Partial effects of flow on 4 yr old recruits at chosen offsets from brood year 0.8 a) 0 0.6 0.1 0.1 0.4 0.2 0.0 -0.1 -0.1 b) 1 8.0 0.6 0.1 0.1 0.4 0.2 0.0 0.0 -0.1-0.1 c) 2 model forecast skill, rho 0.1 0.1 River mean flow River peak flow 0.0 0.0 River peak day River gage height -0.1 -0.1 d) 3 0.8 0.6 0.1 0.1 0.4 0.2 0.0 0.0 -0.1-0.1 e) 4 0.8 0.6 0.1 0.1 0.4 0.2 0.0 0.0

-0.1

2000

1980

Interaction coefficient

-0.1

1960