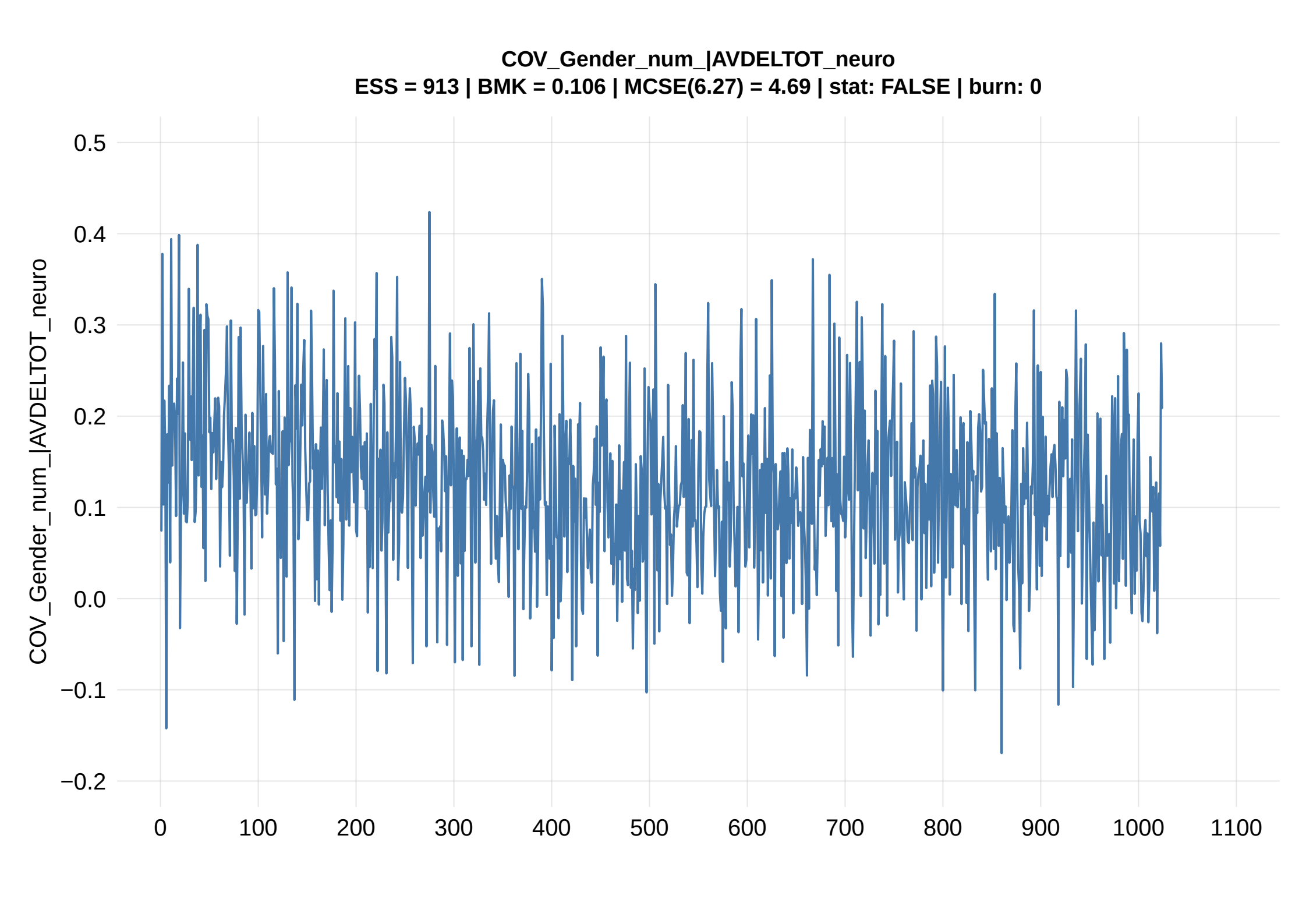

COV_int_Subgroup_|Apoe4_
ESS = 280 | BMK = 0.156 | MCSE(6.27) = 5.02 | stat: FALSE | burn: 0
COV_int_Subgroup_|Apoe4_
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
0
100
200
300
400
500
600
700
800
900
1000
1100

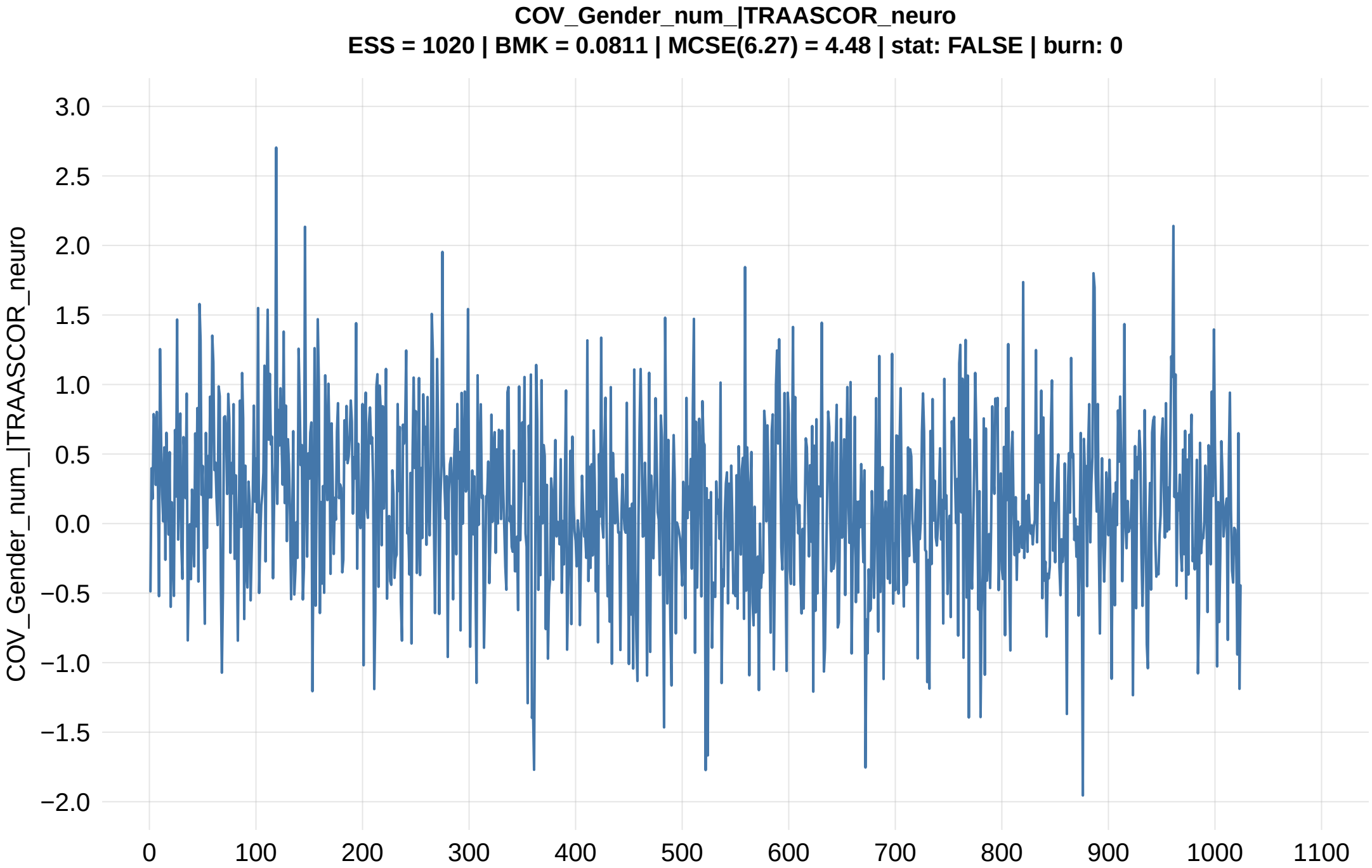

COV_int_Subgroup_|GDTOTAL_gds
ESS = 656 | BMK = 0.117 | MCSE(6.27) = 4.17 | stat: FALSE | burn: 0
COV_int_Subgroup_|GDTOTAL_gds
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
0
100
200
300
400
500
600
700
800
900
1000
1100

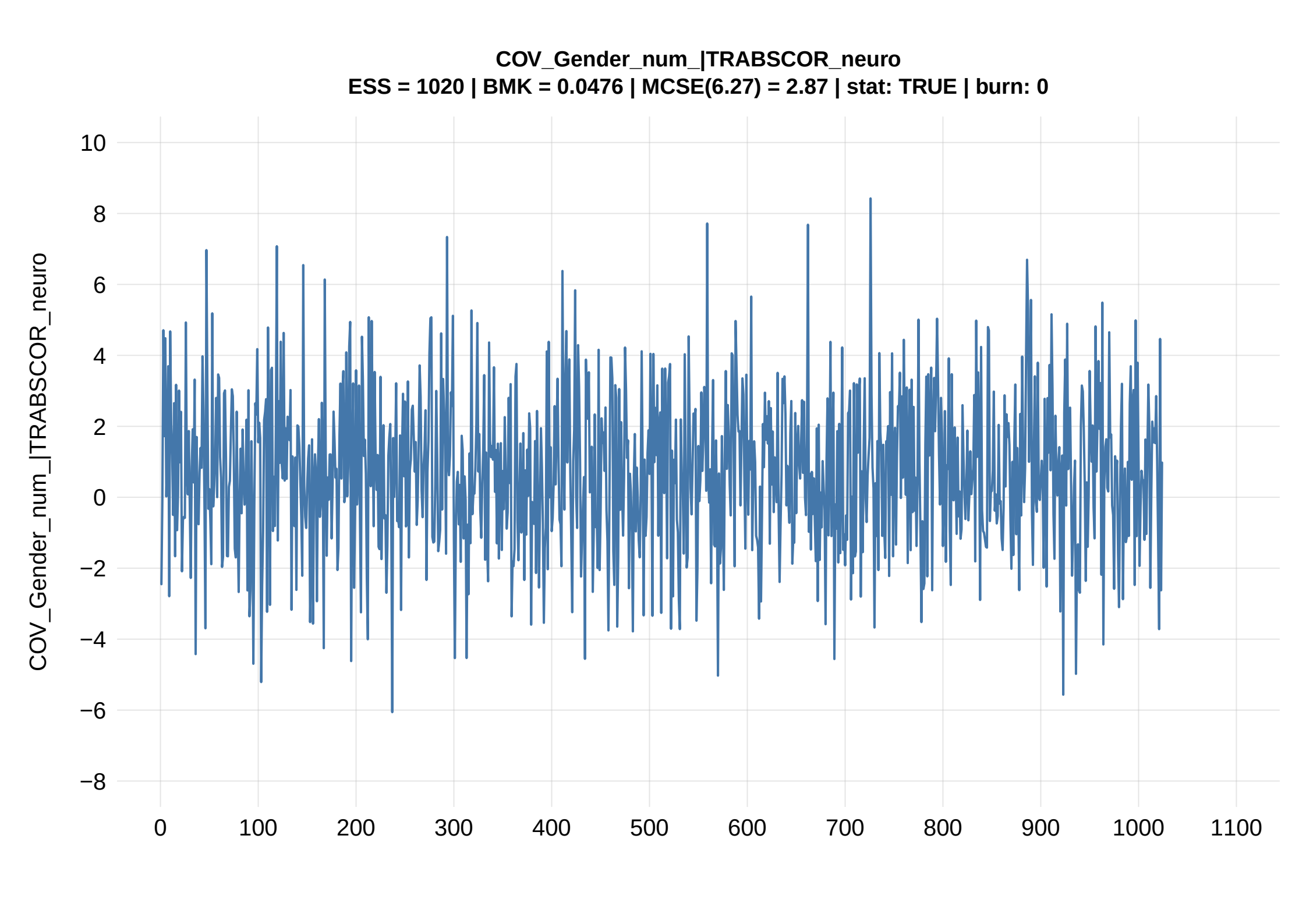

COV_int_Subgroup_|ANARTERR_neuro
ESS = 195 | BMK = 0.128 | MCSE(6.27) = 5.26 | stat: TRUE | burn: 0
COV_int_Subgroup_|ANARTERR_neuro
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
0
100
200
300
400
500
600
700
800
900
1000
1100

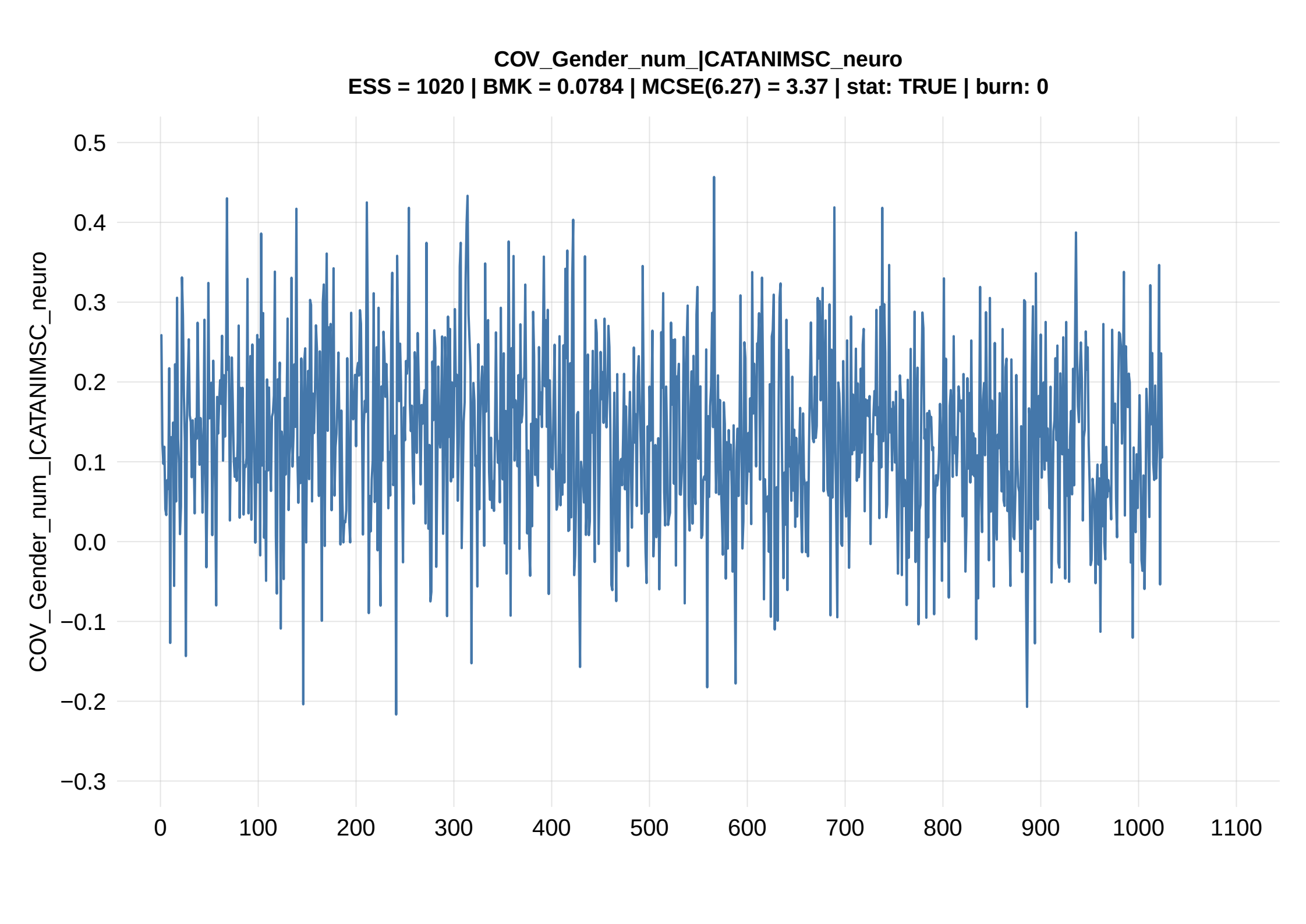

COV_Gender_num_|RAVLT_immediate
ESS = 499 | BMK = 0.0976 | MCSE(6.27) = 4.79 | stat: FALSE | burn: 0
COV_Gender_num_|RAVLT_immediate
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
100
200
300
400
500
600
700
800
900
1000
1100

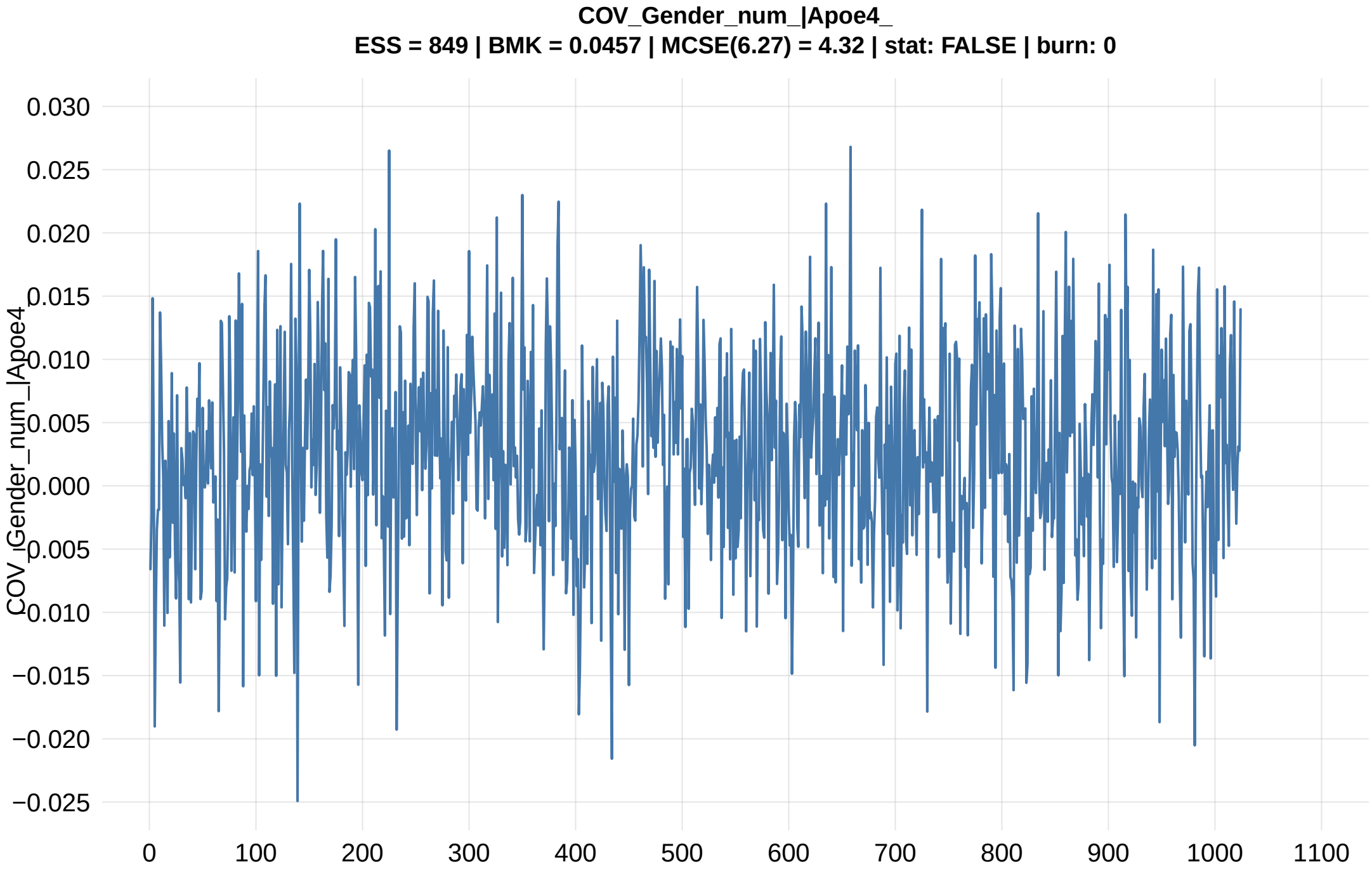

COV_Gender_num_|AVDEL30MIN_neuro
ESS = 225 | BMK = 0.117 | MCSE(6.27) = 6.39 | stat: FALSE | burn: 0
COV_Gender_num_|AVDEL30MIN_neuro
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
100
200
300
400
500
600
700
800
900
1000
1100

