

## Appendix C

This appendix contains boxplots of the medians of the ensemble of level-1<sup>1</sup> simulated monthly-mean streamflows at 12 locations and water levels at five reservoirs. For each model-output location, time series of ensemble means of monthly-mean streamflows or water levels were computed for each level-1 GCM/emission-scenario. Medians of the ensemble means were computed for each month-year combination separately for model results based on the A2 and A1b emission scenarios (described below), resulting in two new time series. Month- and emission-scenario-specific time series of the medians of the ensemble means each were divided into three “epochs” (where epoch 1 corresponds to dates between 2037 and 2055, epoch 2 corresponds to dates between 2056 and 2075, and epoch 3 corresponds to dates between 2076 and 2094) and notched boxplots were prepared showing the distribution of the medians within each epoch.

The following tables list the identifiers or designations shown on the plots that are associated with the emission scenarios and sites.

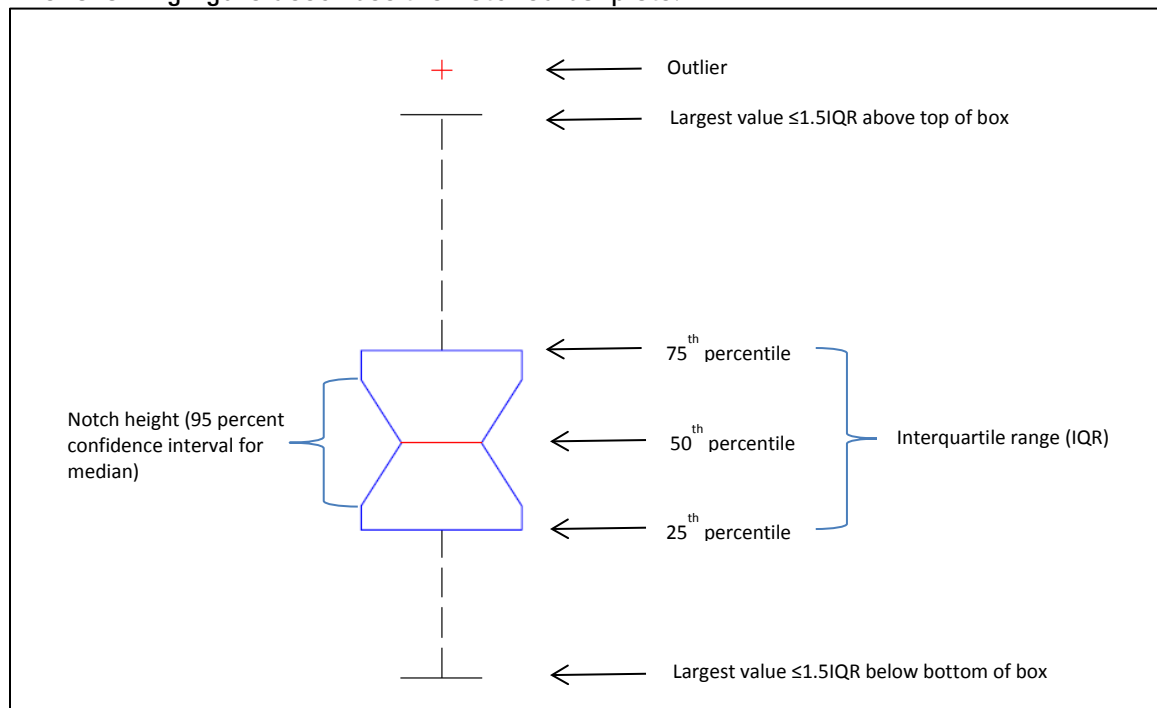
<b>Special Report on Emissions Scenario Designation</b>	<b>Description</b>
A2	The A2 scenario represents a divided world that is characterized by: <ul style="list-style-type: none"><li>• A world of independently operating, self-reliant nations.</li><li>• Continuously increasing population.</li><li>• Regionally oriented economic development.</li></ul>
A1b	The A1b scenario represents a more integrated world that is characterized by: <ul style="list-style-type: none"><li>• Rapid economic growth.</li><li>• A global population that reaches almost 9 billion in 2050 and then gradually declines.</li><li>• The quick spread of new and efficient technologies.</li><li>• A convergent world - income and way of life converge between regions. Extensive social and cultural interactions worldwide.</li><li>• A balanced emphasis on all energy sources.</li></ul>

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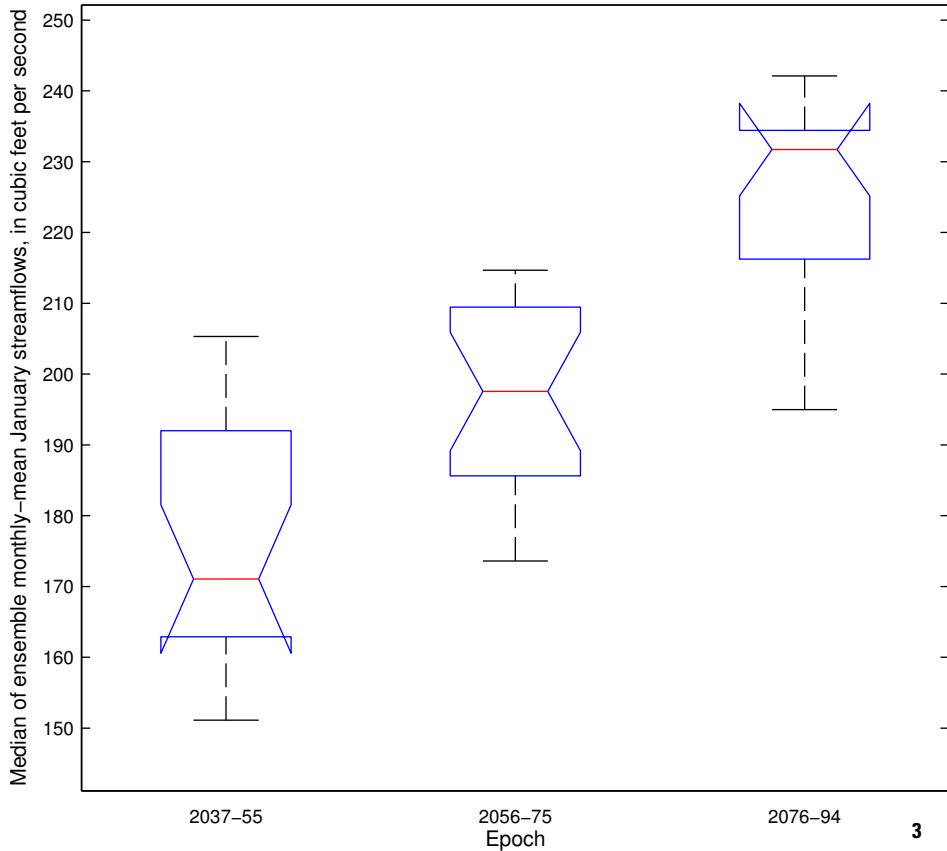
<sup>1</sup> Level 1 simulations account only for anticipated 21st-century changes in climate and operations of three City of Columbus upground reservoirs located in northwest Delaware County, Ohio.

Site ID	Description	Latitude	Longitude
AFRI	Alum Creek at Africa, OH	40° 10' 56"	82° 57' 41"
ALUM	Alum Creek Reservoir, OH	40° 11' 11"	82° 57' 59"
CBUS	Scioto River at Columbus, OH	39° 54' 34"	83° 00' 32"
CCOL	Big Walnut Creek at Central College, OH	40° 06' 12"	82° 53' 02"
CIRC	Scioto River at Circleville, OH	39° 36' 05"	82° 57' 18"
CLAR	Olentangy River at Claridon, OH	40° 34' 59"	82° 59' 22"
DELA	Olentangy River near Delaware, OH	40° 21' 18"	83° 04' 05"
DELL	Delaware Lake, OH	40° 21' 31"	83° 04' 09"
GRIG	Griggs Reservoir, OH	40° 00' 58"	83° 05' 38"
HOOV	Hoover Reservoir, OH	40° 06' 30"	82° 52' 53"
LSCI	Little Scioto River at mouth, OH	40° 31' 21"	83° 12' 20"
MILL	Mill Creek near Bellepoint, OH	40° 14' 55"	83° 10' 26"
OLEN	Olentangy River at mouth, OH	39° 57' 54"	83° 01' 01"
OLOC	Olentangy River near Olentangy Caverns, OH	40° 11' 55"	83° 03' 09"
OSHY	O'Shaughnessy Reservoir, OH	40° 09' 14"	83° 07' 32"
PROS	Scioto River near Prospect, OH	40° 25' 10"	83° 11' 50"
SROR	Scioto River at confluence with Olentangy River	39° 57' 54"	83° 01' 01"

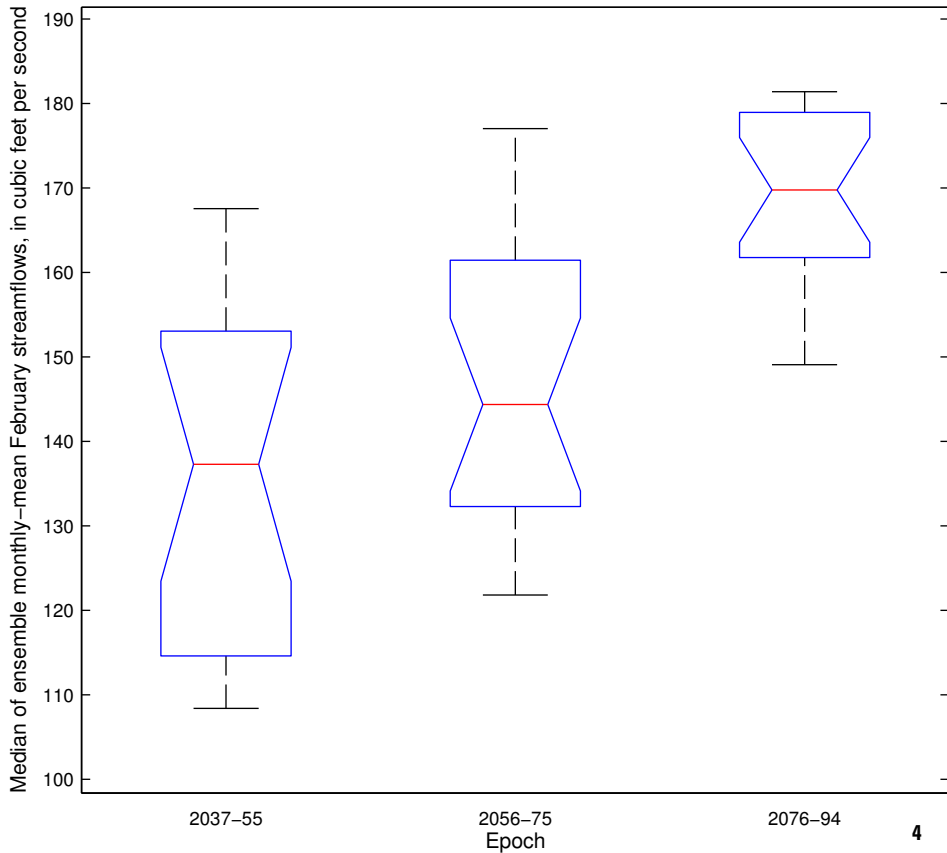
The following figure describes the notched boxplots.



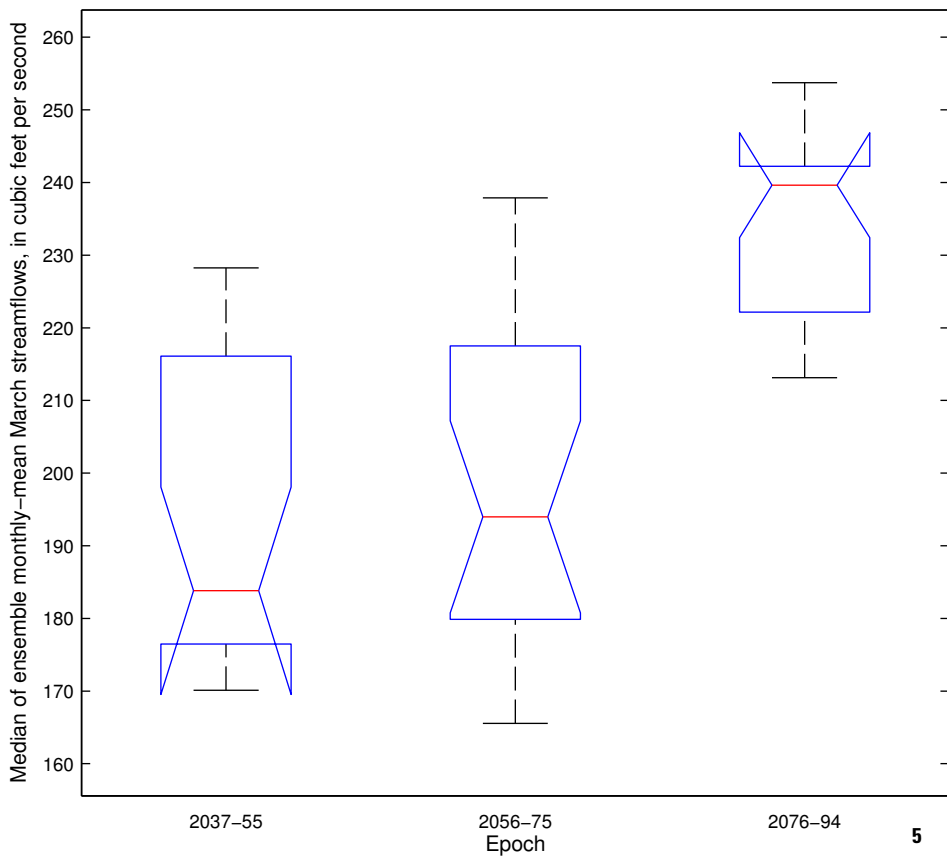
# AFRI – A2 Emission Simulation Results



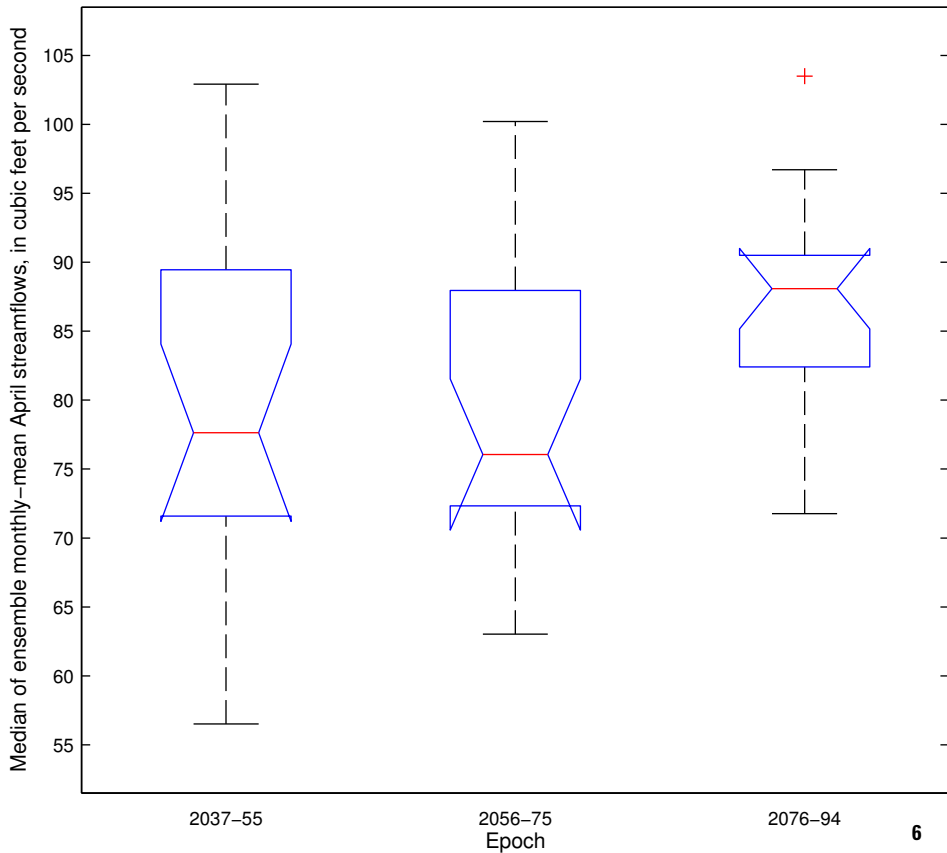
## AFRI – A2 Emission Simulation Results



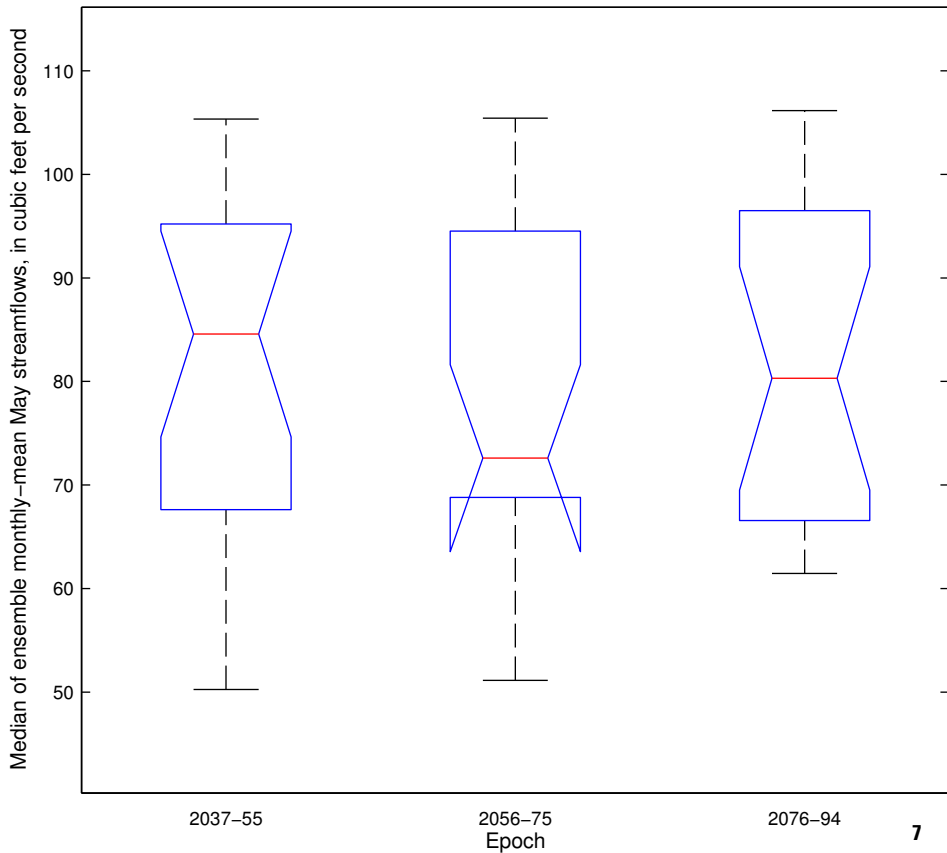
# AFRI – A2 Emission Simulation Results



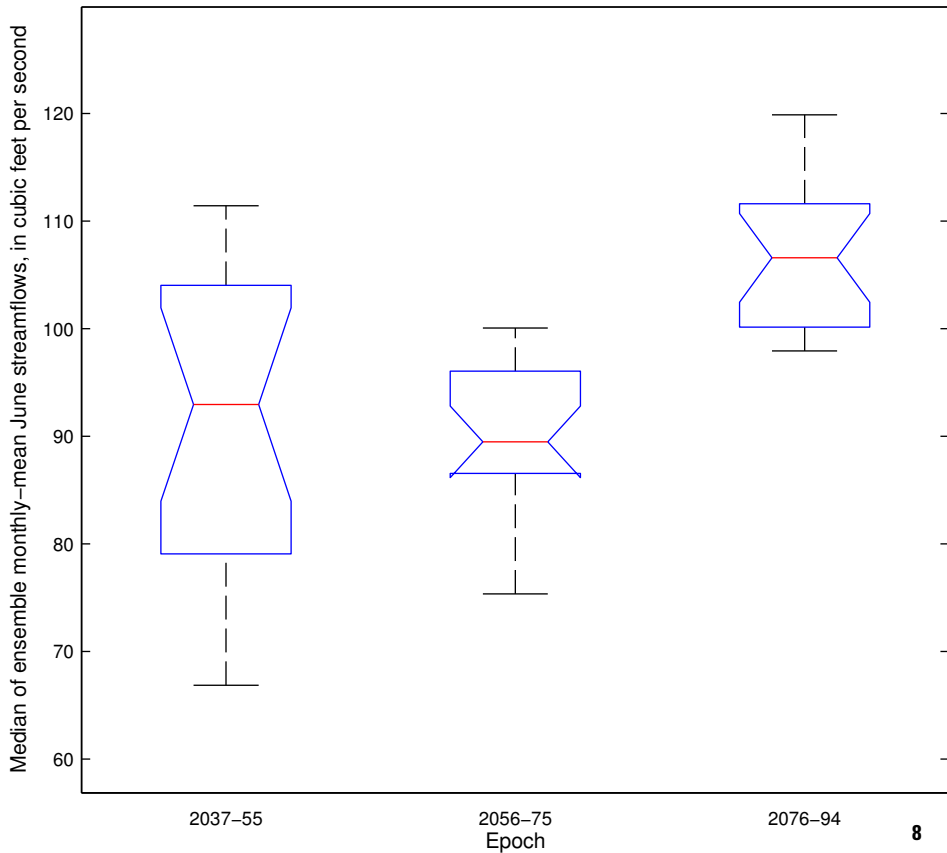
# AFRI – A2 Emission Simulation Results



## AFRI – A2 Emission Simulation Results

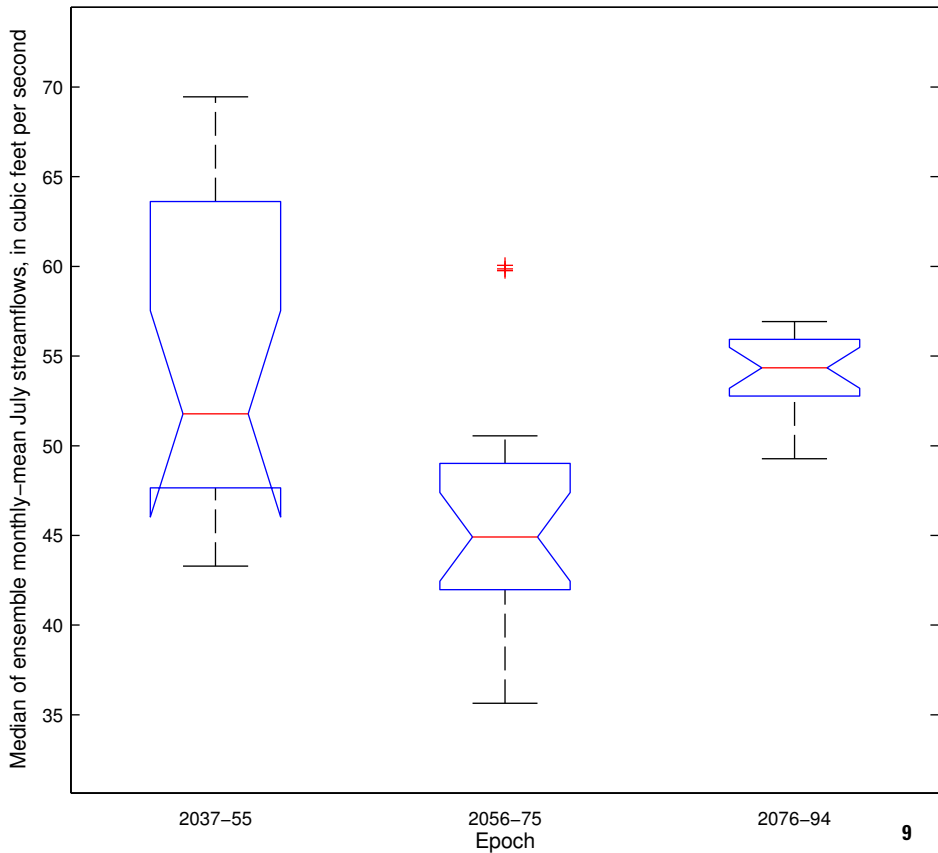


# AFRI – A2 Emission Simulation Results

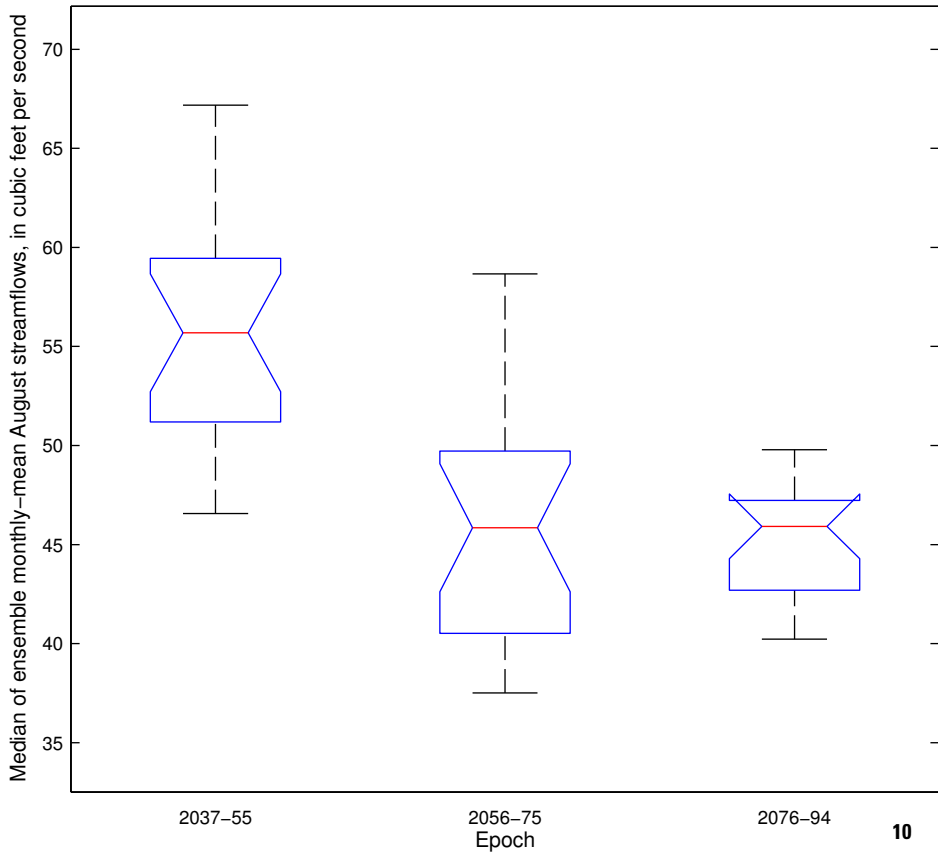




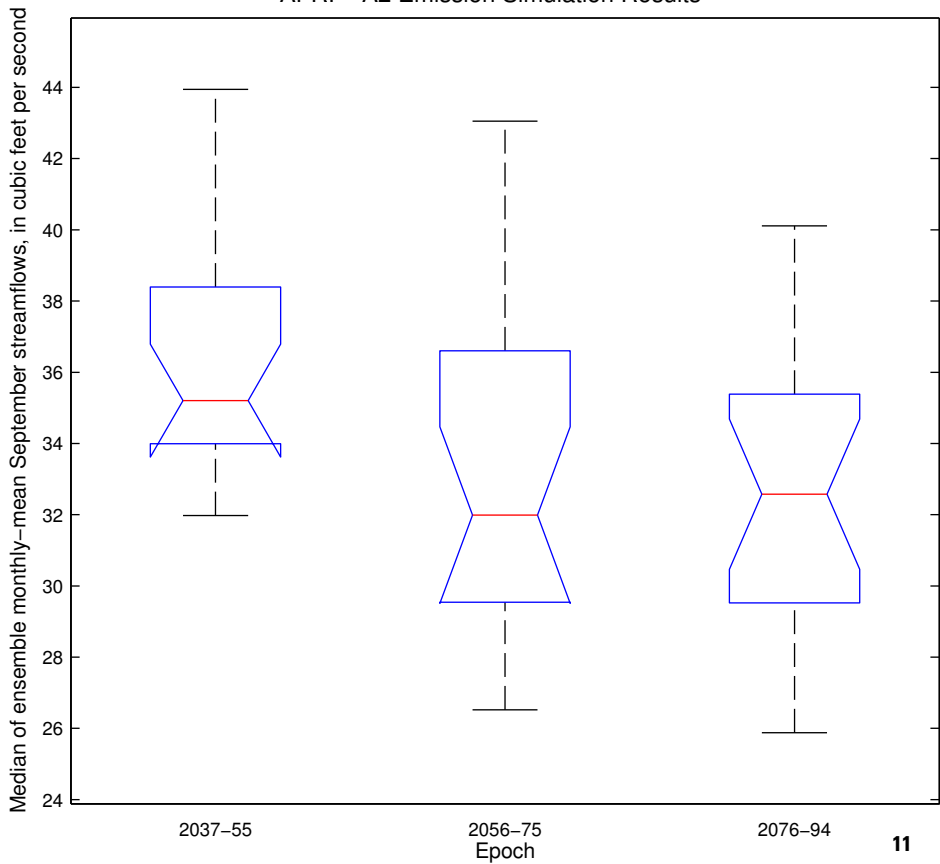
## AFRI – A2 Emission Simulation Results



