arc Univariate CCM with ccm function, without effective spawners in the embedding salm.rec3_n.0 salm.rec4_n.0 salm.rec5_n.0 salm.rec_n.0 0.4 0.2 Imnaha 0.0 -0.20.4 Middle Fork Salmon 0.2 -MK test True 0.0 False -0.2 Time series 0.4 Spring Summer South Fork Salmon Fall 0.2 Winter 0.0 -0.20.4 Upper Salmon 0.2 0.0

2 3 4 5 0

Variable offset, year

2 3

5

Cross-mapping correlation, p

-0.2

0

2 3 4 5 0

2 3 4 5 0