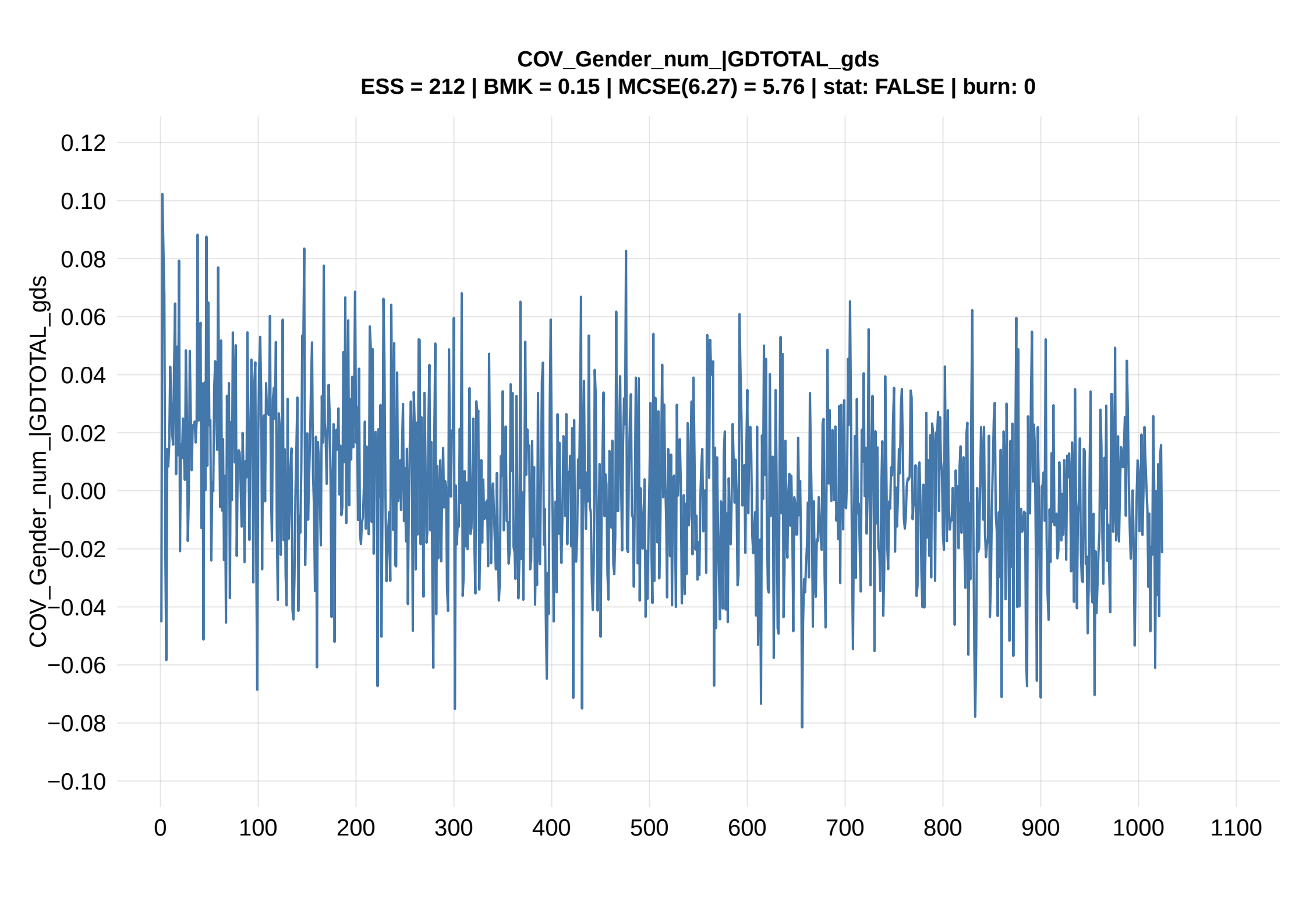

COV_Gender_num_|AVDELTOT_neuro
ESS = 913 | BMK = 0.106 | MCSE(6.27) = 4.69 | stat: FALSE | burn: 0
COV_Gender_num_|AVDELTOT_neuro
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
100
200
300
400
500
600
700
800
900
1000
1100

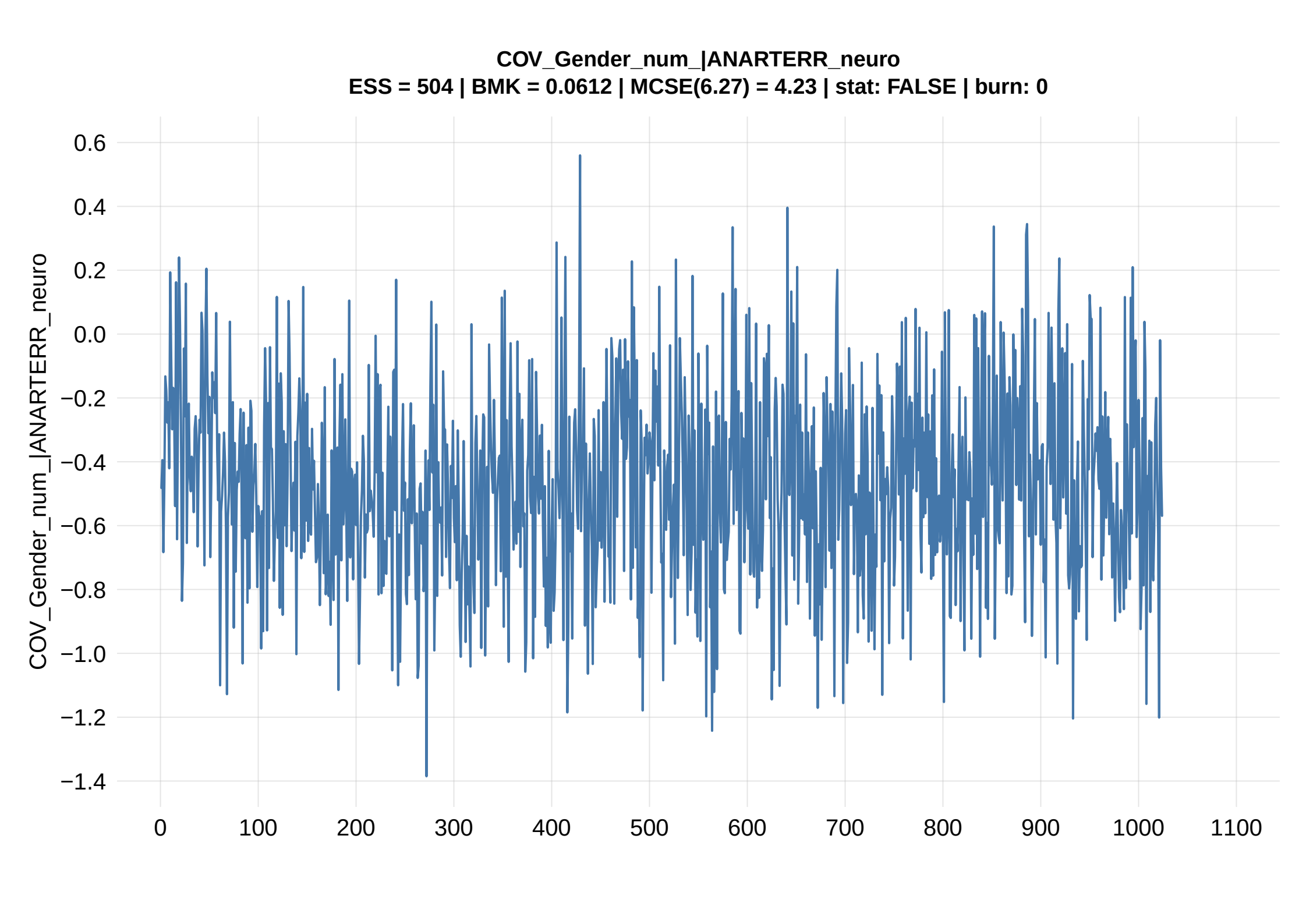

COV_Gender_num_|TRAASCOR_neuro
ESS = 1020 | BMK = 0.0811 | MCSE(6.27) = 4.48 | stat: FALSE | burn: 0
COV_Gender_num_|TRAASCOR_neuro
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
0
100
200
300
400
500
600
700
800
900
1000
1100

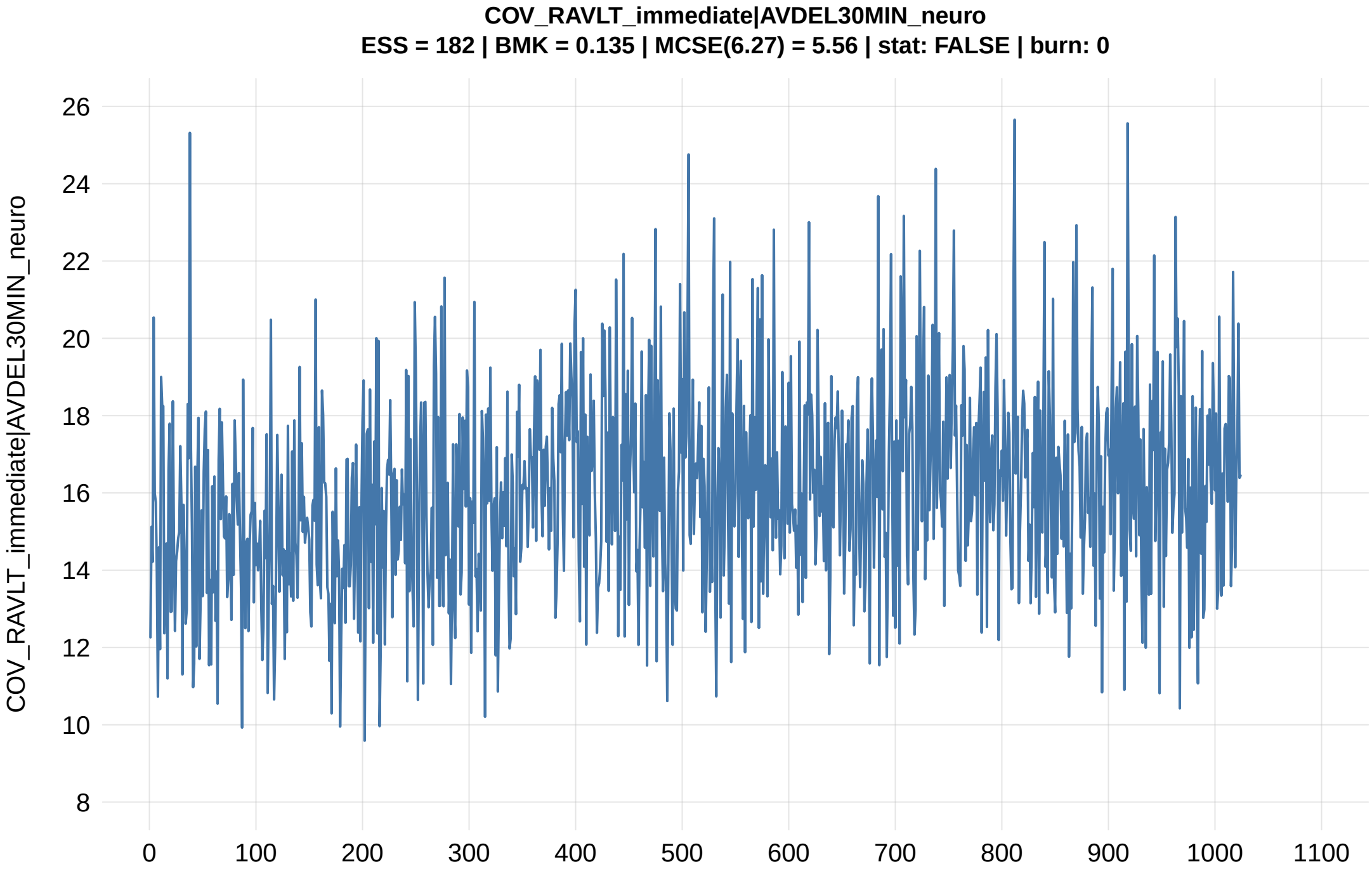

COV_Gender_num_|TRABSCOR_neuro
ESS = 1020 | BMK = 0.0476 | MCSE(6.27) = 2.87 | stat: TRUE | burn: 0
COV_Gender_num_|TRABSCOR_neuro
10
8
6
4
2
0
−2
−4
−6
−8
0
100
200
300
400
500
600
700
800
900
1000
1100

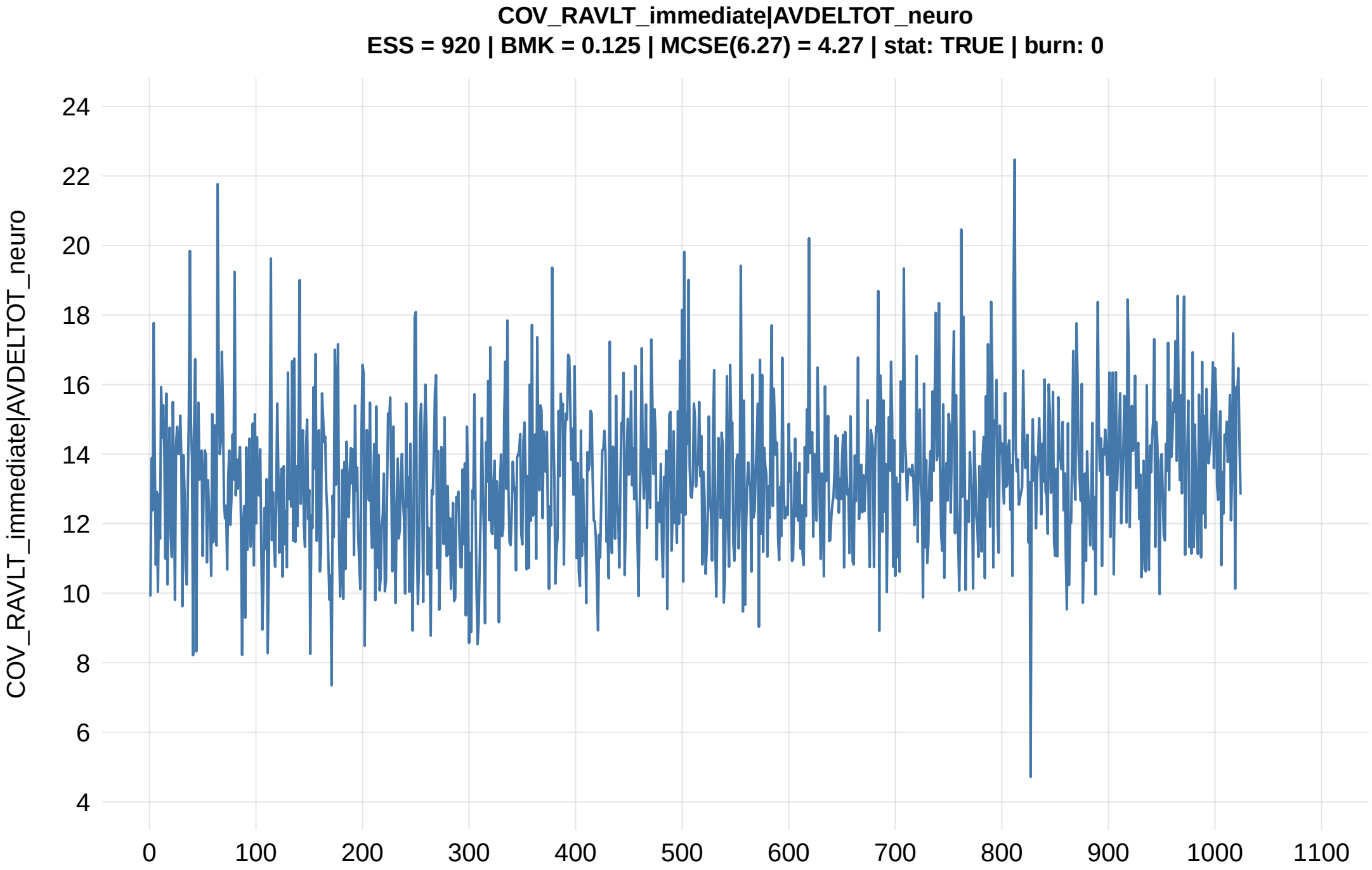

COV_Gender_num_|CATANIMSC_neuro
ESS = 1020 | BMK = 0.0784 | MCSE(6.27) = 3.37 | stat: TRUE | burn: 0
COV_Gender_num_|CATANIMSC_neuro
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
100
200
300
400
500
600
700
800
900
1000
1100

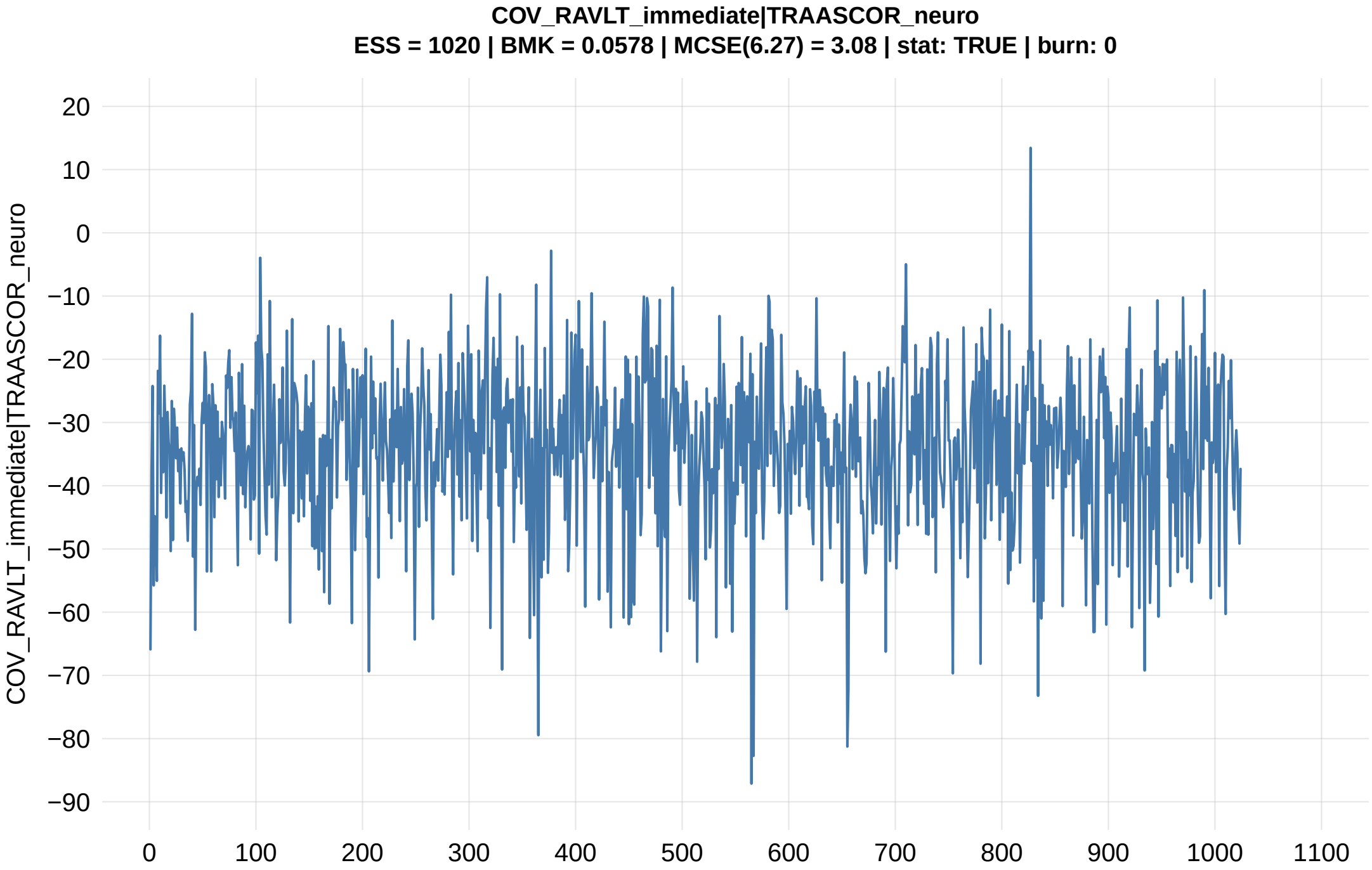

COV_Gender_num_|Apoe4_
ESS = 849 | BMK = 0.0457 | MCSE(6.27) = 4.32 | stat: FALSE | burn: 0
COV_Gender_num_|Apoe4
0.030
0.025
0.020
0.015
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
0
100
200
300
400
500
600
700
800
900
1000
1100

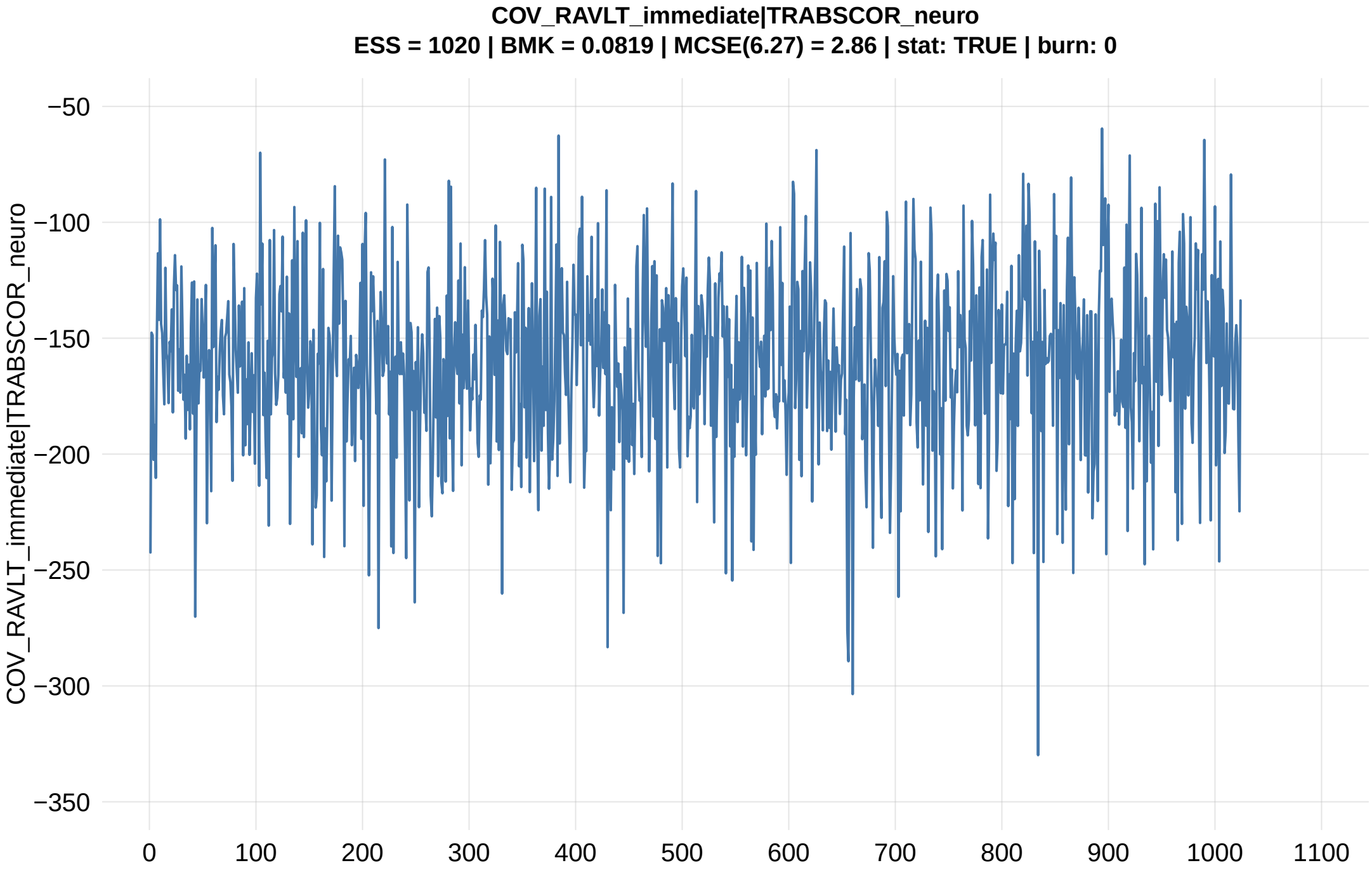

COV_Gender_num_|GDTOTAL_gds
ESS = 212 | BMK = 0.15 | MCSE(6.27) = 5.76 | stat: FALSE | burn: 0
COV_Gender_num_|GDTOTAL_gds
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
0
100
200
300
400
500
600
700
800
900
1000
1100

