**Table 6.23.1. Percent difference from the base median number of two sea-winter (2SW) females in generation 10 for Base Case and Recovery scenarios. Sensitivity analyses are divided into three sections based on how model inputs were varied and can be compared among each section. The sensitivity runs in the third section cannot be quantitatively compared. Bold values indicate the model input was highly sensitive (i.e., the median number of 2SW females deviated by more than the percent change from the base) in that scenario. The raw data were reported when the base value equaled zero (i.e., in the egg to smolt survival (hatchery off) runs). These values are denoted by the absence of a percent sign (%). See Table 6.1 for values tested in sensitivity runs.**

| Description | Base Case | | | | | Recovery | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Production potential cap | -2% | 3% | 0% | 2% | 0% | -51% | -31% | 0% | 57% | 149% |
| Eggs per female | -18% | -13% | 0% | 45% | 157% | -60% | -36% | 0% | 29% | 69% |
| Egg to smolt survival | -20% | -14% | 0% | 42% | 151% | -52% | -37% | 0% | 59% | 107% |
| In-river mortality | 3% | 4% | 0% | 1% | -12% | 2% | 0% | 0% | -5% | -11% |
| Marine survival | **-86%** | **-66%** | 0% | **314%** | **1471%** | **-89%** | **-72%** | 0% | **380%** | **1630%** |
| Initial number of adults | 2% | 2% | 0% | 0% | 3% | 0% | 1% | 0% | 1% | -1% |
| Hatchery discount | **629%** | **205%** | 0% | -61% | -82% | **119%** | 44% | 0% | -28% | -46% |
| Number of smolts stocked | **-82%** | **-61%** | 0% | **208%** | **631%** | -47% | -28% | 0% | 43% | 117% |
| Proportion returning to sea | 17% | 10% | 0% | -14% | -46% | 5% | 2% | 0% | -7% | -22% |
| Indirect latent mortality | 62% | 41% | 0% | -50% | -100% | 29% | 20% | 0% | -33% | -100% |
| Downstream path choice | 1% | 2% | 0% | 3% | 5% | -2% | -1% | 0% | 1% | 1% |
| Egg to smolt survival (hatchery on) | | | | | | | | | | |
| Marine survival * 0.25 | -6% | -6% | 0% | 12% | 29% | | | | | |
| Marine survival * 0.5 | -12% | -7% | 0% | 17% | 54% | | | | | |
| Marine survival * 1 | -24% | -17% | 0% | 40% | 143% | | | | | |
| Marine survival * 2 | -35% | -25% | 0% | 69% | 173% | | | | | |
| Marine survival * 4 | -53% | -38% | 0% | 55% | 104% | | | | | |
| Egg to smolt survival (hatchery off) | | | | | | | | | | |
| Marine survival * 0.25 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Marine survival * 0.5 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Marine survival * 1 | 0 | 0 | 0 | 0 | 3 | | | | | |
| Marine survival * 2 | 0 | 0 | 0 | 3 | 592 | | | | | |
| Marine survival * 4 | **-100%** | **-100%** | 0% | **25375%** | **63575%** | | | | | |
| Downstream dam survival | **-31%** | **-15%** | 0% | **25%** | **52%** | **-20%** | **-11%** | 0% | **11%** | **27%** |
| Upstream dam survival | 8% | 3% | 0% | -3% | -6% | -6% | -4% | 0% | 1% | 5% |
| Hatchery stocking | -100% | -100% | 2% | 0% | | -65% | -46% | -4% | 0% | |
| Stocking distribution | -49% | -61% | 0% | 17% | 304% | -21% | -29% | 0% | -3% | 37% |
| Straying | 4% | 0% | 0% | 3% | 4% | -16% | -16% | 0% | -21% | -7% |
| Proportion dying | 6% | 5% | 0% | 1% | 1% | -1% | -2% | 0% | 0% | -2% |
| Proportion remaining downstream | 2% | 1% | 0% | | | -5% | -5% | 0% | | |
| Marine survival | | | | | | | | | | |
| Mean based | 290% | -66% | 0% | | | 176% | -64% | 0% | | |
| Median based | 304% | -64% | 0% | | | 182% | -68% | 0% | | |