

# Report Errors

Last updated on June 13, 2018

## **2012 Six-Year Acoustic Telemetry Steelhead Study Report**

An error exists in Table 17 of the 2012 Six-Year Steelhead Study Report. The estimate of San Joaquin River survival for release group 2 in 2012 should be 0.36 (0.03), not 0.33 (0.03). Please see corrected table on the next page. The corrected error is highlighted in yellow.

**Table 1. Performance metric estimates (standard error in parentheses) for tagged juvenile steelhead released in the 2012 tagging study, excluding predator-type detections. South Delta ("SD") survival extended to MacDonald Island and Turner Cut in Route A, and the Central Valley Project trash rack, exterior radial gate receiver at Clifton Court Forebay, and Old River and Middle River receivers at Highway 4 in Route B. (Population-level estimates were weighted averages over the release-specific estimates, using weights proportional to release size.)**

Parameter	Release Group			Population Estimate
	1	2	3	
$\Psi_{AA}$	0.72 (0.04)	0.75 (0.03)	0.58 (0.04)	0.68 (0.02)
$\Psi_{AF}$	0.21 (0.04)	0.23(0.03)	0.34 (0.04)	0.26 (0.02)
$\Psi_{BB}^a$	0.06 (0.01)	0.03 (0.01)	0.08 (0.02)	0.06 (0.01)
$\Psi_{BC}^a$	0.00	0.00	0.00	0.00
$S_{AA}$	0.33 (0.03)	0.43 (0.03)	0.45 (0.05)	0.40 (0.02)
$S_{AF}$	0.10 (0.04)	0.14 (0.04)	0.21 (0.05)	0.15 (0.03)
$S_{BB}^a$	0.07 (0.04)	0.10 (0.07)	0.05 (0.03)	0.07 (0.03)
$S_{BC}^a$	NA	NA	NA	NA
$\Psi_A^b$	0.94 (0.01)	0.97 (0.01)	0.92 (0.02)	0.94 (0.01)
$\Psi_B^b$	0.06 (0.01)	0.03 (0.01)	0.08 (0.02)	0.06 (0.01)
$S_A^c$	0.28 (0.03)	0.36 (0.03)	0.36 (0.04)	0.33 (0.02)
$S_B^c$	0.07 (0.04)	0.10 (0.07)	0.05 (0.03)	0.07 (0.03)
$S_{Total}$	0.26 (0.02)	0.35 (0.03)	0.33 (0.04)	0.32 (0.02)
$S_{A(MD)}$	0.32 (0.03)	0.46 (0.03)	0.45 (0.04)	0.41 (0.02)
$S_{B(MD)}^d$	0.00	0.00	0.00	0.00
$S_{Total(MD)}$	0.30 (0.03)	0.45 (0.03)	0.41 (0.04)	0.39 (0.02)
$S_{A(SD)}$	0.78 (0.04)	0.82 (0.02)	0.89 (0.03)	0.83 (0.02)
$S_{B(SD)}$	0.80 (0.08)	0.62 (0.17)	0.23 (0.11)	0.55 (0.07)
$S_{Total(SD)}$	0.78 (0.04)	0.81 (0.02)	0.84 (0.03)	0.81 (0.02)
$\phi_{A1A4}$	0.70 (0.02)	0.65 (0.02)	0.36 (0.02)	0.57 (0.01)

a = No tags were detected in subroute C or insufficient tags were detected to subroute C for use in analysis, so assumed  $\Psi_{B2} = 1$ ,  $\Psi_{C2} = 0$ , and  $S_{B1} = \phi_{B1B2}$ . No estimate of survival in subroute C was available.

b = Significant preference for route A (San Joaquin Route) ( $\alpha = 0.05$ ) for all release groups

c = Estimated survival is significantly higher in route A (San Joaquin River) than in route B (Old River) ( $\alpha = 0.05$ ) for all release groups (tested only for Delta survival)

d = No tags from fish that entered Old River at its head were later detected at Jersey Point or False River, although some were detected farther downstream at Chipps Island (presumably transported)