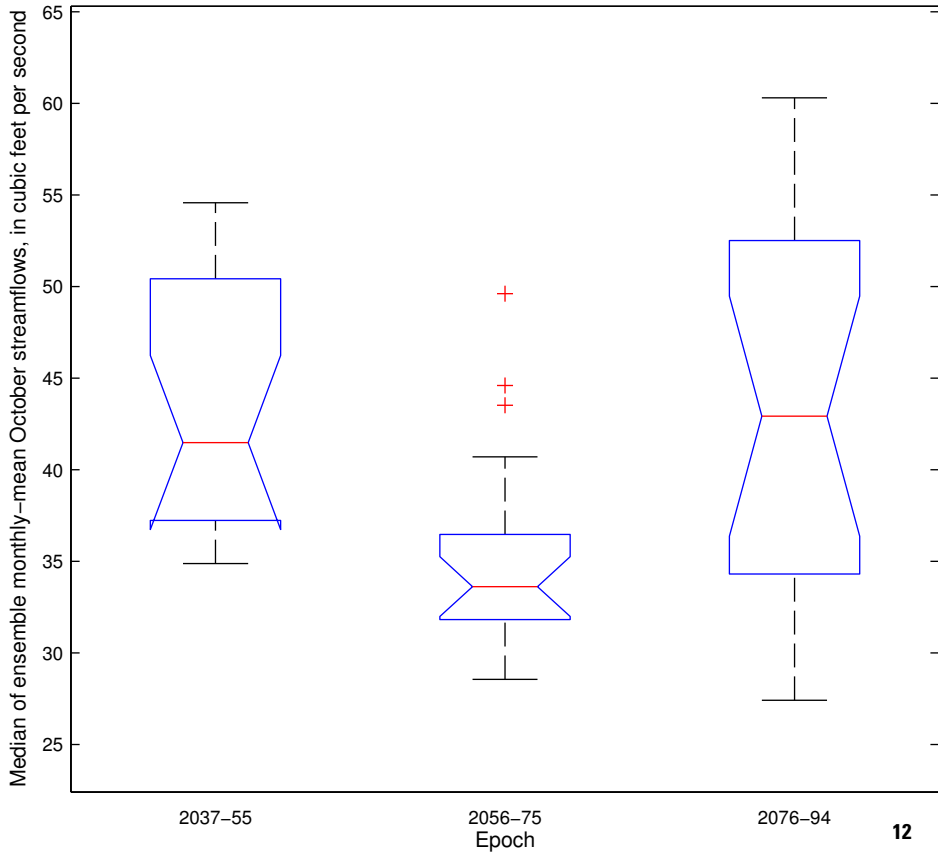
## AFRI – A2 Emission Simulation Results



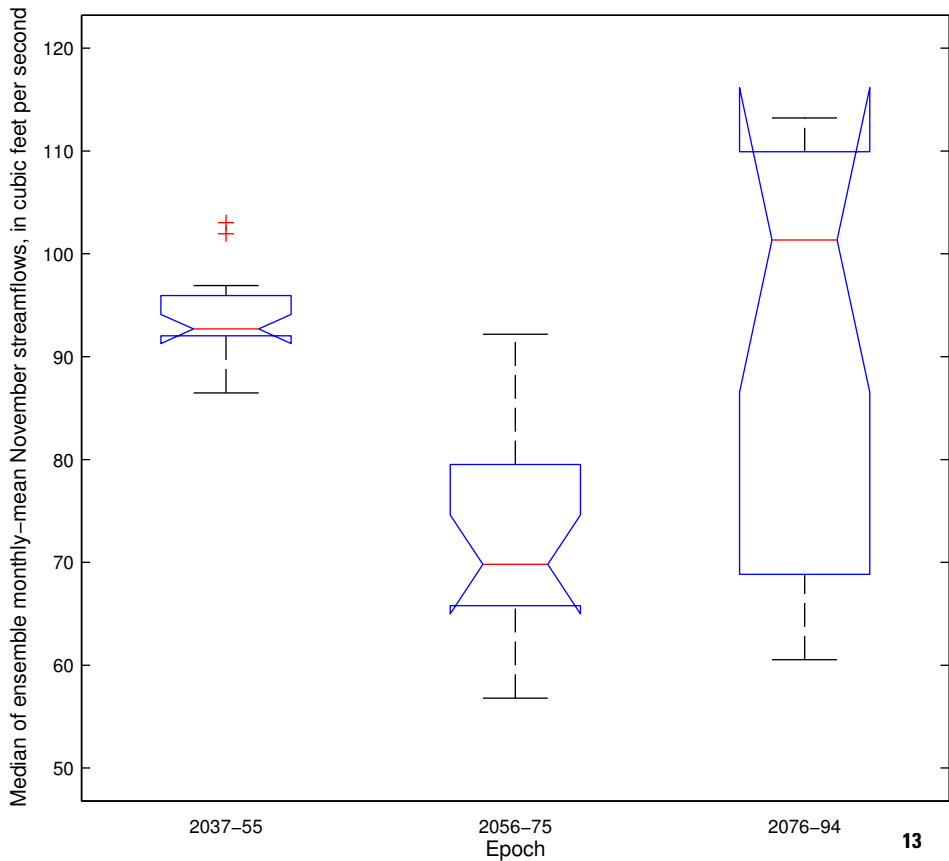
## AFRI – A2 Emission Simulation Results



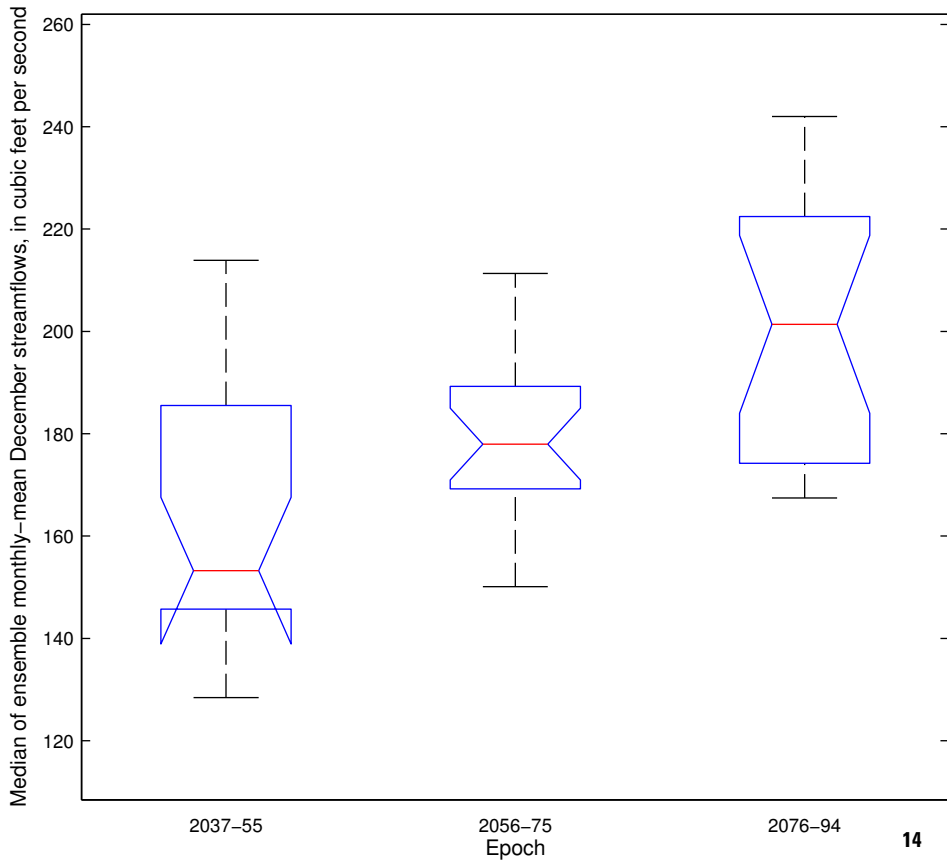
## AFRI – A2 Emission Simulation Results



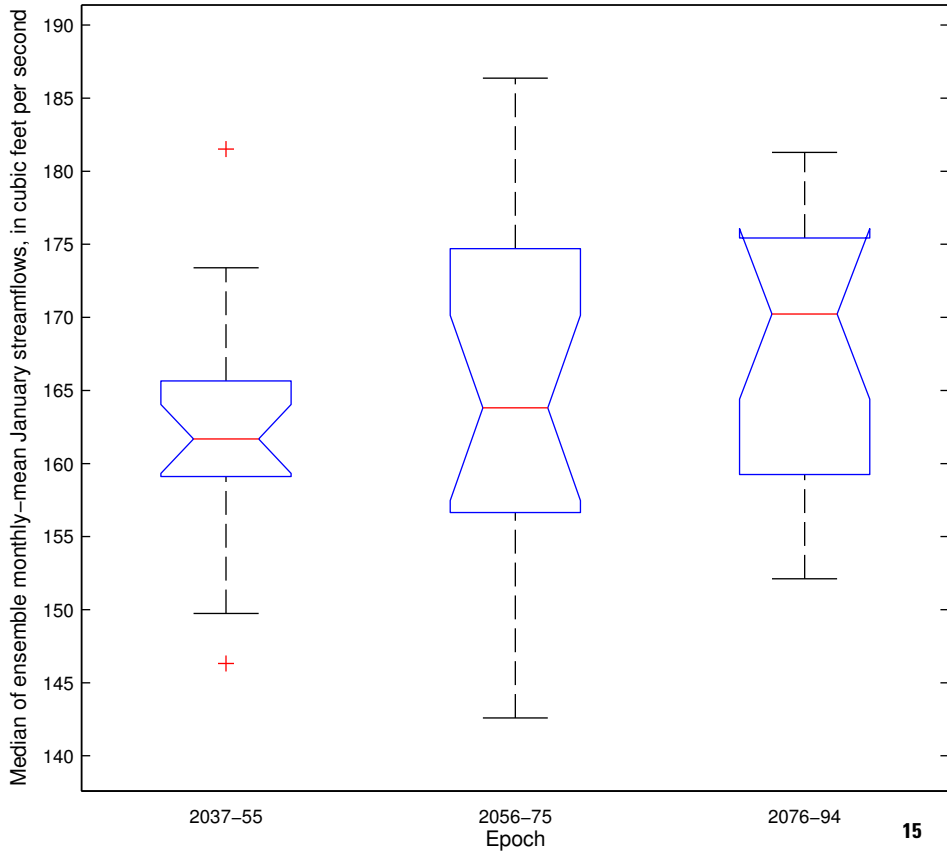
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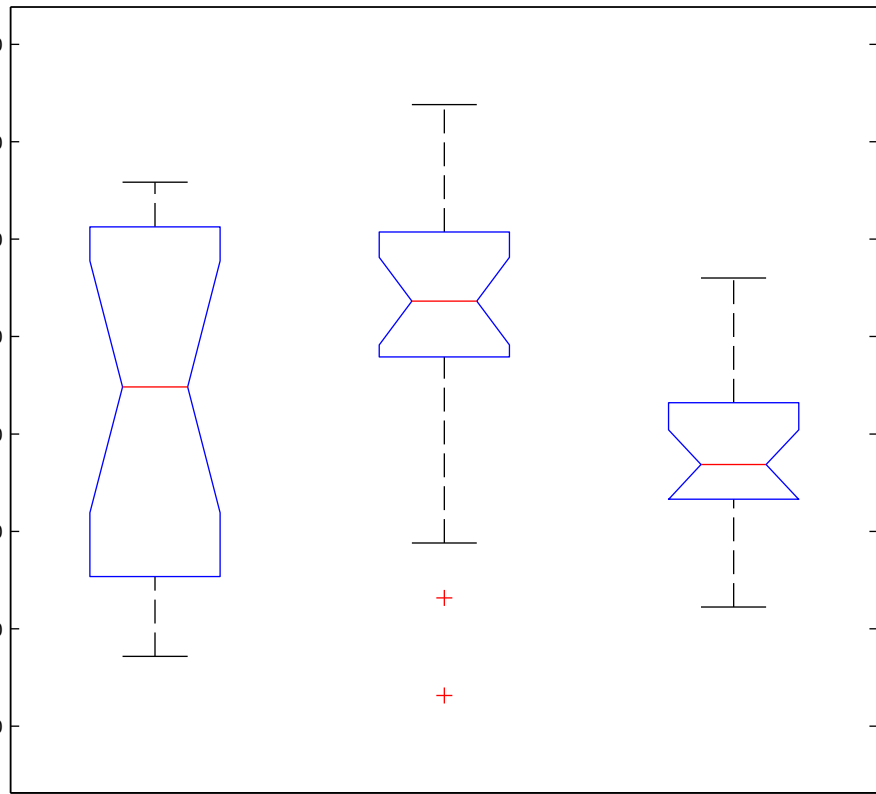


# AFRI – A1b Emission Simulation Results



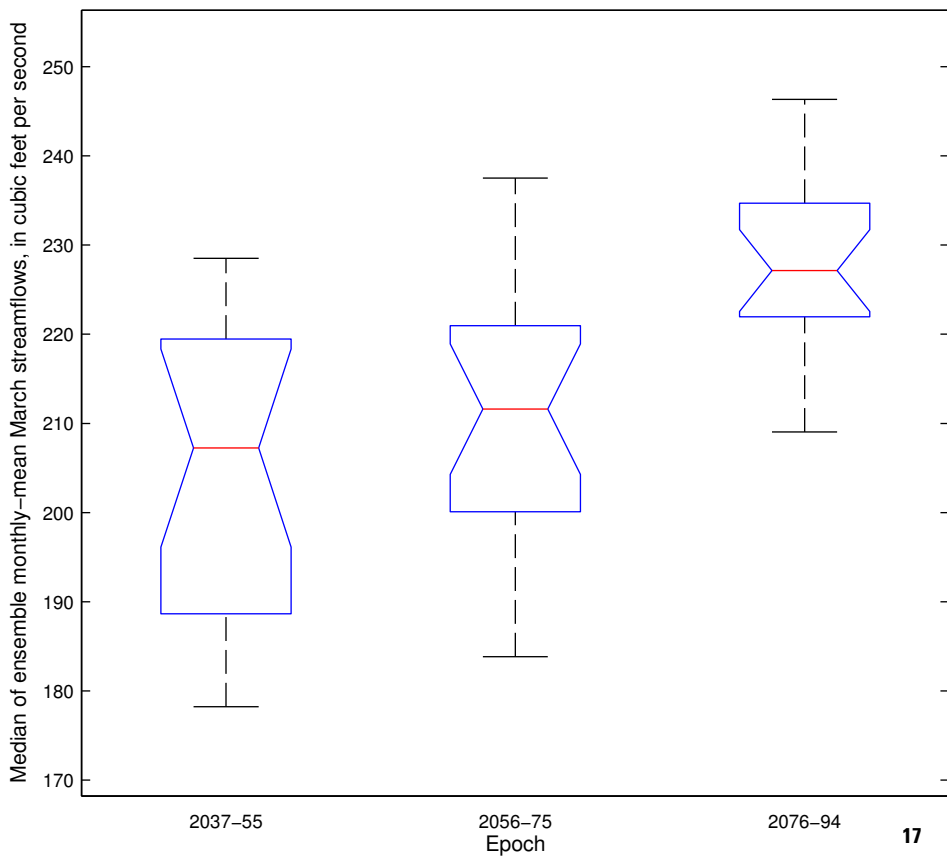
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Median of ensemble monthly-mean February streamflows, in cubic feet per second



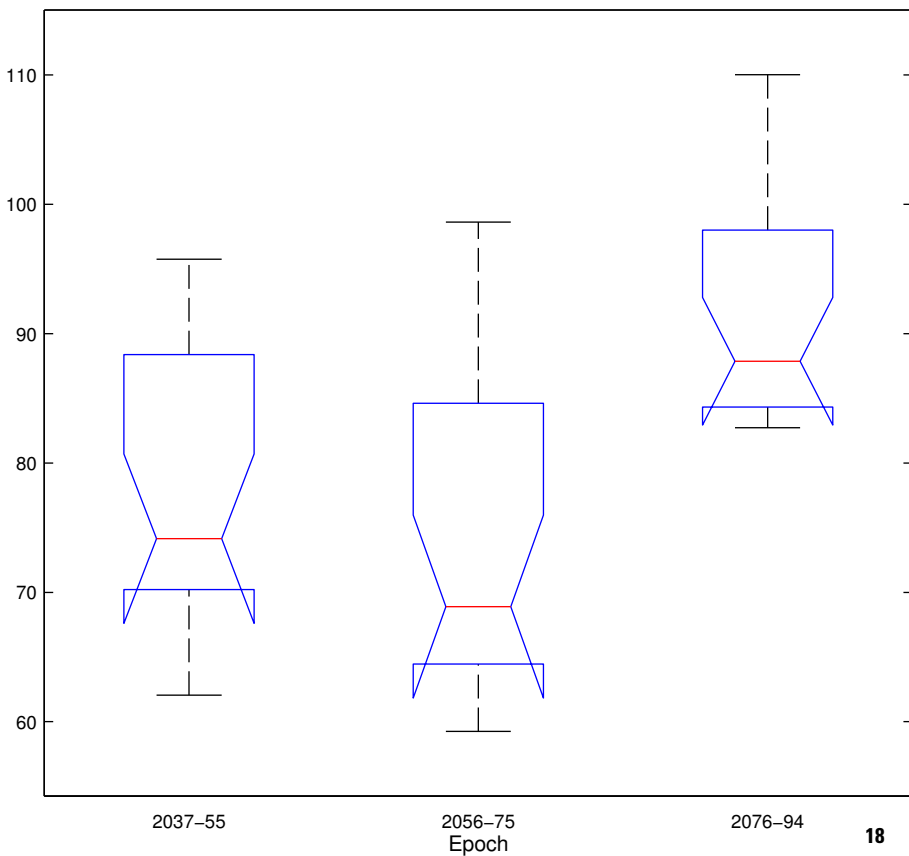


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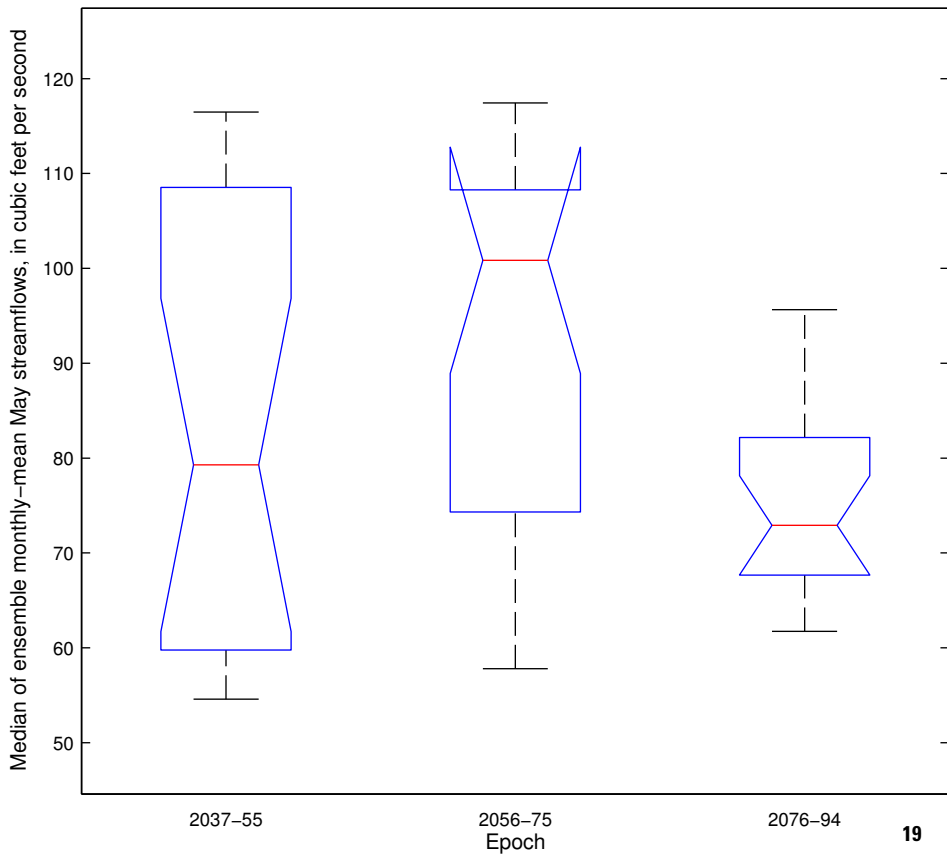


# AFRI – A1b Emission Simulation Results

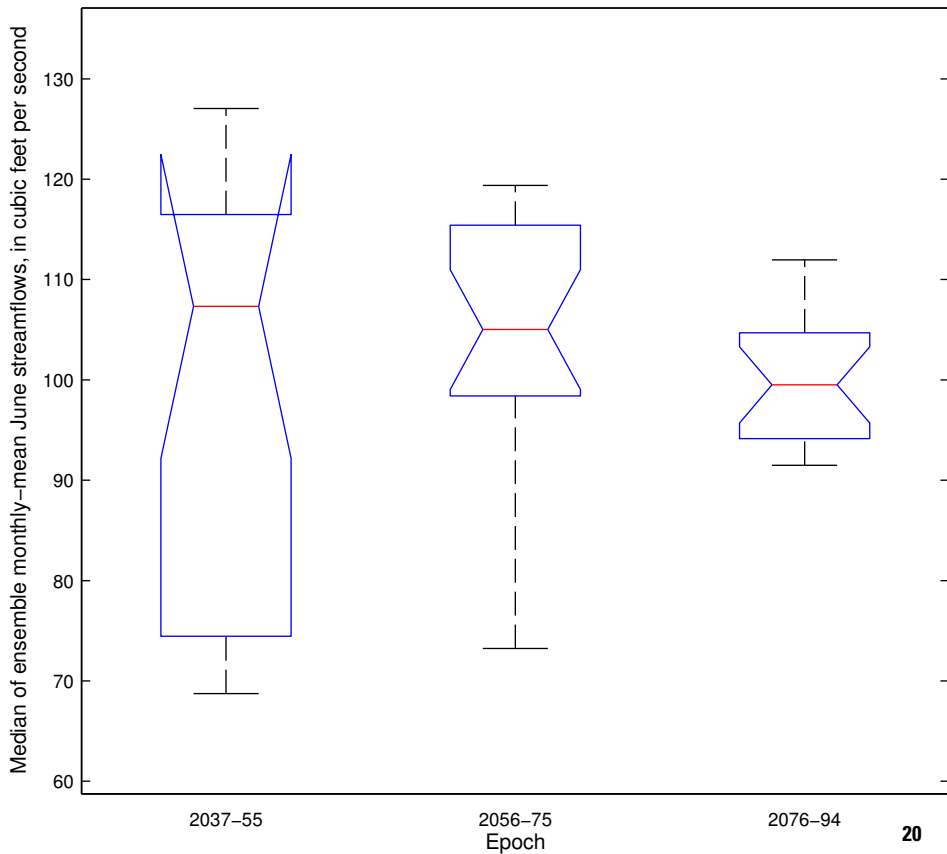
Median of ensemble monthly—mean April streamflows, in cubic feet per second



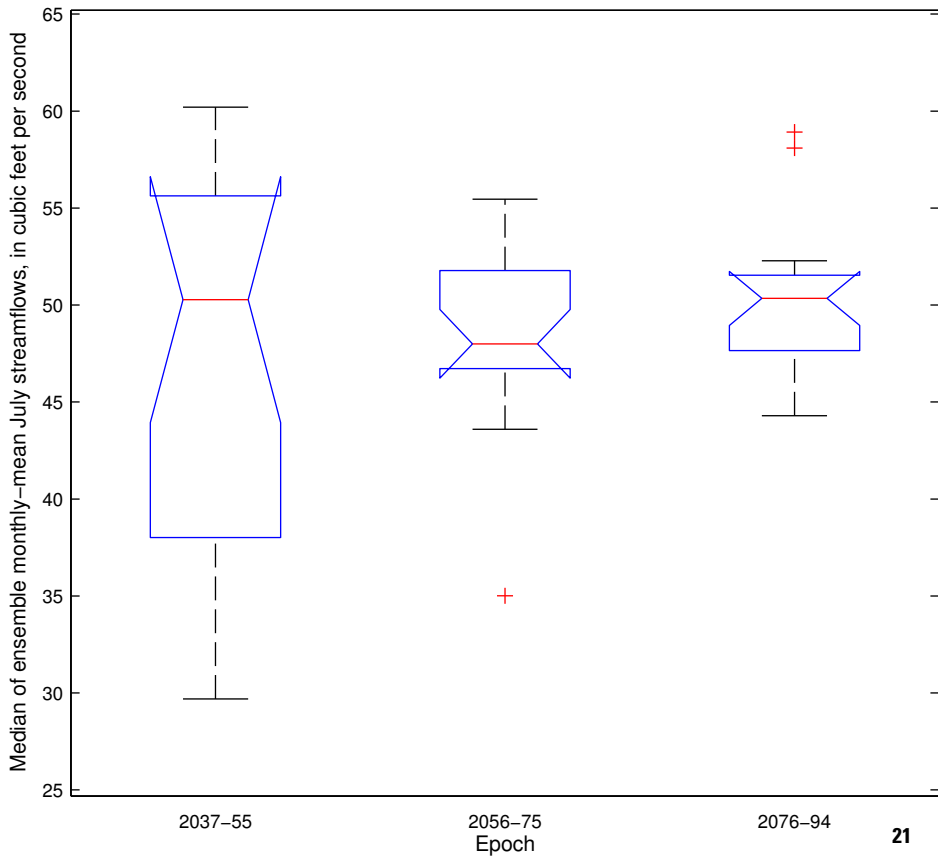
# AFRI – A1b Emission Simulation Results



