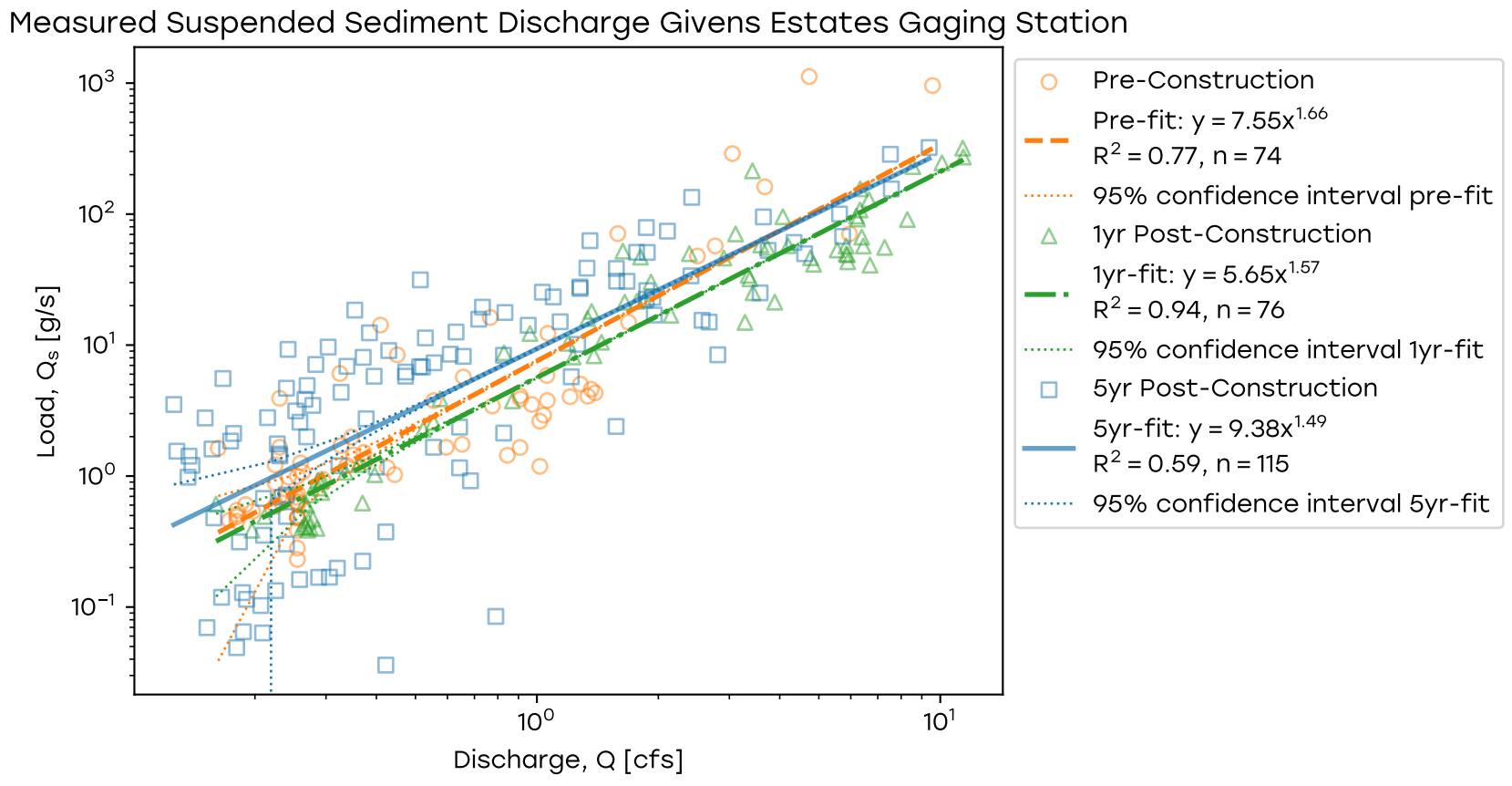
Measured Suspended Sediment Discharge Givens Estates Gaging Station
Load, Q_s [g/s]
Discharge, Q [cfs]
10^3
10^2
10^1
10^0
10^{-1}
10^0
10^1
Pre-Construction
Pre-fit: $y = 7.55x^{1.66}$
$R^2 = 0.77$, n = 74
95% confidence interval pre-fit
1yr Post-Construction
1yr-fit: $y = 5.65x^{1.57}$
$R^2 = 0.94$, n = 76
95% confidence interval 1yr-fit
5yr Post-Construction
5yr-fit: $y = 9.38x^{1.49}$
$R^2 = 0.59$, n = 115
95% confidence interval 5yr-fit