csl convergent cross-mapping salm.rec3_n.0 salm.rec5_n.0 salm.rec_n.0 salm.rec4_n.0 0.4 Imnaha 0.0 -0.40.4 Middle Fork Salmon MK test True False 0.0 Cross-mapping correlation, p Time series -0.4 Salish Sea WA Columbia R. 0.4 Bonneville Dam Haul out Pup count pups 0.0 Pup count male estimates Pup count 6+ yr male estimates -0.4 -0.4 Upper Salmon 0.0 -0.42 3 4 2 3 5 0 1 2 3 4 5 0 1 5 0 1 2 3

Variable offset, year