Predictive Uncertainty

ESPAM2.0 WD034 – nr Blackfoot-Minidoka,

Filtered & Unfiltered Snake River Gains WD034 – nr Blackfoot-Minidoka,

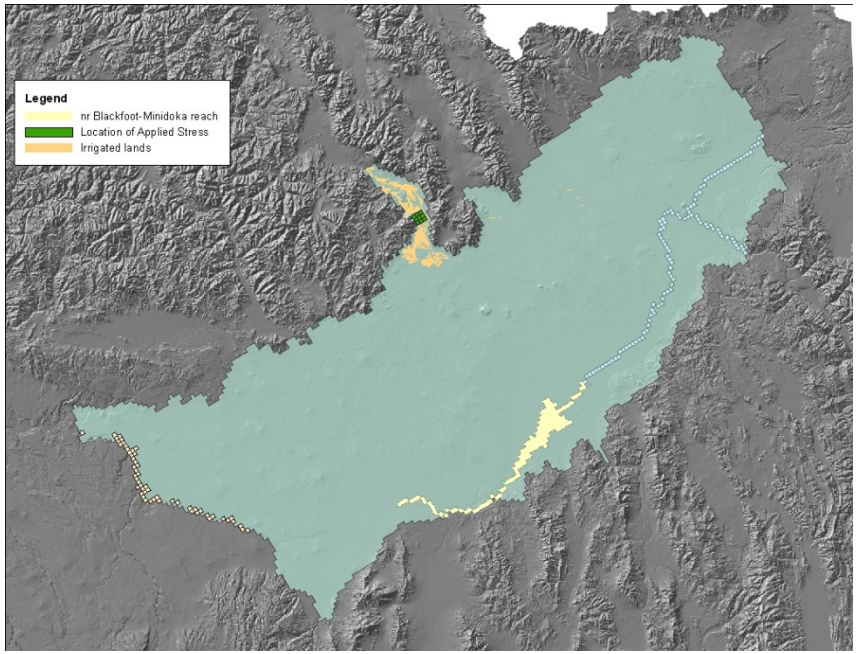
Allan Wylie IDWR

Comparison

Centroid	Reach	Calibrated Impact	Maximized Impact	Minimized Impact	Range	Model Version
WD34	nr Blackfoot-Minidoka	0.682	0.862	0.324	0.537	E120116A008
WD34	nr Blackfoot-Minidoka	0.542	?	0.475	?	filt riv gai

