**Stuart Test** H0 rejected (freq) on each edge mean p value of each pair 0.86 **-**S8 S8 -1 S7 **-**0.86 57 0.5 H0 S6-0.29 **S**6 O retain 0.33 X reject H0 rejected (freq) 0 0 S5 -0.29 **S**5 sedneuce p-value 0.75 1.00 0.50 0.75 S4 **-**0 0 0 0 0.29 S4 0.25 0.50 0.00 0.33 0.25 S3 -0.00 [0.29]**S**3 0.5 S2 -0.29 **S**2 0.33 S1 -0.29 31 distribution of test statistics (S1; S2) (S1; S4) (S1; S3) (S1; S5) (S1; S6) (S1; S7) 0.03 -0.02 -0.01 0.00 (S1; S8) (S2; S3) (S2; S4) (S2; S5) (S2; S6) (S2; S7) 0.03 -0.02 -0.01 -0.00 (S2; S8) (S3; S4) (S3; S5) (S3; S6) (S3; S7) (S3; S8) 0.03 density 0.02 -0.00 -(S4; S5) (S4; S6) (S4; S7) (S4; S8) (S5; S6) (S5; S7) 0.03 -0.02 -0.01 -0.00 500 1000 1500 500 1000 1500 2000 0 200 (S5; S8) (S6; S7) (S6; S8) (S7; S8) 0.03 -0.02 -0.01 0.00 -500 1000 1500 2000 0 500 1000 1500 2000 0 500 1000 1500 2000 0 500 1000 1500 2000 Stuart\_ts