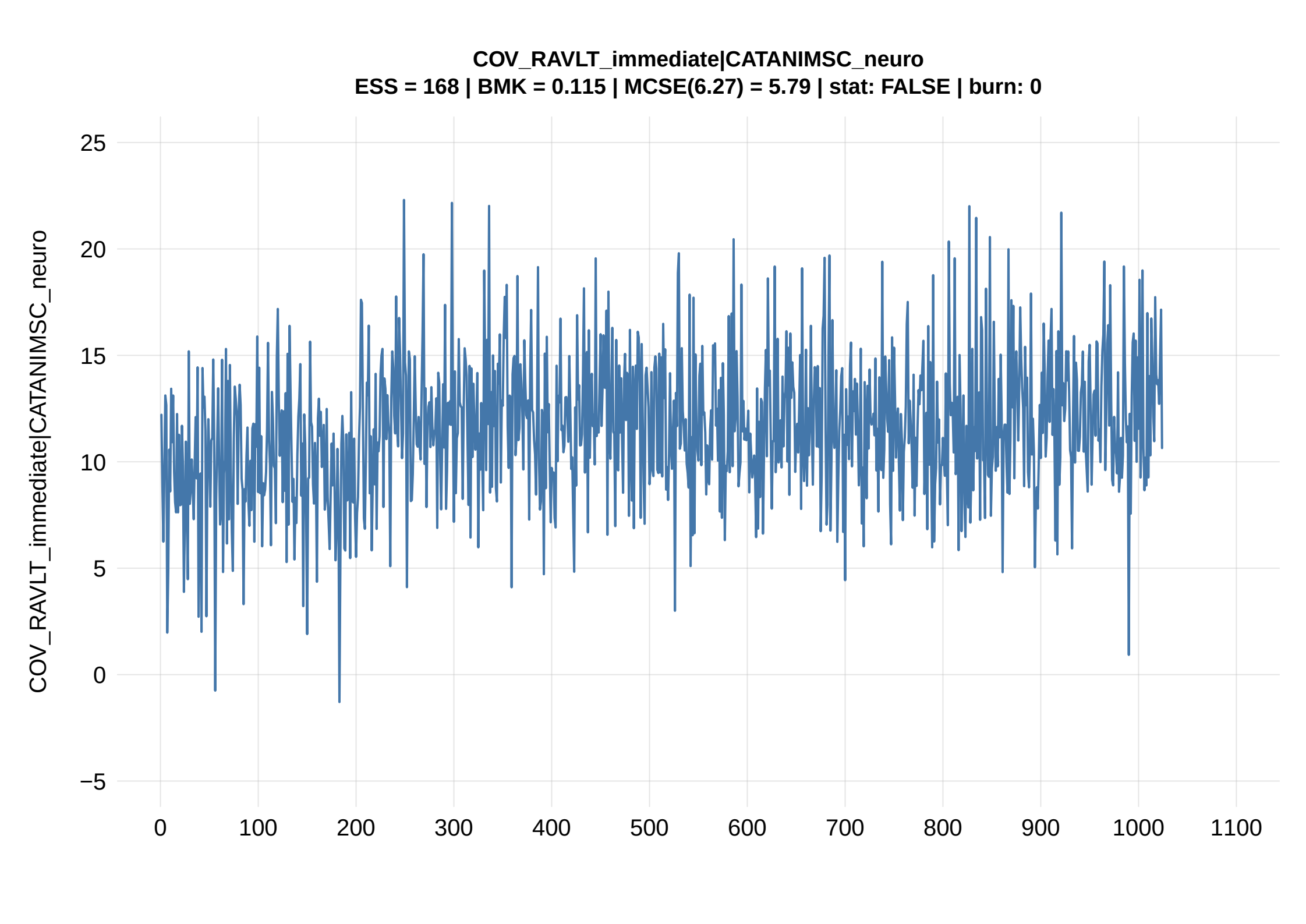

COV_Gender_num_|ANARTERR_neuro
ESS = 504 | BMK = 0.0612 | MCSE(6.27) = 4.23 | stat: FALSE | burn: 0
COV_Gender_num_|ANARTERR_neuro
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
0
100
200
300
400
500
600
700
800
900
1000
1100

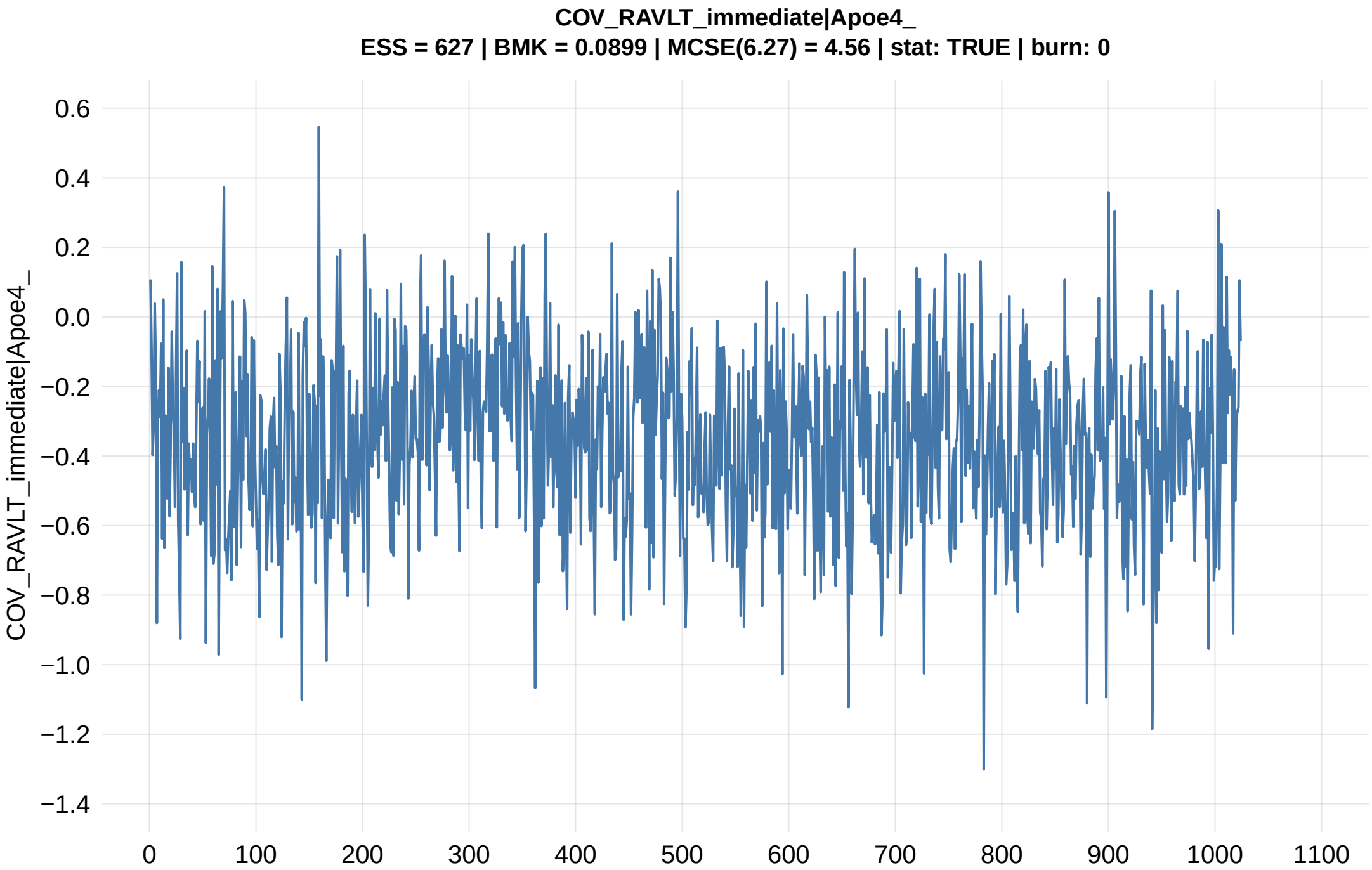

COV_RAVLT_immediate|AVDEL30MIN_neuro
ESS = 182 | BMK = 0.135 | MCSE(6.27) = 5.56 | stat: FALSE | burn: 0
COV_RAVLT_immediate|AVDEL30MIN_neuro
26
24
22
20
18
16
14
12
10
8
0
100
200
300
400
500
600
700
800
900
1000
1100

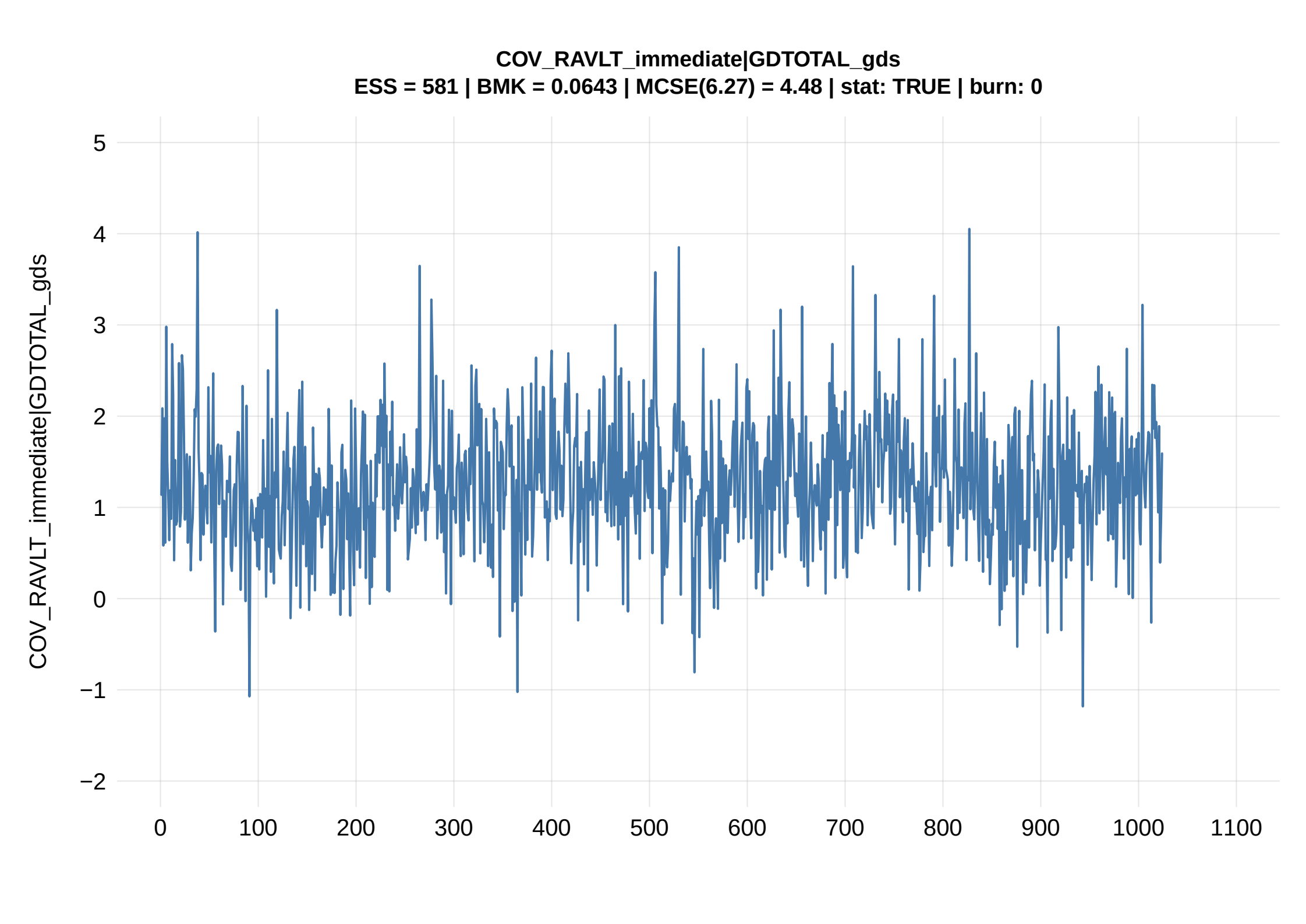

COV_RAVLT_immediate|AVDELTOT_neuro
ESS = 920 | BMK = 0.125 | MCSE(6.27) = 4.27 | stat: TRUE | burn: 0
COV_RAVLT_immediate|AVDELTOT_neuro
24
22
20
18
16
14
12
10
8
6
4
0
100
200
300
400
500
600
700
800
900
1000
1100

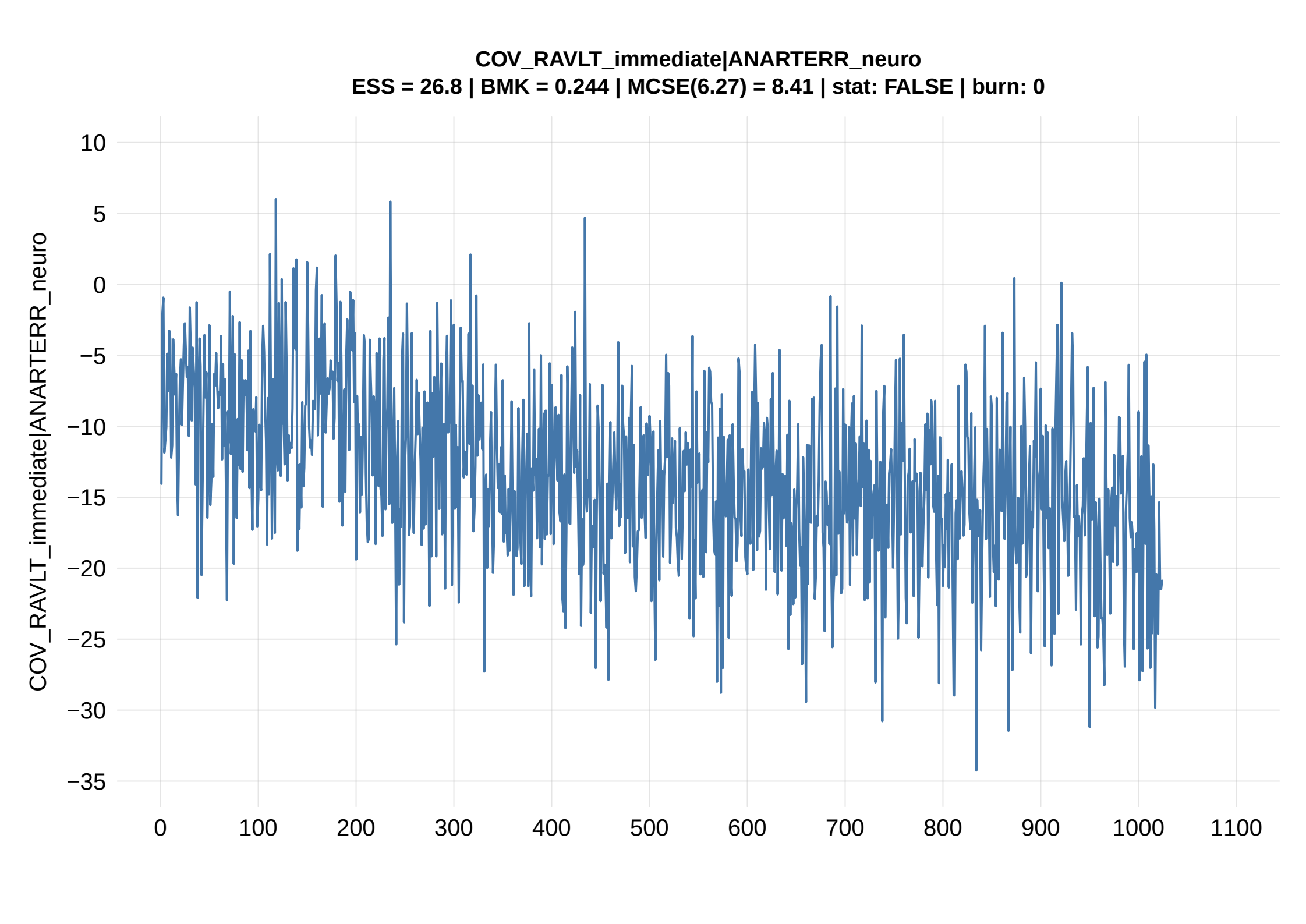

COV_RAVLT_immediate|TRAASCOR_neuro
ESS = 1020 | BMK = 0.0578 | MCSE(6.27) = 3.08 | stat: TRUE | burn: 0
COV_RAVLT_immediate|TRAASCOR_neuro
20
10
0
−10
−20
−30
−40
−50
−60
−70
−80
−90
0
100
200
300
400
500
600
700
800
900
1000
1100

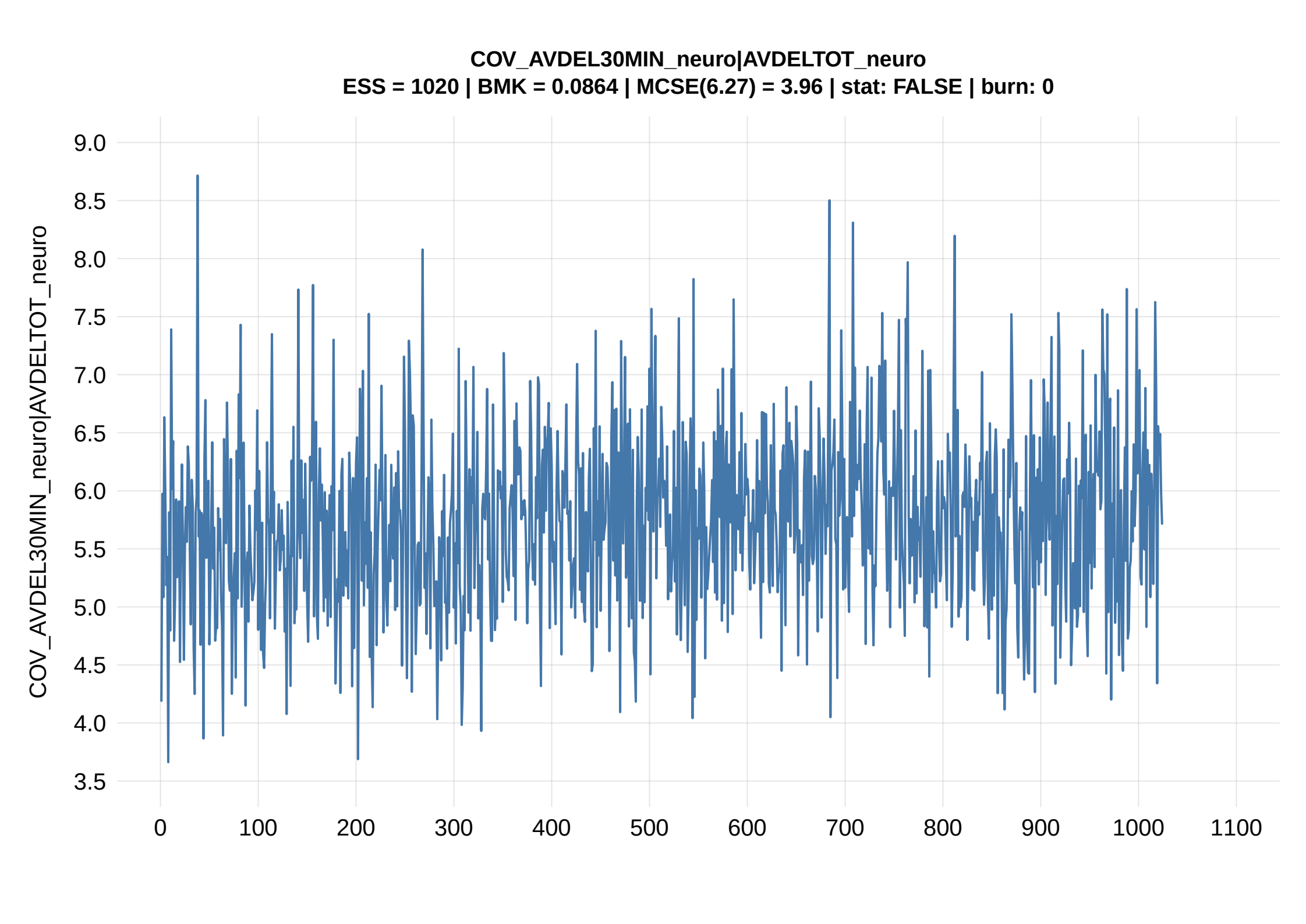

COV_RAVLT_immediate|TRABSCOR_neuro
ESS = 1020 | BMK = 0.0819 | MCSE(6.27) = 2.86 | stat: TRUE | burn: 0
COV_RAVLT_immediate|TRABSCOR_neuro
−50
−100
−150
−200
−250
−300
−350
0
100
200
300
400
500
600
700
800
900
1000
1100