Gray rows = ESPAM2.0
Blue rows = Filtered/Unfiltered

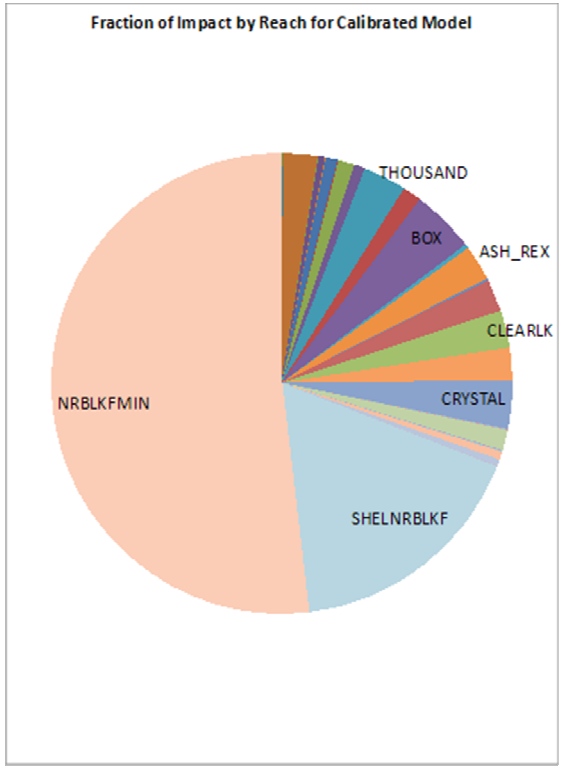
ESPAM2.0 WD034 nr Blackfoot-Minidoka



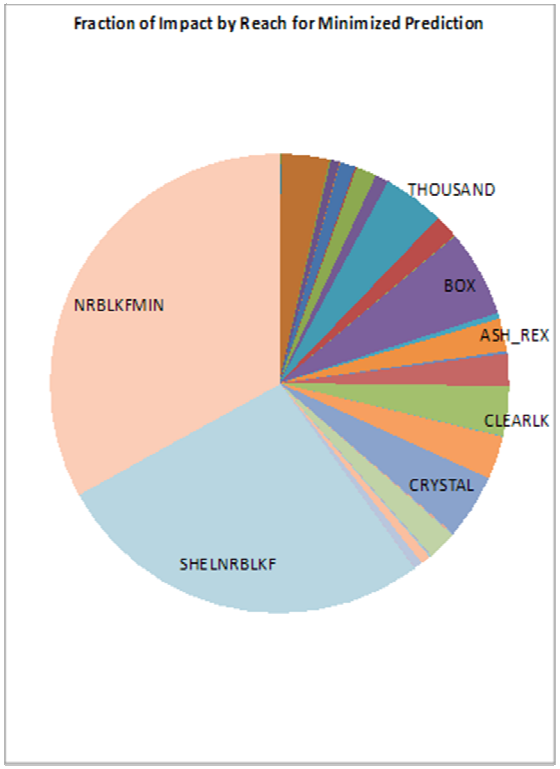
- WD034 on nr Blackfoot-Minidoka
- ESPAM2.0
  - WD034 on nr Blackfoot-Minidoka
- Minimize = minimize the impact on nr Blackfoot-Minidoka