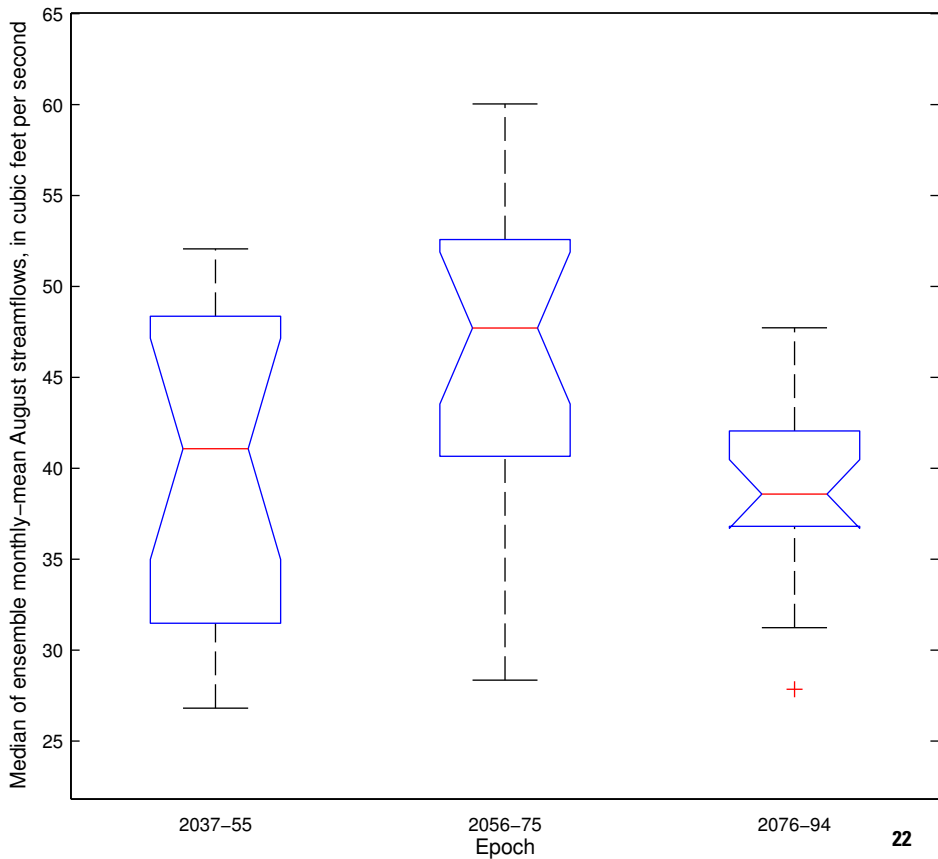
# AFRI – A1b Emission Simulation Results



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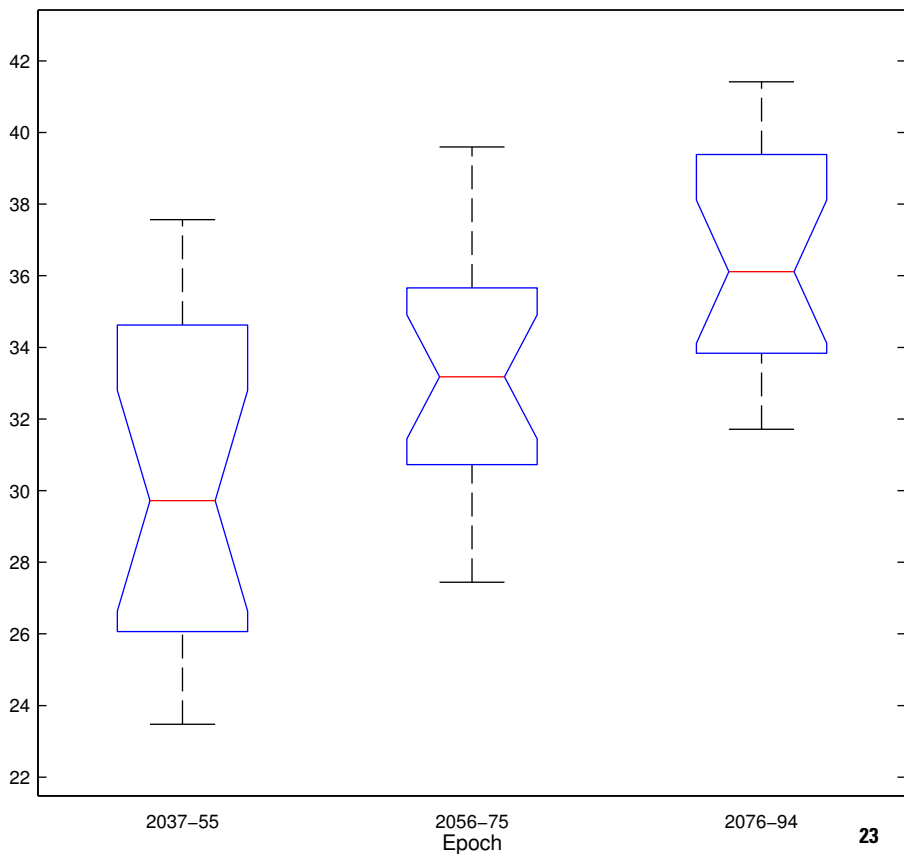


## AFRI – A1b Emission Simulation Results

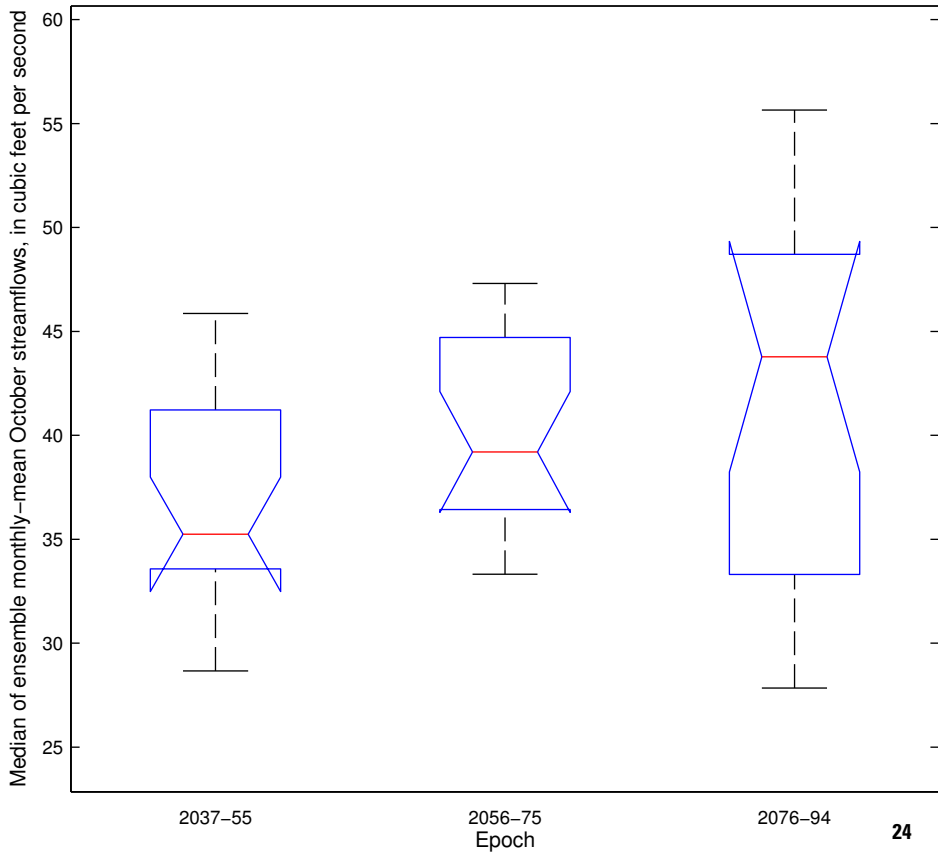


# AFRI – A1b Emission Simulation Results

Median of ensemble monthly-mean September streamflows, in cubic feet per second



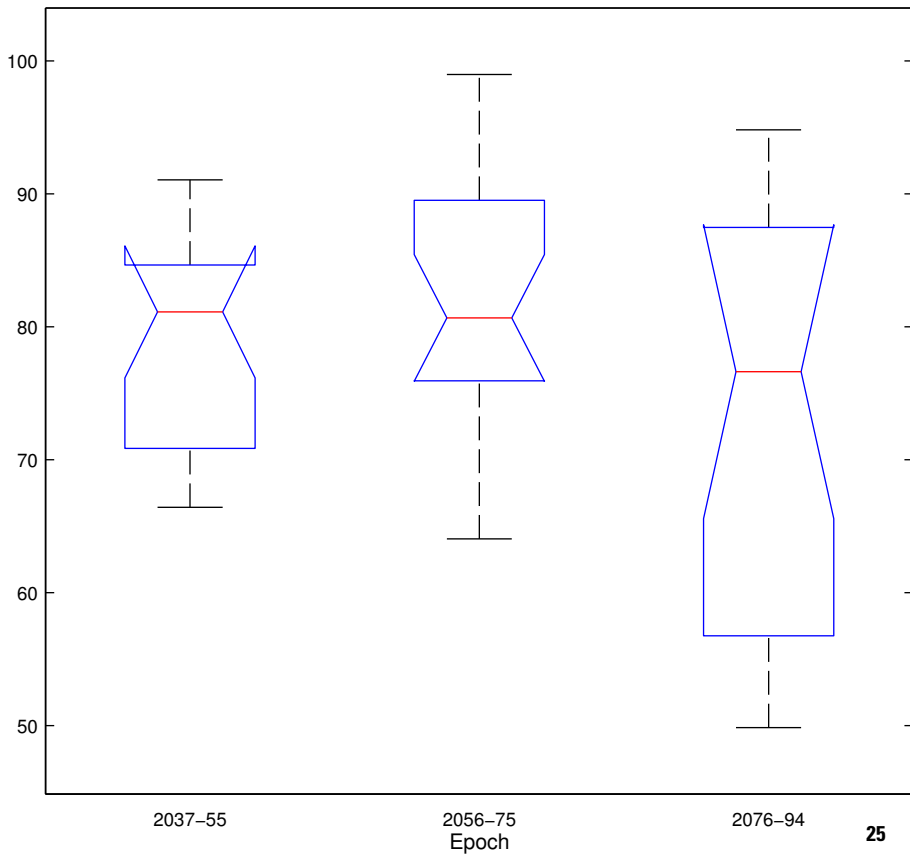
# AFRI – A1b Emission Simulation Results



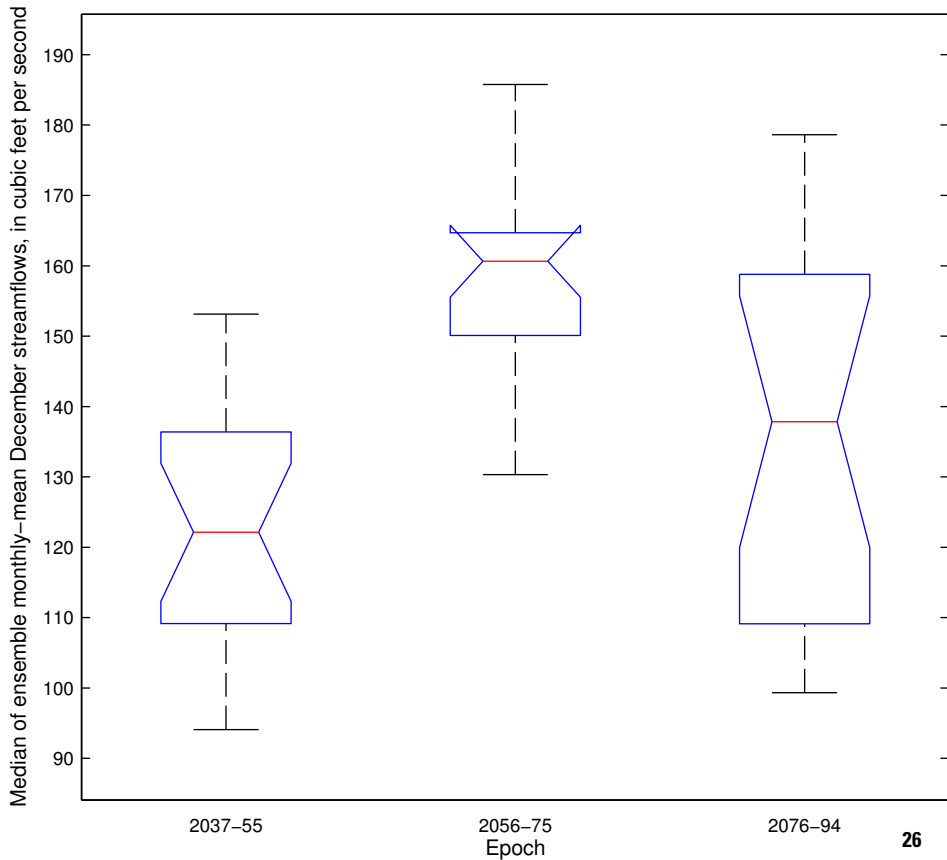


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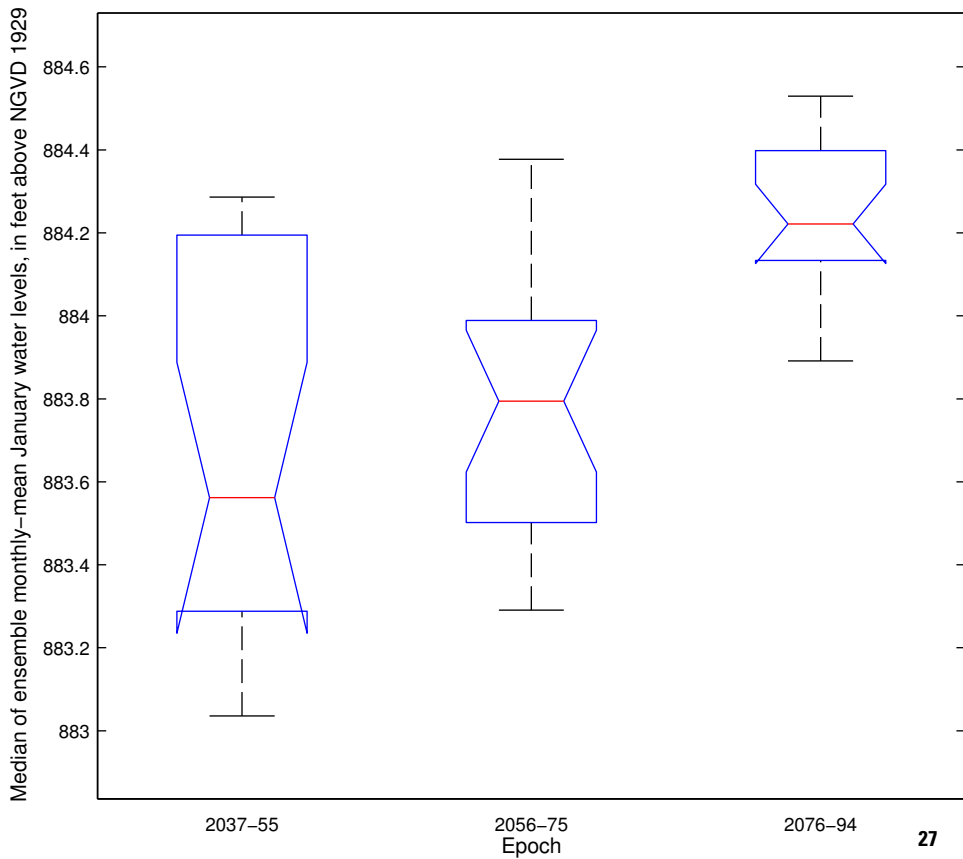
Median of ensemble monthly-mean November streamflows, in cubic feet per second



# AFRI – A1b Emission Simulation Results

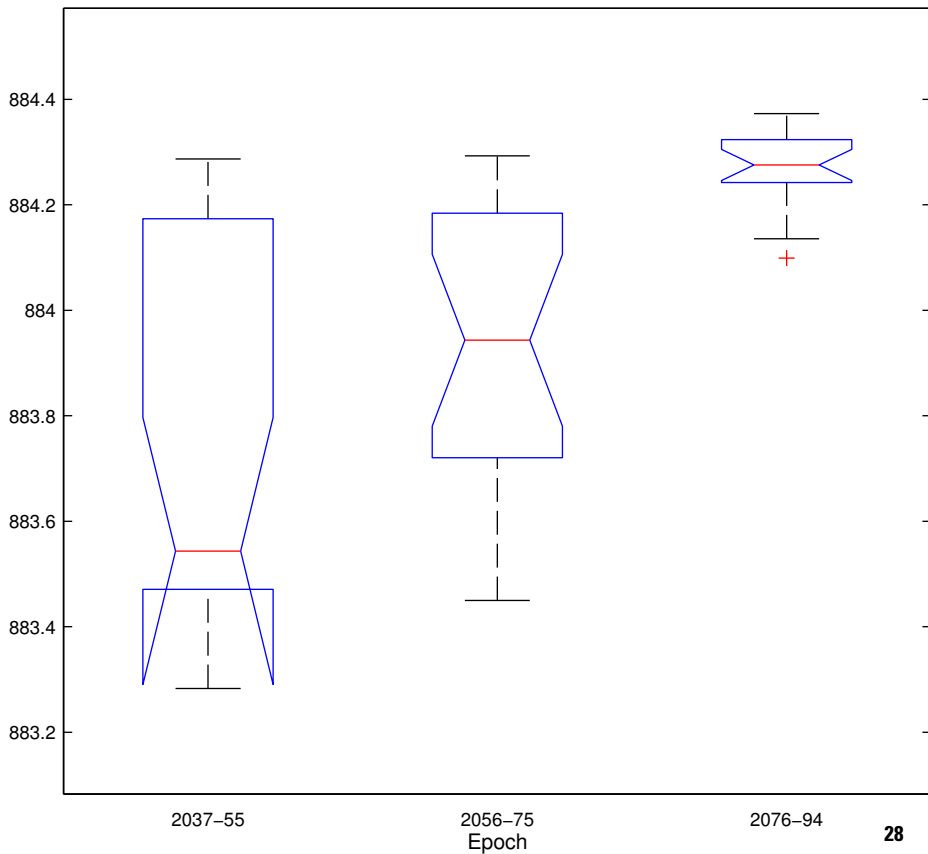


# ALUM – A2 Emission Simulation Results



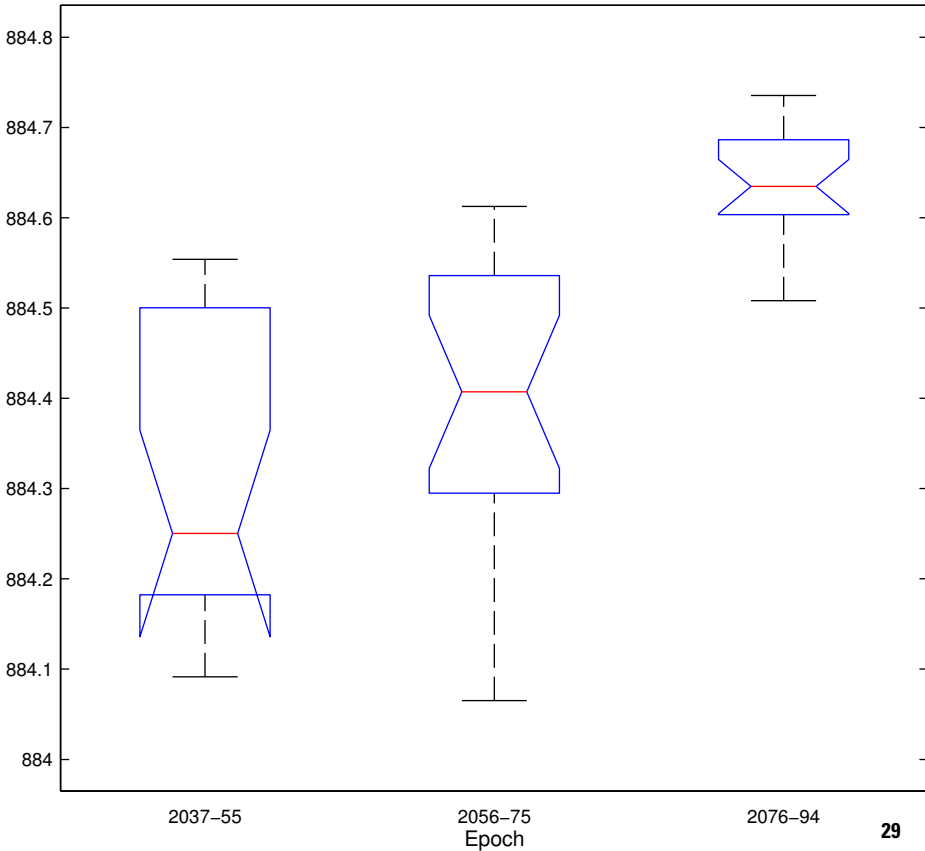
# ALUM – A2 Emission Simulation Results

Median of ensemble monthly–mean February water levels, in feet above NGVD 1929



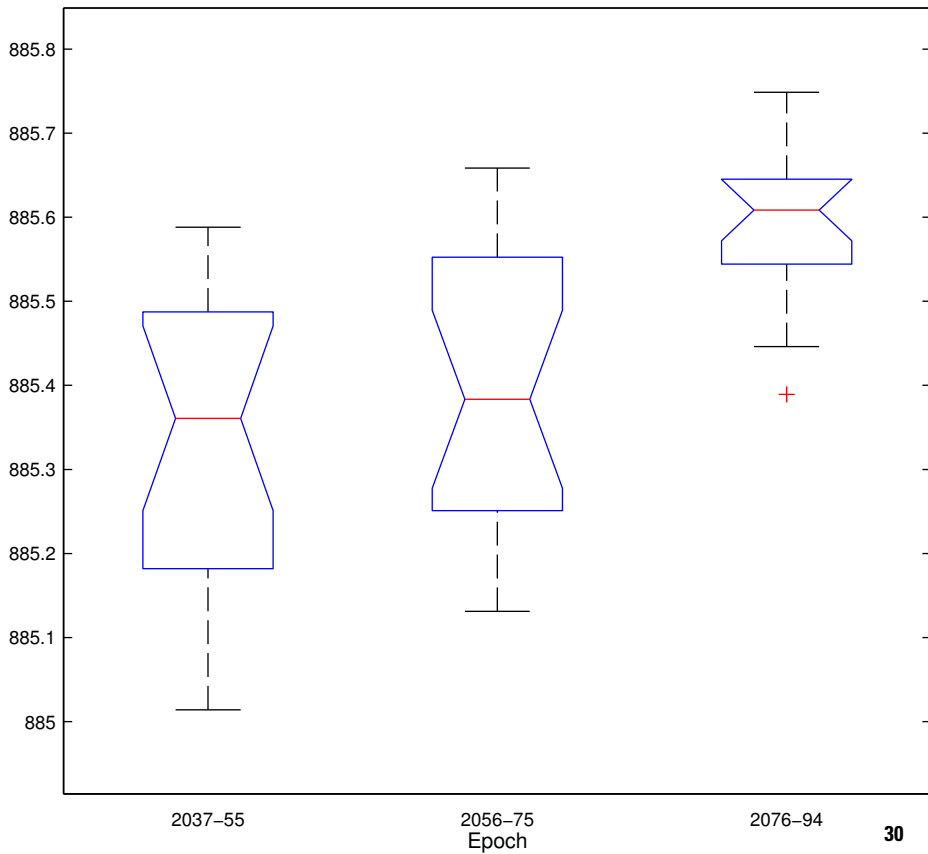
# ALUM – A2 Emission Simulation Results

Median of ensemble monthly–mean March water levels, in feet above NGVD 1929

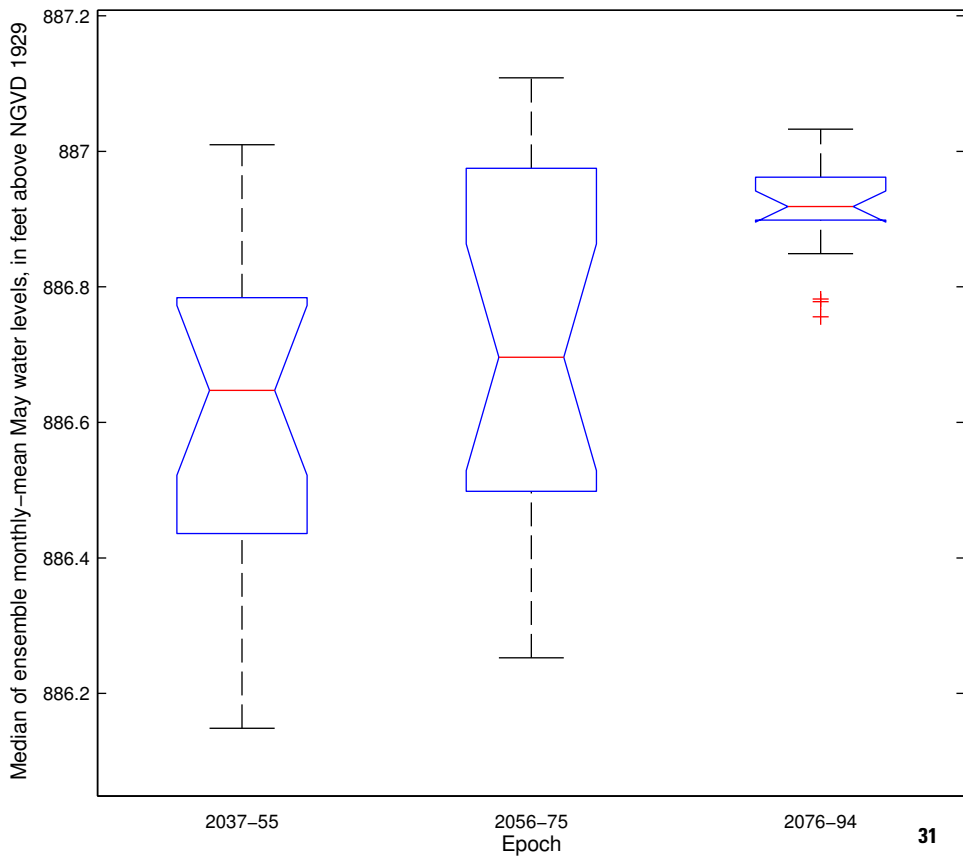


# ALUM – A2 Emission Simulation Results

Median of ensemble monthly-mean April water levels, in feet above NGVD 1929

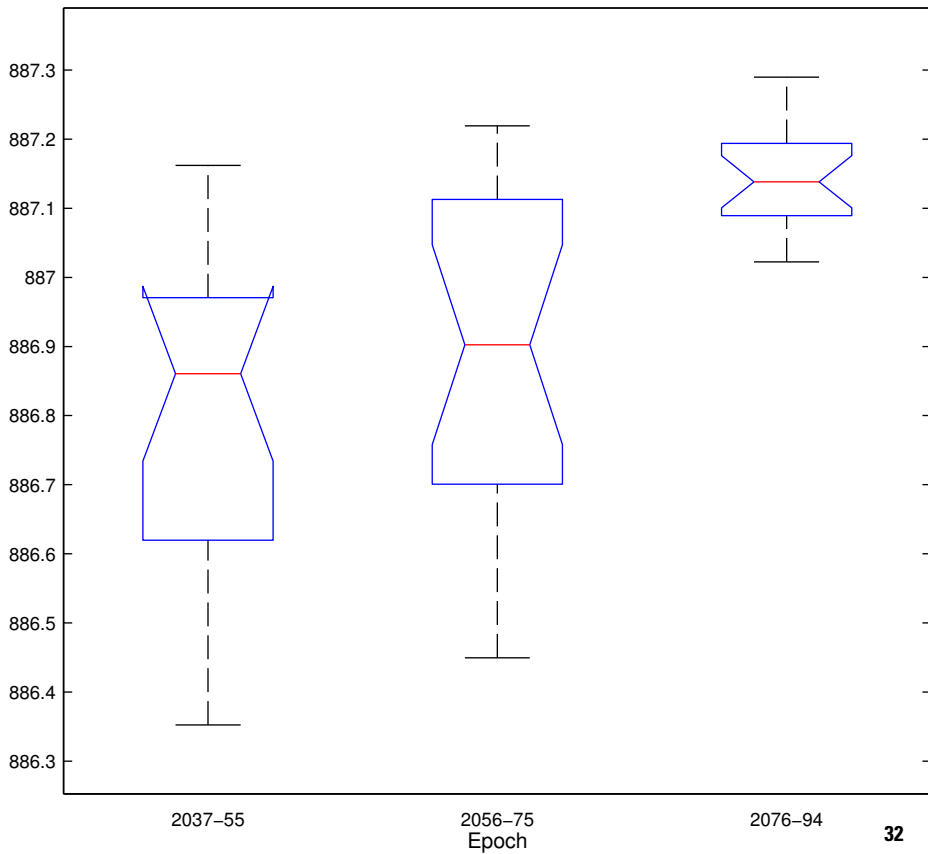


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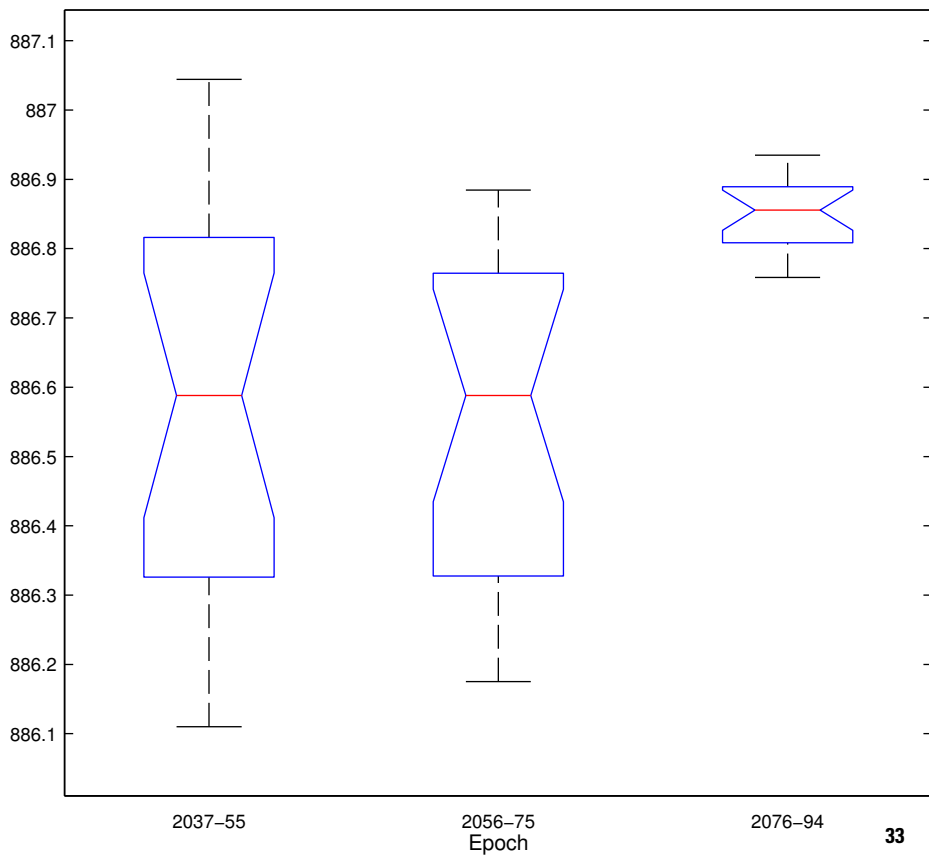
Median of ensemble monthly-mean June water levels, in feet above NGVD 1929