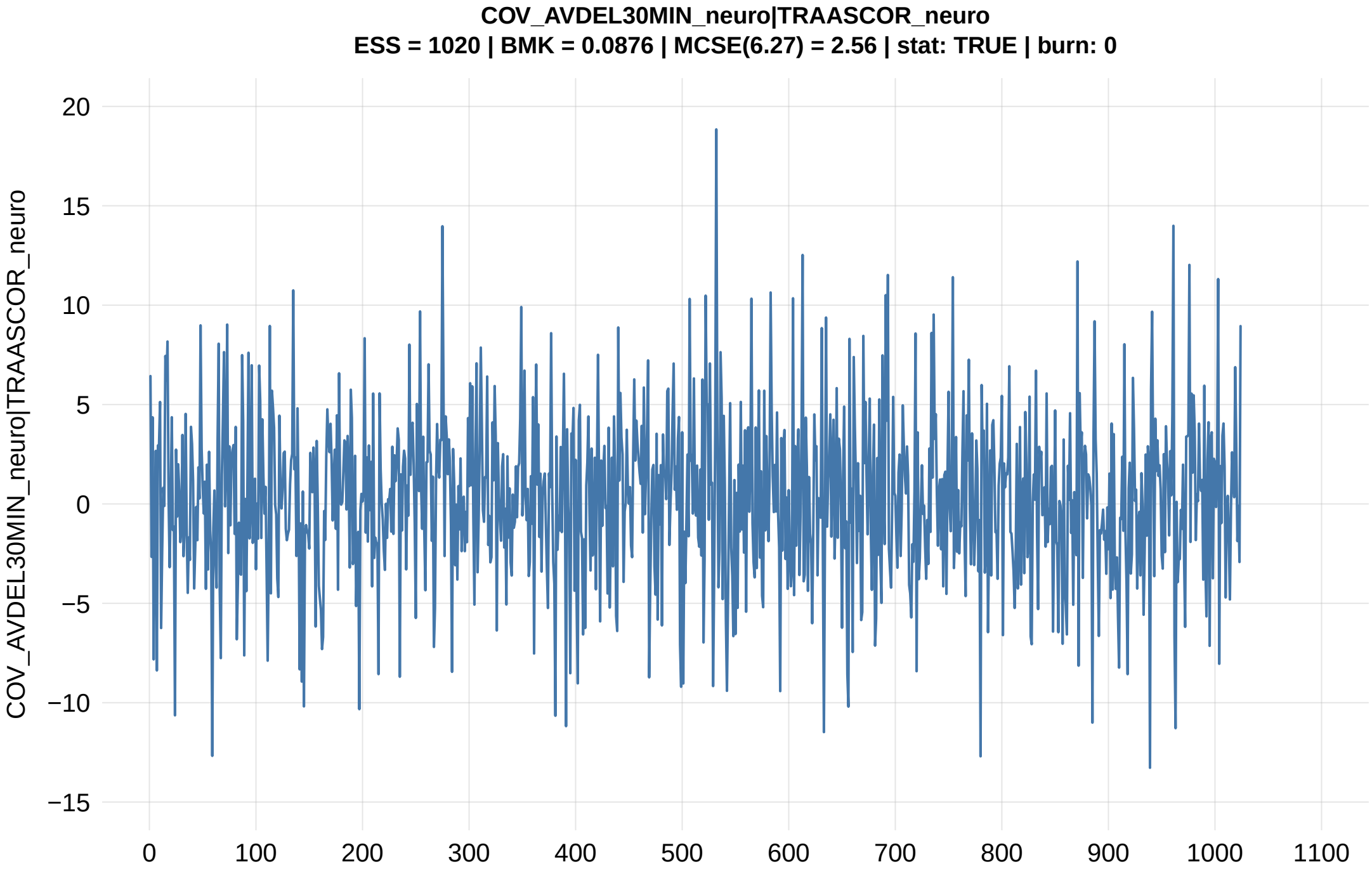

COV_RAVLT_immediate|CATANIMSC_neuro
ESS = 168 | BMK = 0.115 | MCSE(6.27) = 5.79 | stat: FALSE | burn: 0
COV_RAVLT_immediate|CATANIMSC_neuro
25
20
15
10
5
0
−5
0
100
200
300
400
500
600
700
800
900
1000
1100

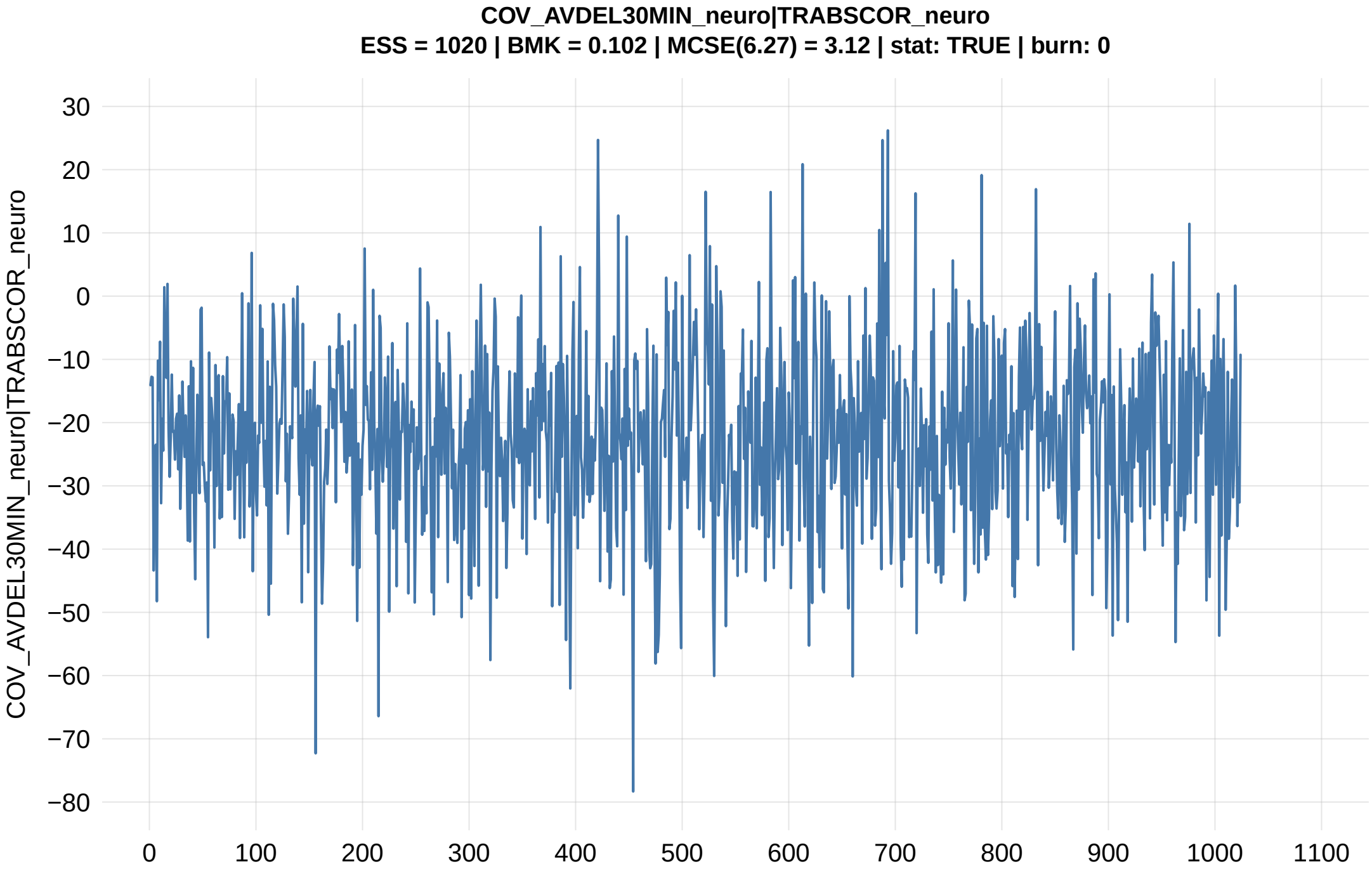

COV_RAVLT_immediate|Apoe4_
ESS = 627 | BMK = 0.0899 | MCSE(6.27) = 4.56 | stat: TRUE | burn: 0
COV_RAVLT_immediate|Apoe4_
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
0
100
200
300
400
500
600
700
800
900
1000
1100

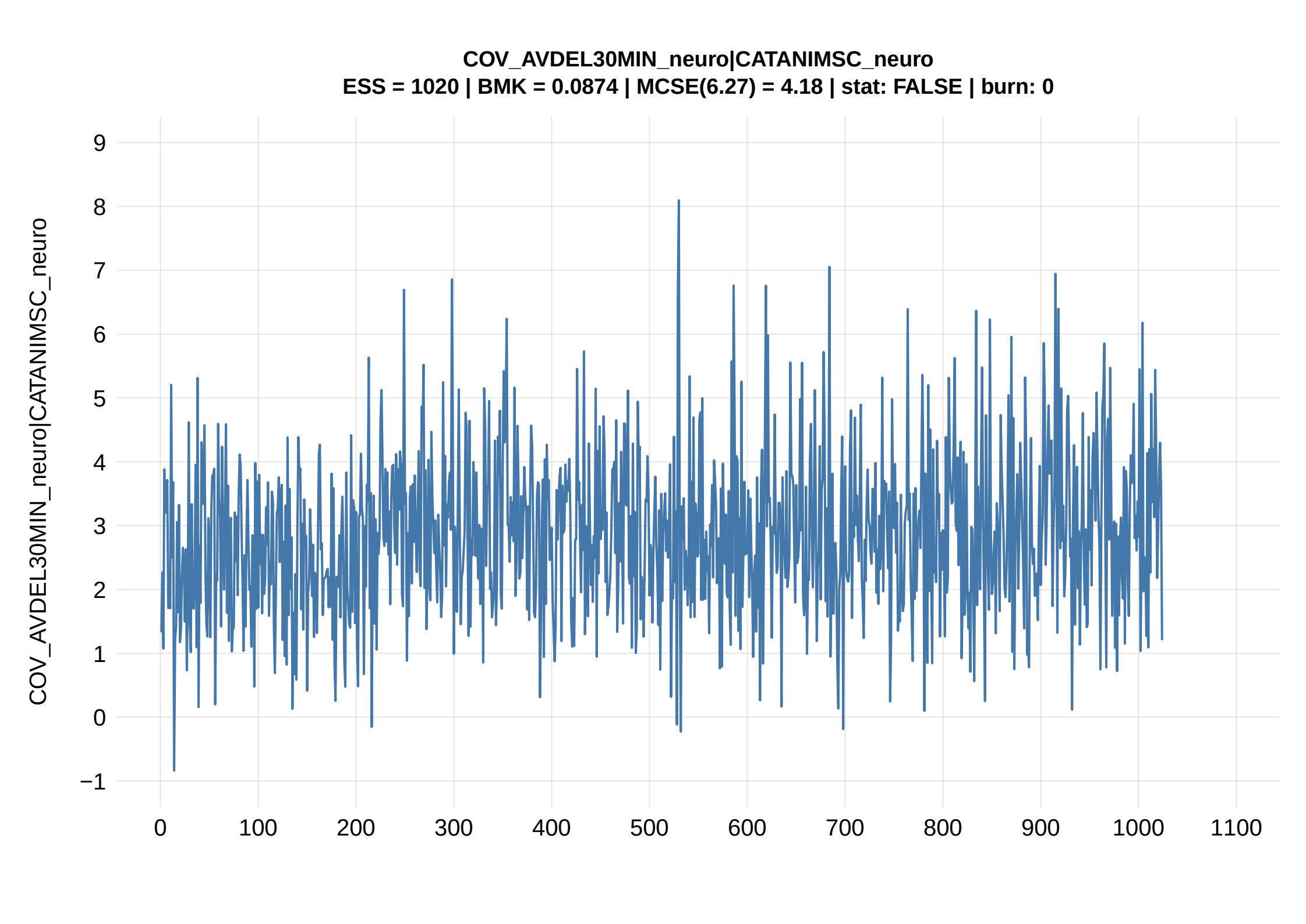

COV_RAVLT_immediate|GDTOTAL_gds
ESS = 581 | BMK = 0.0643 | MCSE(6.27) = 4.48 | stat: TRUE | burn: 0
COV_RAVLT_immediate|GDTOTAL_gds
5
4
3
2
1
0
−1
−2
0
100
200
300
400
500
600
700
800
900
1000
1100

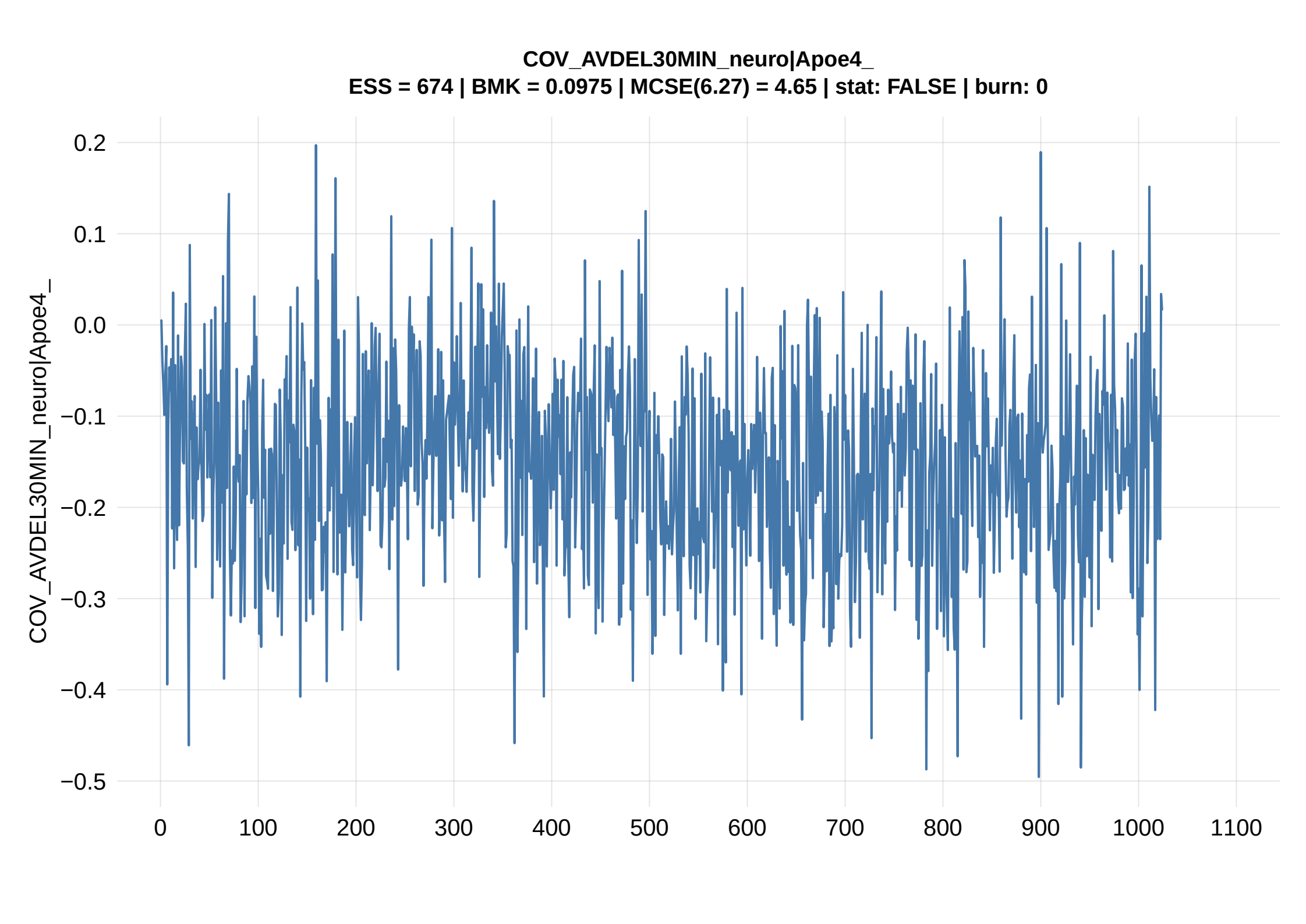

COV_RAVLT_immediate|ANARTERR_neuro
ESS = 26.8 | BMK = 0.244 | MCSE(6.27) = 8.41 | stat: FALSE | burn: 0
COV_RAVLT_immediate|ANARTERR_neuro
10
5
0
−5
−10
−15
−20
−25
−30
−35
0
100
200
300
400
500
600
700
800
900
1000
1100

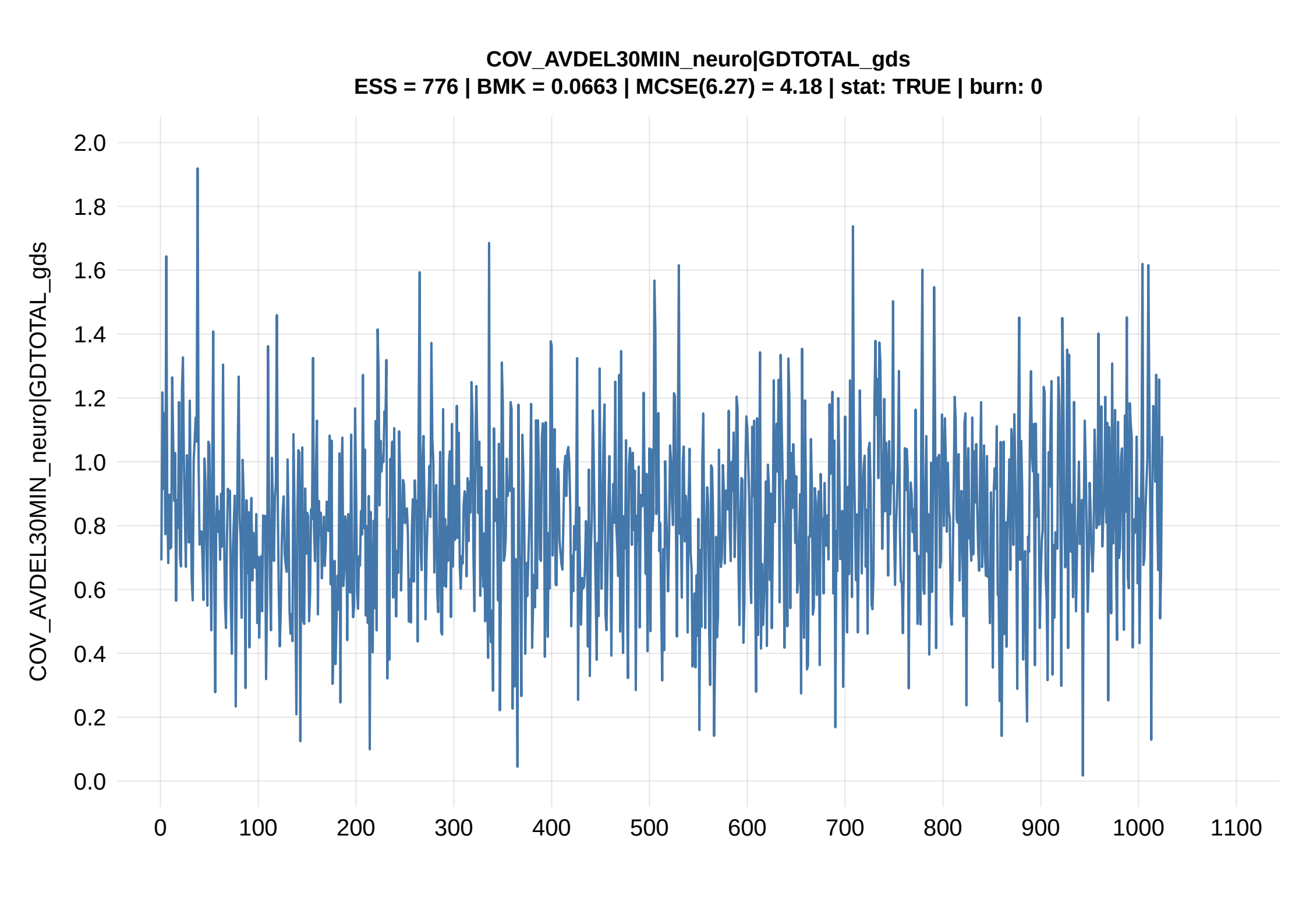

COV_AVDEL30MIN_neuro|AVDELTOT_neuro
ESS = 1020 | BMK = 0.0864 | MCSE(6.27) = 3.96 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro|AVDELTOT_neuro
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
0
100
200
300
400
500
600
700
800
900
1000
1100

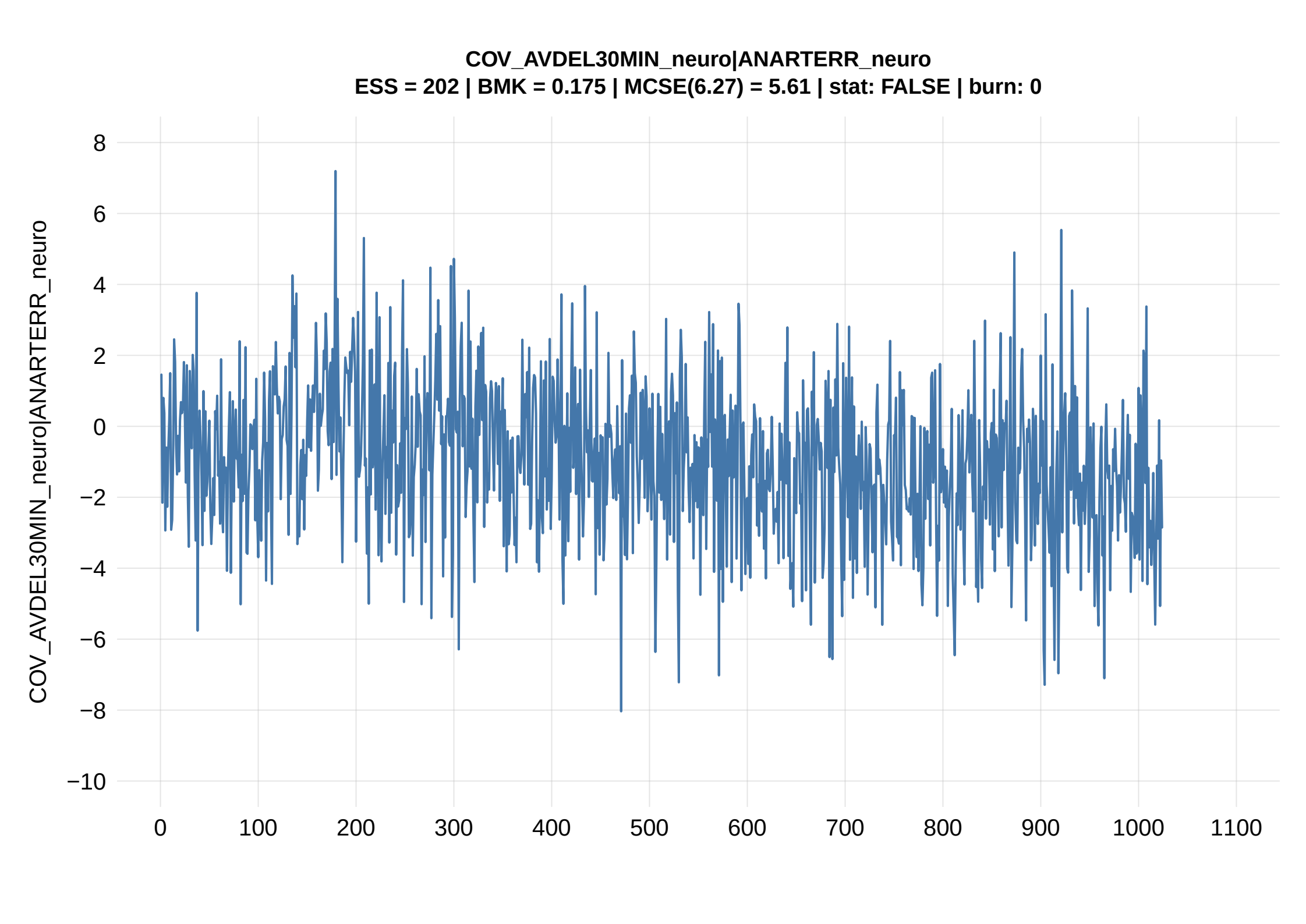

COV_AVDEL30MIN_neuro|TRAASCOR_neuro
ESS = 1020 | BMK = 0.0876 | MCSE(6.27) = 2.56 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro|TRAASCOR_neuro
20
15
10
5
0
−5
−10
−15
0
100
200
300
400
500
600
700
800
900
1000
1100