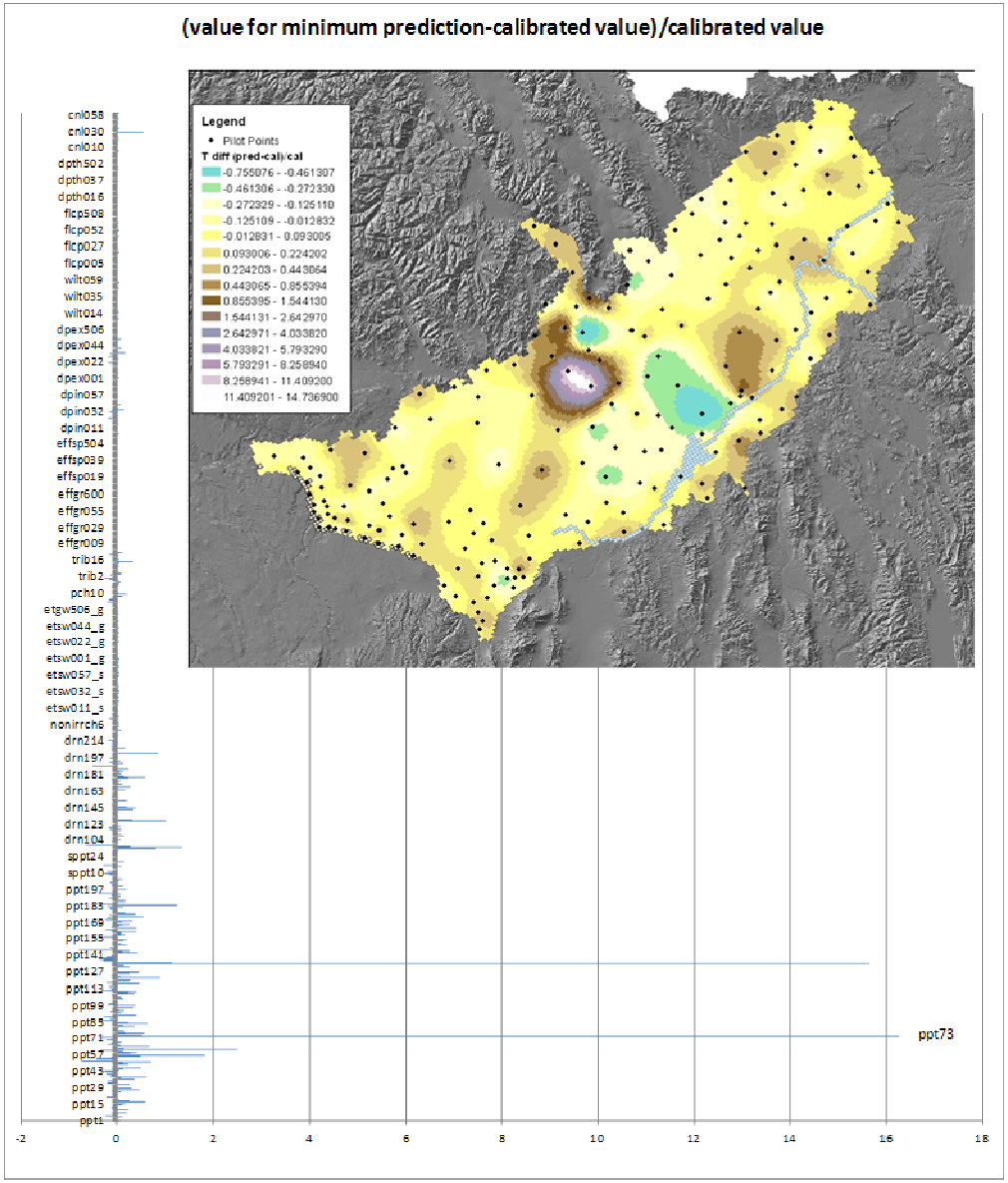
ESPAM2.0
WD034 nr Blackfoot-Minidoka

Calibrated



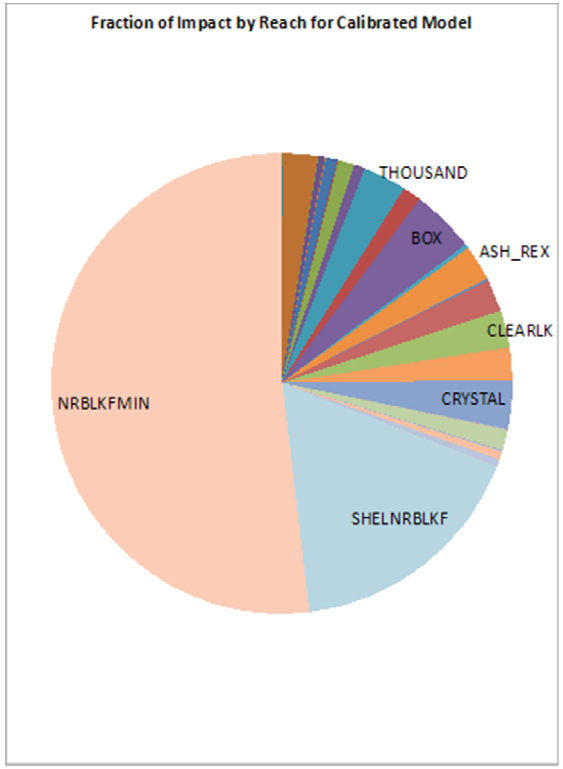
Minimized



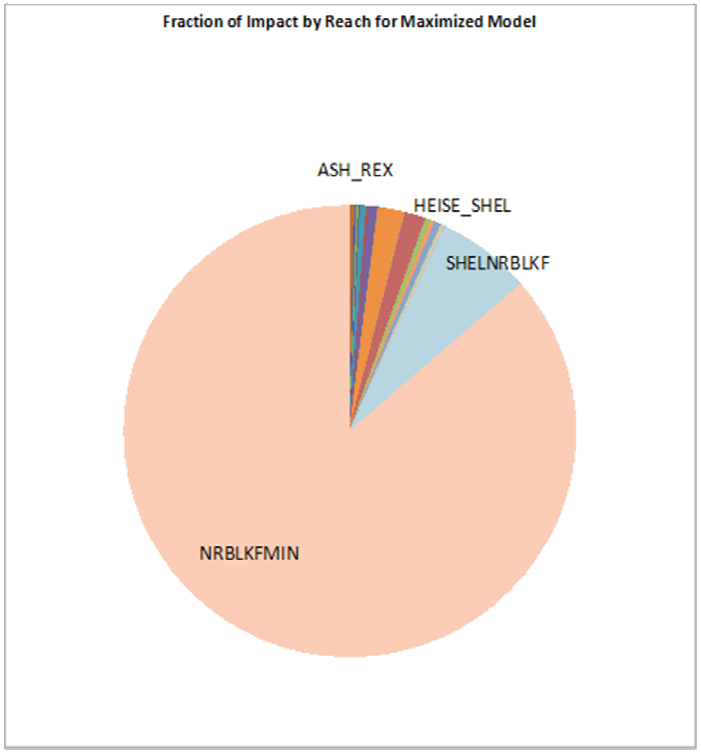

(value for minimum prediction-calibrated value)/calibrated value
Legend
Pilot Points
T diff (pred-cal)/cal
-0.755076 - -0.461307
-0.461306 - -0.272330
-0.272329 - -0.125110
-0.125109 - -0.012832
-0.012831 - 0.093005
0.093006 - 0.224202
0.224203 - 0.443064
0.443065 - 0.855394
0.855395 - 1.544130
1.544131 - 2.642970
2.642971 - 4.033820
4.033821 - 5.793290
5.793291 - 8.258940
8.258941 - 11.409200
11.409201 - 14.736900
ppt73
-2
0
2
4
6
8
10
12
14
16
18

