Sensitivity of g1 to alpha —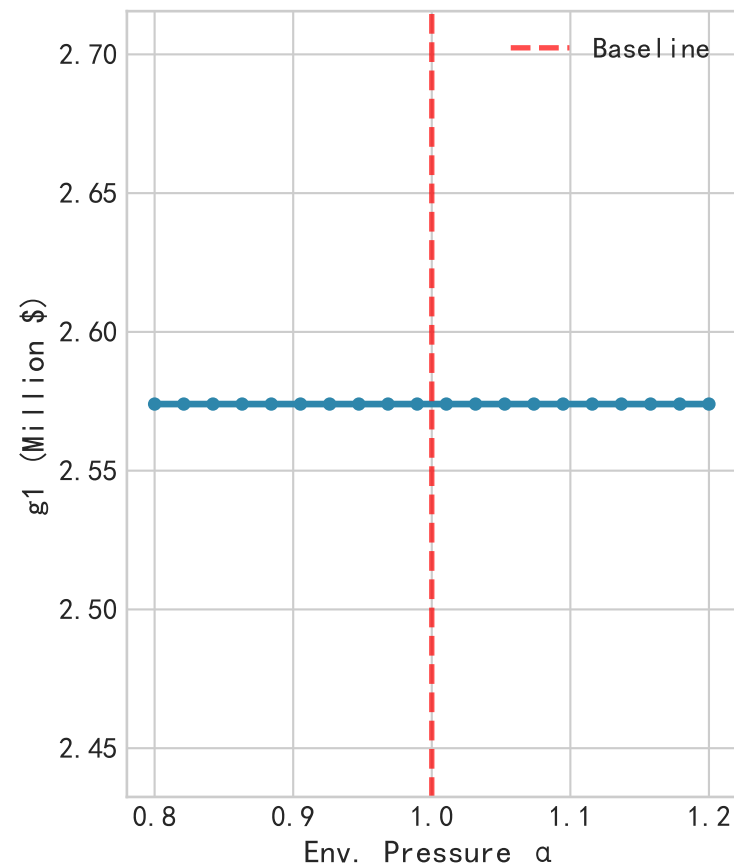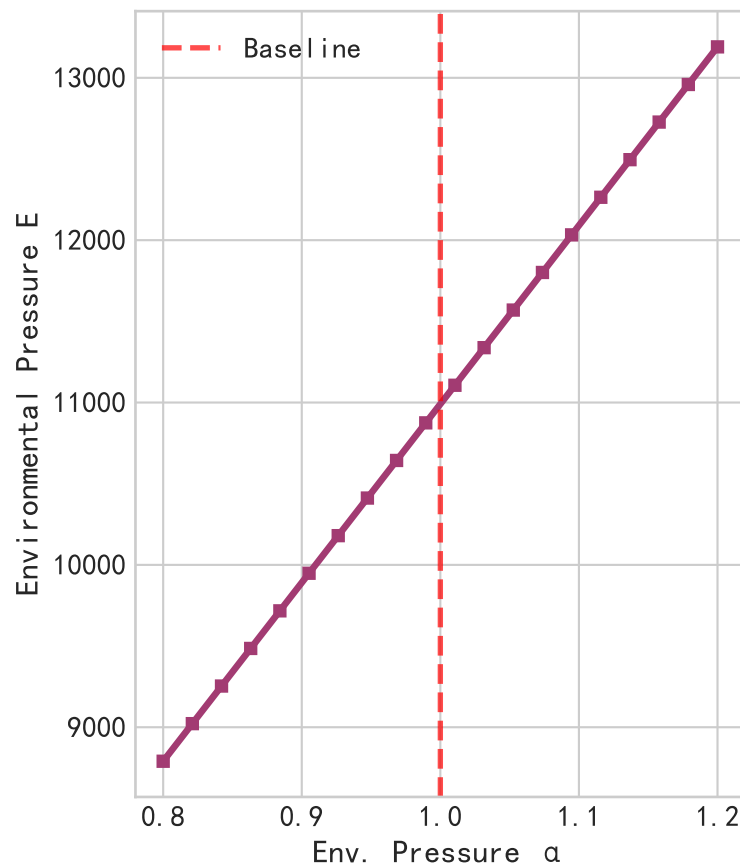 Sensitivity of E to alpha — Sensitivity of S to alpha