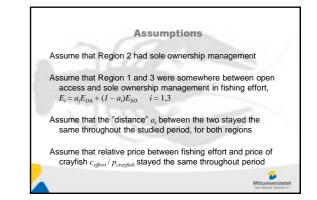
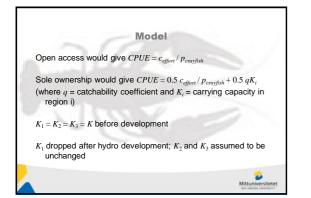
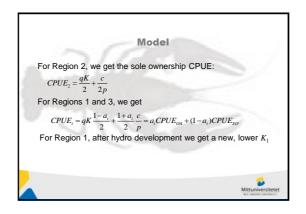
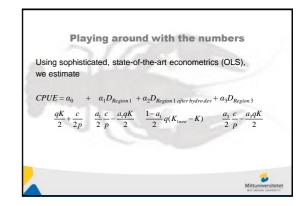


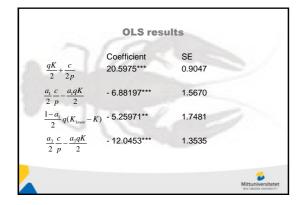
Keeping it simple... We know a fair amount about the biology now, but a lot of this was not known to the fishermen at the time Fishermen used CPUE as main indicator Assume a simple, Schaefer biological management model $N_{t+1} - N_t = rN_t \left(1 - \frac{N_t}{K}\right) - C_t = rN_t \left(1 - \frac{N_t}{K}\right)$ $-qE_{,}N_{,}$ We know that intrinsic growth >> real interest rate; assume that this was known to fishermen, and set discount rate ≈ 0 2 Mittunivers











Shuffling the numbers about a bit Loss caused by hydro development - loss caused by poor mgmt $<\frac{1}{2}q(K-K_{lnew})-\frac{1}{2}a_{l}\left(qK_{lnew}-\frac{c}{p}\right)=$ (rearranging terms) $= \frac{1}{2}(1-a_1)q(K-K_{1nov}) - \frac{1}{2}a_1\left(qK-\frac{c}{p}\right) = 5.25971 - 6.88197$ < 0 2 Mittuniversit