ESPAM2.0
WD034 nr Blackfoot-Minidoka

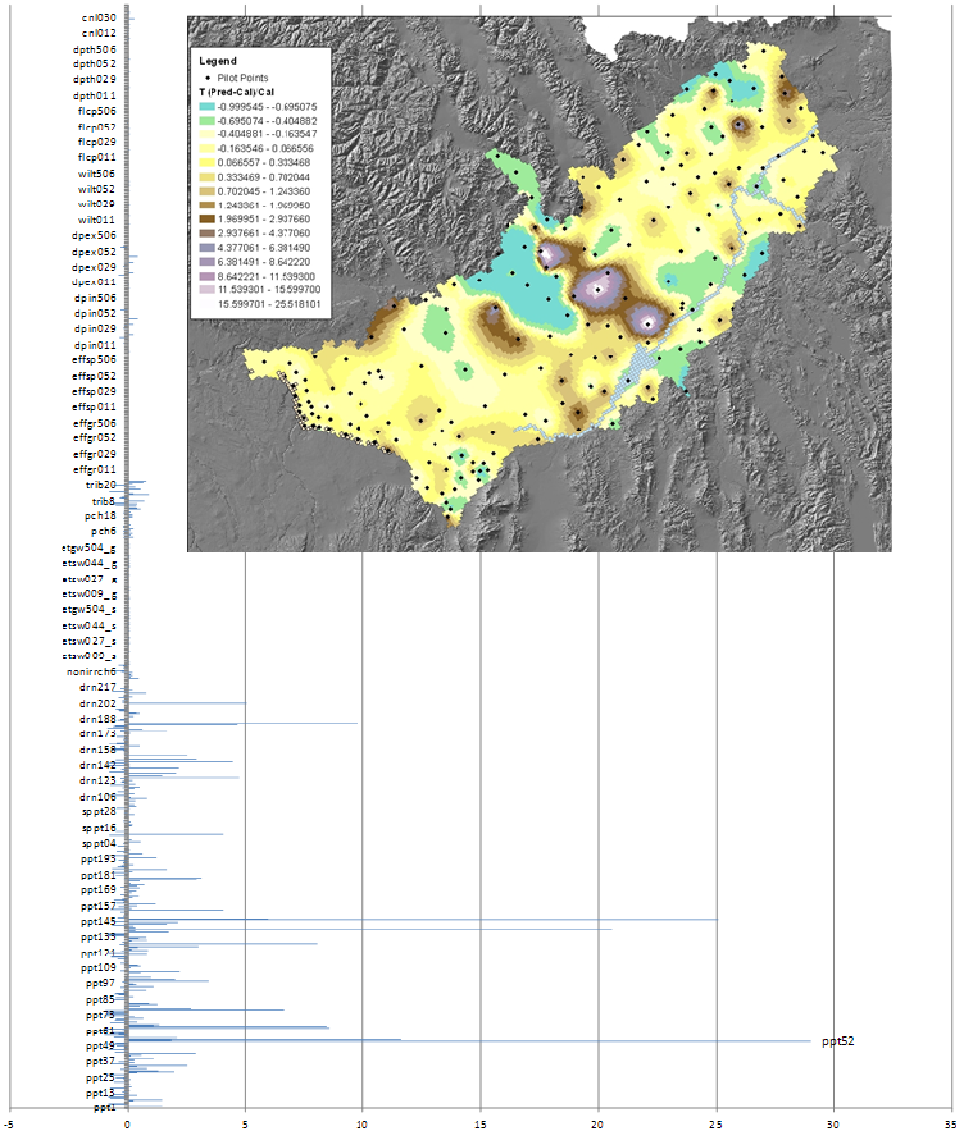
Calibrated



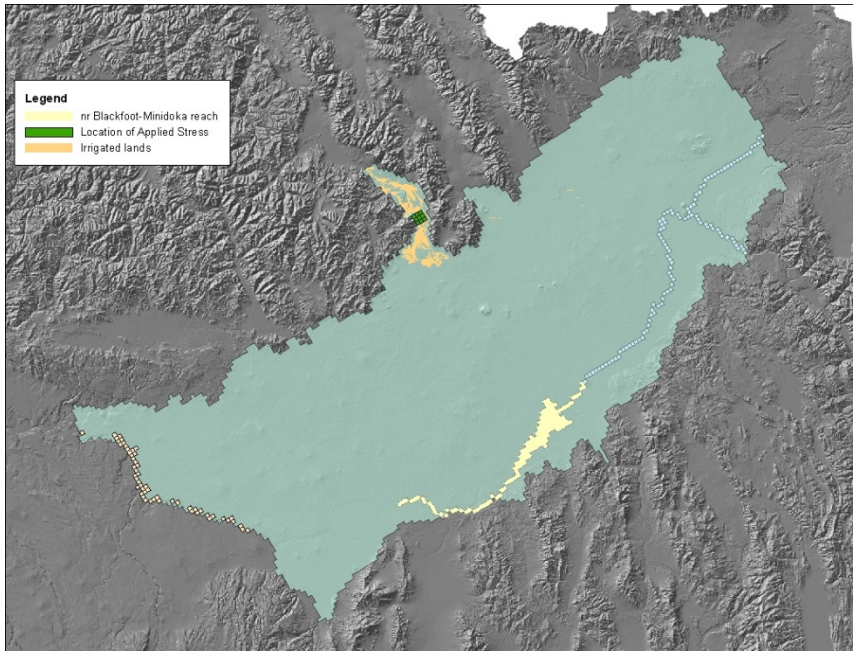
Maximized



(value for maximum prediction-calibrated value)/calibrated value



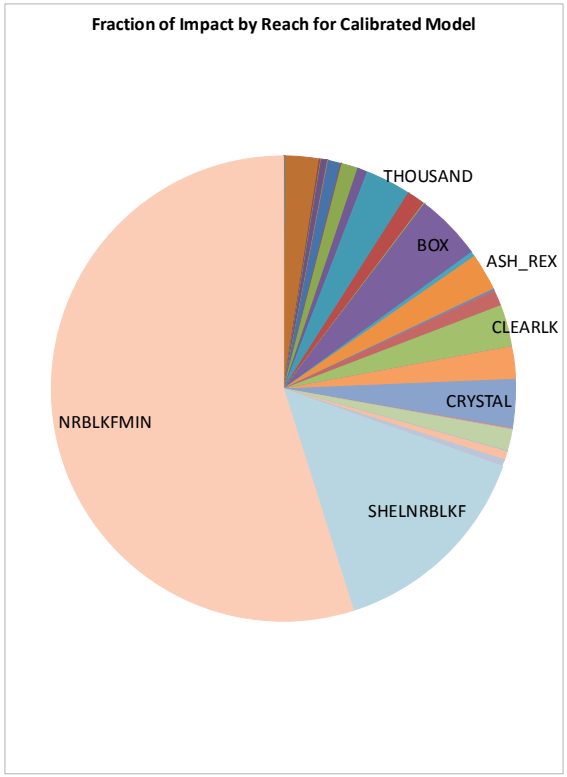
Filtered & un Filtered Gains WD034 nr Blackfoot-Minidoka



