Middle Fork Salmon River Upper Mainstem MPG Multivariate CCM with spawners included in the attractor reconstruction rec3\_n rec\_n rec4\_n rec5\_n 0.8 0.4 npgo 0.0 -0.4 95% ρ 0.8 True False 0.4 Time series 0.0 Cross-mapping correlation, p Jan Feb -0.4 Mar Apr May 0.8 Jun Jul 0.4 Aug Sep 0.0 Oct Nov -0.4Dec NPGO year 8.0 PDO window 0.4 up48 0.0 -0.46 Ö Ö 0 2 4 6 0 2 2 6 2 4 6

Environmental variable offset, year