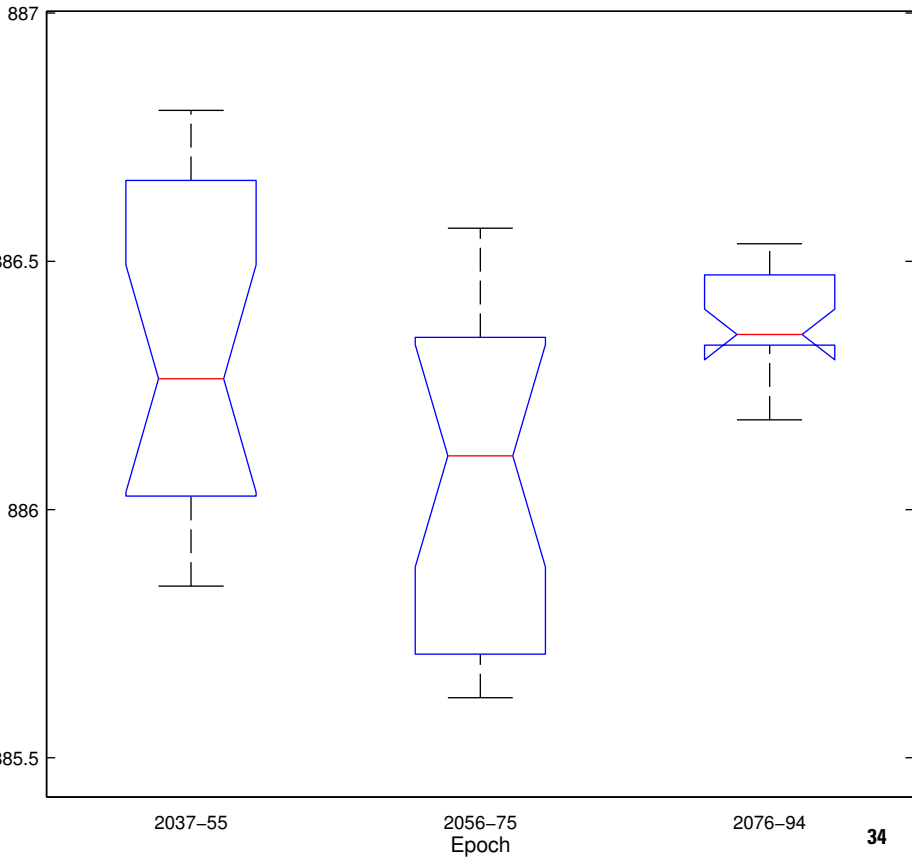
# ALUM – A2 Emission Simulation Results

Median of ensemble monthly-mean July water levels, in feet above NGVD 1929



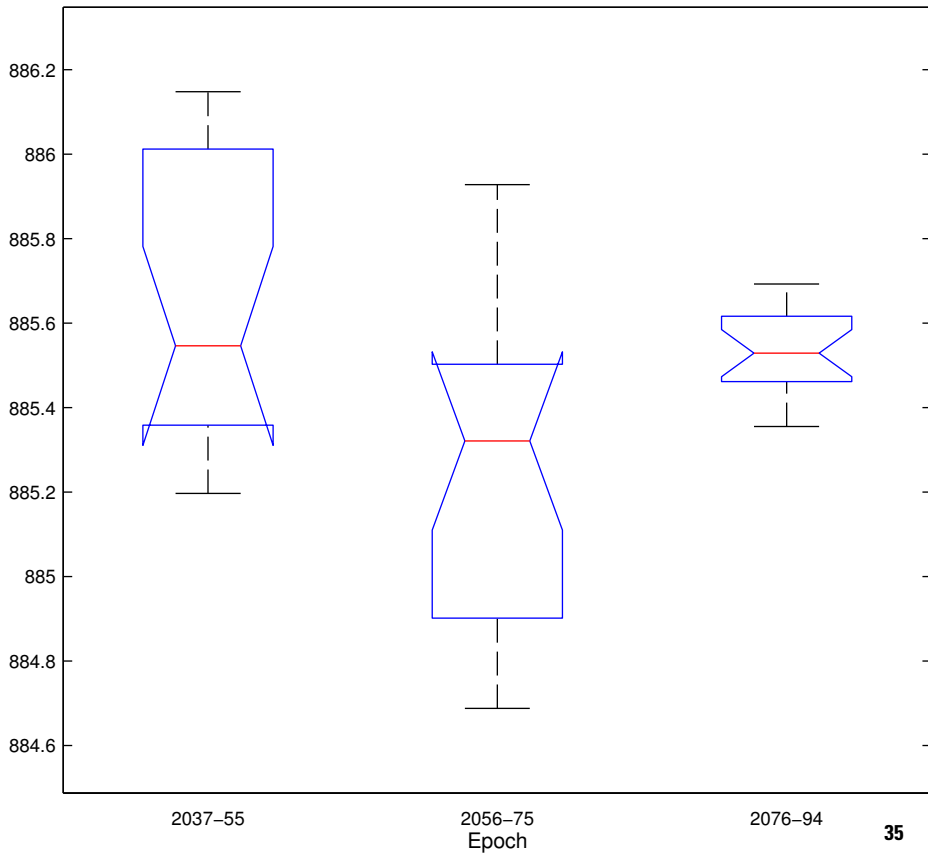
# ALUM – A2 Emission Simulation Results

Median of ensemble monthly–mean August water levels, in feet above NGVD 1929



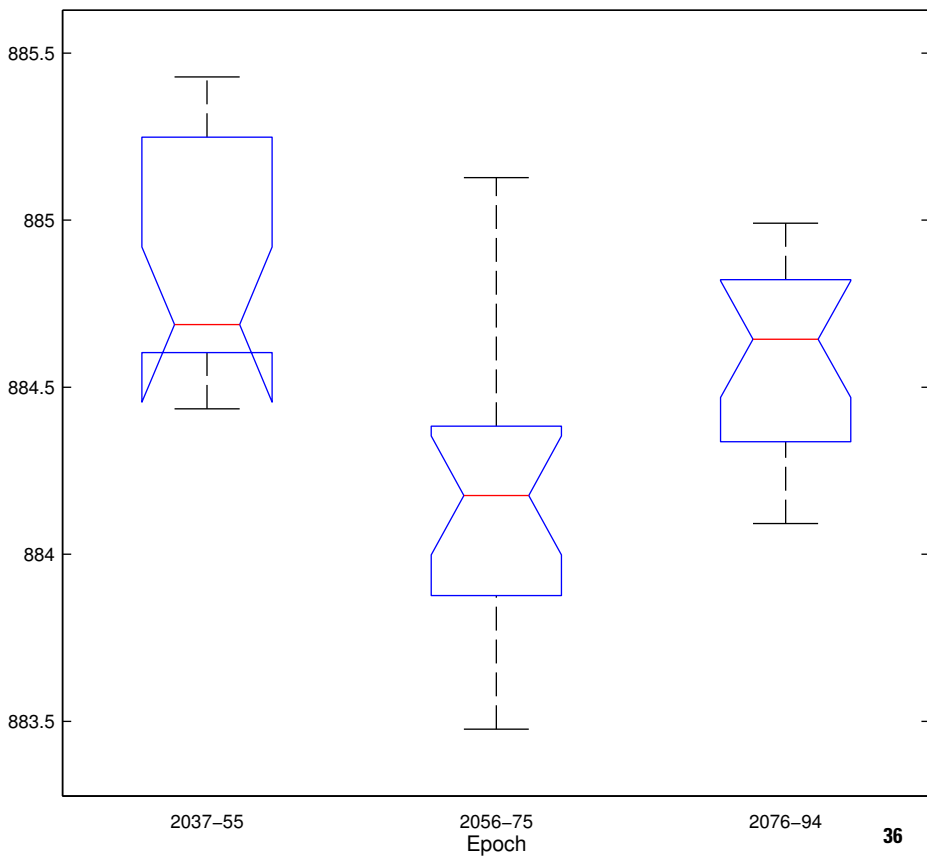
# ALUM – A2 Emission Simulation Results

Median of ensemble monthly-mean September water levels, in feet above NGVD 1929



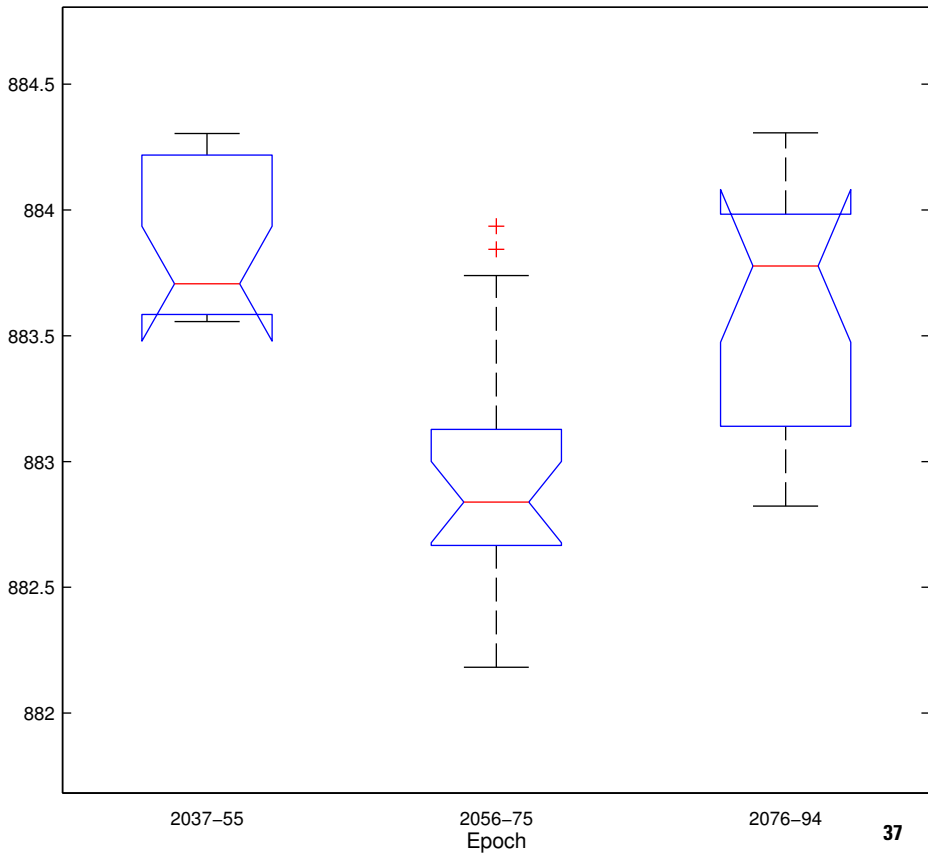
# ALUM – A2 Emission Simulation Results

Median of ensemble monthly-mean October water levels, in feet above NGVD 1929



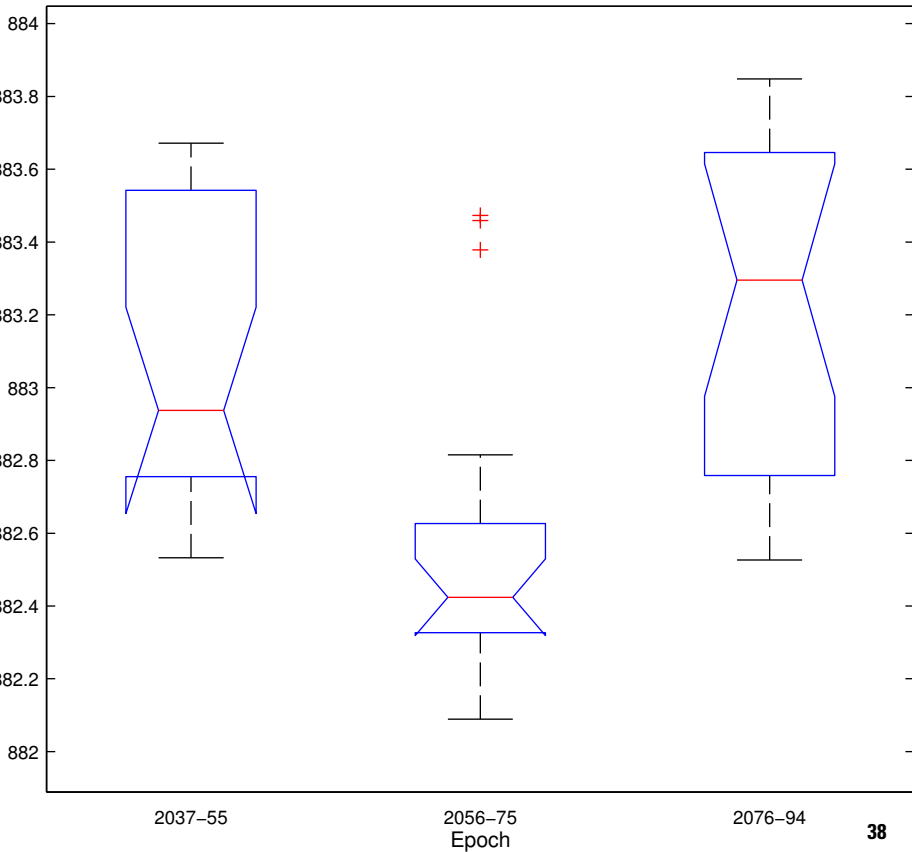
# ALUM – A2 Emission Simulation Results

Median of ensemble monthly-mean November water levels, in feet above NGVD 1929

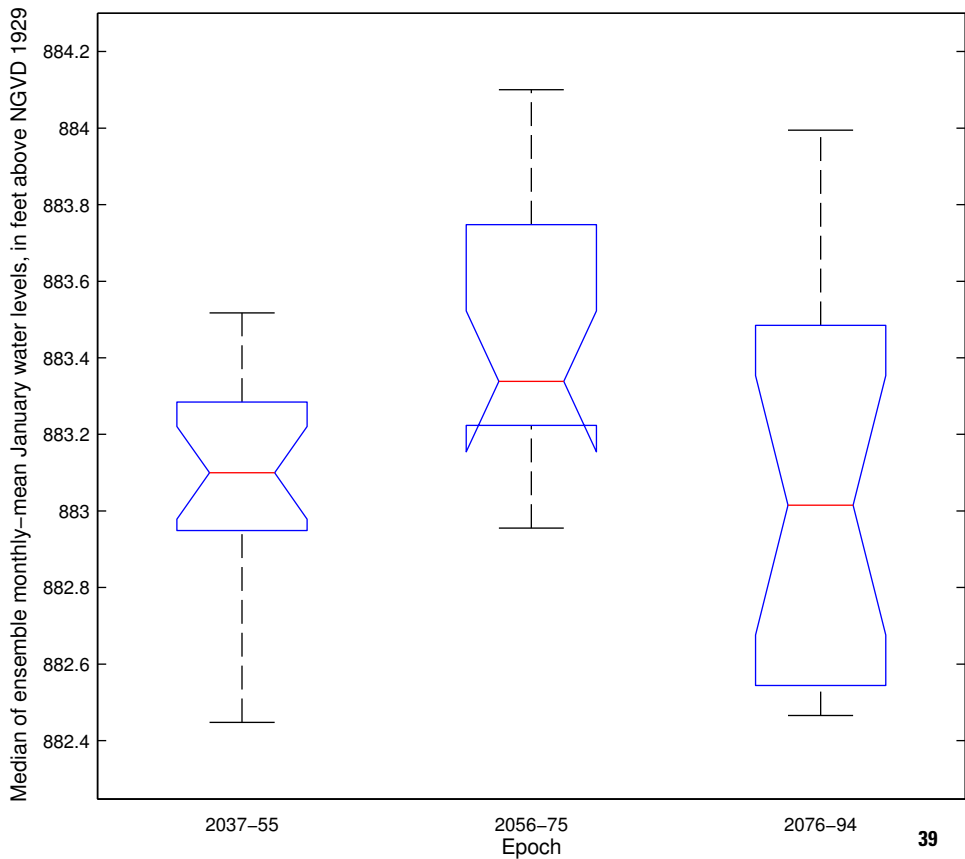


# ALUM – A2 Emission Simulation Results

Median of ensemble monthly-mean December water levels, in feet above NGVD 1929

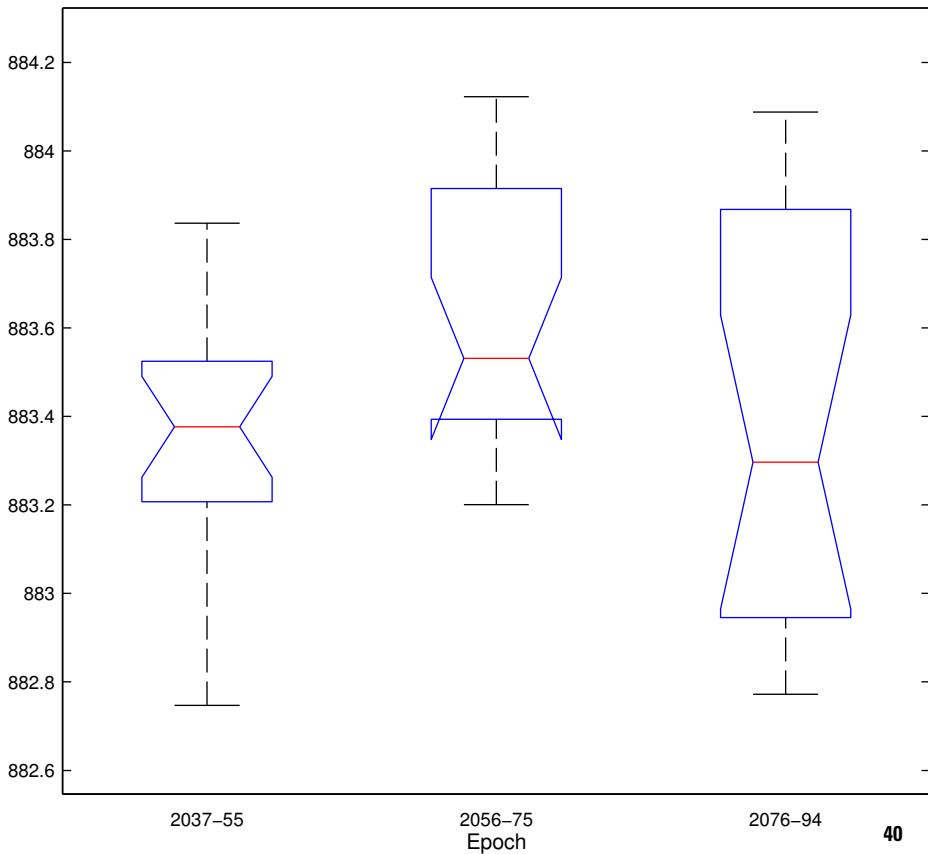


# ALUM – A1b Emission Simulation Results



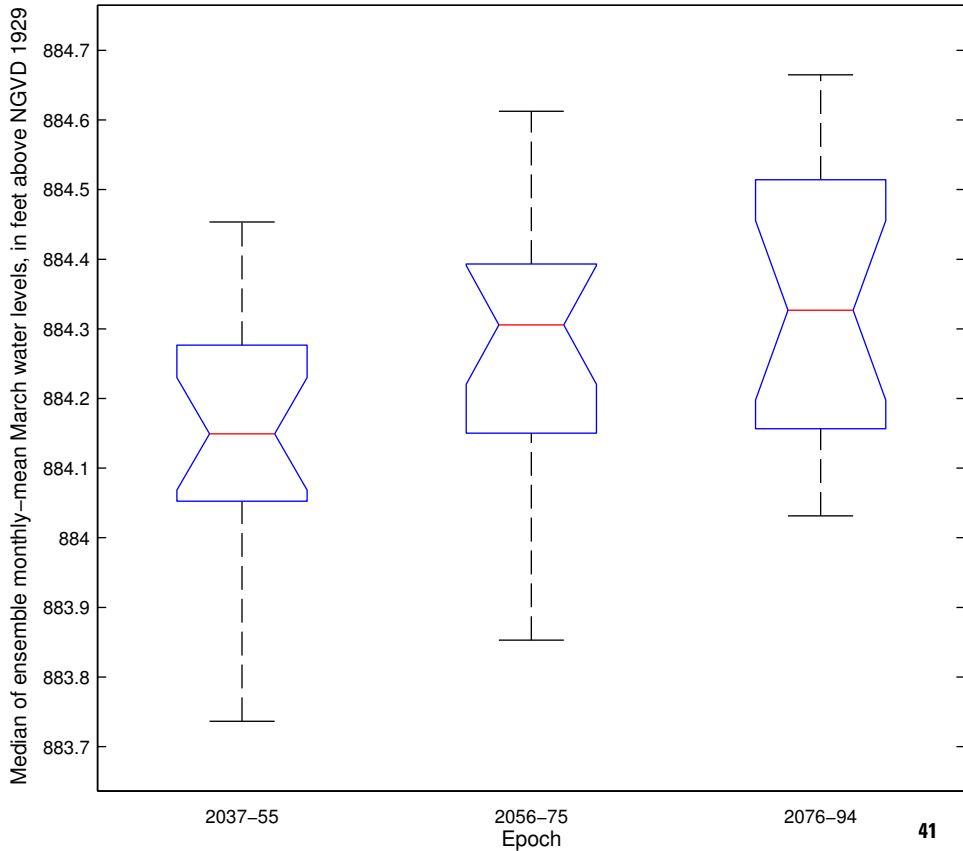
# ALUM – A1b Emission Simulation Results

Median of ensemble monthly-mean February water levels, in feet above NGVD 1929



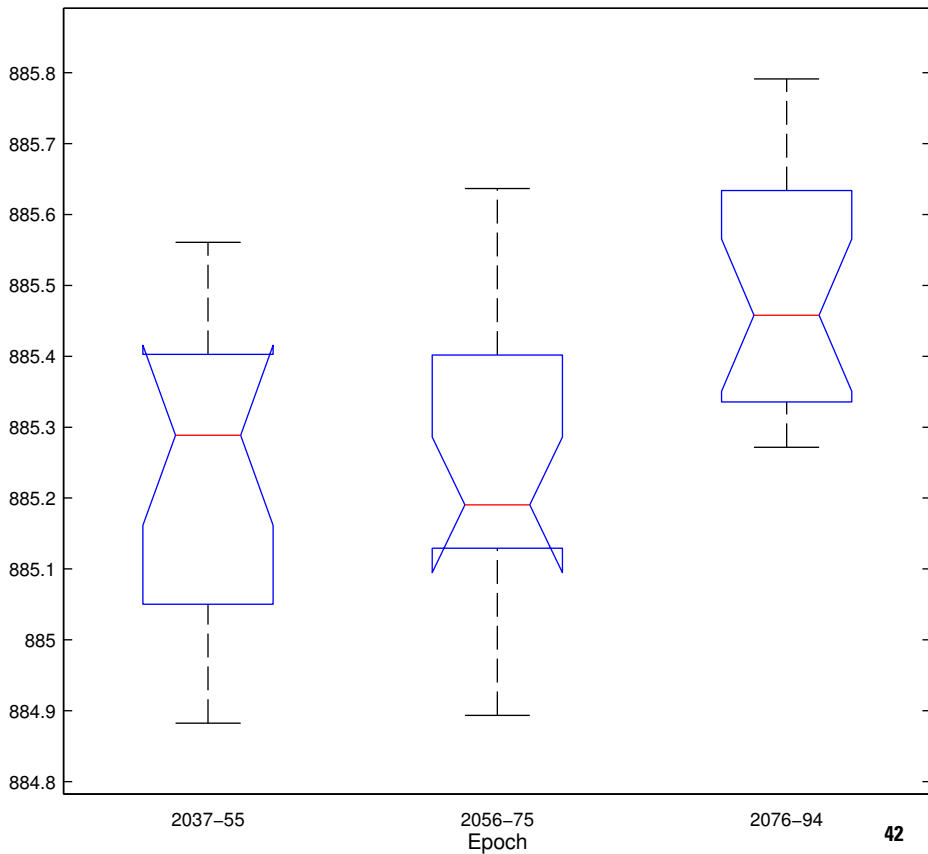


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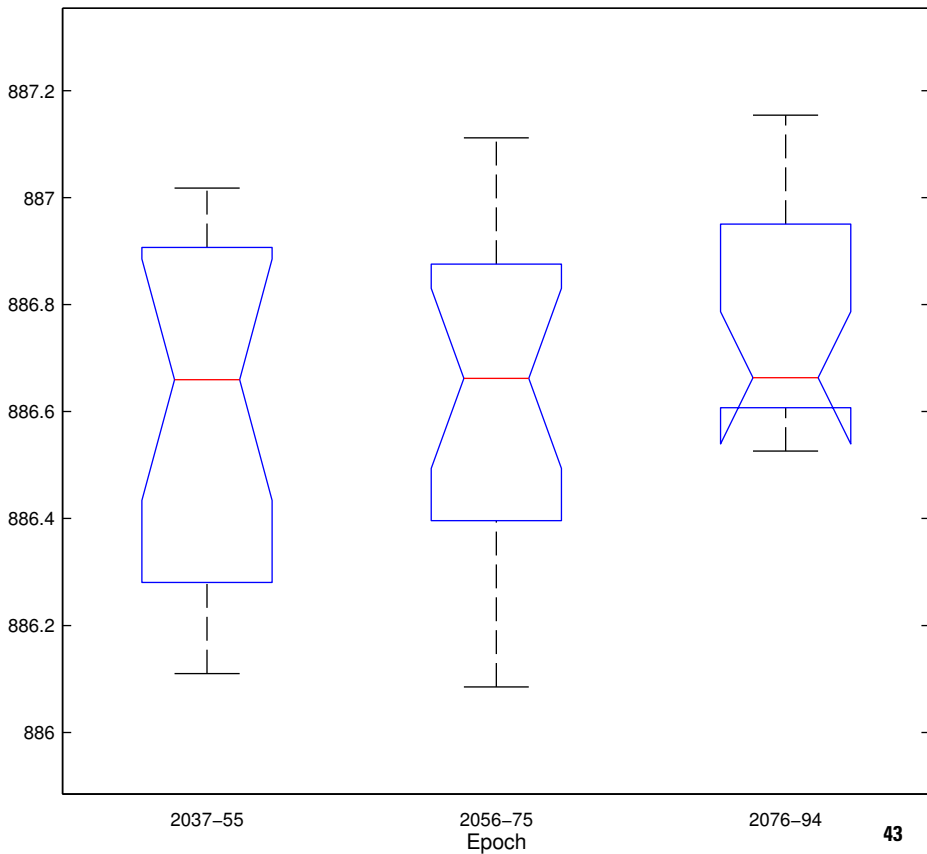
# ALUM – A1b Emission Simulation Results

