Histogram of Percent Errors in Minimum Flow

Extrap1

Extrap2

Extrap3

Extrap4

Percent Error in Minimum Flow

Frequency
Distribution of Percent Error in Minimum Flows

All Methods: 10 obs > 2000%
Observed and Modeled Minimum Flow for Original Extrapolation

- One-to-One
- Lowess
- $Y=0.39X^{0.56}$
Observed and Modeled Minimum Flow for Alternative Extrapolations

Extrap1

One-to-One
Lowess
\[ Y = 0.39X^{0.54} \]

Extrap2

One-to-One
Lowess
\[ Y = 0.42X^{0.56} \]

Extrap3

One-to-One
Lowess
\[ Y = 0.74X^{0.58} \]

Extrap4

One-to-One
Lowess
\[ Y = 0.7X^{0.58} \]

Observed and Modeled Minimum

Observed Minimum

Modeled Minimum
Percent Error in Minimum Flow versus Drainage Area (Original Extrapolation; with Lowess Smooth)

10 obs >2000%, DA [50,500]
Percent Error in Minimum Flow versus Drainage Area (Alternative Extrapolations; with Lowess Smooth)
Percent Error in Minimum Flow versus Drainage Area (Alternative Extrapolations; with Lowess Smooth)
Histogram of S/O Ratios in Minimum Flow

Extrap1

Extrap2

Extrap3

Extrap4

S/O Ratio in Minimum Flow

Frequency
Distribution of S/O Ratios in Minimum Flows

Method

Original  Extrap1  Extrap2  Extrap3  Extrap4
S/O Ratio in Minimum Flow versus Drainage Area (Original Extrapolation; with Lowess Smooth)
S/O Ratio in Minimum Flow versus Drainage Area (Alternative Extrapolations; with Lowess Smooth)

Extrap1

Extrap2

Extrap3

Extrap4
S/O Ratio in Minimum Flow versus Drainage Area (Alternative Extrapolations; with Lowess Smooth)