Partial effects of flow on 5 yr old recruits at chosen offsets from brood year a) 0 0.2 -0.2 -0.8 0.6 0.1 0.1 0.4 0.2 0.0 0.0 -0.1-0.1 · -0.2-0.2 b) 1 0.2 0.2 8.0 0.1 0.1 0.2 0.0 0.0 0 -0.1 -0.1-0.2 -0.2c) 2 model forecast skill, rho 0.2 0.2 -0.1 River mean flow 0.1 River peak flow 0.0 0.0 River peak day -0.1 -0.1 River gage height -0.2 -0.2 d) 3 0.2 0.2 0.8 0.6 0.4 0.2 0.1 0.1 0.0 0.0 -0.1 -0.1 -0.2 **-**-0.2e) 5 0.2 0.2 0.8 0.6 0.1 0.1  $\Diamond$ -0.4 0.2 0.0 0.0 0 -0.1-0.1 -0.2

-0.2

2000

2010

1990

Interaction coefficient

1970

1980

1960