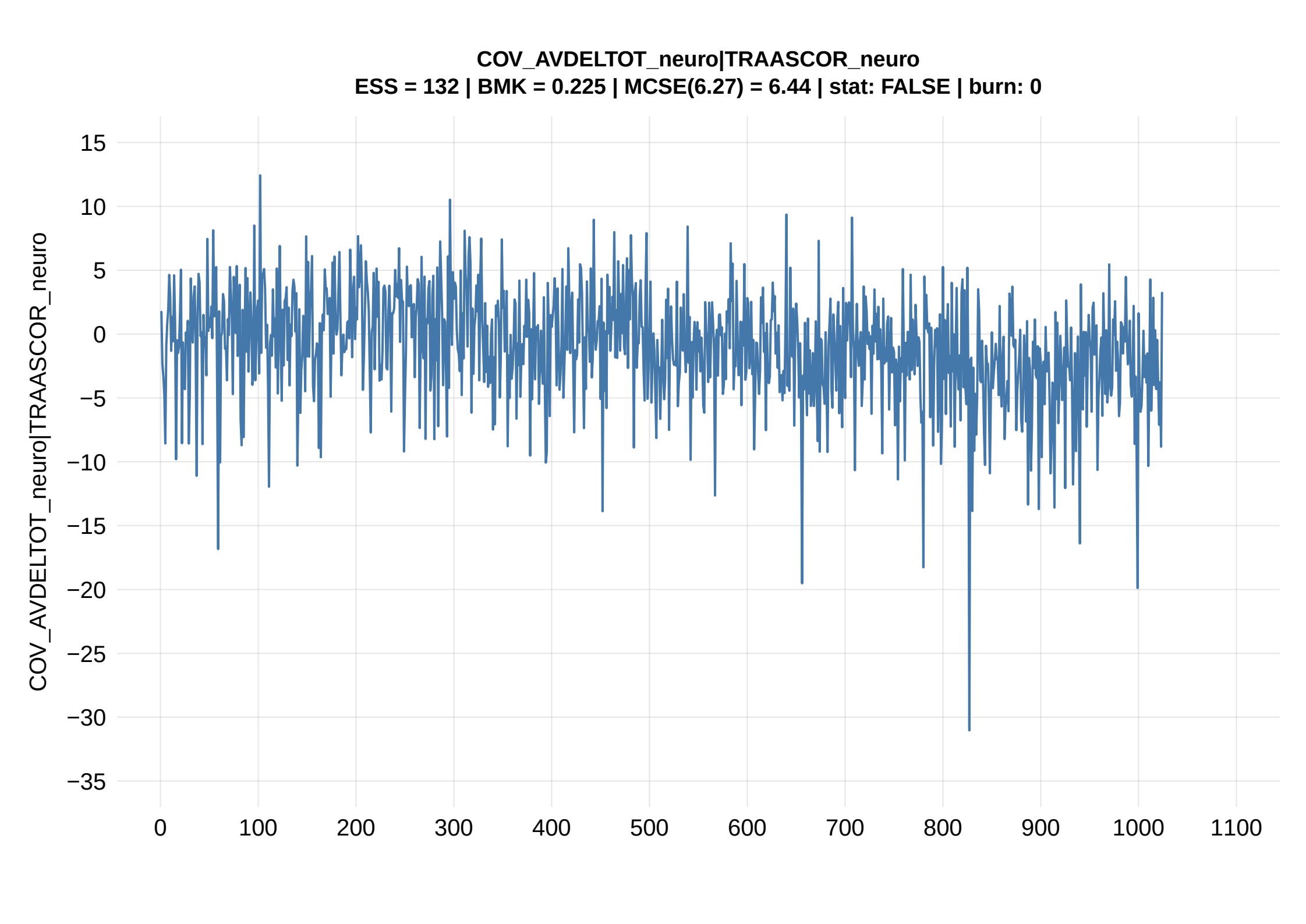

COV_AVDEL30MIN_neuro|TRABSCOR_neuro
ESS = 1020 | BMK = 0.102 | MCSE(6.27) = 3.12 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro|TRABSCOR_neuro
30
20
10
0
−10
−20
−30
−40
−50
−60
−70
−80
0
100
200
300
400
500
600
700
800
900
1000
1100

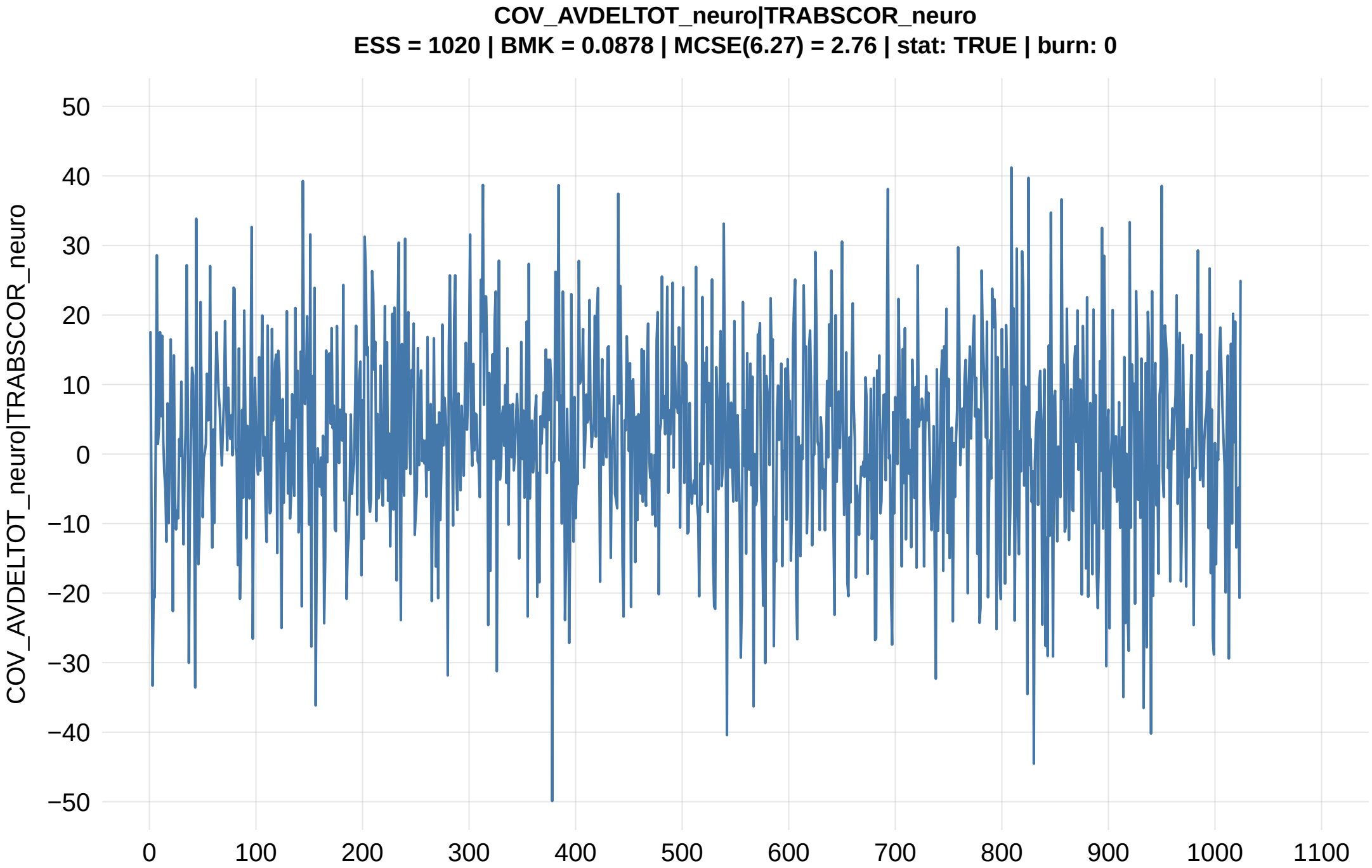

COV_AVDEL30MIN_neuro|CATANIMSC_neuro
ESS = 1020 | BMK = 0.0874 | MCSE(6.27) = 4.18 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro|CATANIMSC_neuro
9
8
7
6
5
4
3
2
1
0
−1
0
100
200
300
400
500
600
700
800
900
1000
1100

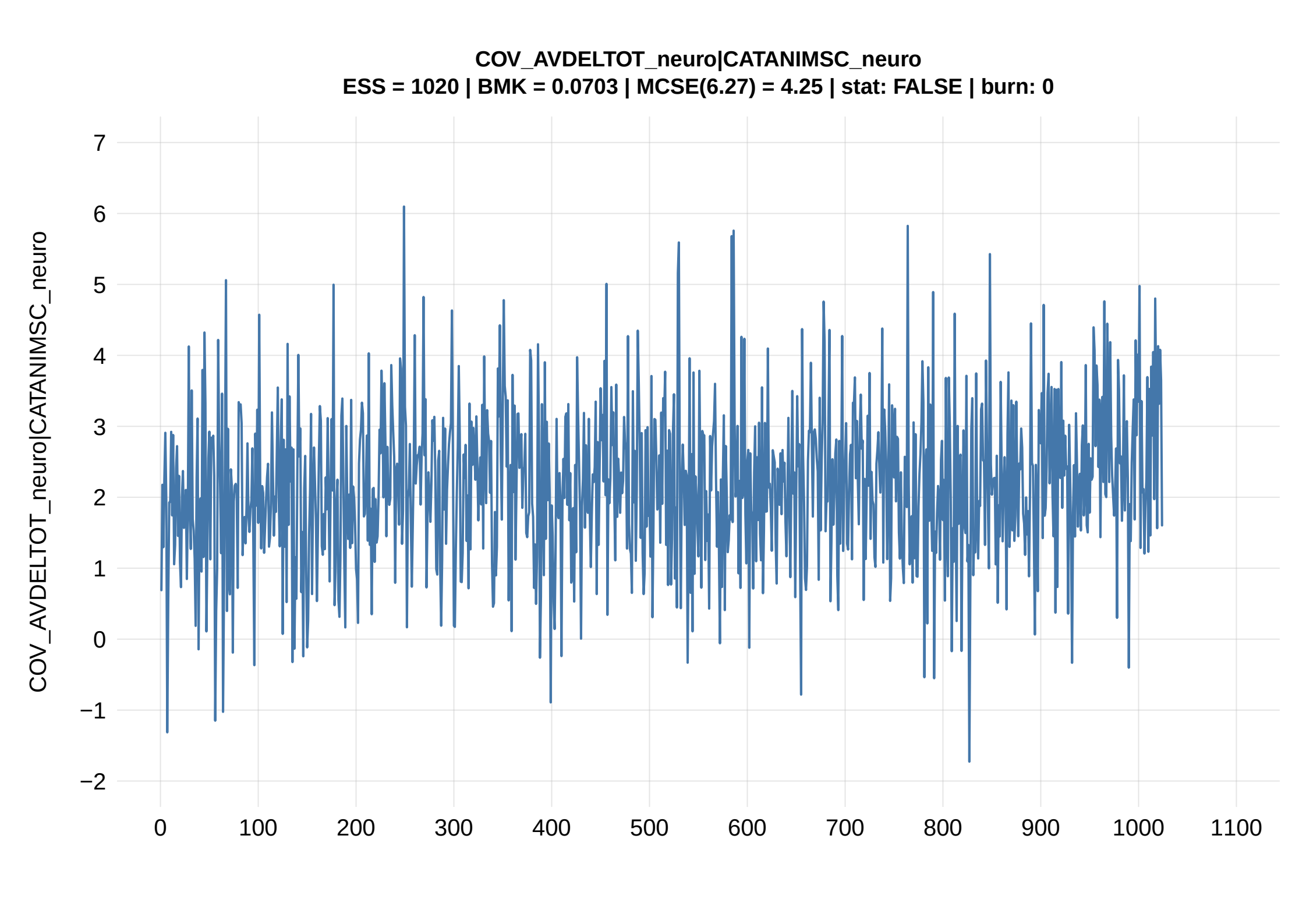

COV_AVDEL30MIN_neuro|Apoe4_
ESS = 674 | BMK = 0.0975 | MCSE(6.27) = 4.65 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro|Apoe4_
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
0
100
200
300
400
500
600
700
800
900
1000
1100

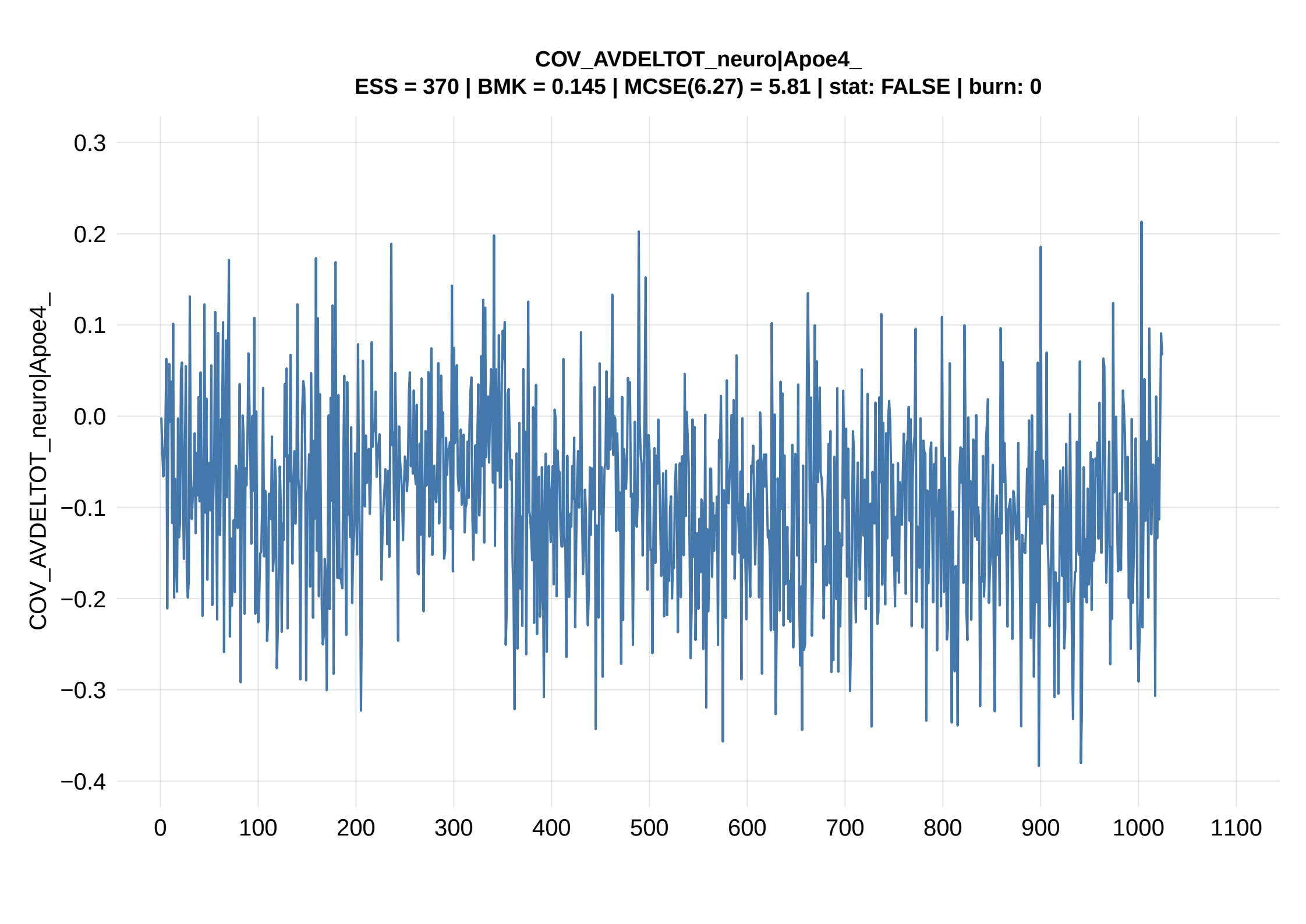

COV_AVDEL30MIN_neuro|GDTOTAL_gds
ESS = 776 | BMK = 0.0663 | MCSE(6.27) = 4.18 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro|GDTOTAL_gds
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
100
200
300
400
500
600
700
800
900
1000
1100

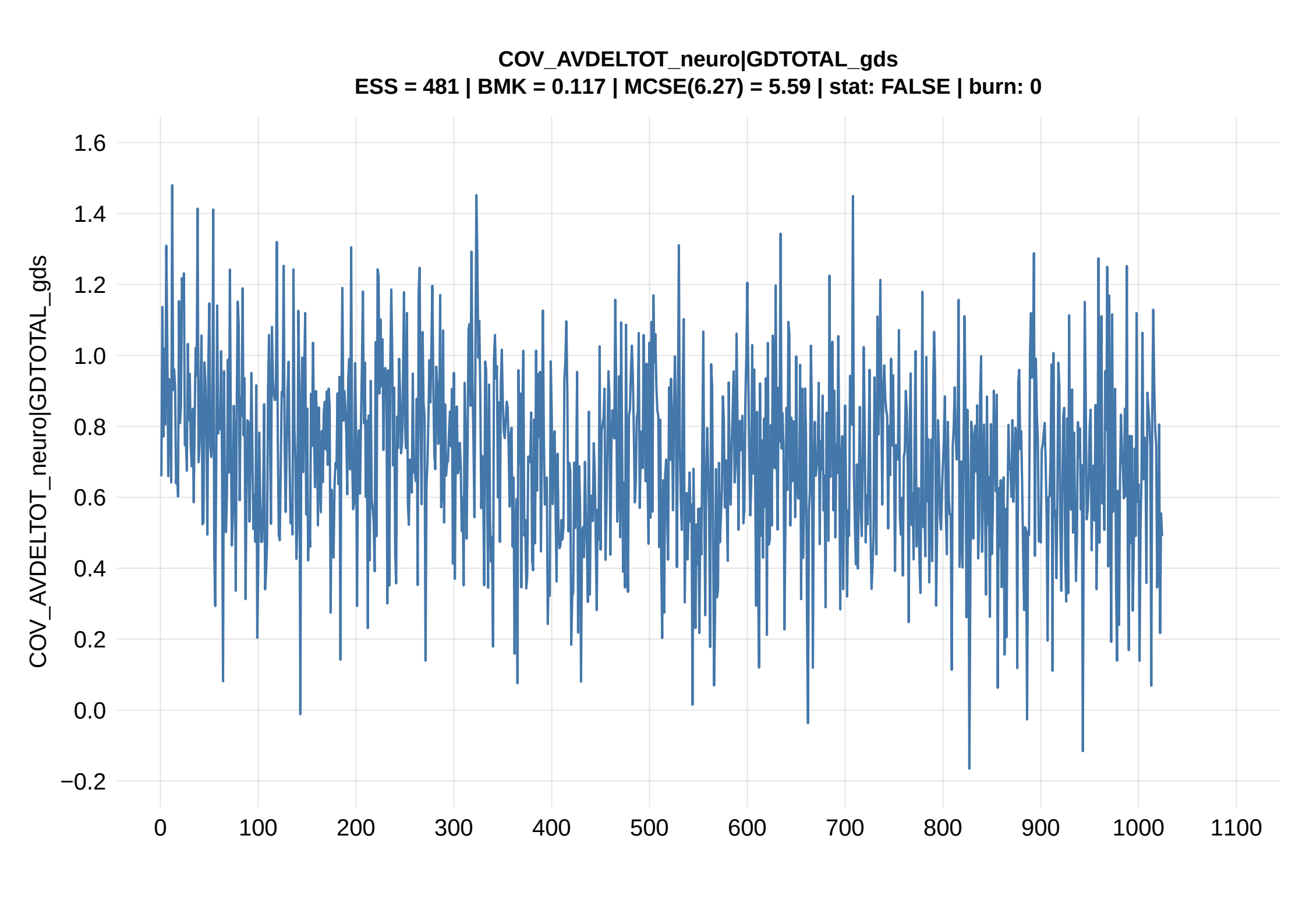

COV_AVDEL30MIN_neuro|ANARTERR_neuro
ESS = 202 | BMK = 0.175 | MCSE(6.27) = 5.61 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro|ANARTERR_neuro
8
6
4
2
0
−2
−4
−6
−8
−10
0
100
200
300
400
500
600
700
800
900
1000
1100

