QS Test H0 rejected (freq) on each edge mean p value of each pair 0.29 S8 **--**S8 0.42 0.71 \$7 S7 -0.38 S6-H0 0.57 **S**6 O retain 0.42 X reject H0 rejected (freq) 0 S5 -0 0 0.43 **S**5 sedneuce p-value 0.75 1.00 0.50 0.75 S4 **-**0.14 **S**4 0.25 0.50 0.00 0.33 0.25 S3 -0.00 [0.43]**S**3 0.38 S2 -0.43 ·S2 0.33 S1 **-**0.43 S1 distribution of test statistics (S1; S2) (S1; S3) (S1; S4) (S1; S5) (S1; S7) (S1; S6) 0.4 -0.3 -0.2 -0.1 -0.0 -(S2; S3) (S2; S4) (S2; S5) (S1; S8) (S2; S6) (S2; S7) 0.4 -0.3 -0.2 0.1 -0.0 (S2; S8) (S3; S4) (S3; S5) (S3; S6) (S3; S7) (S3; S8) 0.4 den sity 0.3 - 0.2 - 0.1 -0.0 -(S4; S5) (S4; S7) (S4; S8) (S5; S7) (S4; S6) (S5; S6) 0.4 -0.3 -0.2 -0.1 -0.0 --5 **-**5 0 0 -10 10 -10 (S5; S8) (S7; S8) (S6; S7) (S6; S8) 0.4 -

> 10 -10 QS_ts

0.3 -0.2 -0.1 -0.0 -

10 -10

10 -10