Sample statistics edges\_layer.1 edges\_layer.1 30 0.04 20 10 0.02 0 -20 0.00 0 500000 1000000 1500000 2000000 2500000 -20 20 edges layer.2 edges\_layer.2 0.000 0.010 0.020 0.030 20 0 -20 -40 0 500000 1000000 1500000 2000000 2500000 -60 -40 -20 20 40 mutual.same.layer.mem.1 mutual.same.layer.mem.1 0.15 2 0.10 0 0.05 -5 0.00 500000 1000000 0 1500000 2000000 2500000 -5 10 mutual.same.layer.mem.2 mutual.same.layer.mem.2 0.04 0.06 10 0 0.02 -10 0.00 -20 0 500000 1000000 1500000 -20 2000000 2500000 -10 10 20 gwideg0.69.layer.mem1 gwideg0.69.layer.mem1 0.000.050.100.150.20 4  $^{\circ}$ 0 4 500000 0 1000000 1500000 2000000 2500000 -5 5 gwideg0.69.layer.mem2 gwideg0.69.layer.mem2 0.4  $\alpha$ 0.3 0 0.2 ī 0.1 7 0.0 က 0 500000 1000000 1500000 2000000 2500000 -2 0 2

Sample statistics gwodeg0.69.layer.mem1 gwodeg0.69.layer.mem1 0.30 9 0.20  $\alpha$ 0.10 7 0.00 4 500000 0 1000000 1500000 2000000 2500000 -2 0 2 6 -4 gwodeg0.69.layer.mem2 gwodeg0.69.layer.mem2 0.10.2 9 4 -0.1  $^{\circ}$ -0.3 0 0 500000 1000000 1500000 2000000 2500000 -0.2 -0.40.0 0.2 gwesp.layer.1.fixed.0.69 gwesp.layer.1.fixed.0.69 0.010 0.020 0.030 4 20 0 -20 0.000 40 0 500000 1000000 1500000 2000000 2500000 -40 -20 0 20 40 gwesp.layer.2.fixed.0.69 gwesp.layer.2.fixed.0.69 0.015 50 0.000 0.005 0.010 0 -50 -100 0 500000 1000000 1500000 2000000 2500000 -100 -50 50 100 duplexdyad.e duplexdyad.e 0.00 0.02 0.04 0.06 0.08 10 0 -10 -10 0 500000 1000000 1500000 2500000 2000000 10 20 duplexdyad.f duplexdyad.f 90.0 20 10 0.04 0 0.02 -10 0.00 -20

0

500000

1000000

1500000

2000000

2500000

-20

-10

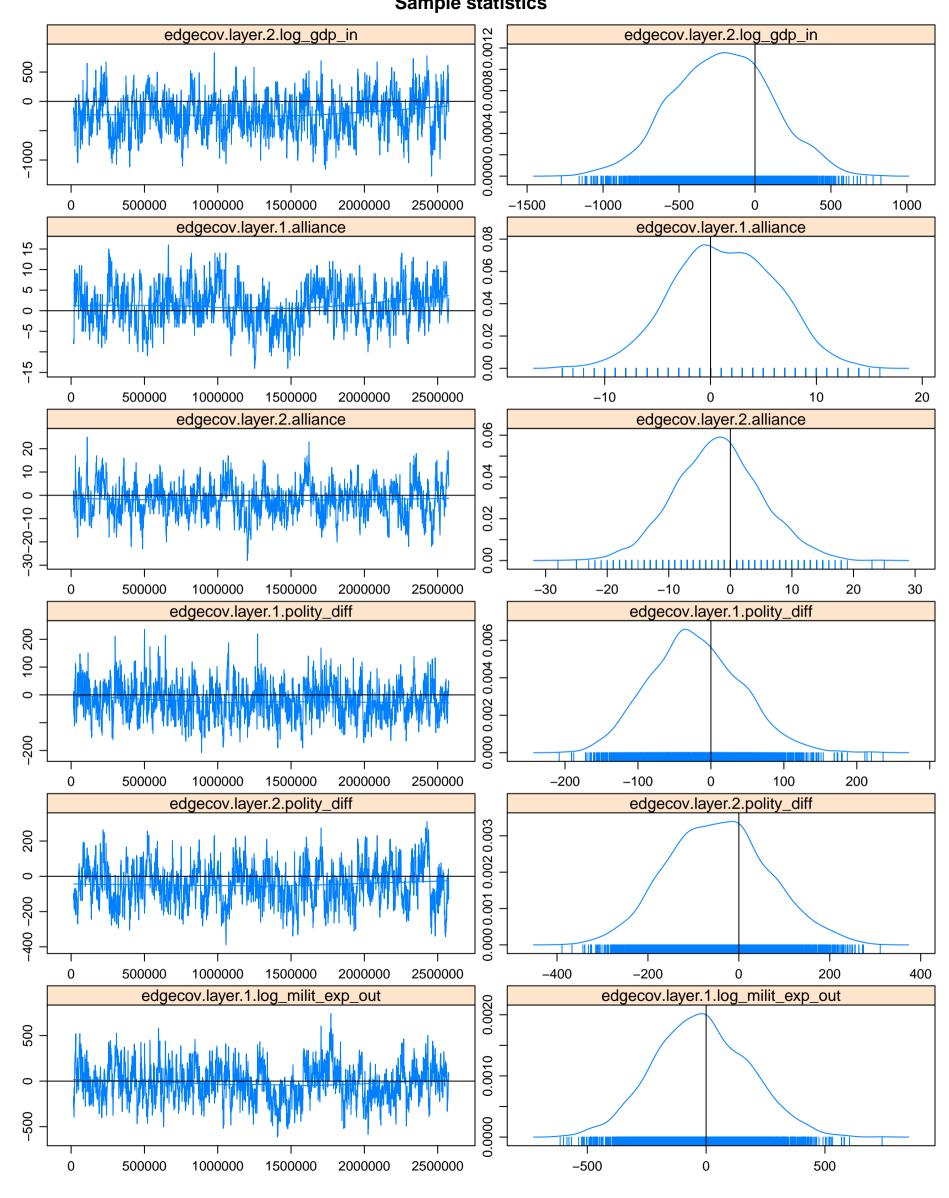
0

10

20

Sample statistics duplexdyad.h duplexdyad.h 0.000.020.040.060.08 -10 -10 edgecov.layer.1.log\_cdist edgecov.layer.1.log cdist 0.010 0.020 -40-20 0.000 -20 -60 -40 edgecov.layer.2.log\_cdist edgecov.layer.2.log\_cdist 0.0000.0050.0100.015 -50 -50 -100 edgecov.layer.1.log\_gdp\_out edgecov.layer.1.log\_gdp\_out 0.0010 -500 0.000.0 -500 edgecov.layer.2.log\_gdp\_out edgecov.layer.2.log\_gdp\_out 0.0000 0.0005 0.0010 -1000 -1500 -1000 -500 edgecov.layer.1.log\_gdp\_in edgecov.layer.1.log\_gdp\_in 0.0010 -500 0.000.0 -500 

Sample statistics



## Sample statistics