Median of ensemble monthly-mean April water levels, in feet above NGVD 1929



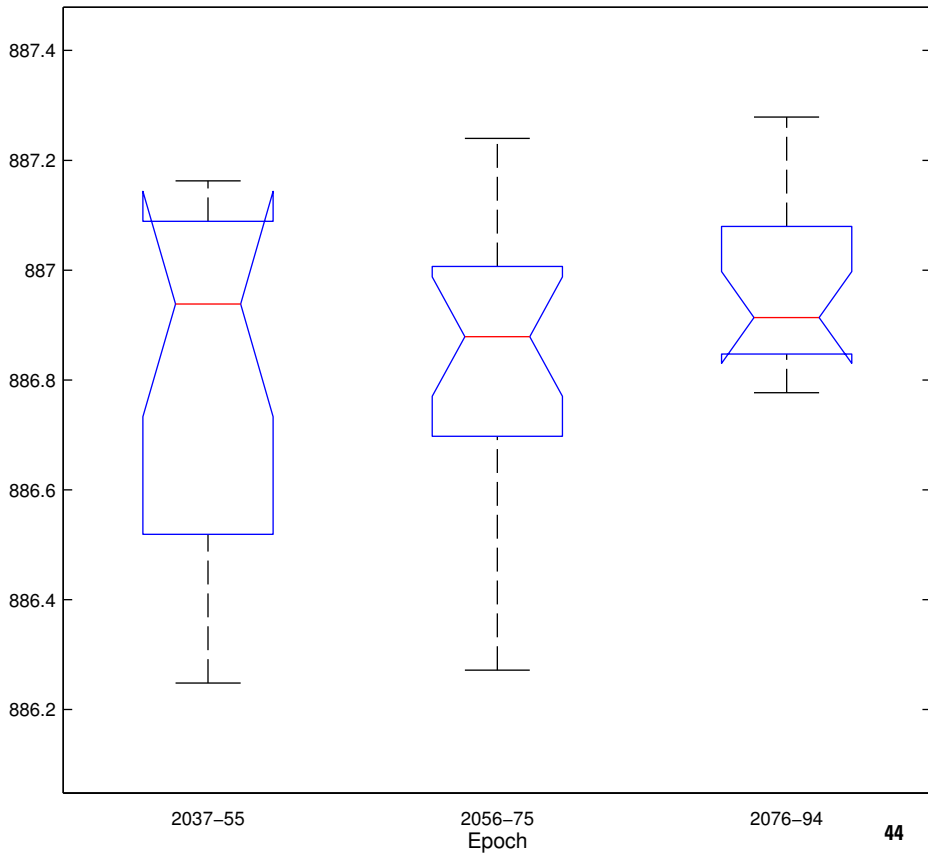
## ALUM – A1b Emission Simulation Results

Median of ensemble monthly-mean May water levels, in feet above NGVD 1929



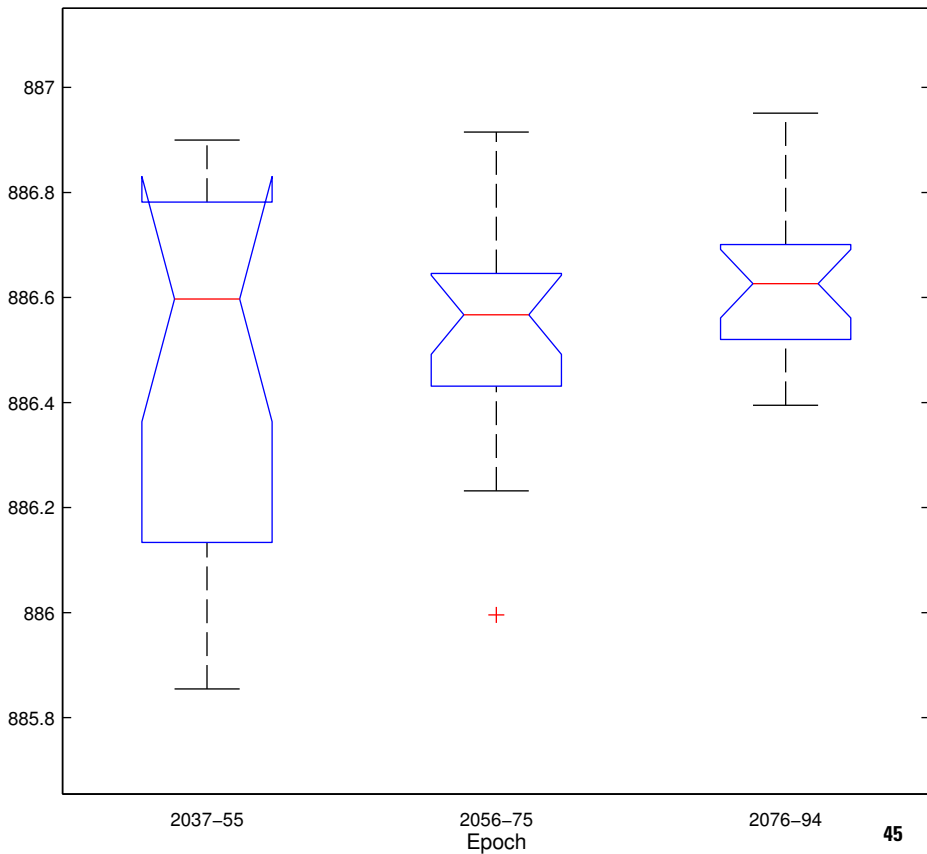
# ALUM – A1b Emission Simulation Results

Median of ensemble monthly-mean June water levels, in feet above NGVD 1929



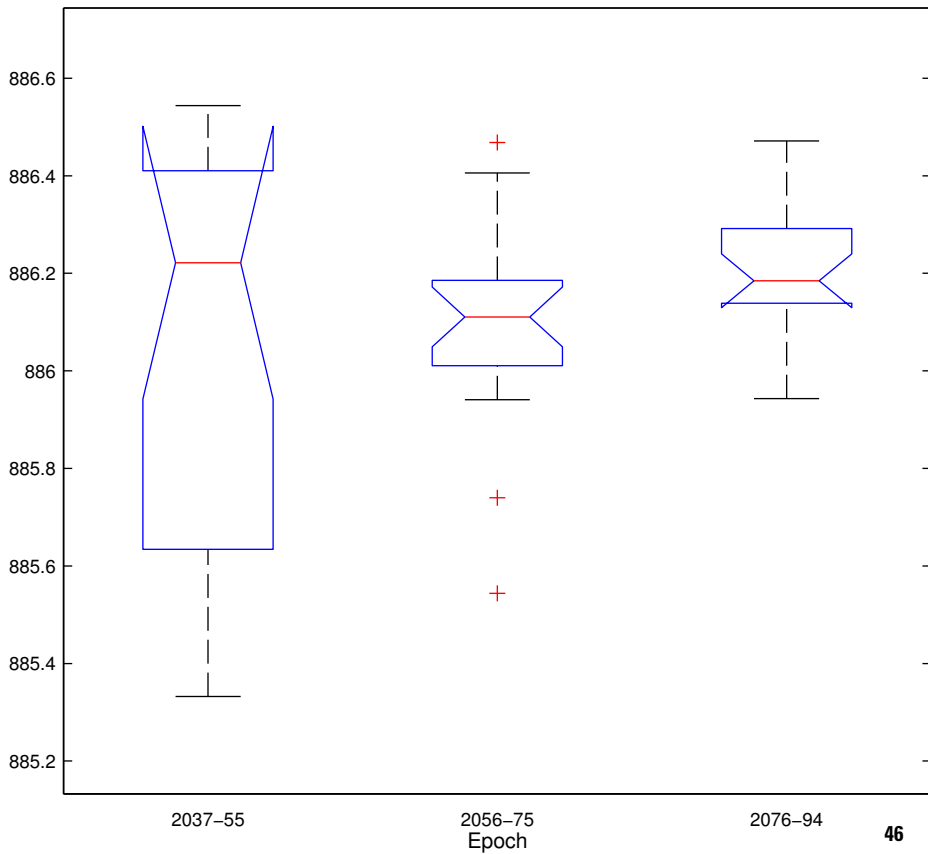
# ALUM – A1b Emission Simulation Results

Median of ensemble monthly-mean July water levels, in feet above NGVD 1929



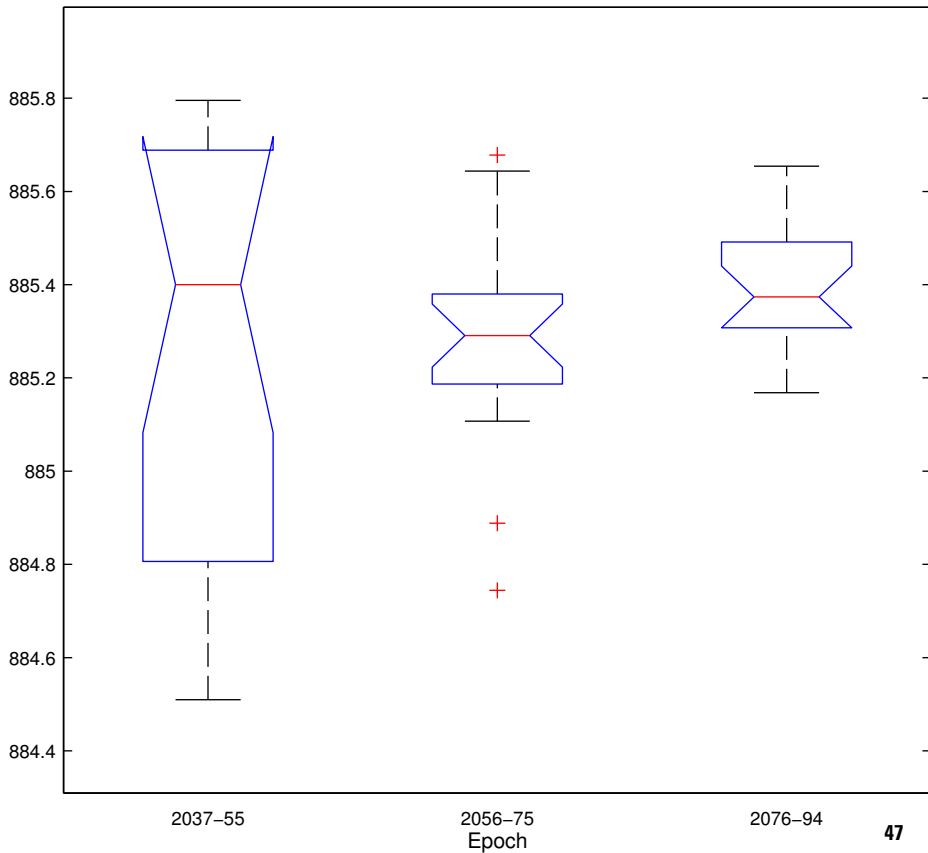
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Median of ensemble monthly-mean August water levels, in feet above NGVD 1929



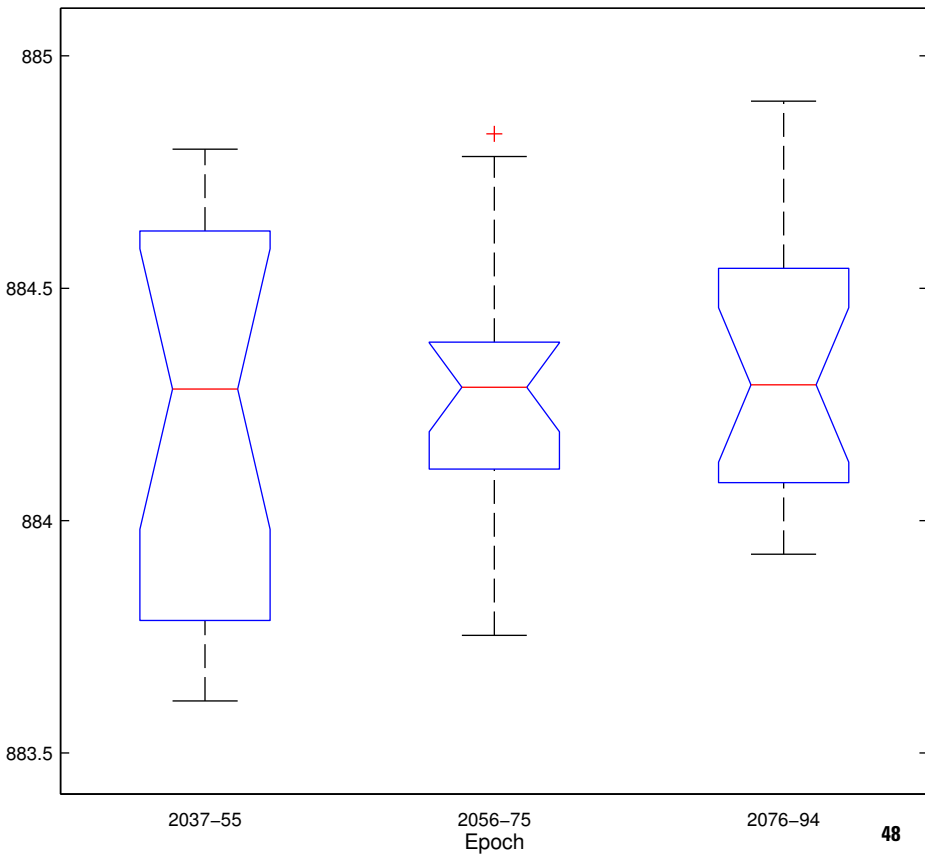
# ALUM – A1b Emission Simulation Results

Median of ensemble monthly-mean September water levels, in feet above NGVD 1929



# ALUM – A1b Emission Simulation Results

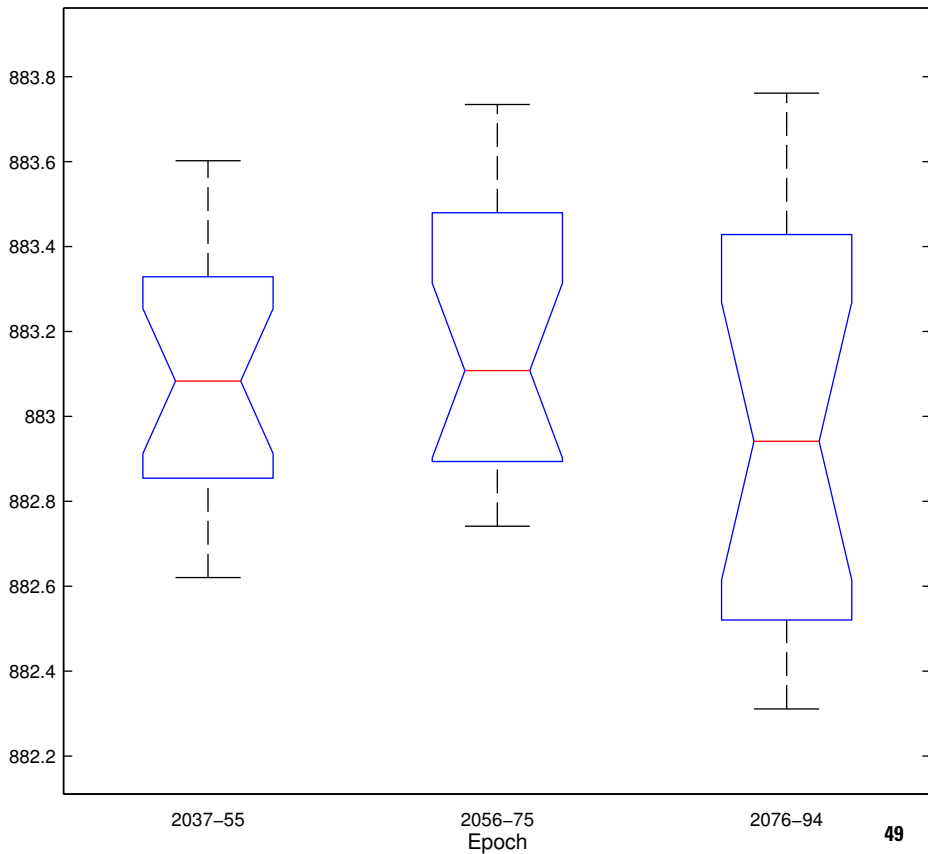
Median of ensemble monthly-mean October water levels, in feet above NGVD 1929





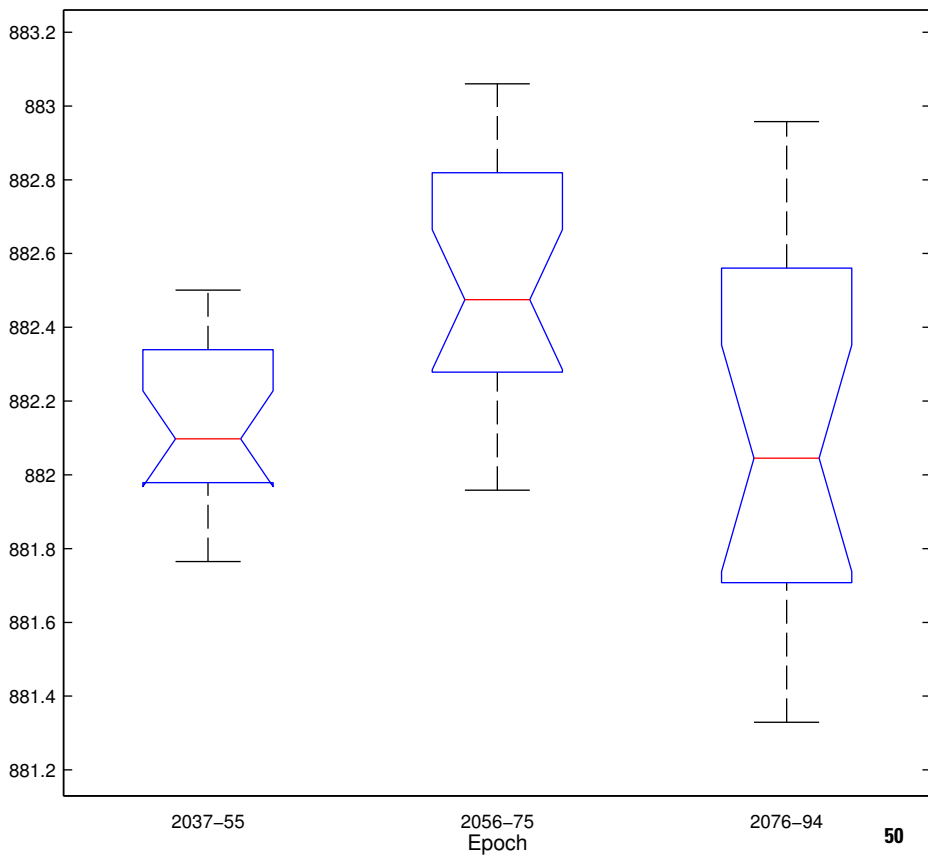
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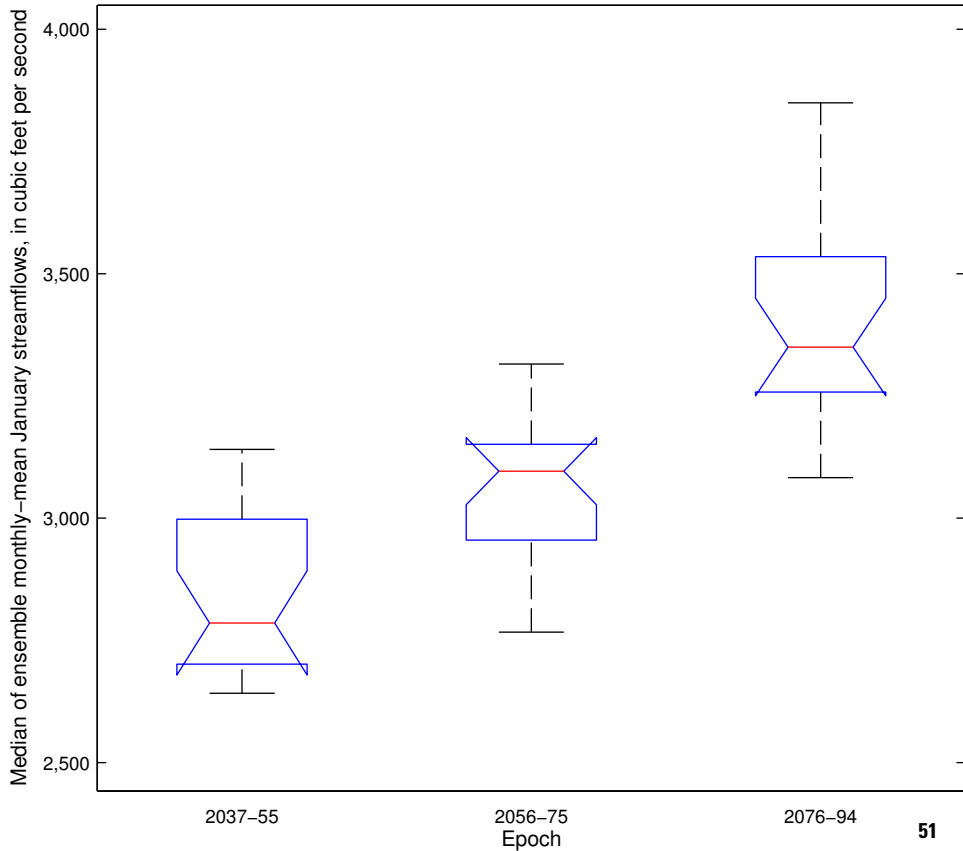


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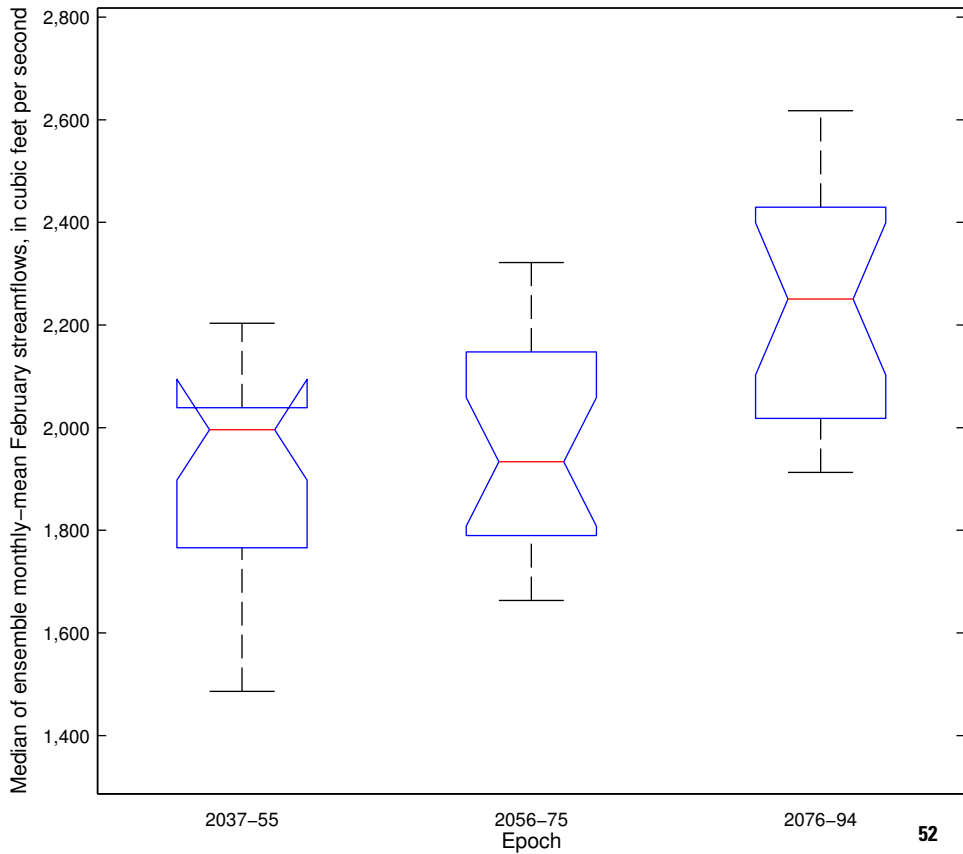
Median of ensemble monthly-mean December water levels, in feet above NGVD 1929



