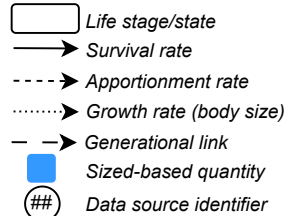


Notation



Data Sources

- (*denotes data sources that do not have uncertainty; all others observed with error)
- (1) PIT tag survival from summer rearing to LGR
 - (2) Mean parr length at summer tagging
 - (3) Abundance of parr passing screw trap in fall
 - (4) PIT tag survival from screw trap in fall to LGR
 - (5) PIT tag survival from early winter to LGR
 - (6) Abundance of smolt passing screw trap in spring
 - (7) Mean smolt length at screw trap in spring
 - (8) PIT tag survival from screw trap in spring to LGR
 - (9) *Abundance of hatchery-origin smolt released
 - (10) PIT tag survival of hatchery smolt to LGR
 - (11) PIT tag survival from LGR to BON (natural origin)
 - (12) PIT tag survival from LGR to BON (hatchery origin)
 - (13) *Harvest rate below BON (origin/age-specific)
 - (14) Counts of PIT tagged adults at BON and LGR
 - (15) Total abundance of returning adults to tributary
 - (16) Age/origin composition of returning adults at weir
 - (17) *Adults by age/origin removed at weir or harvested
 - (18) *Pre-spawn survival rates estimated from carcasses
 - (19) Age/origin composition of carcasses
 - (20) *Proportion female and time/age-varying fecundity