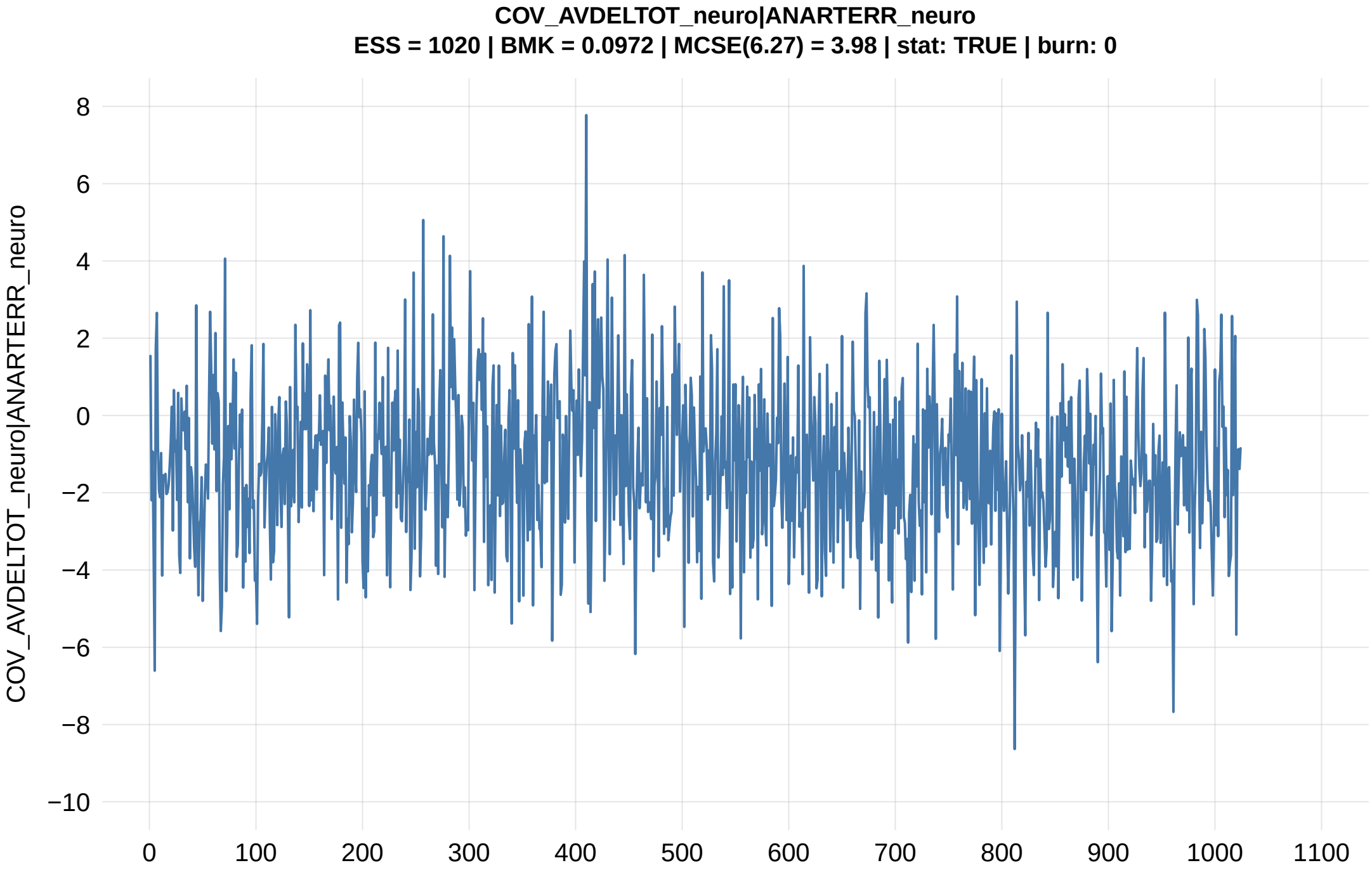

COV_AVDELTOT_neuro|TRAASCOR_neuro
ESS = 132 | BMK = 0.225 | MCSE(6.27) = 6.44 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro|TRAASCOR_neuro
15
10
5
0
−5
−10
−15
−20
−25
−30
−35
0
100
200
300
400
500
600
700
800
900
1000
1100

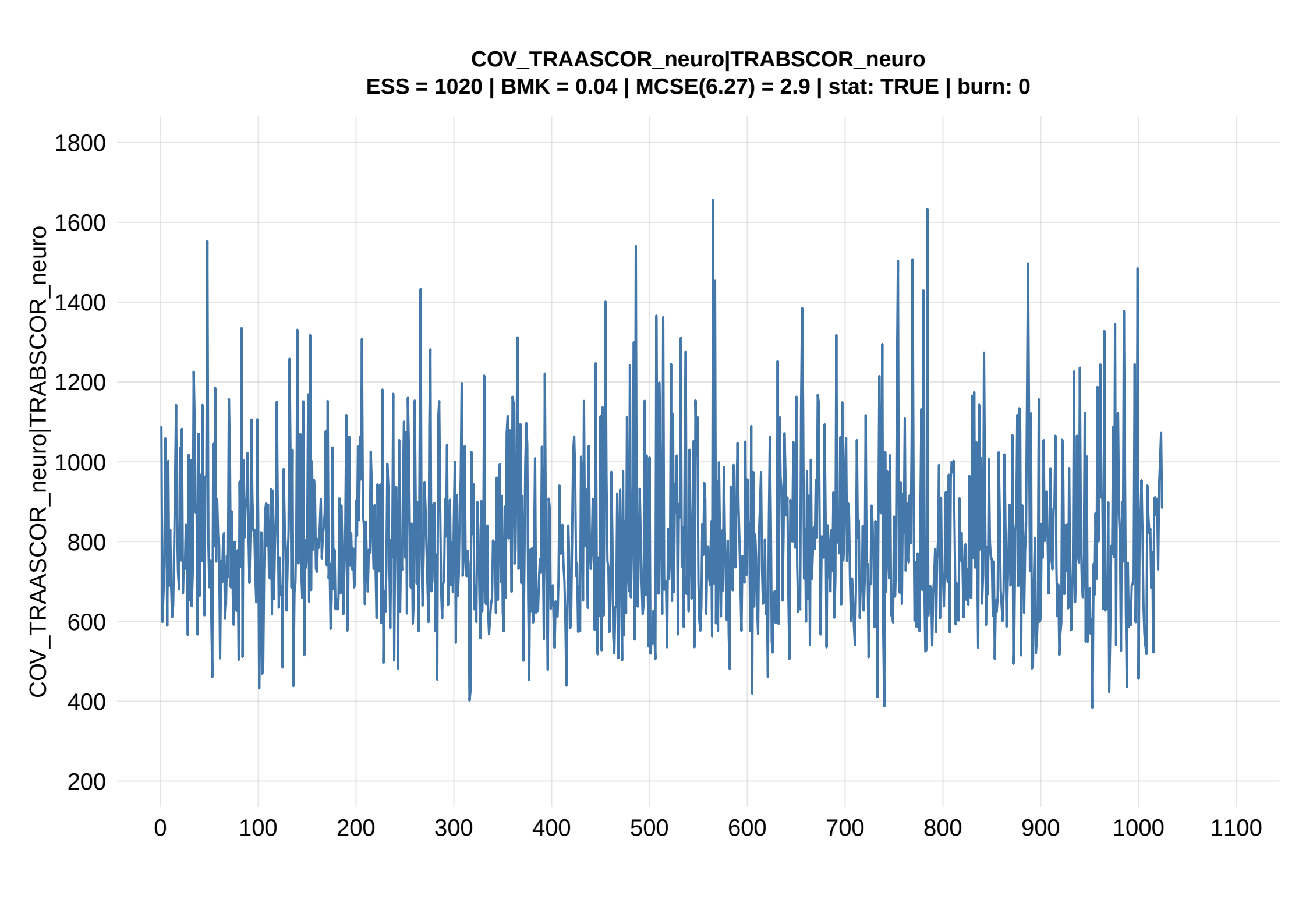

COV_AVDELTOT_neuro|TRABSCOR_neuro
ESS = 1020 | BMK = 0.0878 | MCSE(6.27) = 2.76 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro|TRABSCOR_neuro
50
40
30
20
10
0
−10
−20
−30
−40
−50
0
100
200
300
400
500
600
700
800
900
1000
1100

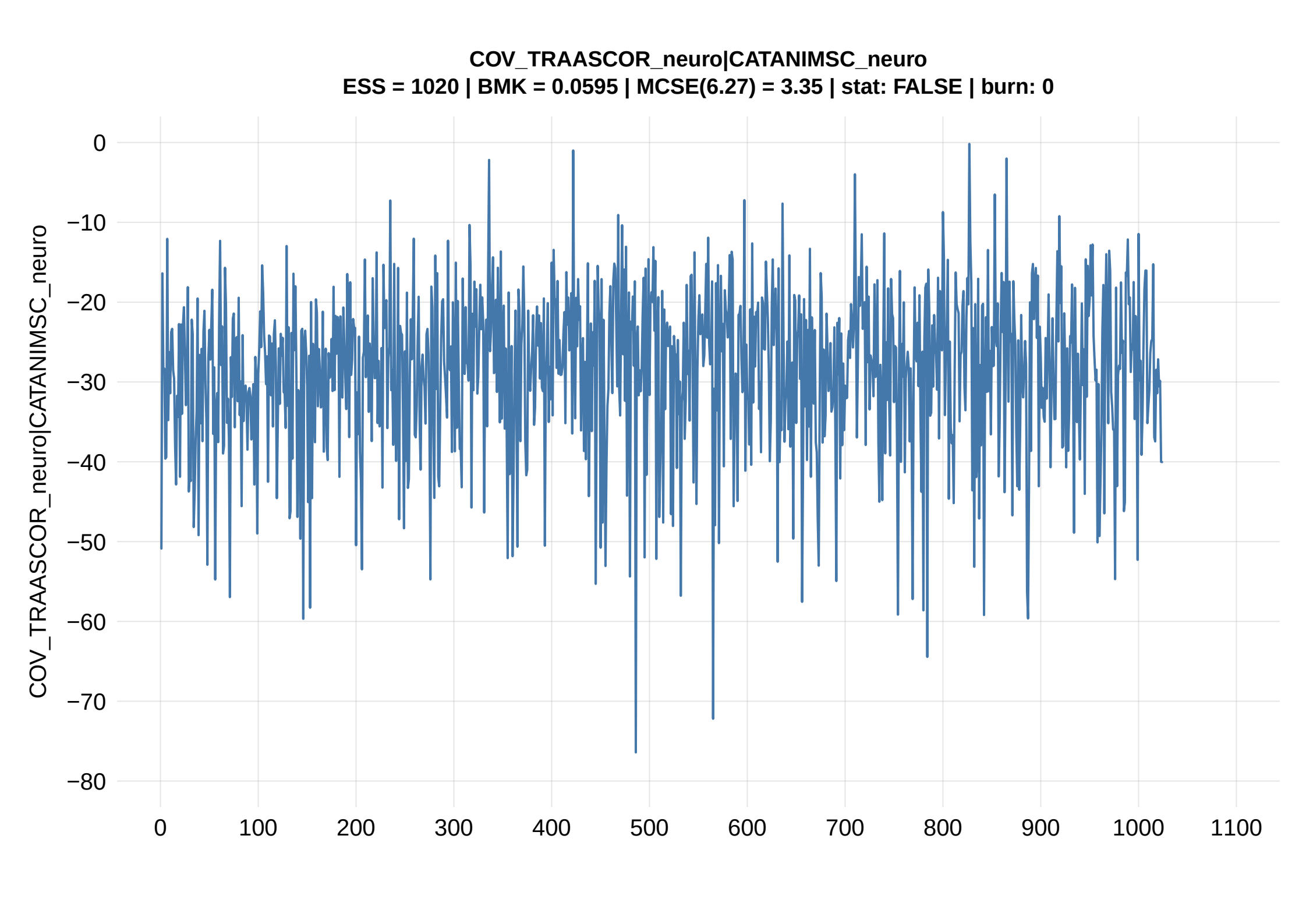

COV_AVDELTOT_neuro|CATANIMSC_neuro
ESS = 1020 | BMK = 0.0703 | MCSE(6.27) = 4.25 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro|CATANIMSC_neuro
7
6
5
4
3
2
1
0
−1
−2
0
100
200
300
400
500
600
700
800
900
1000
1100

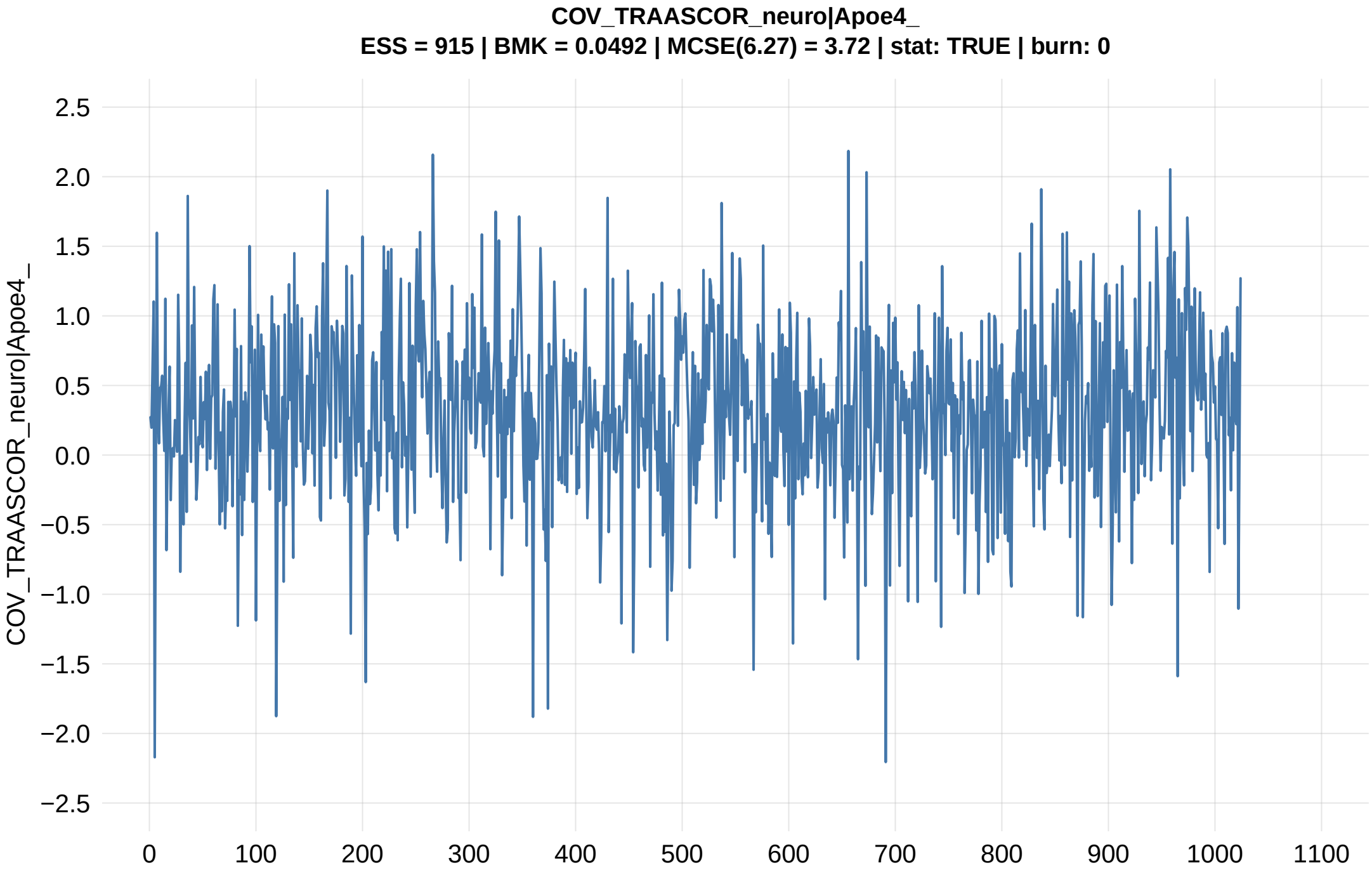

COV_AVDELTOT_neuro|Apoe4_
ESS = 370 | BMK = 0.145 | MCSE(6.27) = 5.81 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro|Apoe4_
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
100
200
300
400
500
600
700
800
900
1000
1100

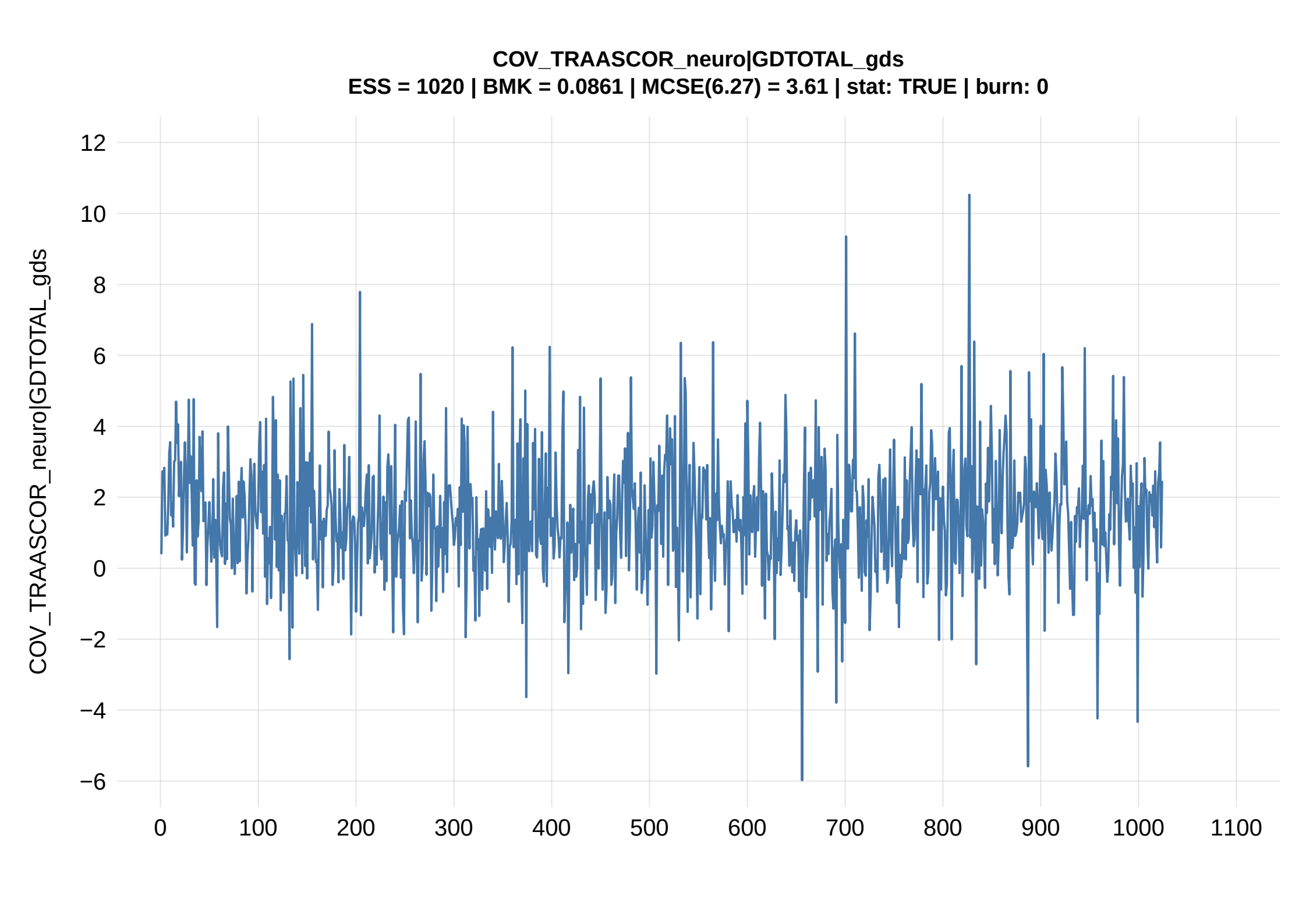

COV_AVDELTOT_neuro|GDTOTAL_gds
ESS = 481 | BMK = 0.117 | MCSE(6.27) = 5.59 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro|GDTOTAL_gds
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
100
200
300
400
500
600
700
800
900
1000
1100

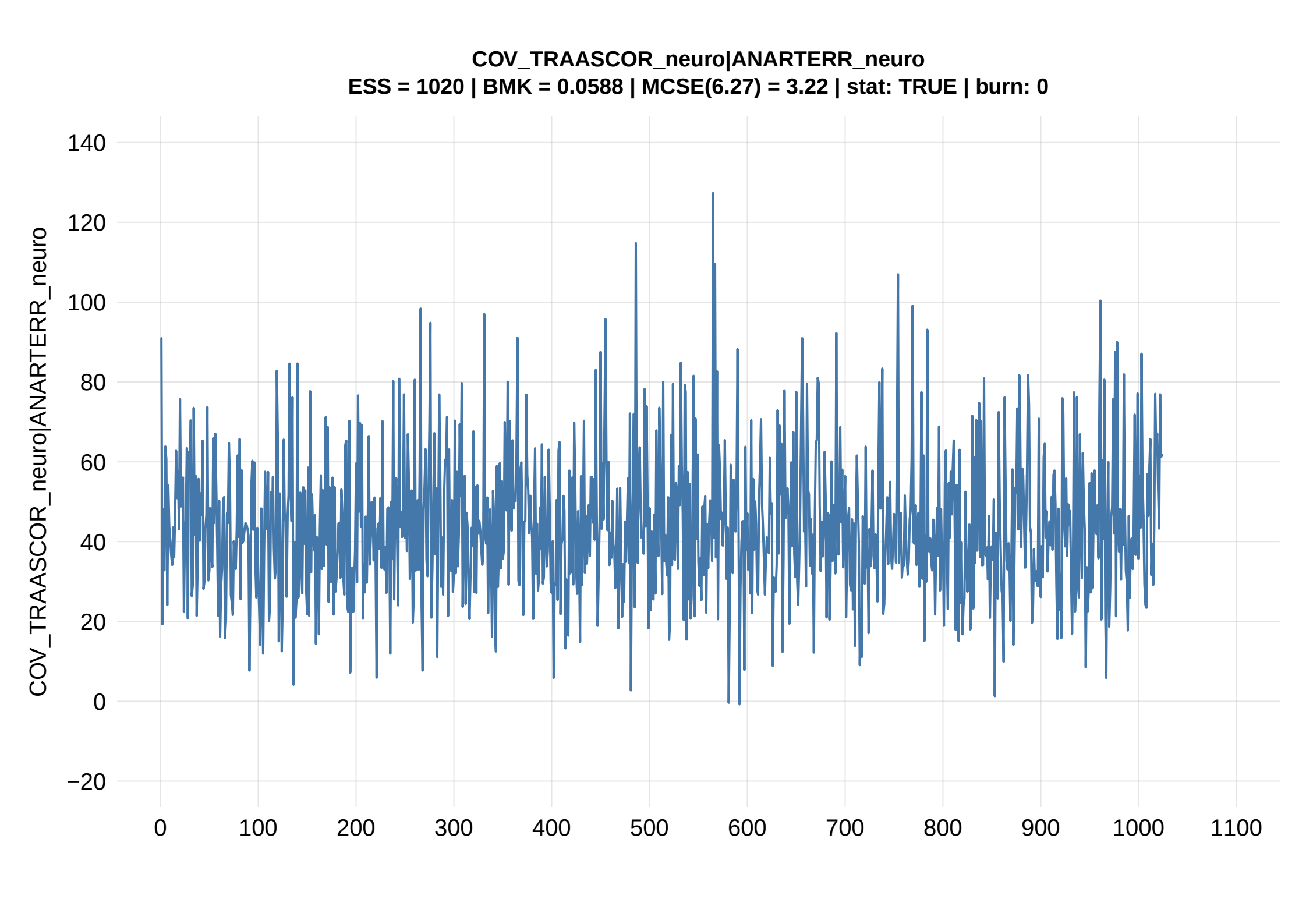

COV_AVDELTOT_neuro|ANARTERR_neuro
ESS = 1020 | BMK = 0.0972 | MCSE(6.27) = 3.98 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro|ANARTERR_neuro
8
6
4
2
0
−2
−4
−6
−8
−10
0
100
200
300
400
500
600
700
800
900
1000
1100