# CBUS – A2 Emission Simulation Results

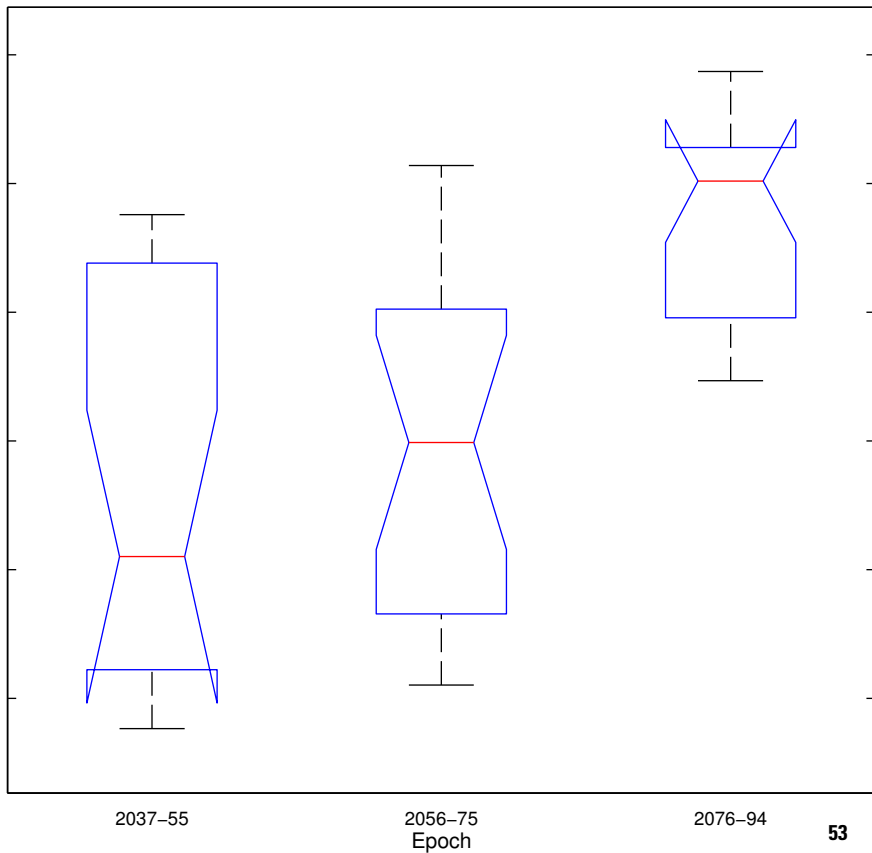


## CBUS – A2 Emission Simulation Results

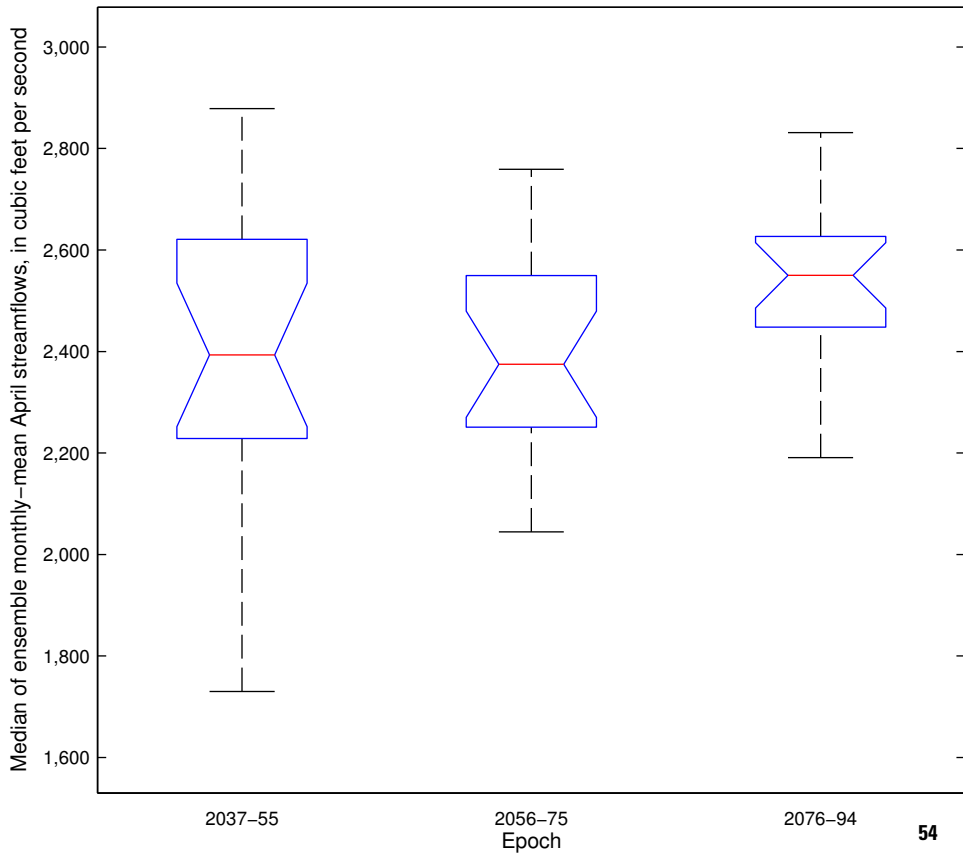


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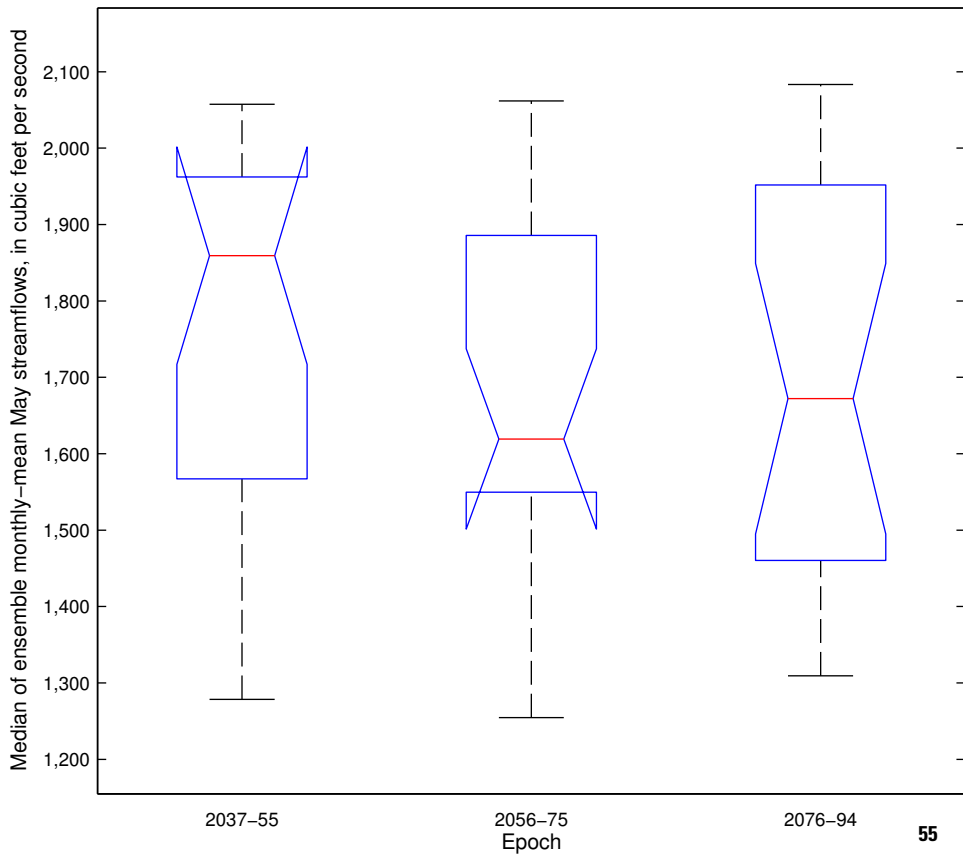
Median of ensemble monthly-mean March streamflows, in cubic feet per second



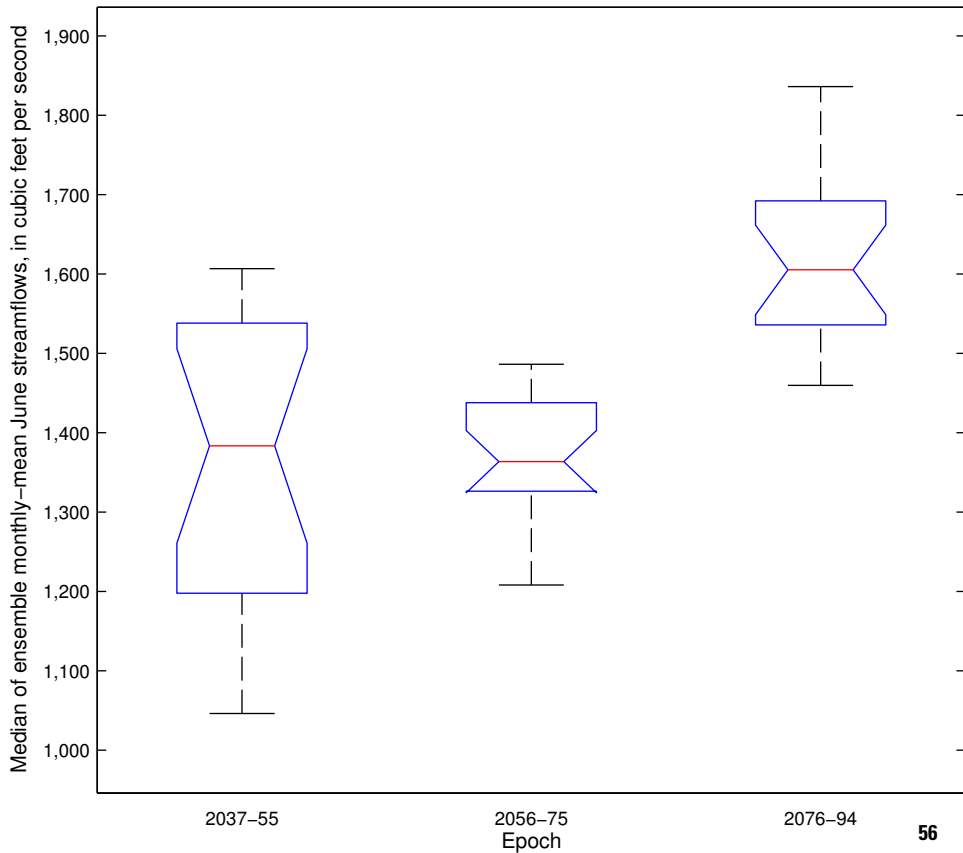
## CBUS – A2 Emission Simulation Results



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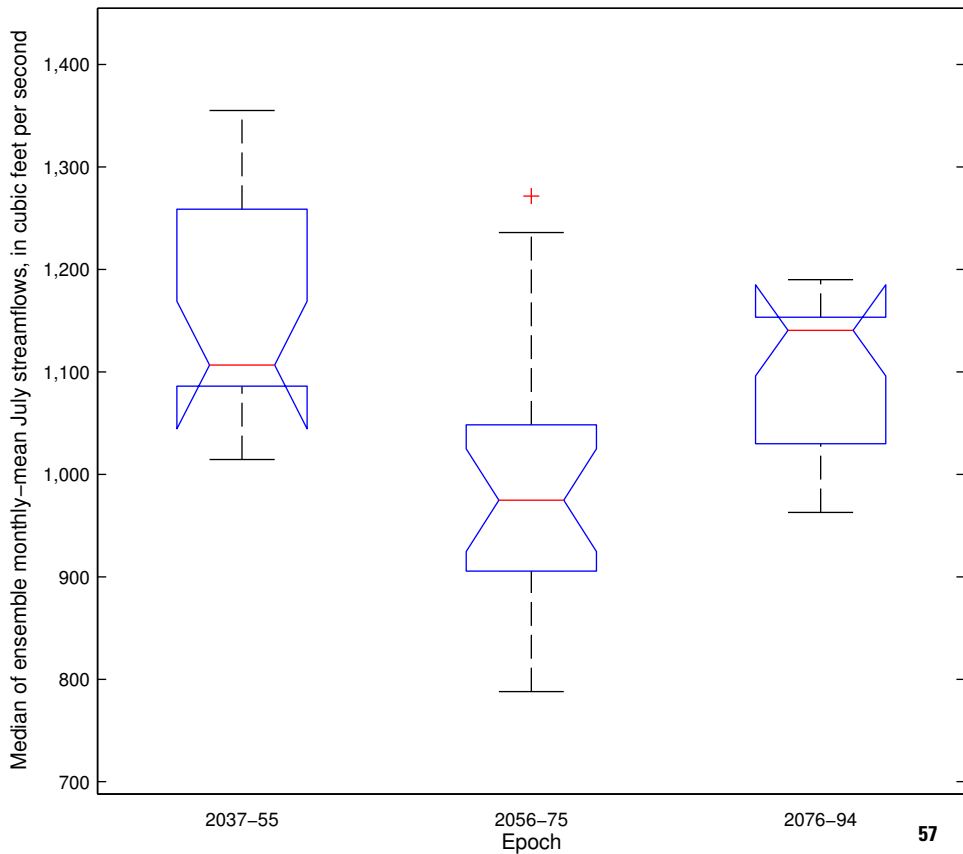


## CBUS – A2 Emission Simulation Results

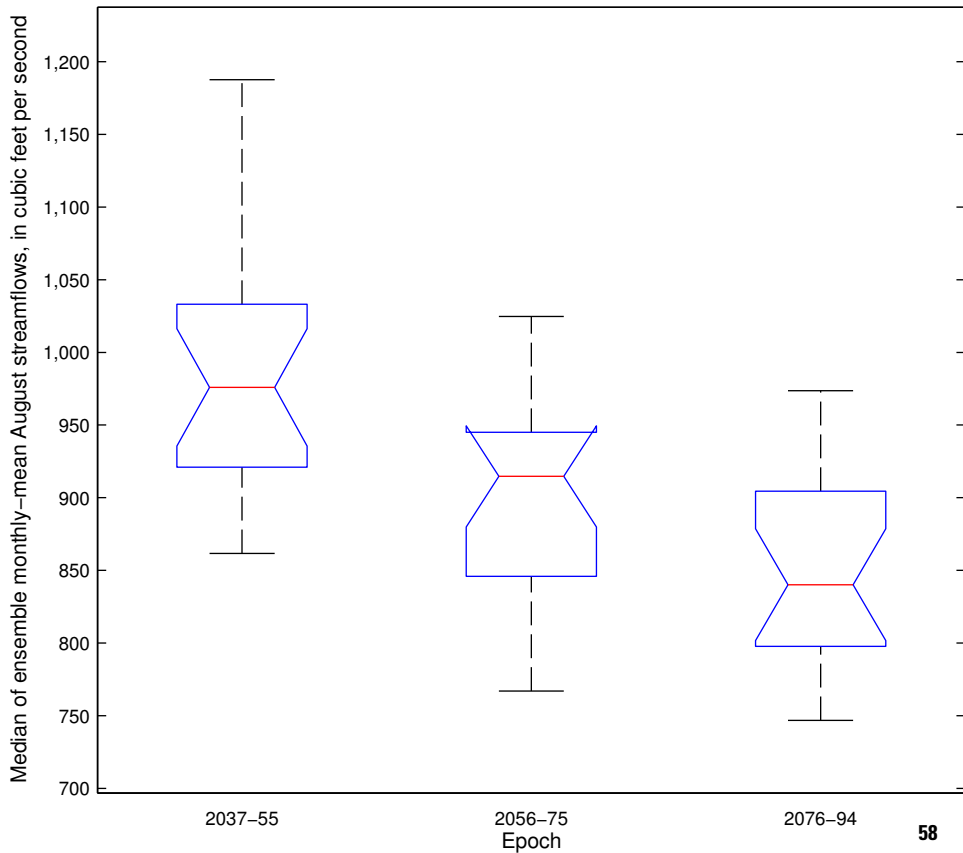




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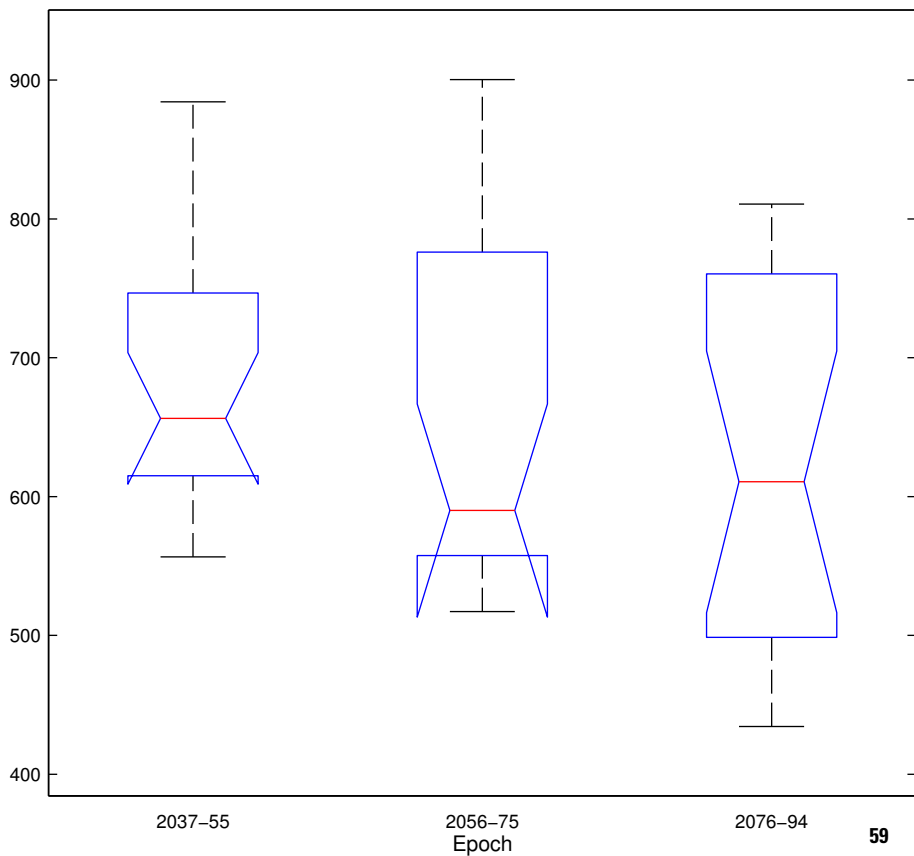


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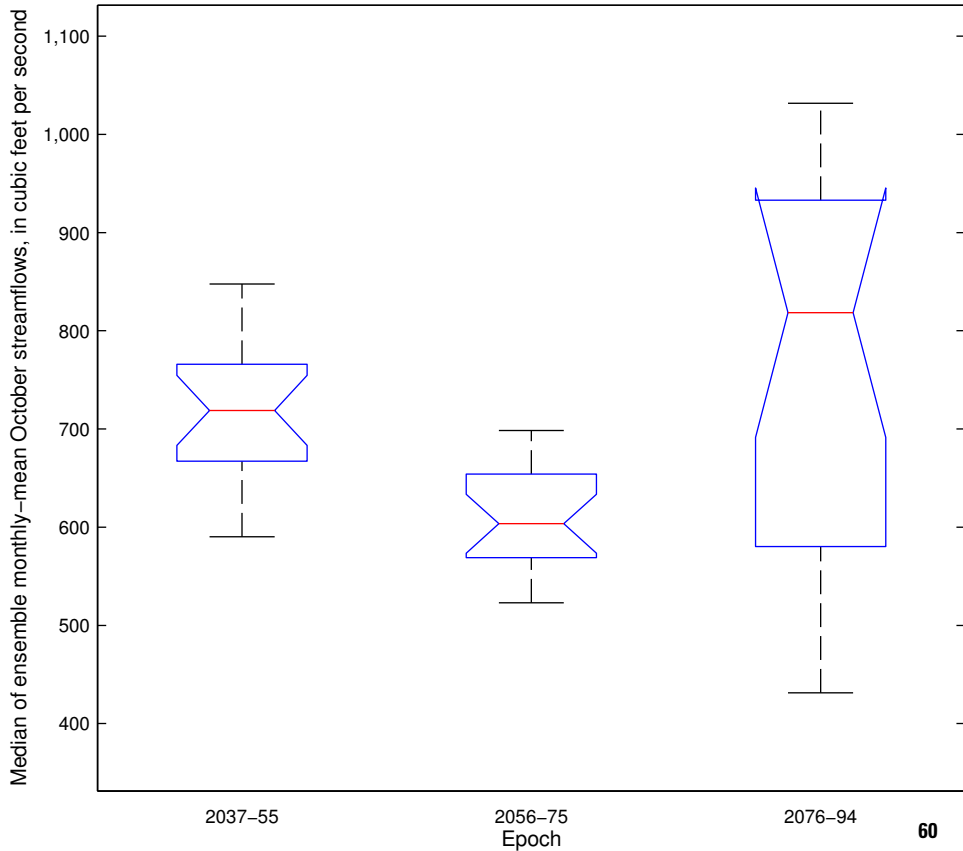


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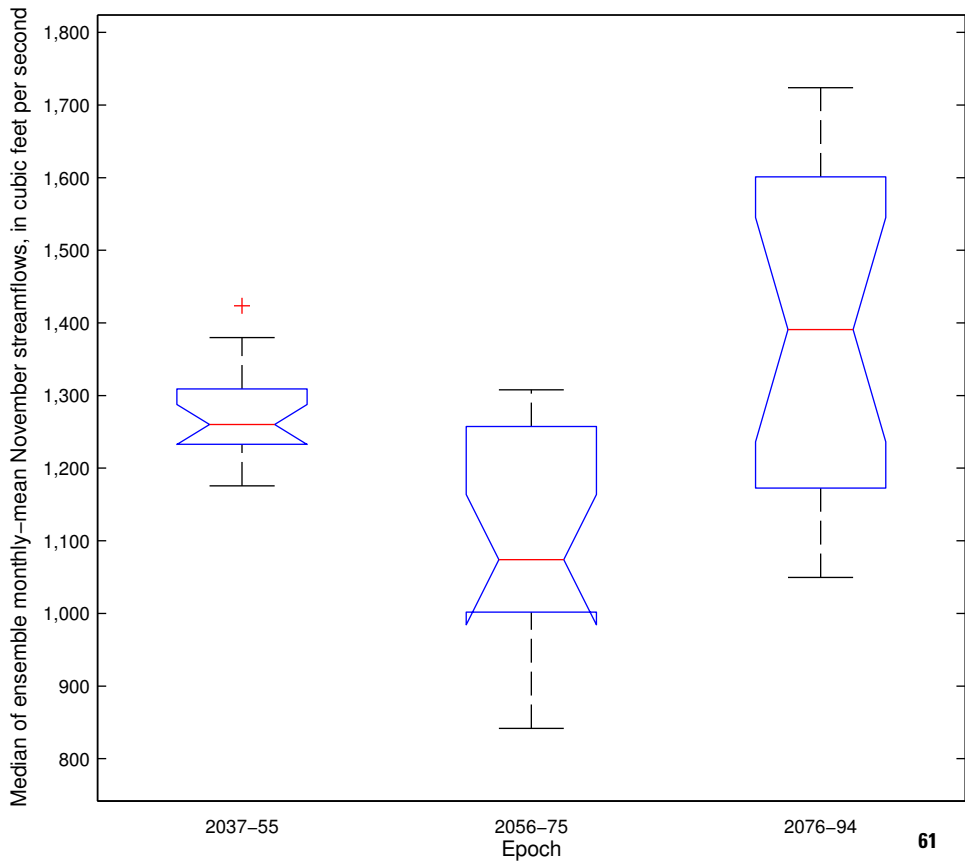
Median of ensemble monthly–mean September streamflows, in cubic feet per second



## CBUS – A2 Emission Simulation Results

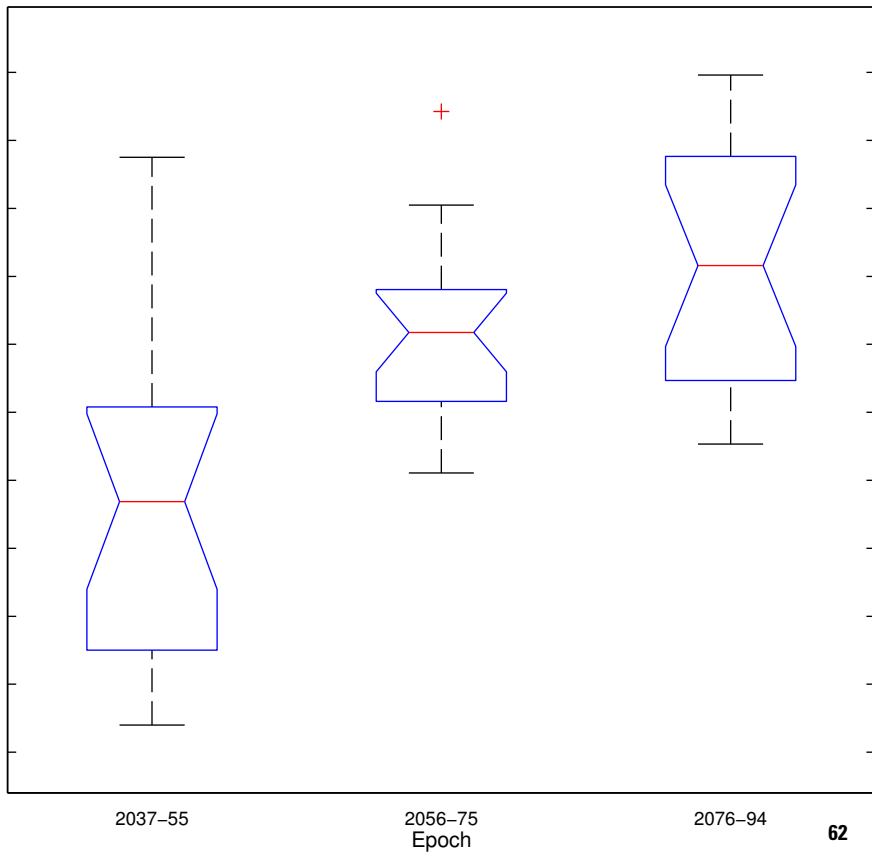


# CBUS – A2 Emission Simulation Results

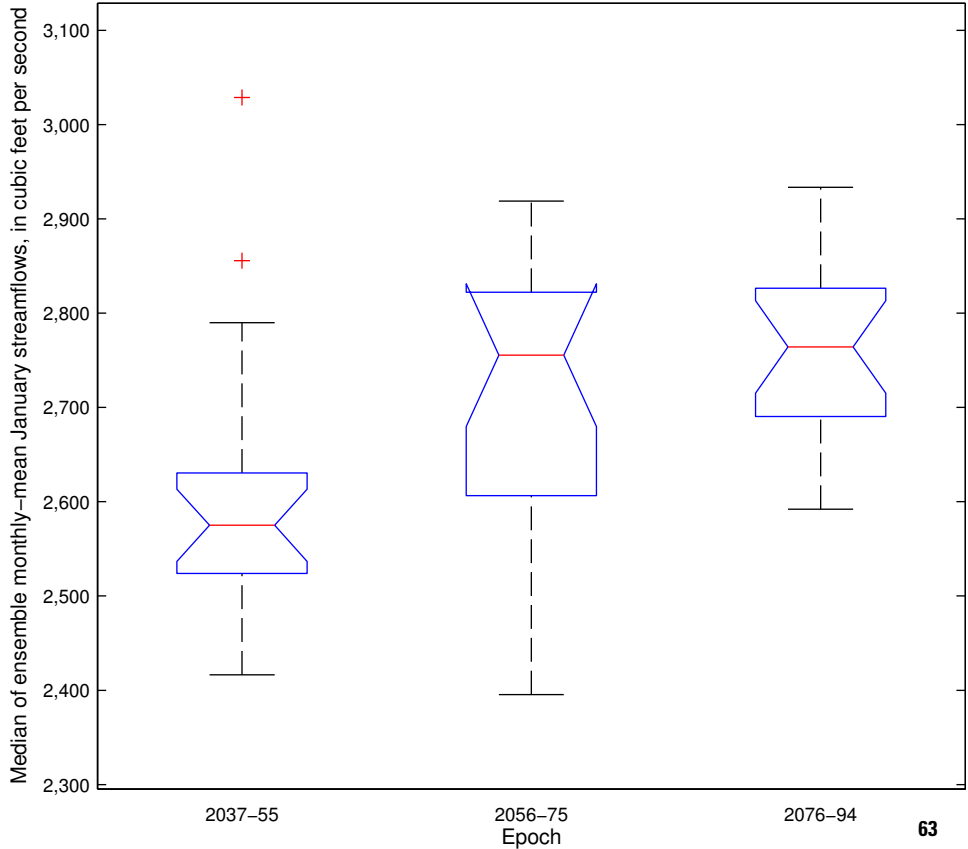


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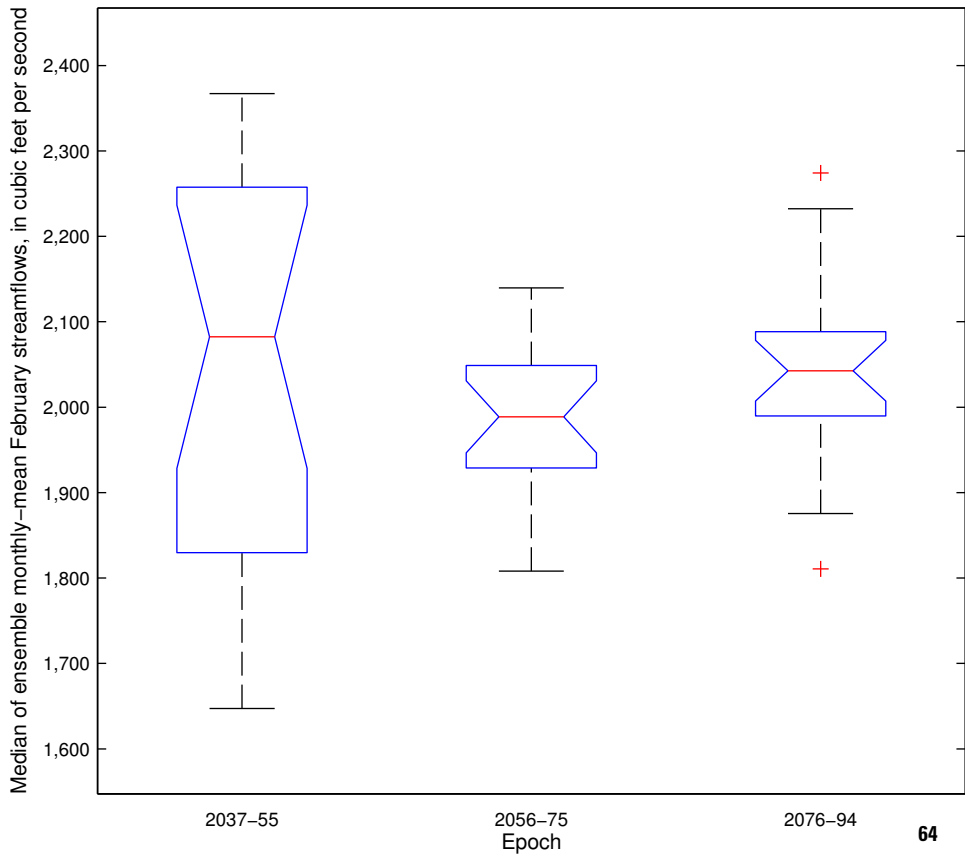
Median of ensemble monthly-mean December streamflows, in cubic feet per second



