QS Test H0 rejected (freq) on each edge mean p value of each pair 0 **-**S8 S8 **-**0 <u>0</u>\S7 S7 -0 S6-H0 **-**S6 O retain 0 X reject H0 rejected (freq) S5 -0 0 **S**5 sedneuce p-value 0.75 1.00 0.50 0.75 S4 **-**0 0 0 0 0 0 0 S4 0.25 0.50 0.00 0 0.25 S3 -0.00 0 **-**S3 0 S2 -0 0 **-**S2 0 S1 -0 **S**1 distribution of test statistics (S1; S2) (S1; S3) (S1; S4) (S1; S5) (S1; S6) (S1; S7) 0.5 -0.4 -0.3 -0.2 -0.1 -0.0 -(S1; S8) (S2; S3) (S2; S4) (S2; S5) (S2; S6) (S2; S7) 0.5 -0.4 -0.3 -0.2 -0.1 -0.0 -(S2; S8) (S3; S4) (S3; S5) (S3; S6) (S3; S7) (S3; S8) 0.5 density 0.4 -0.3 -0.2 -0.1 -0.0 -(S4; S5) (S4; S6) (S4; S7) (S4; S8) (S5; S6) (S5; S7) 0.5 -0.4 -0.3 -0.2 -0.1 -0.0 -0.0 0.0 -2.5 2.5 -2.5 2.5 (S5; S8) (S6; S7) (S6; S8) (S7; S8)

0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -

-2.5

0.0

2.5

-2.5

0.0

2.5

-2.5

0.0

2.5

QS_ts

-2.5

0.0

2.5