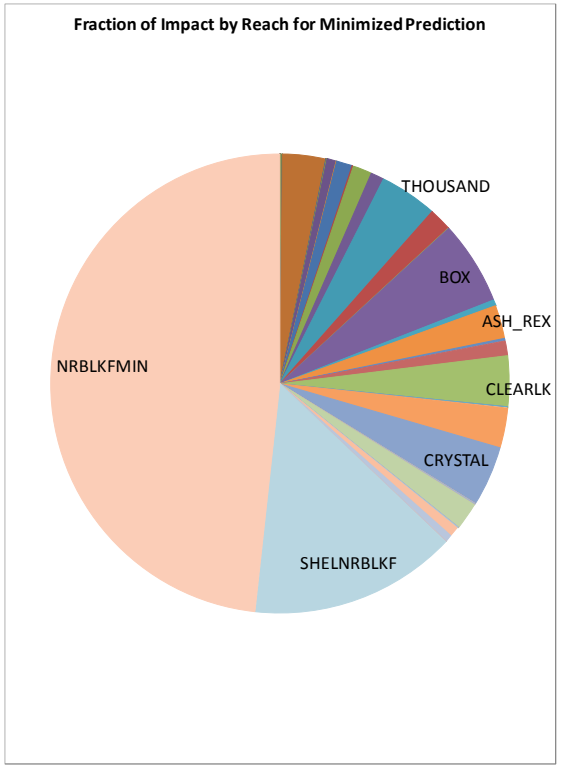
- WD034 on nr Blackfoot-Minidoka
- ESPAM2.0
  - WD034 on nr Blackfoot-Minidoka
- Filtered & Unfiltered Snake River Gains
  - WD034 on nr Blackfoot-Minidoka
- Minimize = minimize the impact on nr Blackfoot-Minidoka