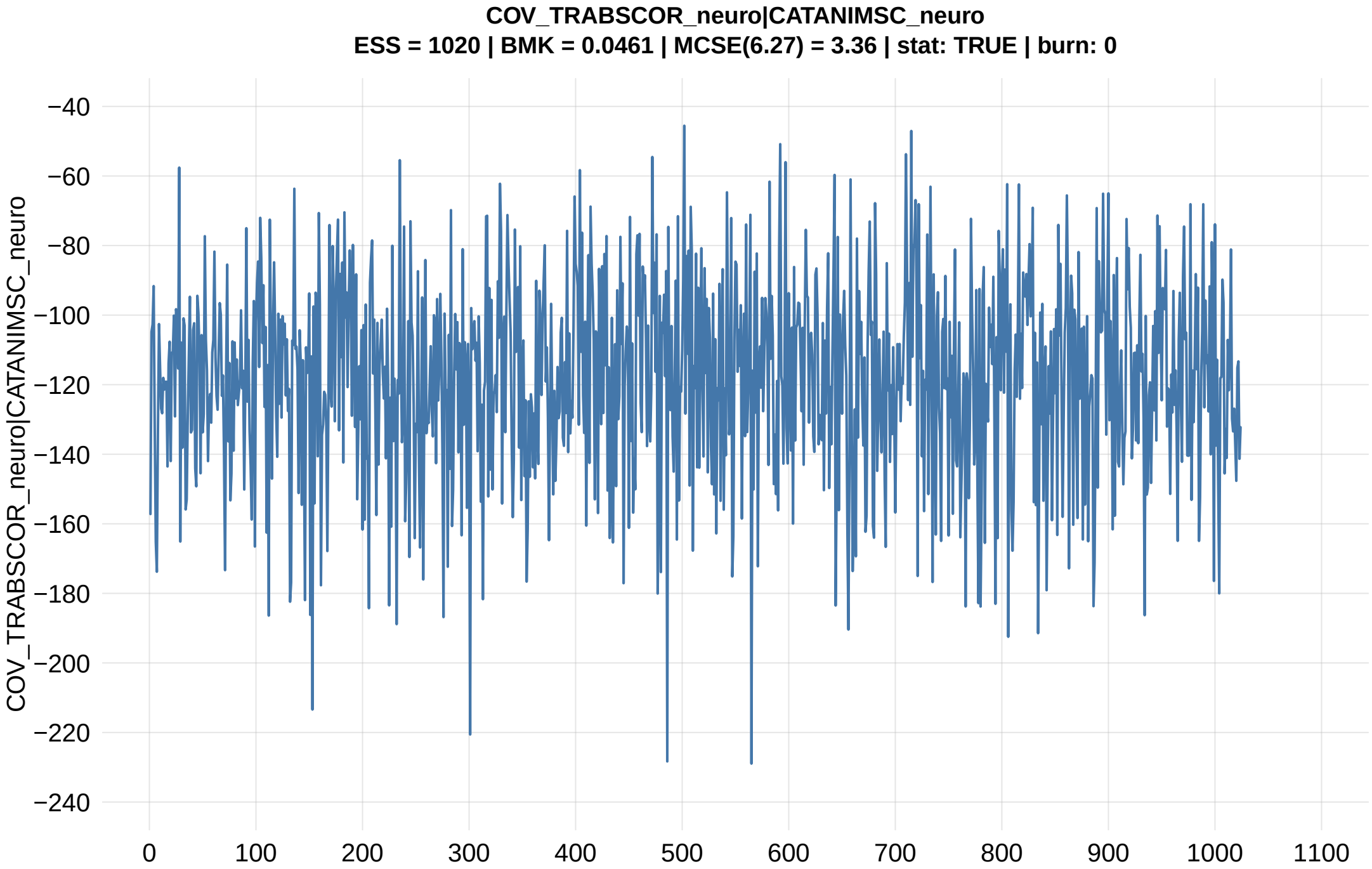

COV_TRAASCOR_neuro|TRABSCOR_neuro
ESS = 1020 | BMK = 0.04 | MCSE(6.27) = 2.9 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|TRABSCOR_neuro
1800
1600
1400
1200
1000
800
600
400
200
0
100
200
300
400
500
600
700
800
900
1000
1100

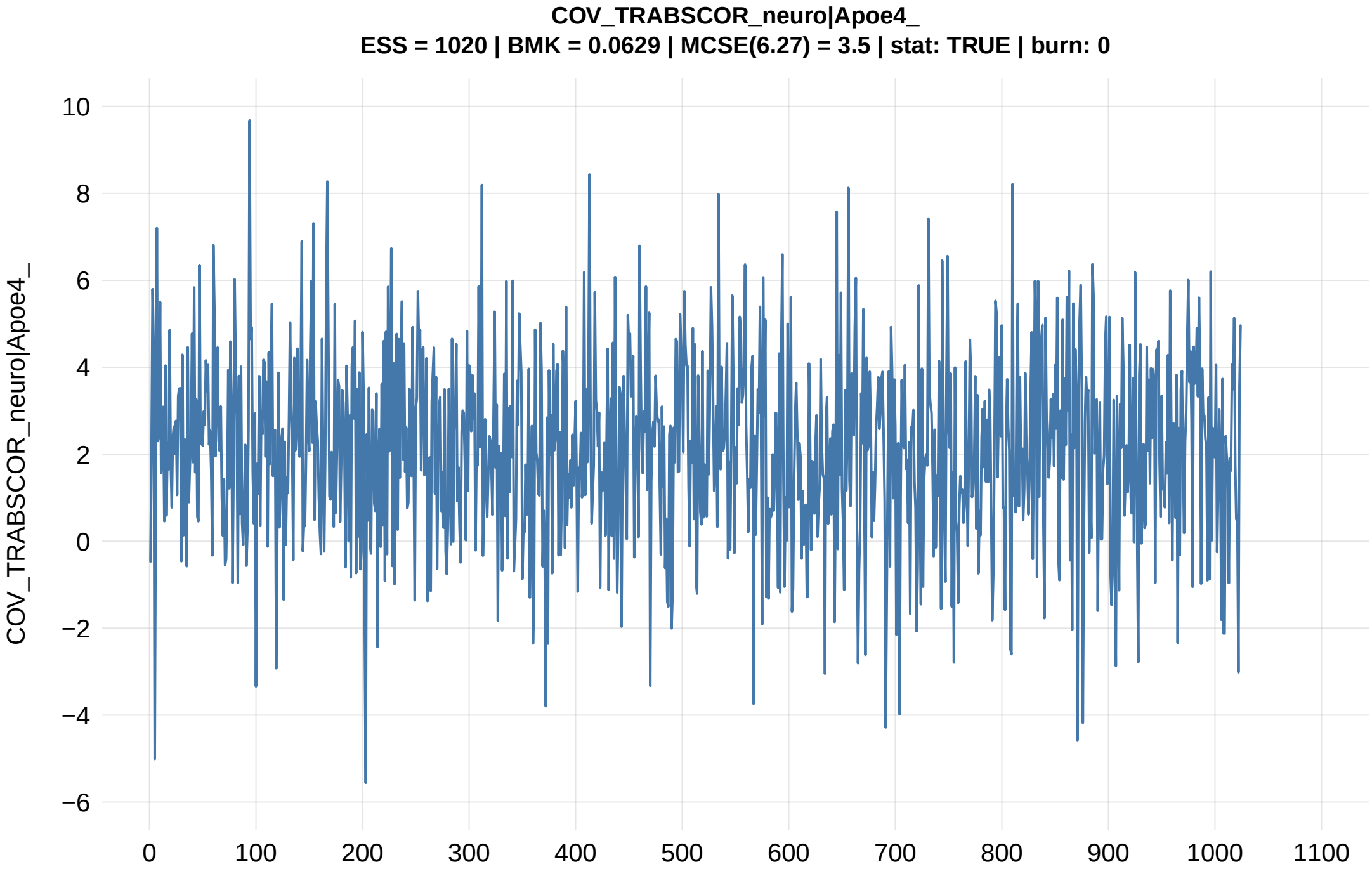

COV_TRAASCOR_neuro|CATANIMSC_neuro
ESS = 1020 | BMK = 0.0595 | MCSE(6.27) = 3.35 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro|CATANIMSC_neuro
0
−10
−20
−30
−40
−50
−60
−70
−80
0
100
200
300
400
500
600
700
800
900
1000
1100

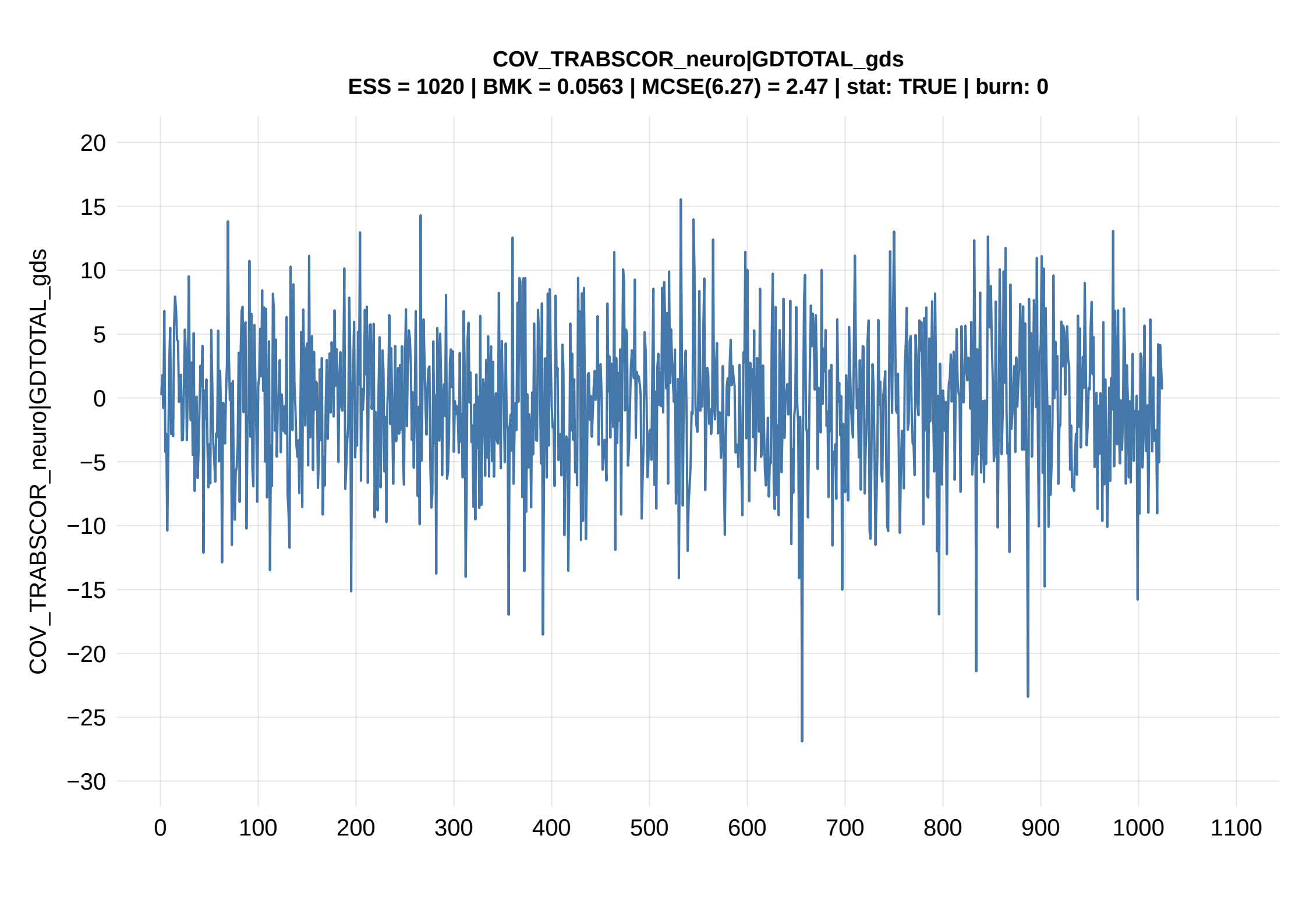

COV_TRAASCOR_neuro|Apoe4_
ESS = 915 | BMK = 0.0492 | MCSE(6.27) = 3.72 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|Apoe4_
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
0
100
200
300
400
500
600
700
800
900
1000
1100

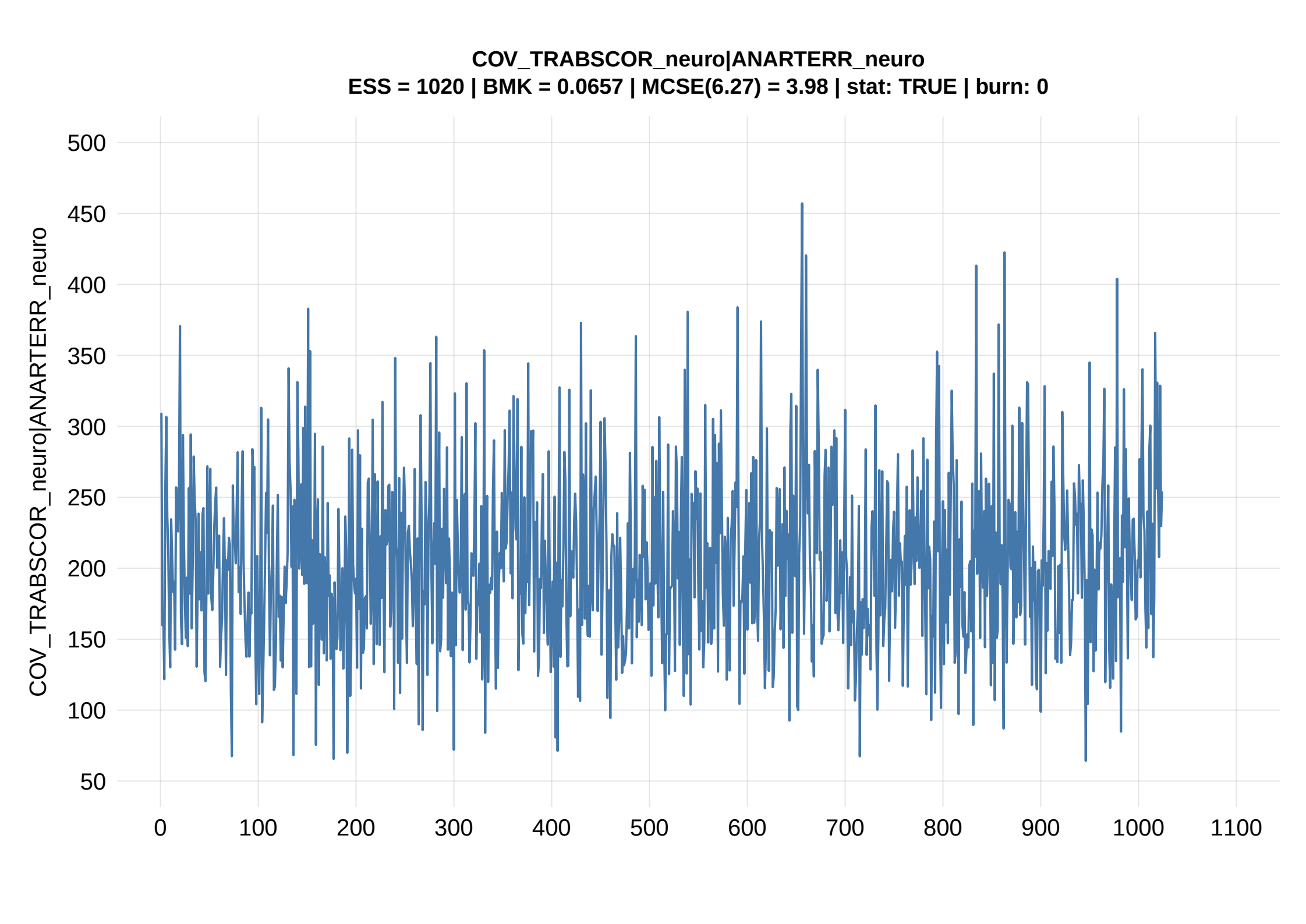

COV_TRAASCOR_neuro|GDTOTAL_gds
ESS = 1020 | BMK = 0.0861 | MCSE(6.27) = 3.61 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|GDTOTAL_gds
12
10
8
6
4
2
0
−2
−4
−6
0
100
200
300
400
500
600
700
800
900
1000
1100

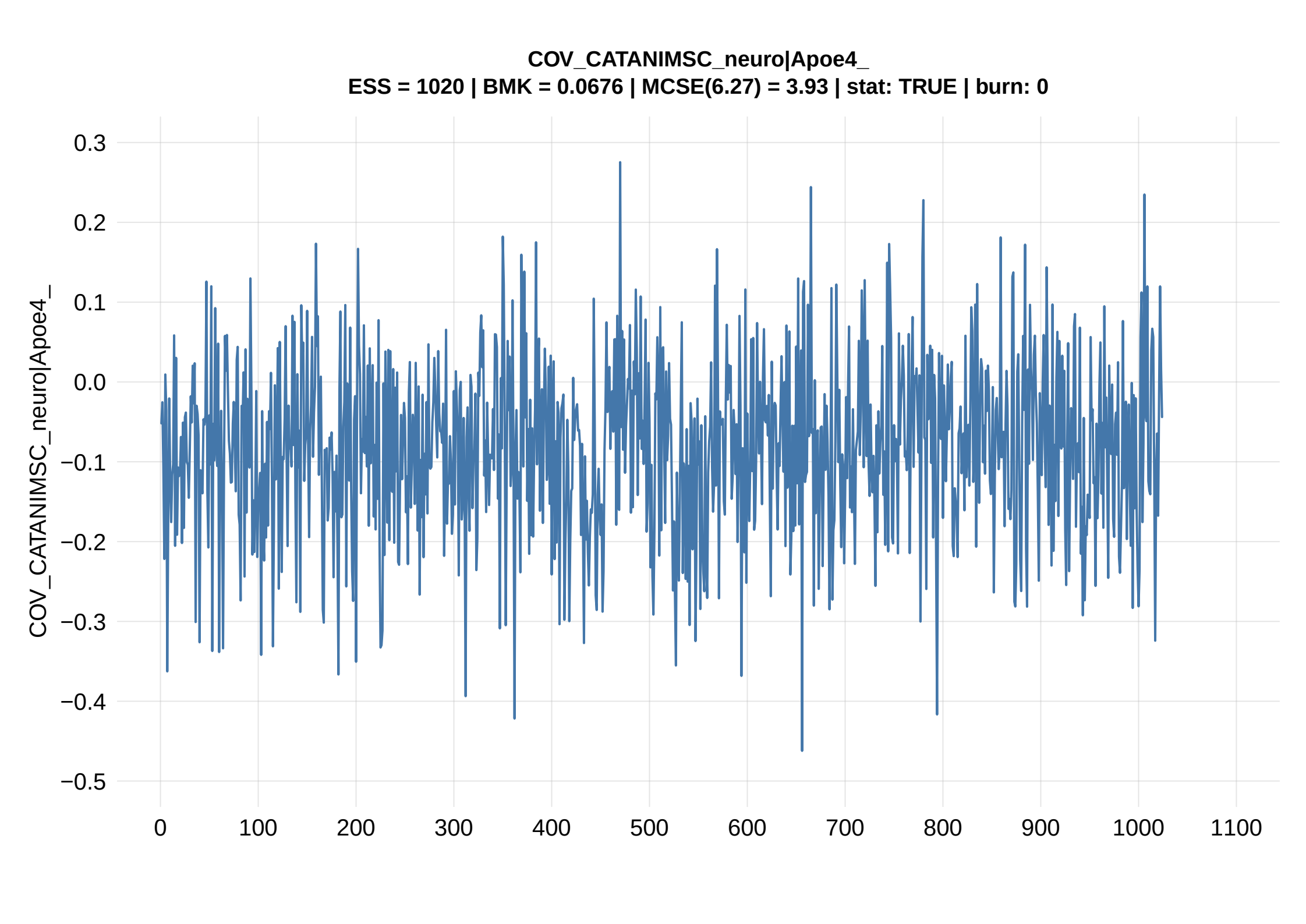

COV_TRAASCOR_neuro|ANARTERR_neuro
ESS = 1020 | BMK = 0.0588 | MCSE(6.27) = 3.22 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|ANARTERR_neuro
140
120
100
80
60
40
20
0
−20
0
100
200
300
400
500
600
700
800
900
1000
1100

