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South Fork Salmon: salm.recspn3_n, E = 4 South Fork Salmon: salm.recspn3_n, E = 4 Mean absolute error (mae) 0.85 Forecast skill (rho) 0.10 0.20 0.75 0.65 -0.052 6 8 10 12 2 4 6 8 10 12 Embedding dimension (E) Embedding dimension (E) South Fork Salmon: Time to prediction South Fork Salmon: Time to prediction 0.85 Mean absolute error (mae) Forecast skill (rho) 0.1 0.75 -0.1 -0.3 0.65 2 10 12 2 10 12 4 6 8 4 6 8 Time to prediction (Tp) Time to prediction (Tp) South Fork Salmon: salm.recspn3_n theta = 3 South Fork Salmon: salm.recspn3_n theta = 0.7 Mean absolute error (mae) 0.78 0.20 Forecast skill (rho) 0.74 0.16 0.70 99.0 0.12 2 0 6 2 4 8 0 4 6 8

theta ()

theta ()

South Fork Salmon: salm.recspn4_n, E = 5 South Fork Salmon: salm.recspn4_n, E = 5 Mean absolute error (mae) 0.75 0.40 Forecast skill (rho) 0.70 0.25 0.65 0.10 0.60 2 10 12 2 4 6 8 6 8 10 12 Embedding dimension (E) Embedding dimension (E) South Fork Salmon: Time to prediction South Fork Salmon: Time to prediction Mean absolute error (mae) Forecast skill (rho) 0.75 0.1 0.65 0.1 2 10 12 2 12 6 8 4 6 8 10 Time to prediction (Tp) Time to prediction (Tp) South Fork Salmon: salm.recspn4_n theta = 2 South Fork Salmon: salm.recspn4_n theta = 3 Mean absolute error (mae) 0.72 Forecast skill (rho) 0.68 0.44 0.64 0.40 0.60 0 2 6 2 4 8 0 4 6 8 theta () theta ()

South Fork Salmon: salm.recspn5_n, E = 4 South Fork Salmon: salm.recspn5_n, E = 1 Mean absolute error (mae) Forecast skill (rho) 0.80 0.05 0.75 0.70 -0.052 8 10 12 2 6 6 8 10 12 Embedding dimension (E) Embedding dimension (E) South Fork Salmon: Time to prediction South Fork Salmon: Time to prediction Mean absolute error (mae) 0.10 Forecast skill (rho) 0.00 0.85 -0.150.75 2 6 8 10 12 2 10 12 4 4 6 8 Time to prediction (Tp) Time to prediction (Tp) South Fork Salmon: salm.recspn5_n theta = 0.3 South Fork Salmon: salm.recspn5_n theta = 2 0.90 Mean absolute error (mae) Forecast skill (rho) 0.14 0.80 0.10 0.70 90.0 2 0 6 2 6 4 8 0 4 8 theta () theta ()