Filtered & un Filtered Gains WD034 nr Blackfoot-Minidoka

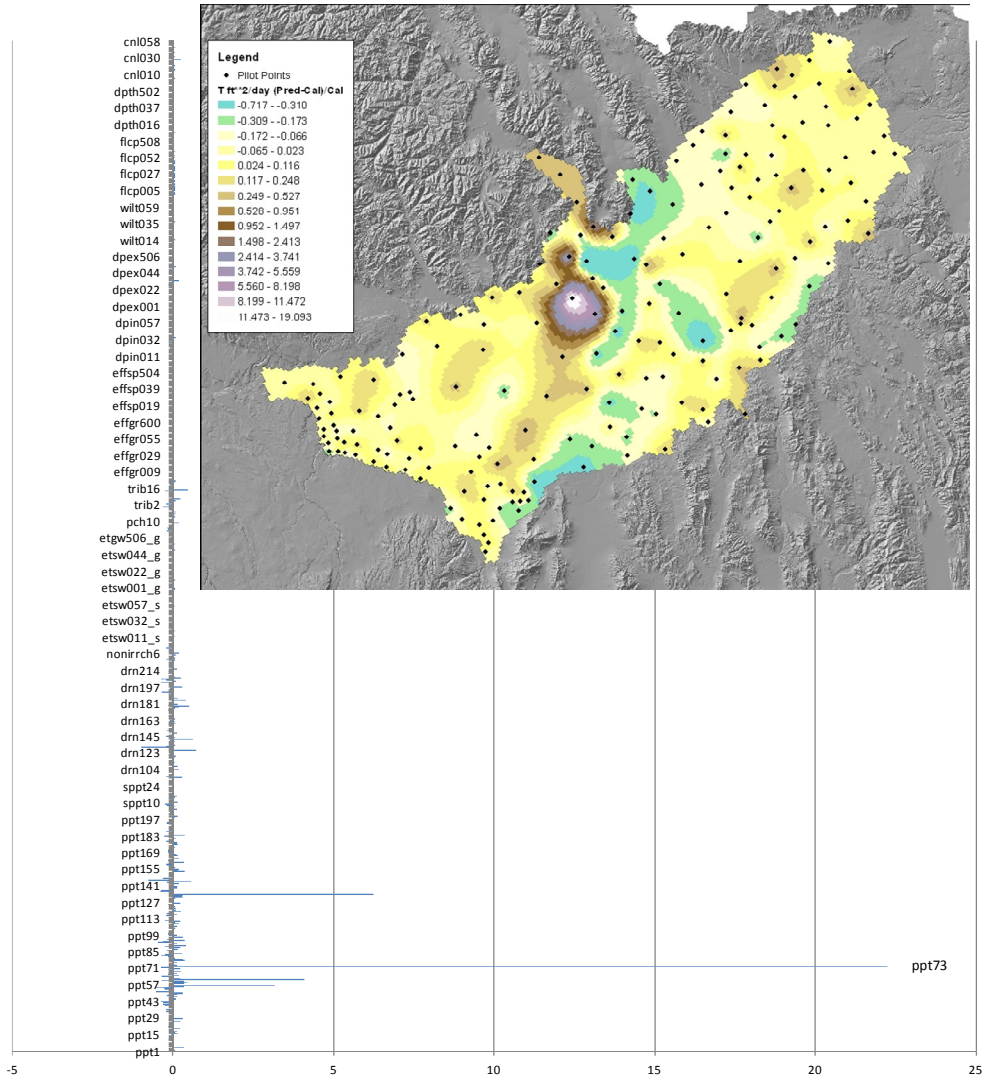
Calibrated



Minimized

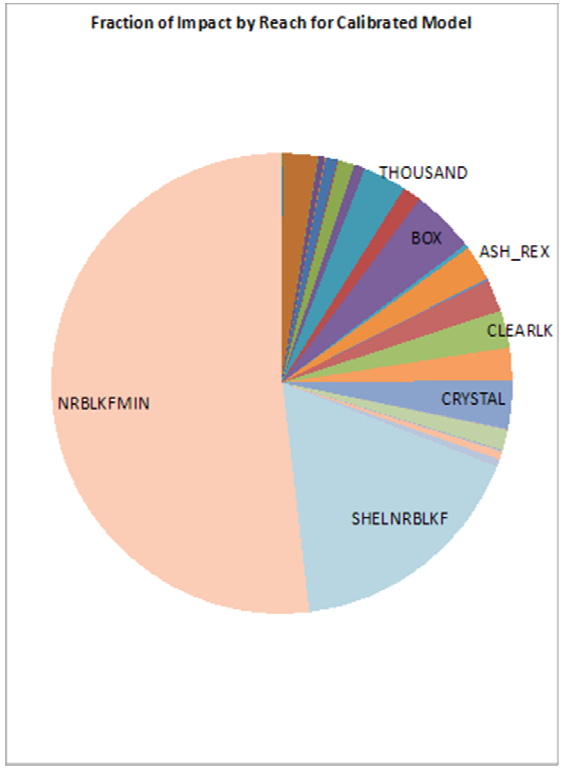


(value for minimum prediction-calibrated value)/calibrated value

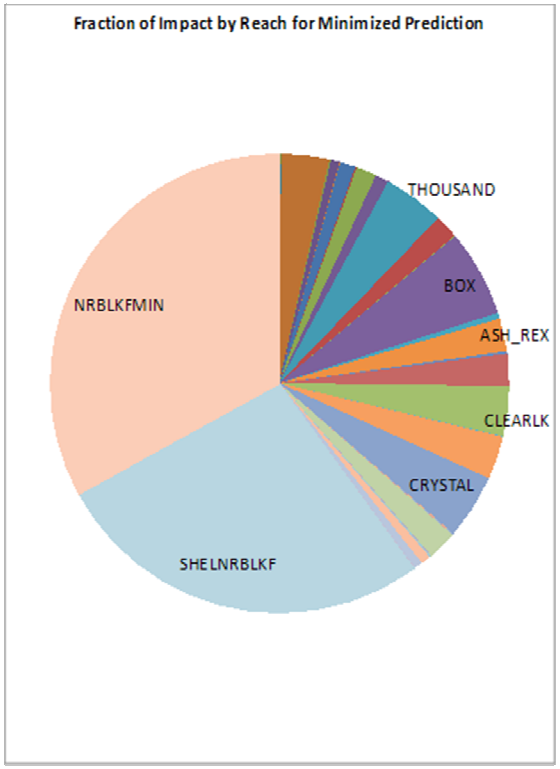