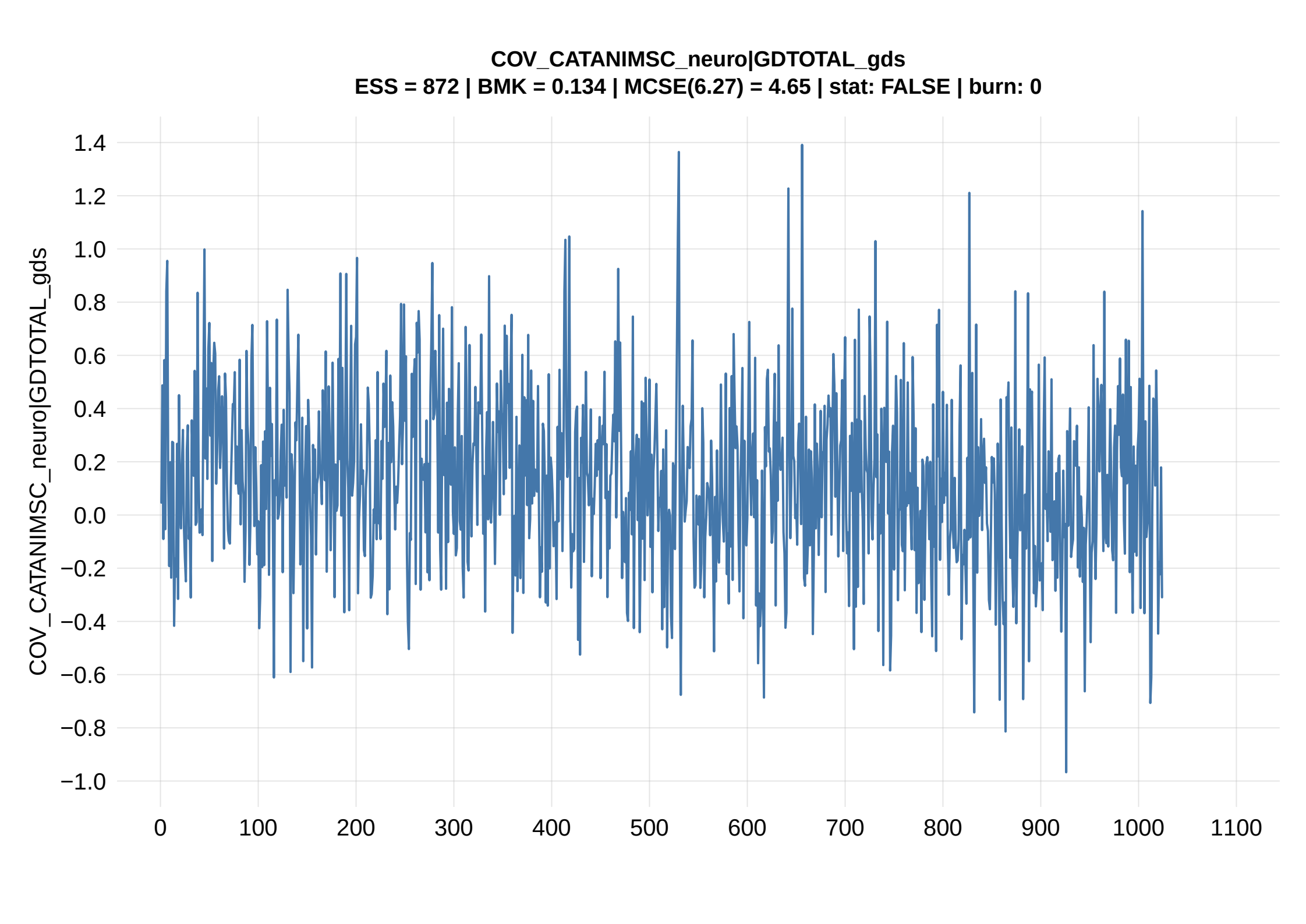

COV_TRABSCOR_neuro|CATANIMSC_neuro
ESS = 1020 | BMK = 0.0461 | MCSE(6.27) = 3.36 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|CATANIMSC_neuro
−40
−60
−80
−100
−120
−140
−160
−180
−200
−220
−240
0
100
200
300
400
500
600
700
800
900
1000
1100

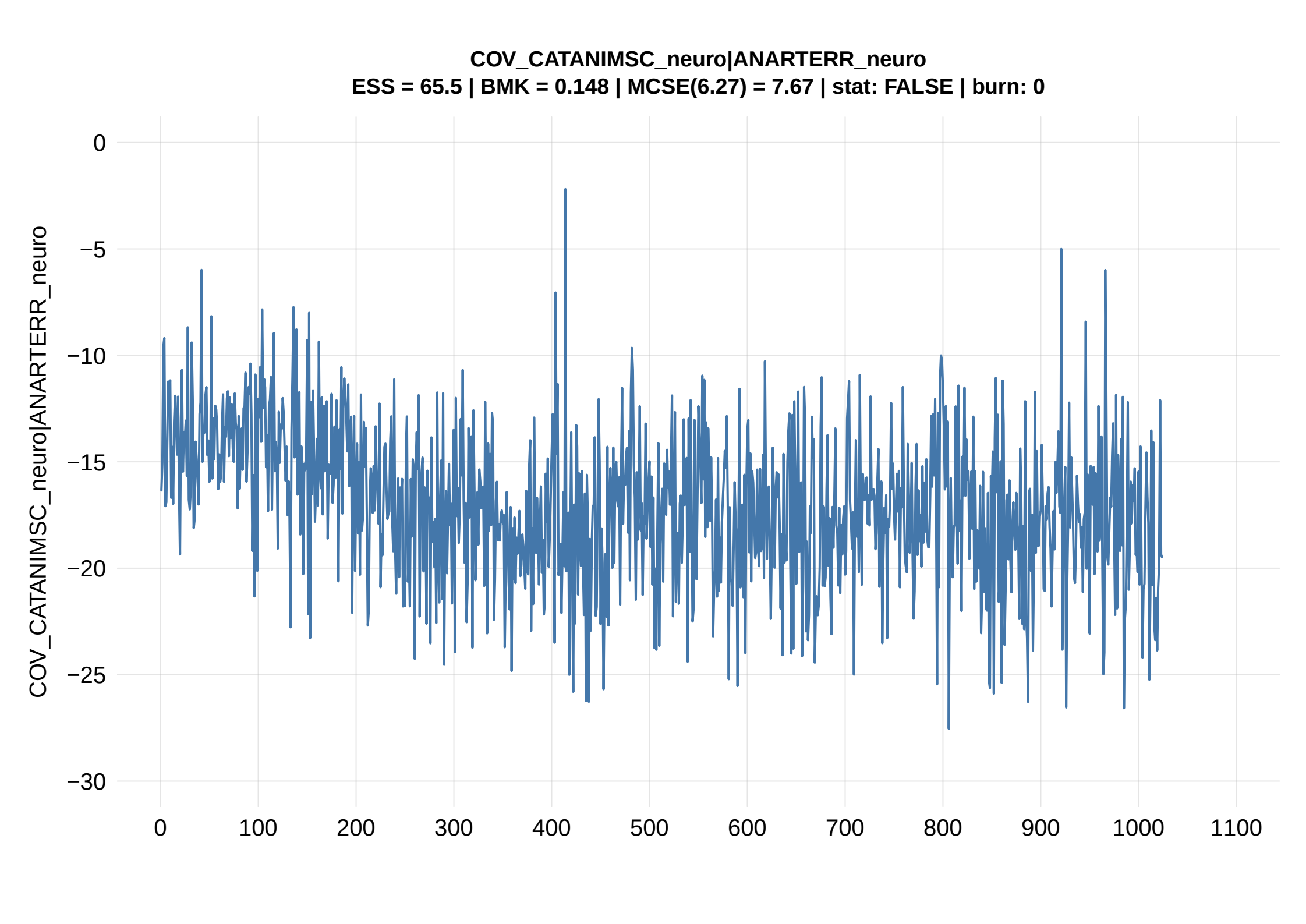

COV_TRABSCOR_neuro|Apoe4_
ESS = 1020 | BMK = 0.0629 | MCSE(6.27) = 3.5 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|Apoe4_
10
8
6
4
2
0
−2
−4
−6
0
100
200
300
400
500
600
700
800
900
1000
1100

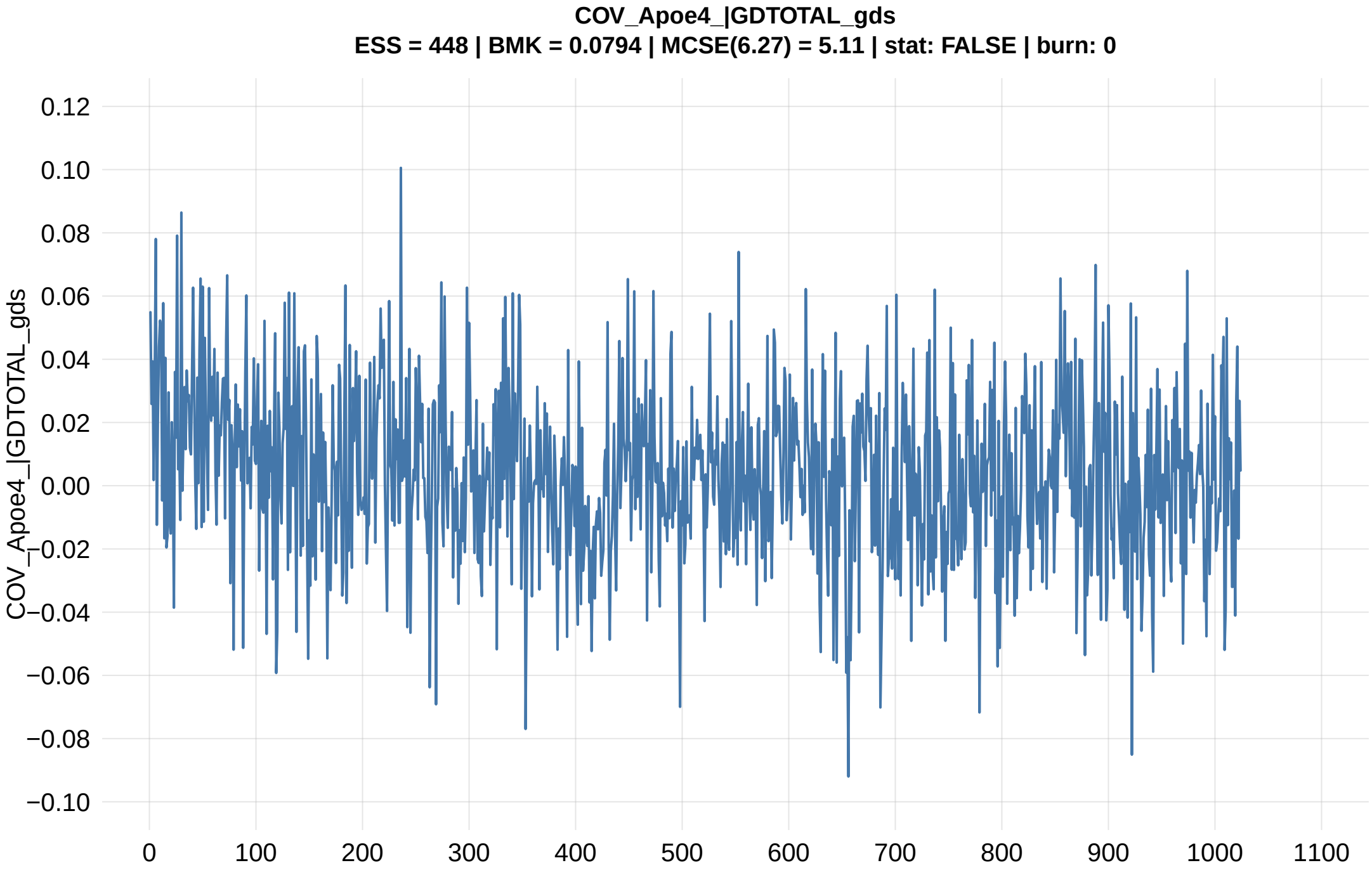

COV_TRABSCOR_neuro|GDTOTAL_gds
ESS = 1020 | BMK = 0.0563 | MCSE(6.27) = 2.47 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|GDTOTAL_gds
20
15
10
5
0
−5
−10
−15
−20
−25
−30
0
100
200
300
400
500
600
700
800
900
1000
1100

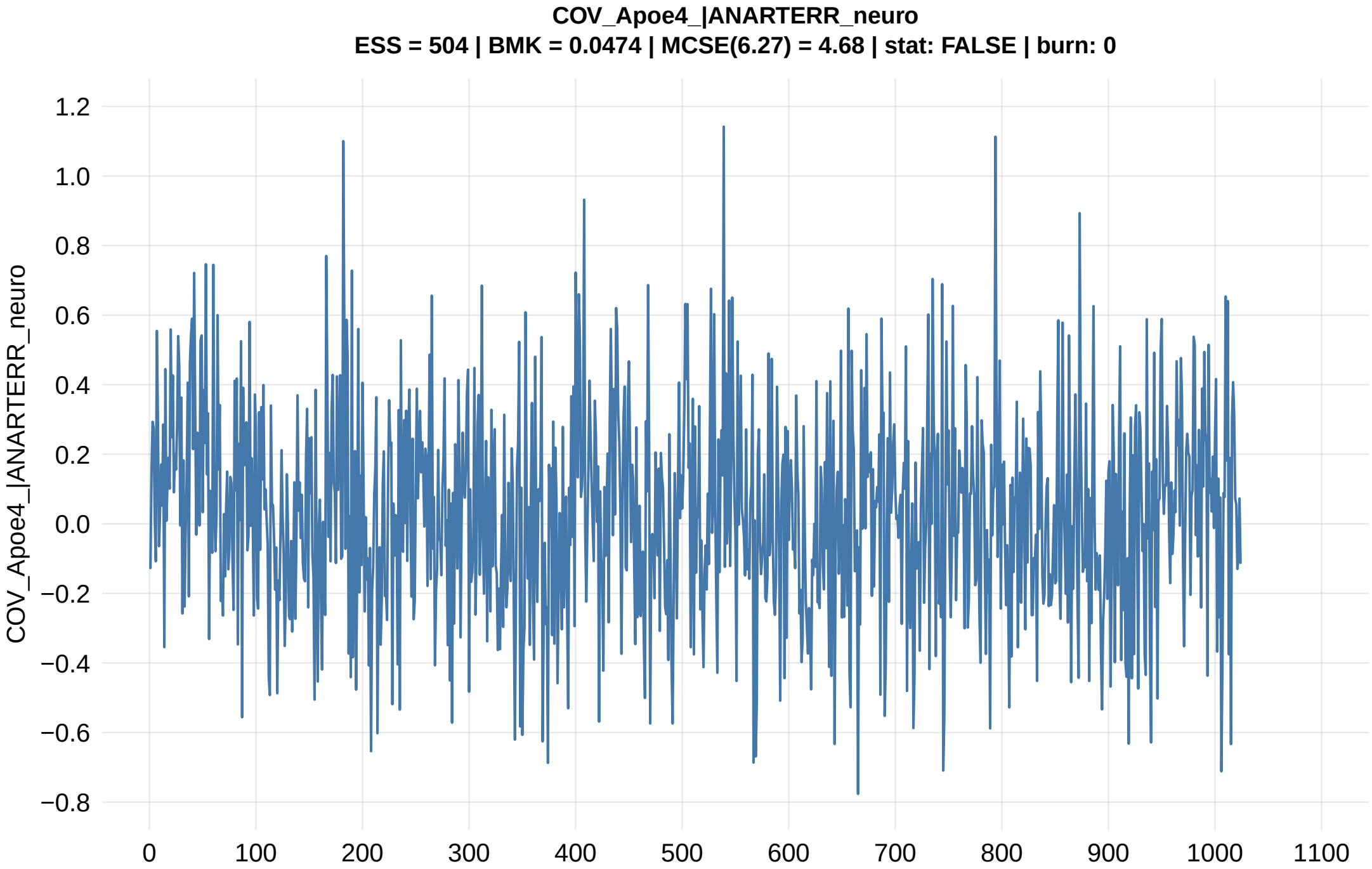

COV_TRABSCOR_neuro|ANARTERR_neuro
ESS = 1020 | BMK = 0.0657 | MCSE(6.27) = 3.98 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|ANARTERR_neuro
500
450
400
350
300
250
200
150
100
50
0
100
200
300
400
500
600
700
800
900
1000
1100

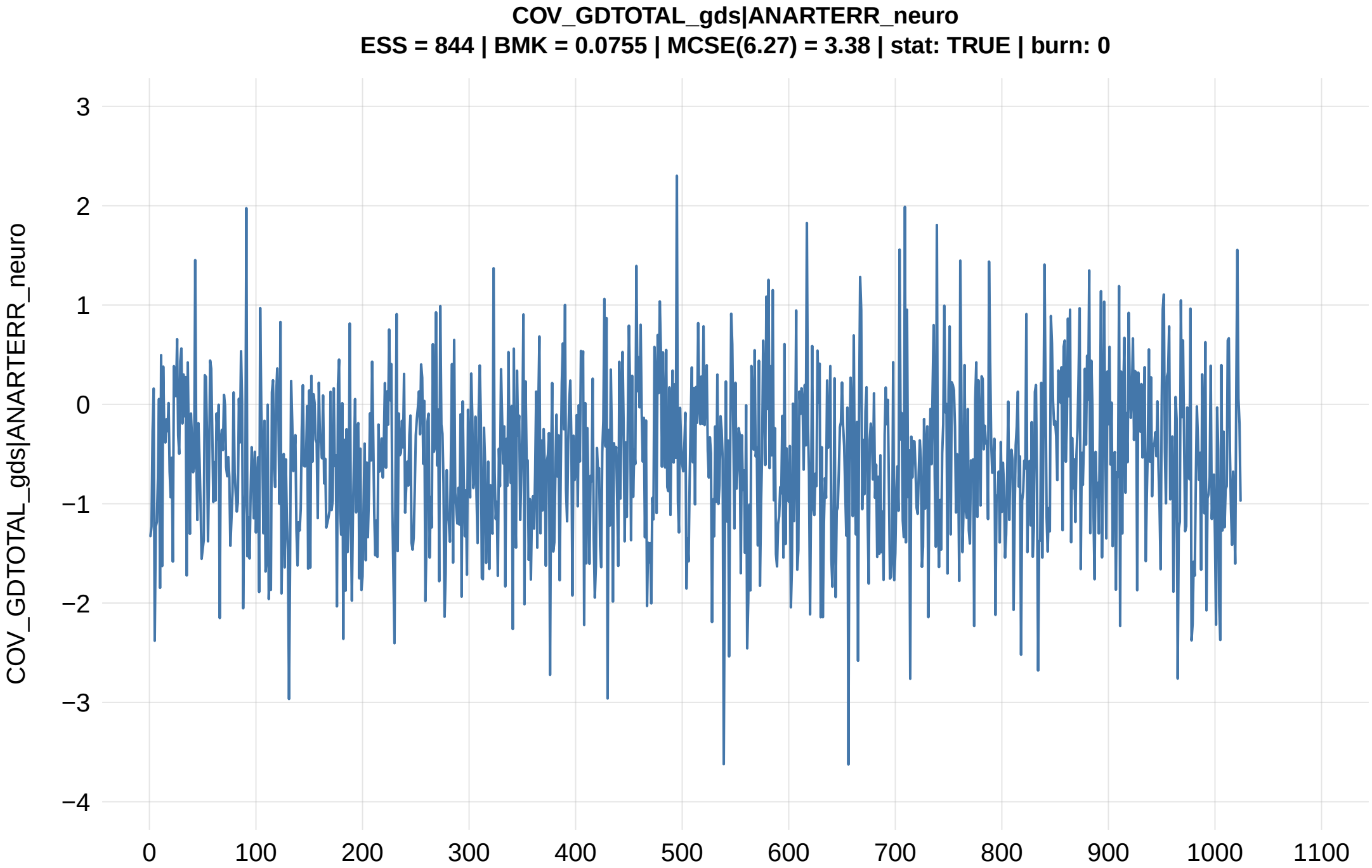

COV_CATANIMSC_neuro|Apoe4_
ESS = 1020 | BMK = 0.0676 | MCSE(6.27) = 3.93 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro|Apoe4_
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
0
100
200
300
400
500
600
700
800
900
1000
1100


COV_CATANIMSC_neuro|GDTOTAL_gds
ESS = 872 | BMK = 0.134 | MCSE(6.27) = 4.65 | stat: FALSE | burn: 0
COV_CATANIMSC_neuro|GDTOTAL_gds
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
0
100
200
300
400
500
600
700
800
900
1000
1100


COV_CATANIMSC_neuro|ANARTERR_neuro
ESS = 65.5 | BMK = 0.148 | MCSE(6.27) = 7.67 | stat: FALSE | burn: 0
COV_CATANIMSC_neuro|ANARTERR_neuro
0
−5
−10
−15
−20
−25
−30
0
100
200
300
400
500
600
700
800
900
1000
1100


COV_Apoe4_|GDTOTAL_gds
ESS = 448 | BMK = 0.0794 | MCSE(6.27) = 5.11 | stat: FALSE | burn: 0
COV_Apoe4_|GDTOTAL_gds
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
0
100
200
300
400
500
600
700
800
900
1000
1100


COV_Apoe4_|ANARTERR_neuro
ESS = 504 | BMK = 0.0474 | MCSE(6.27) = 4.68 | stat: FALSE | burn: 0
COV_Apoe4_|ANARTERR_neuro
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
100
200
300
400
500
600
700
800
900
1000
1100


COV_GDTOTAL_gds|ANARTERR_neuro
ESS = 844 | BMK = 0.0755 | MCSE(6.27) = 3.38 | stat: TRUE | burn: 0
COV_GDTOTAL_gds|ANARTERR_neuro
3
2
1
0
−1
−2
−3
−4
0
100
200
300
400
500
600
700
800
900
1000
1100