# CBUS – A1b Emission Simulation Results

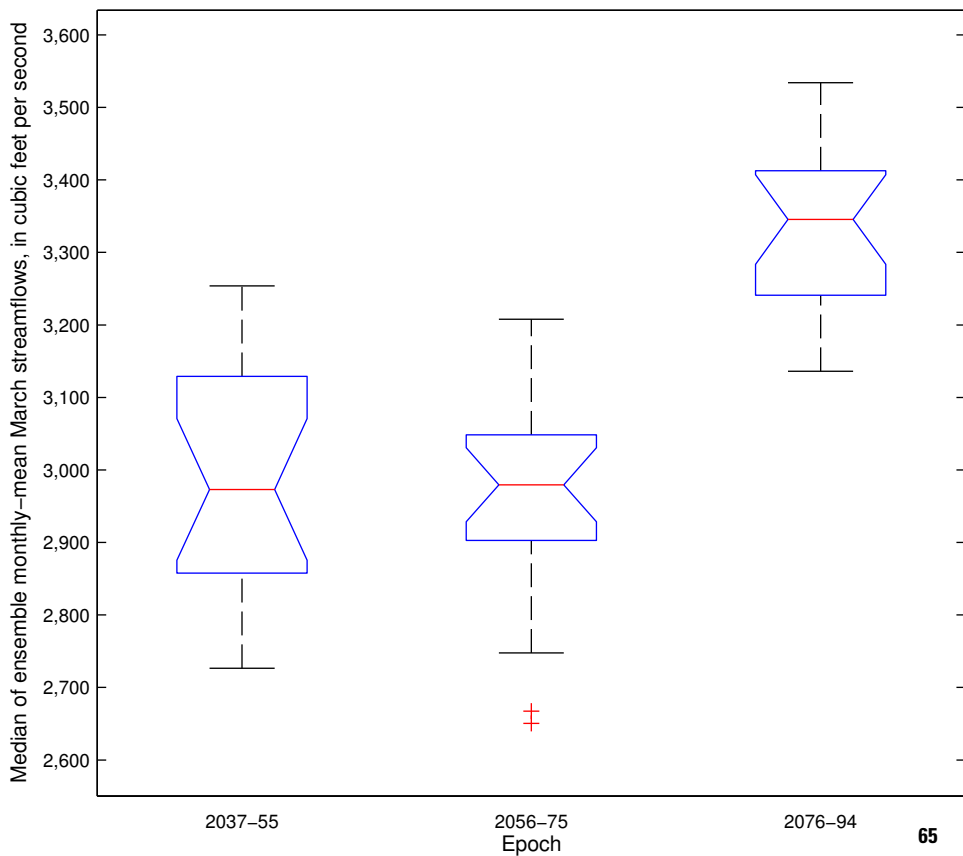


# CBUS – A1b Emission Simulation Results

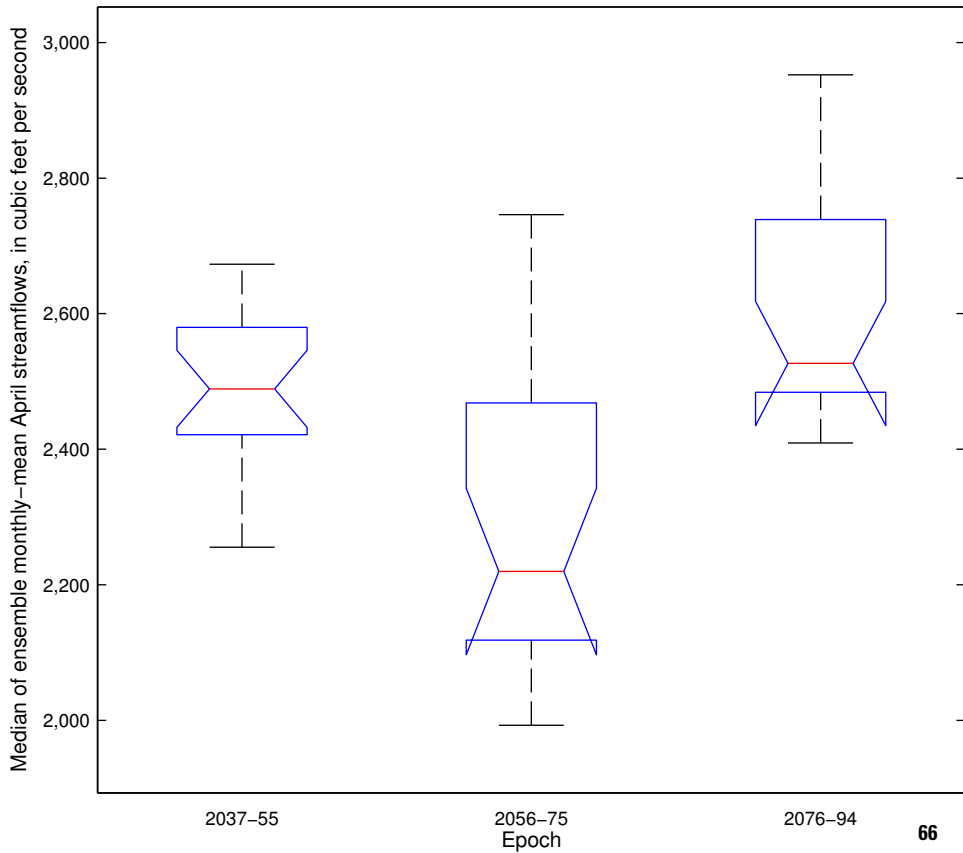




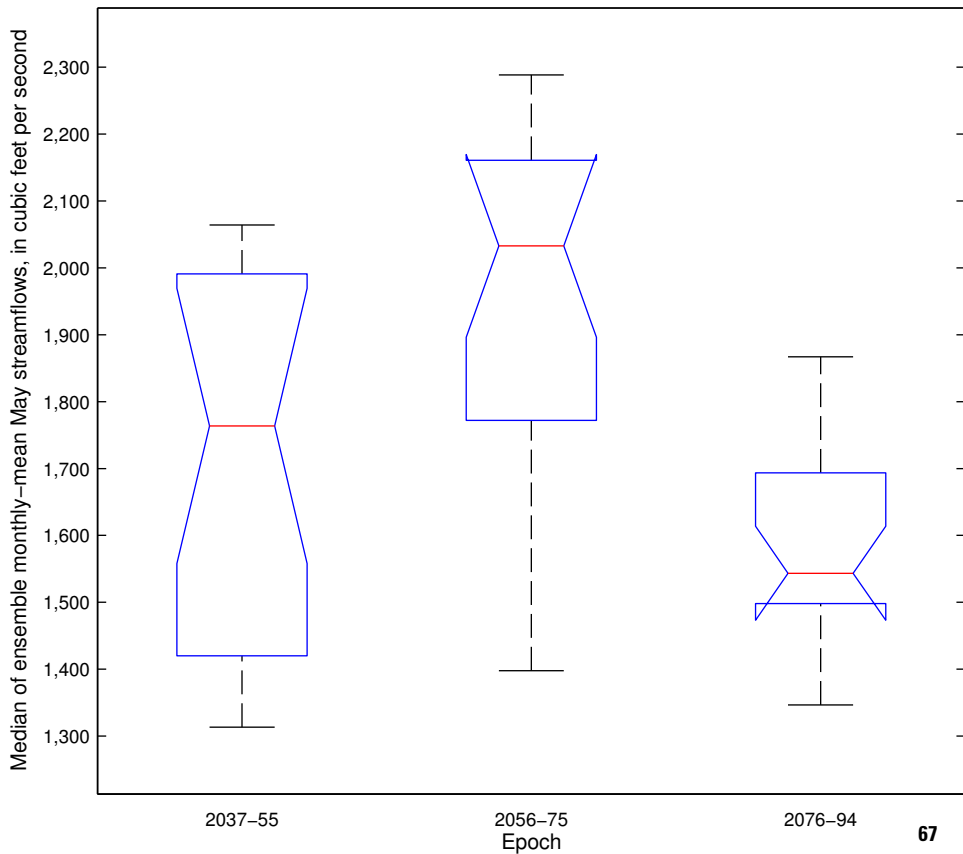
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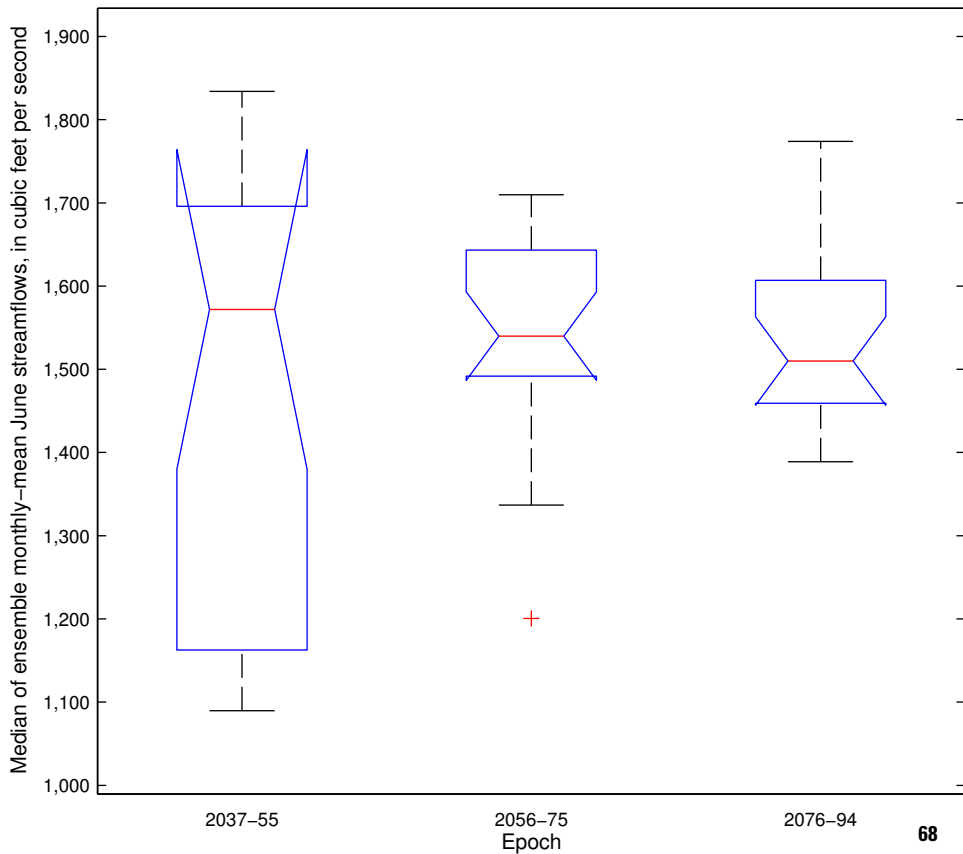
# CBUS – A1b Emission Simulation Results



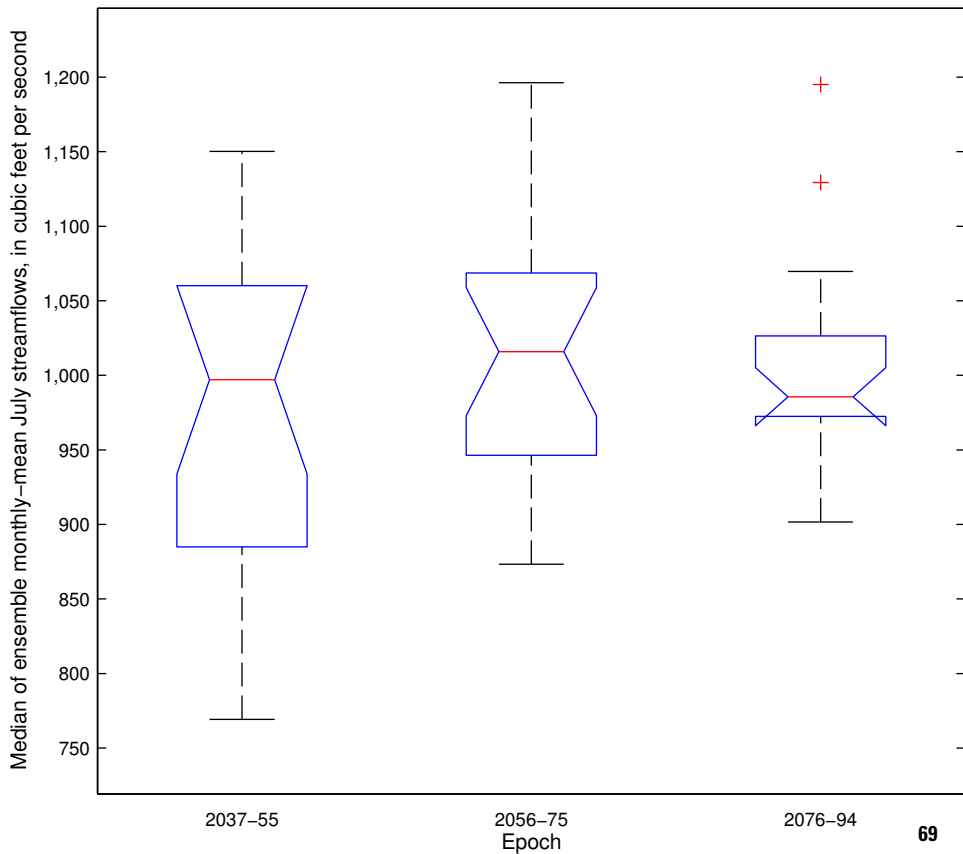
## CBUS – A1b Emission Simulation Results



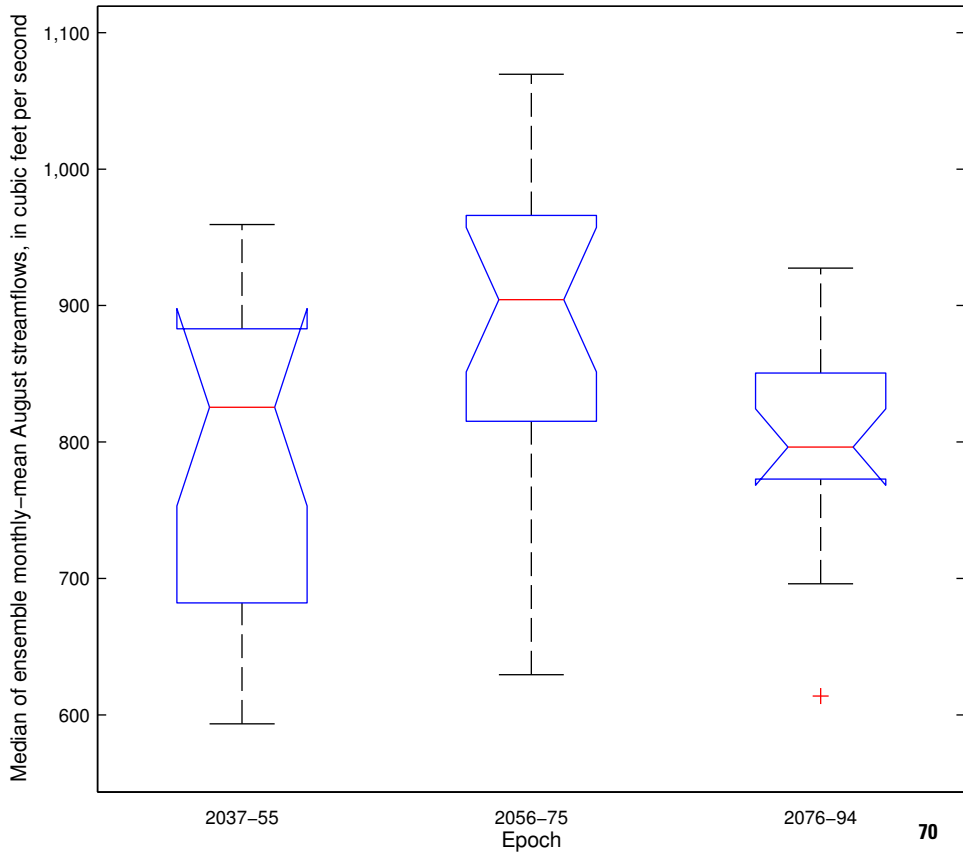
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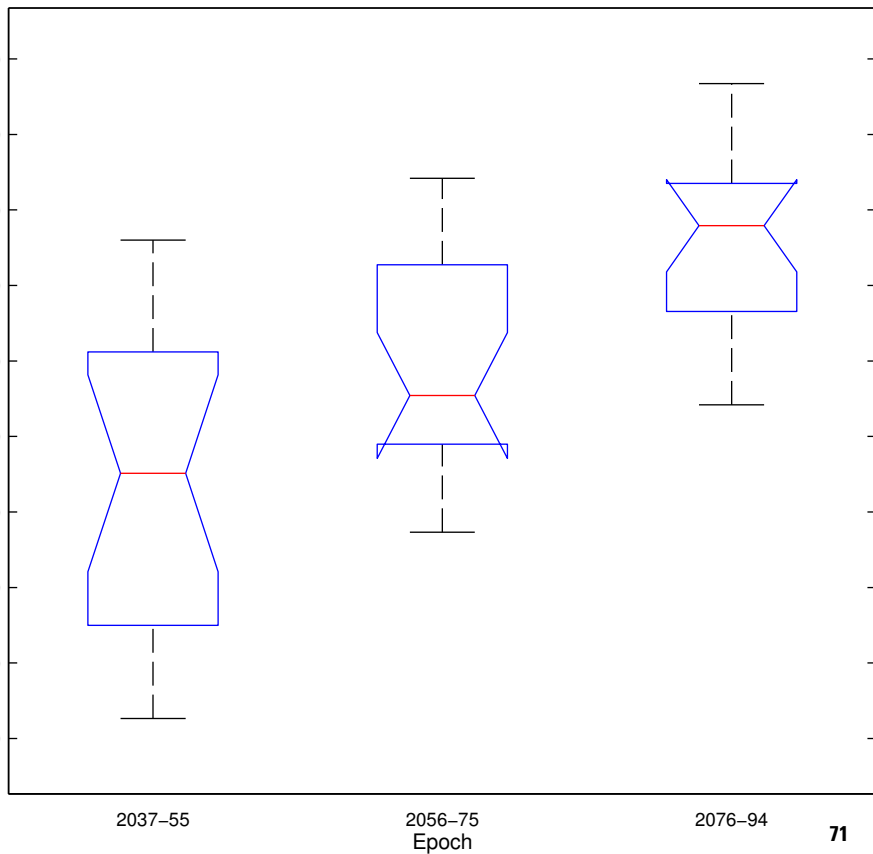


# CBUS – A1b Emission Simulation Results

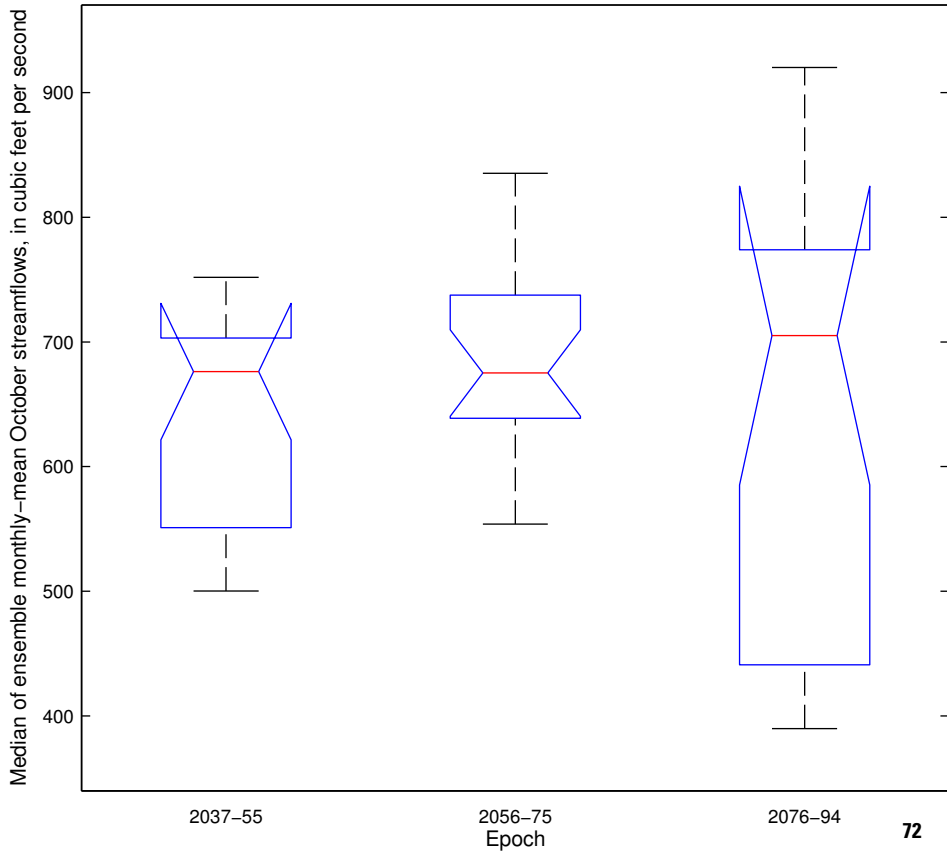


# CBUS – A1b Emission Simulation Results

Median of ensemble monthly-mean September streamflows, in cubic feet per second

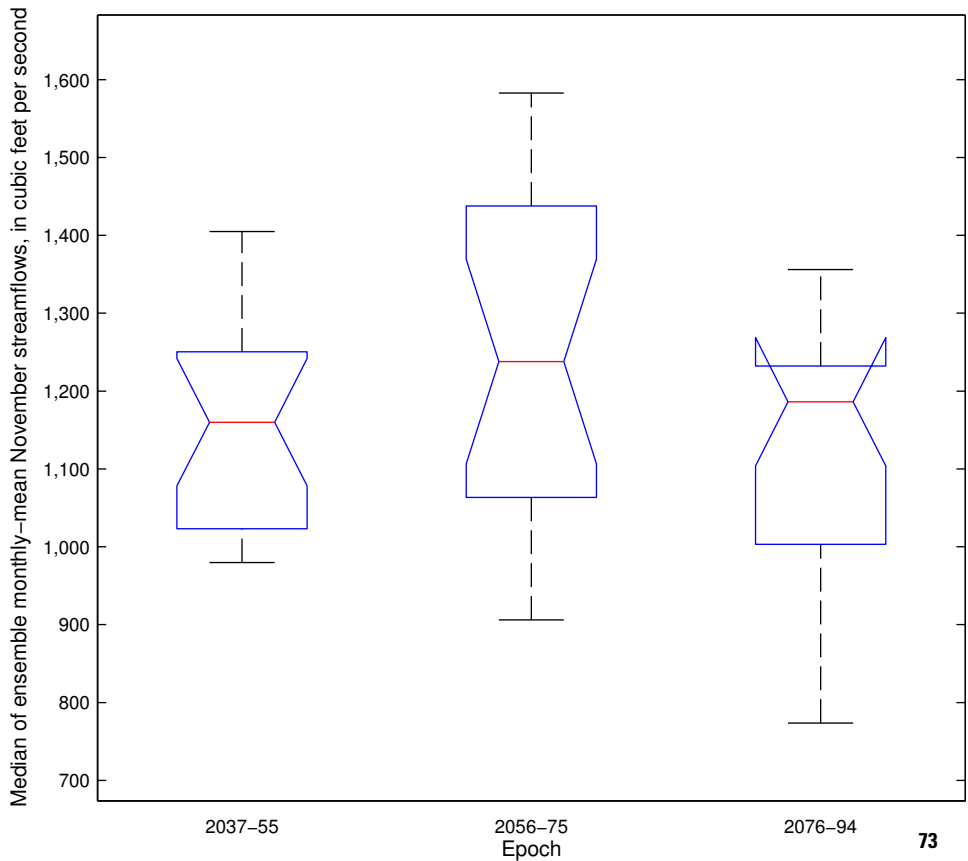


# CBUS – A1b Emission Simulation Results

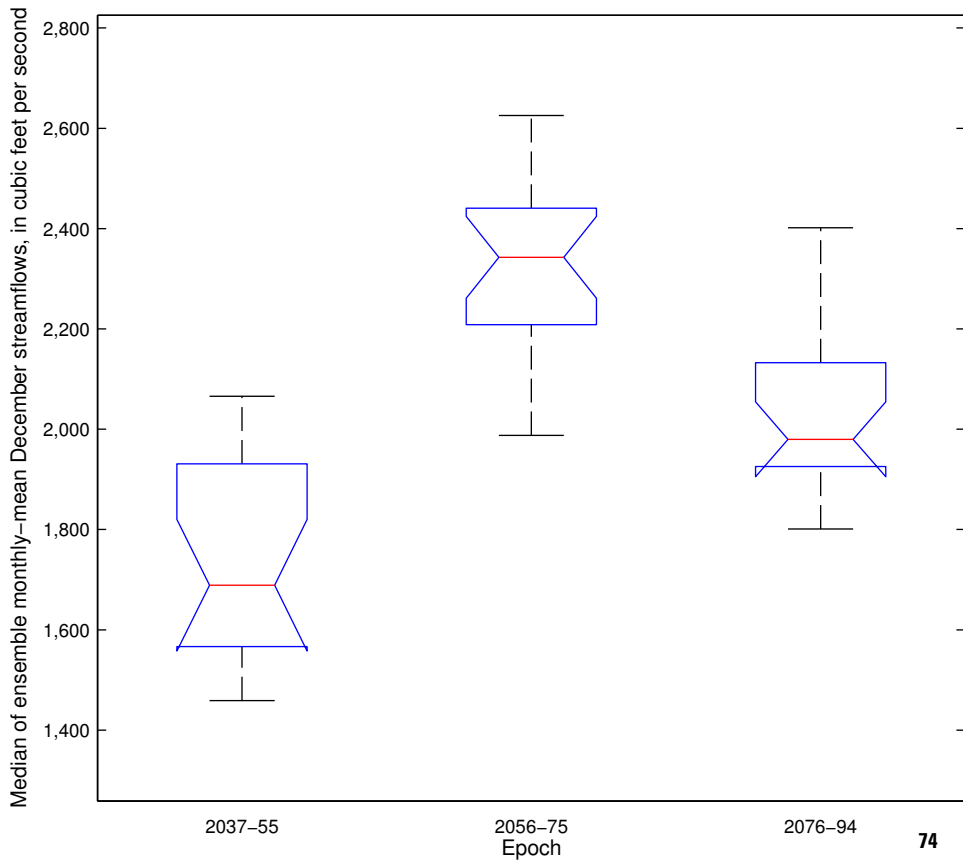




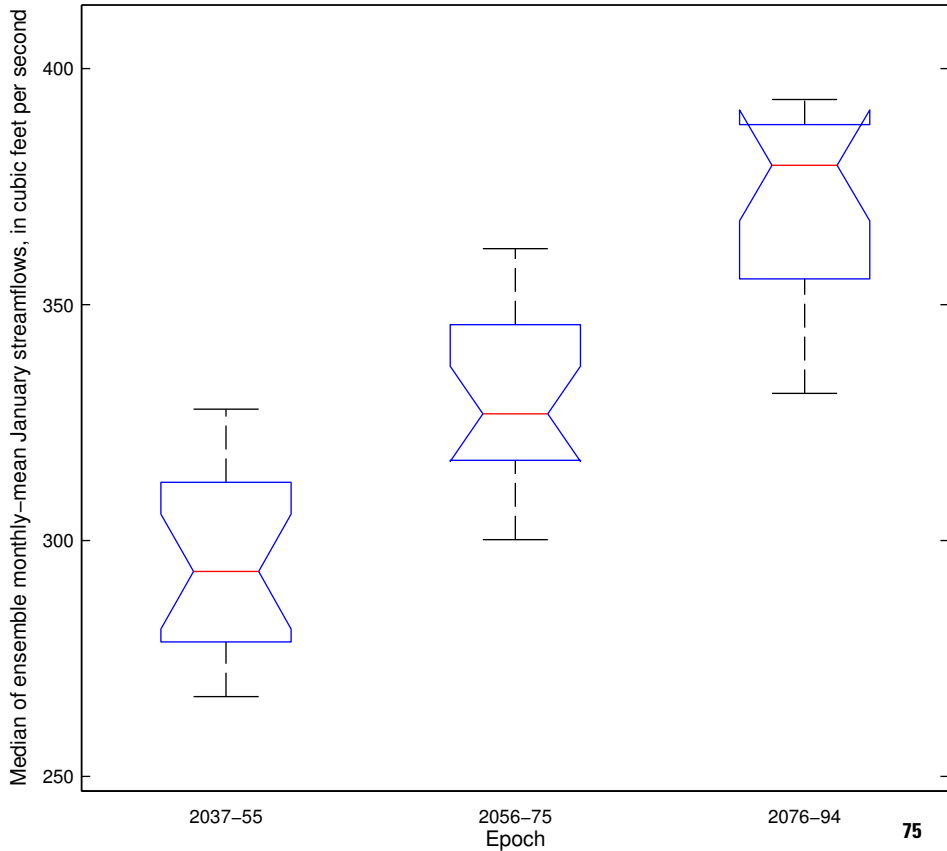
# CBUS – A1b Emission Simulation Results