ESPAM2.0
WD034 nr Blackfoot-Minidoka

Calibrated

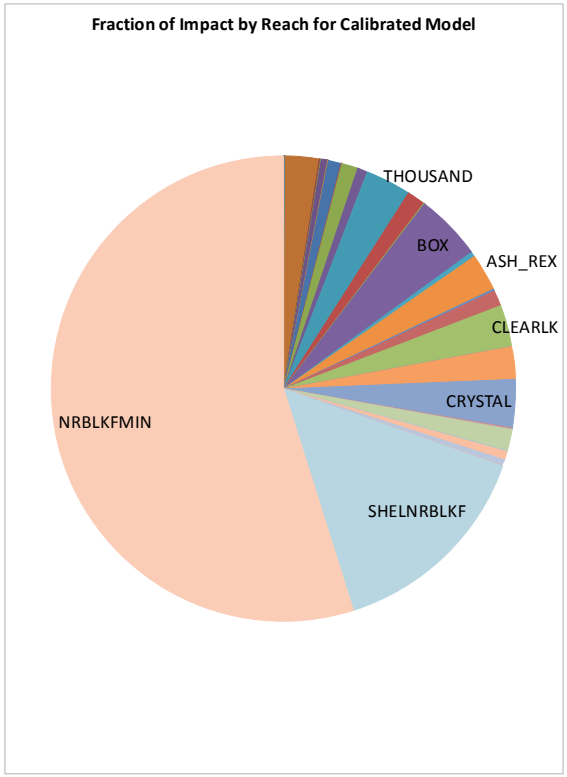


Minimized

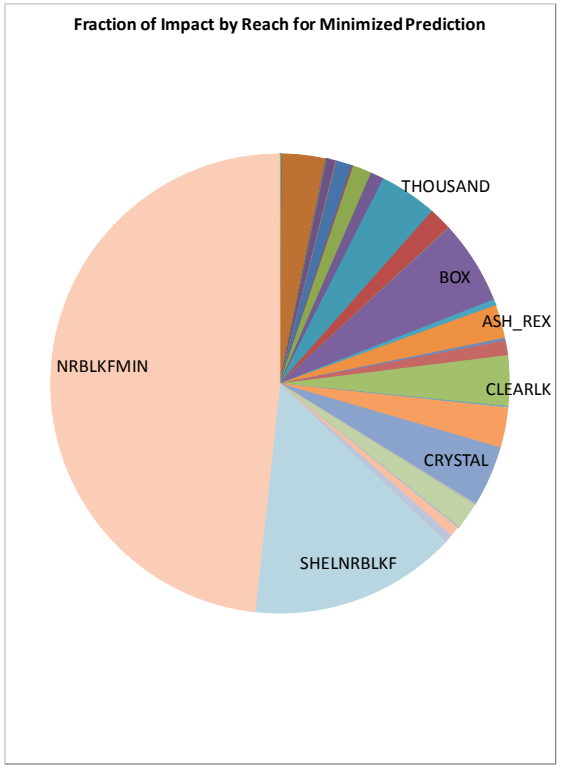


Filtered & un Filtered Gains WD034 nr Blackfoot-Minidoka

Calibrated



Minimized



END