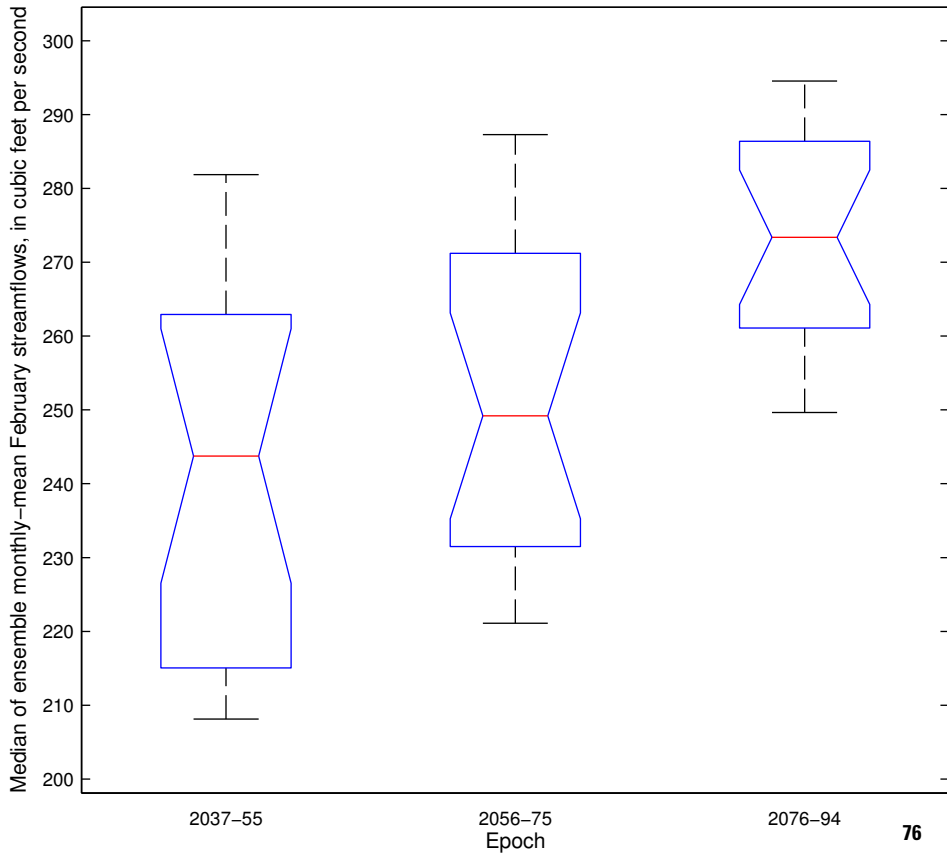
# CBUS – A1b Emission Simulation Results



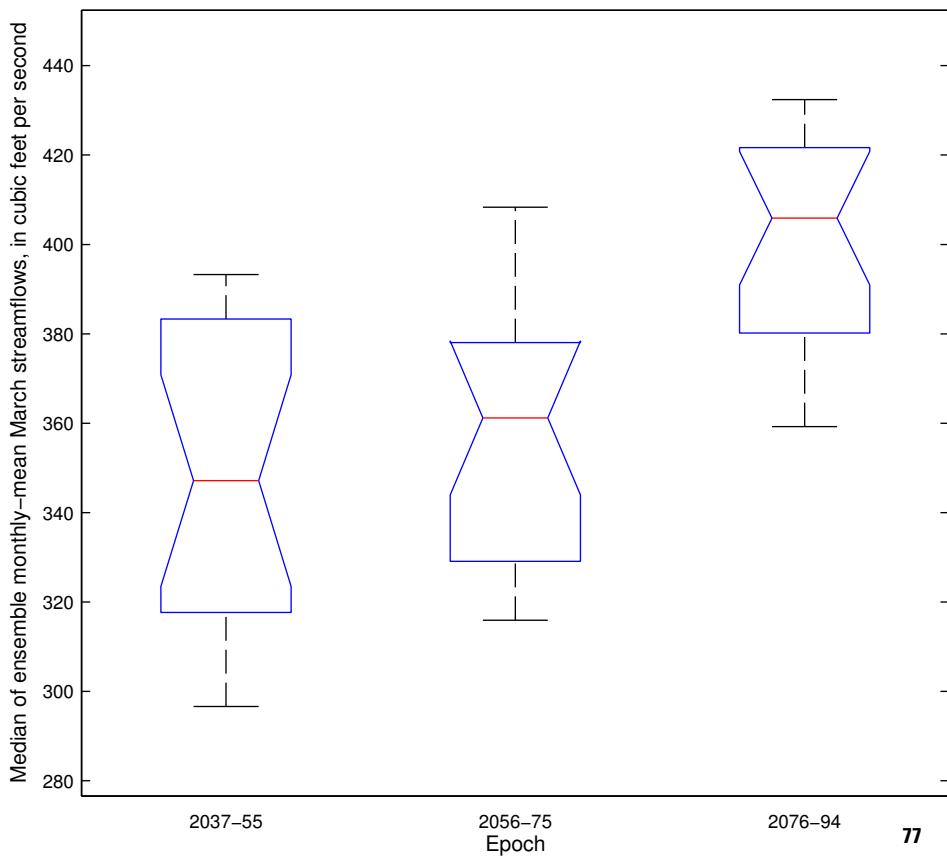
# CCOL – A2 Emission Simulation Results



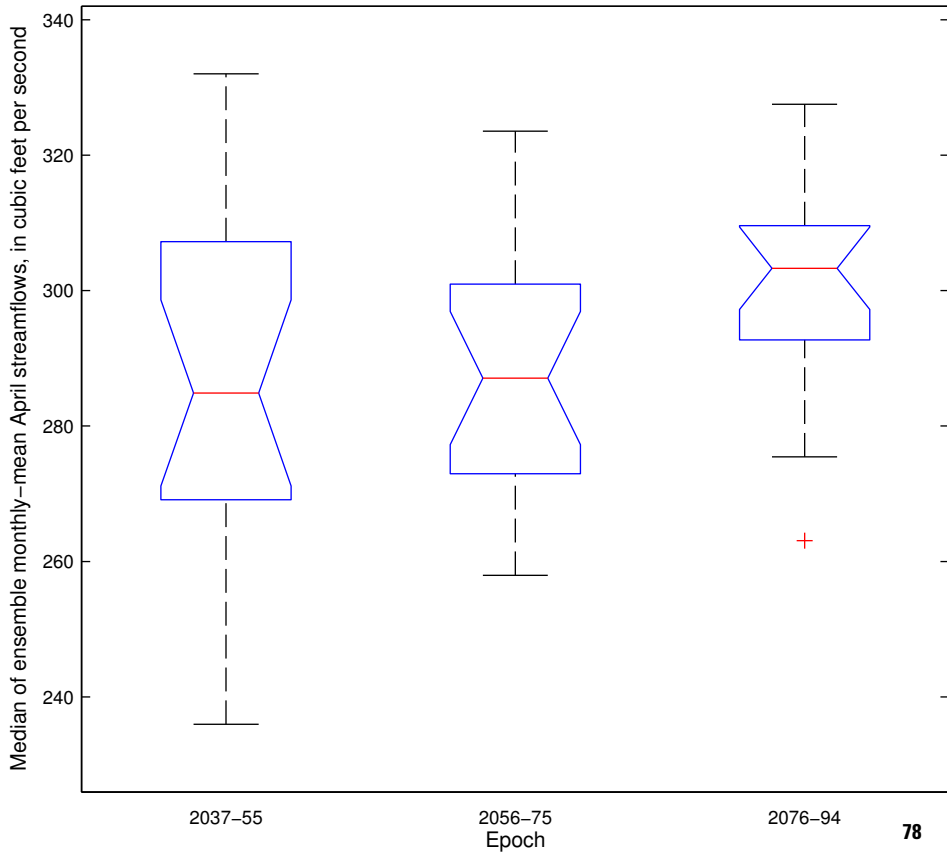
## CCOL – A2 Emission Simulation Results



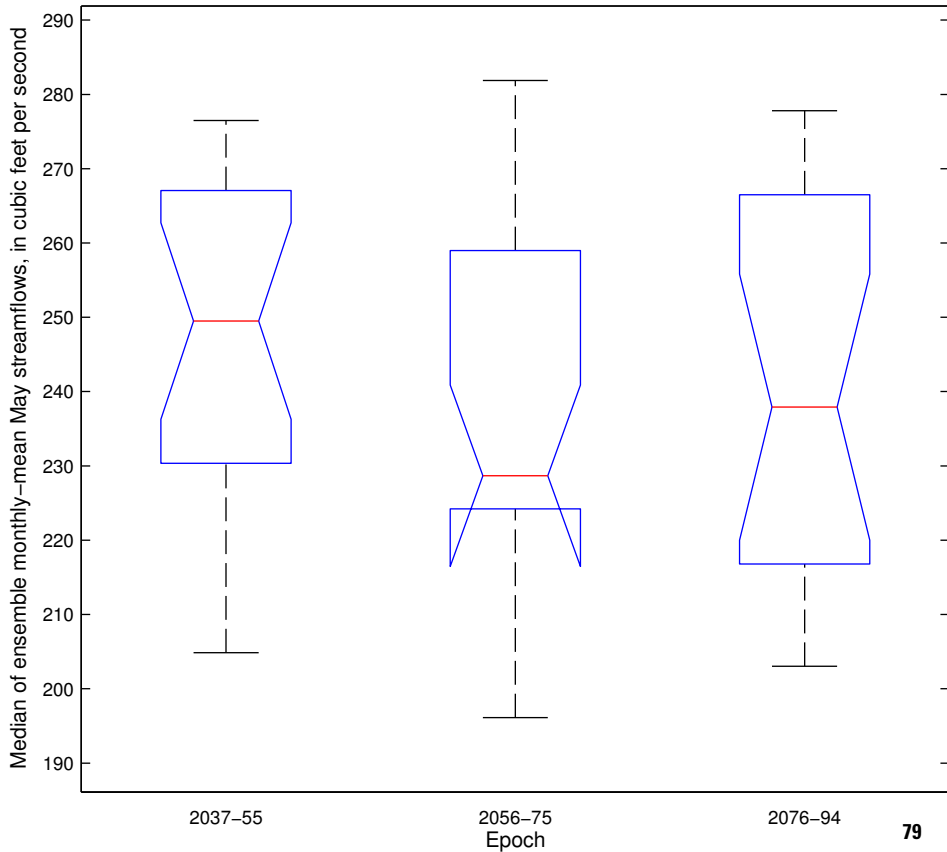
## CCOL – A2 Emission Simulation Results



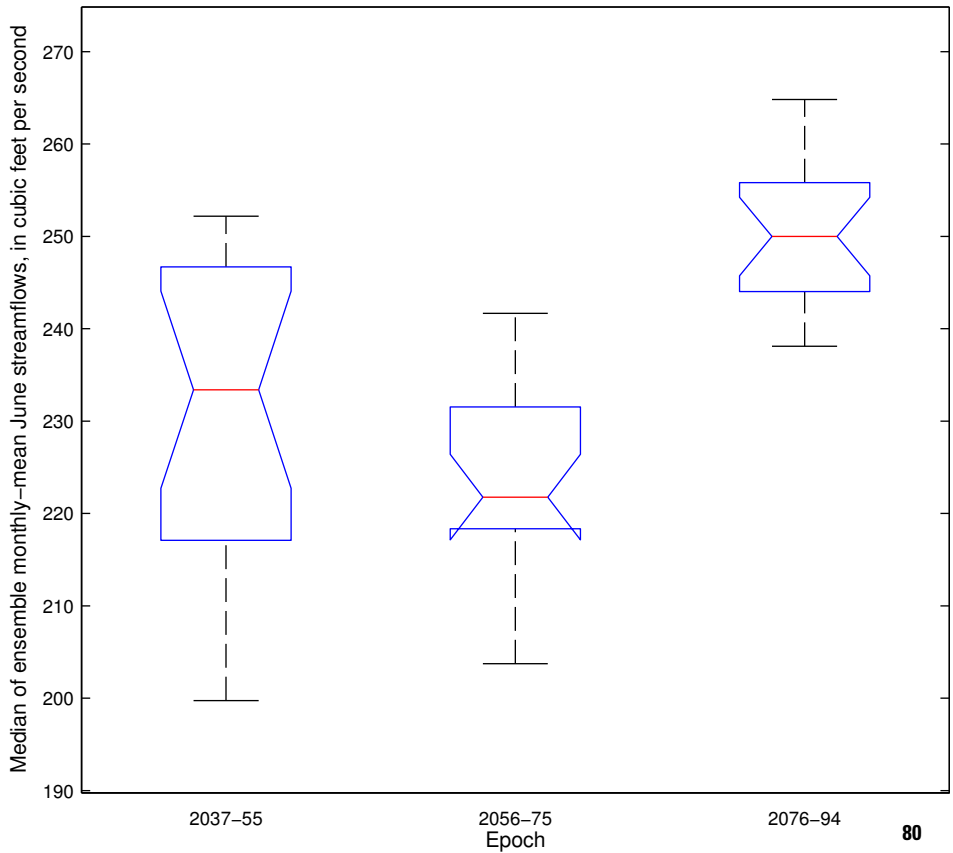
## CCOL – A2 Emission Simulation Results



# CCOL – A2 Emission Simulation Results

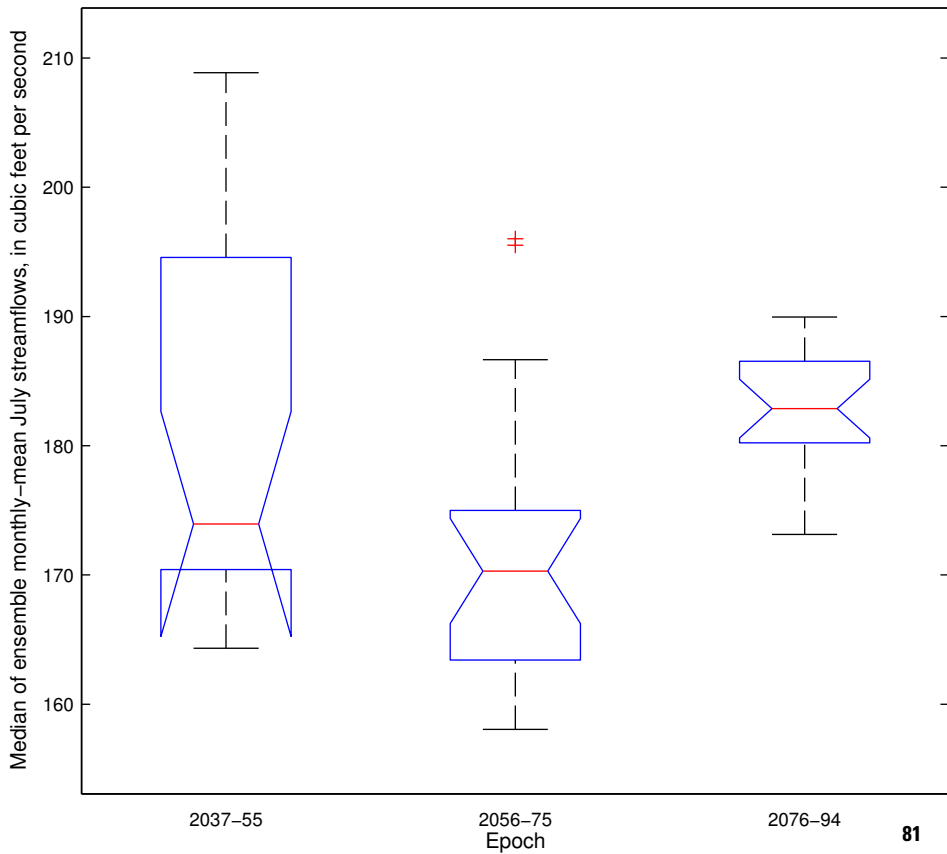


# CCOL – A2 Emission Simulation Results



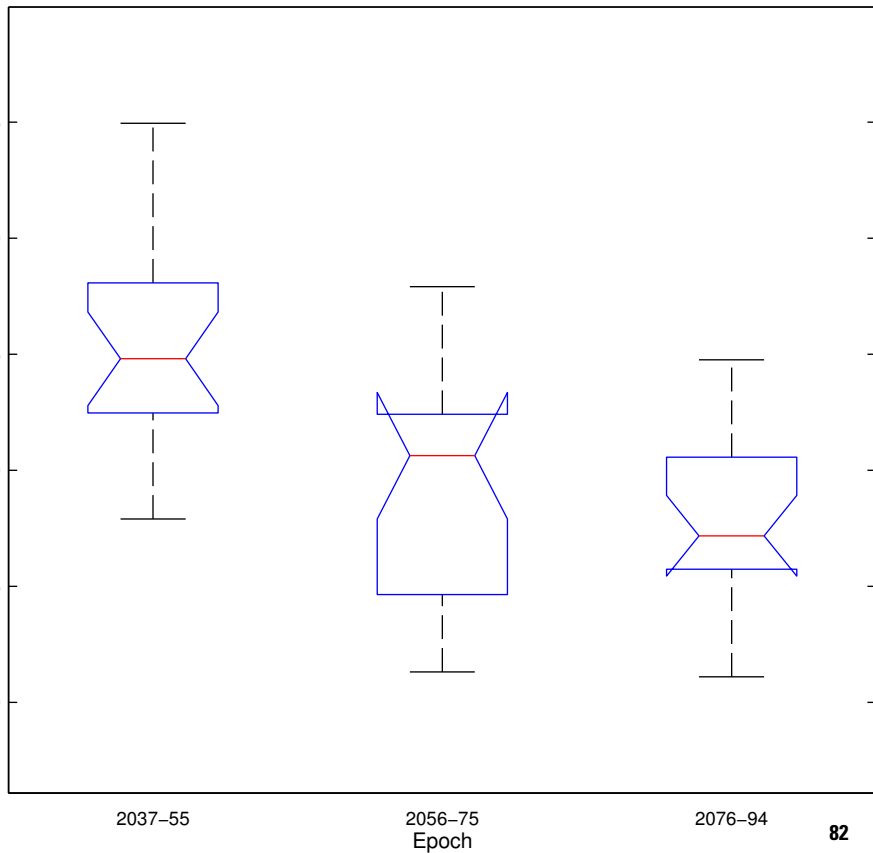


# CCOL – A2 Emission Simulation Results



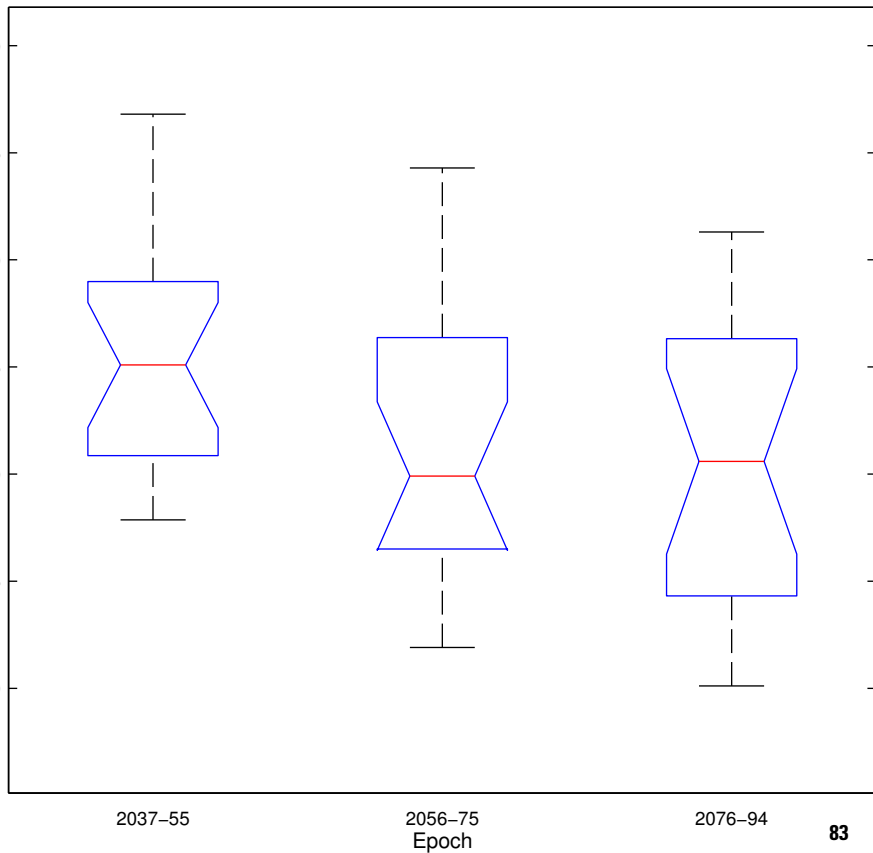
## CCOL – A2 Emission Simulation Results

Median of ensemble monthly-mean August streamflows, in cubic feet per second

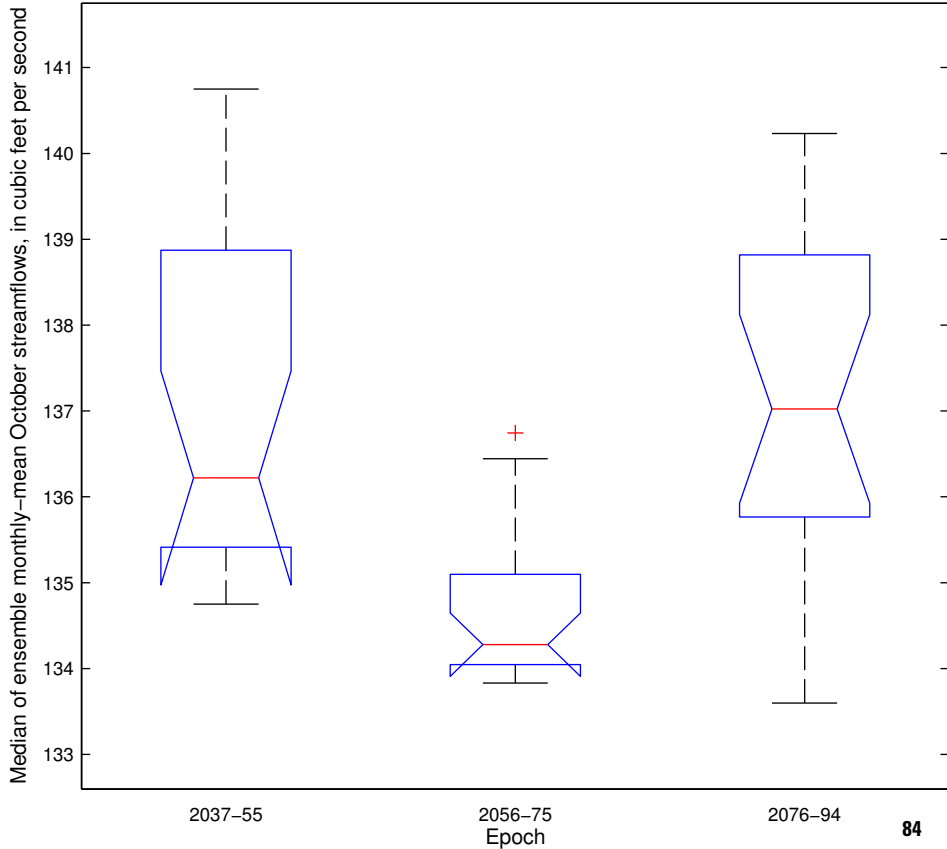


## CCOL – A2 Emission Simulation Results

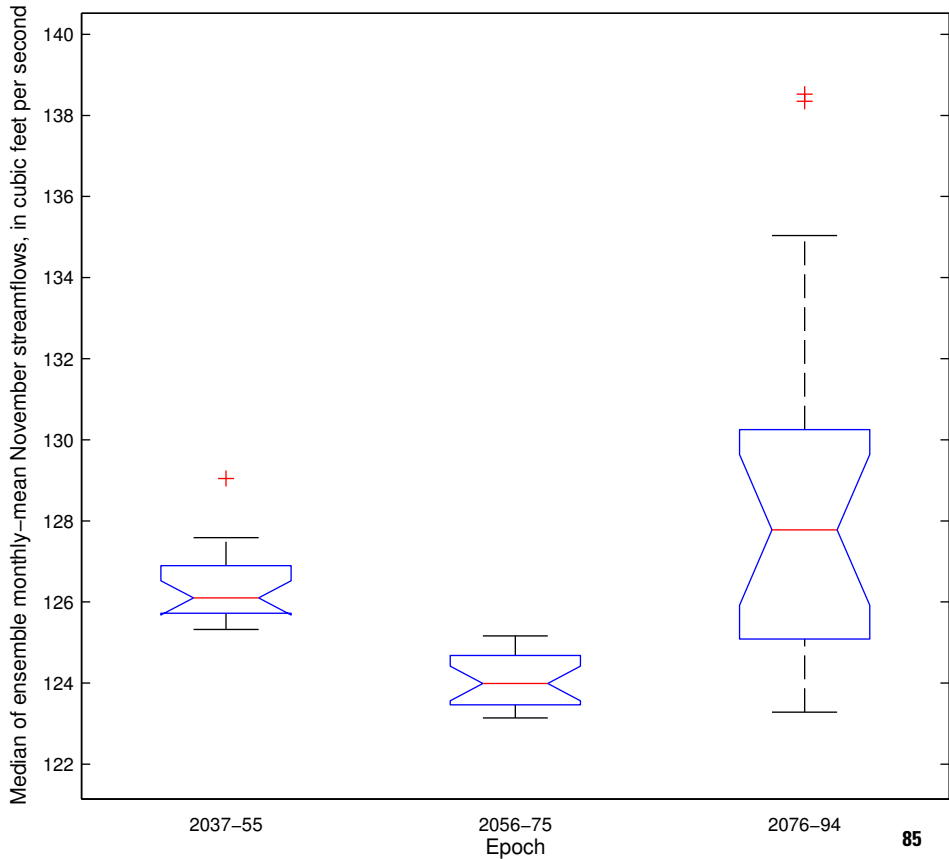
Median of ensemble monthly–mean September streamflows, in cubic feet per second



## CCOL – A2 Emission Simulation Results

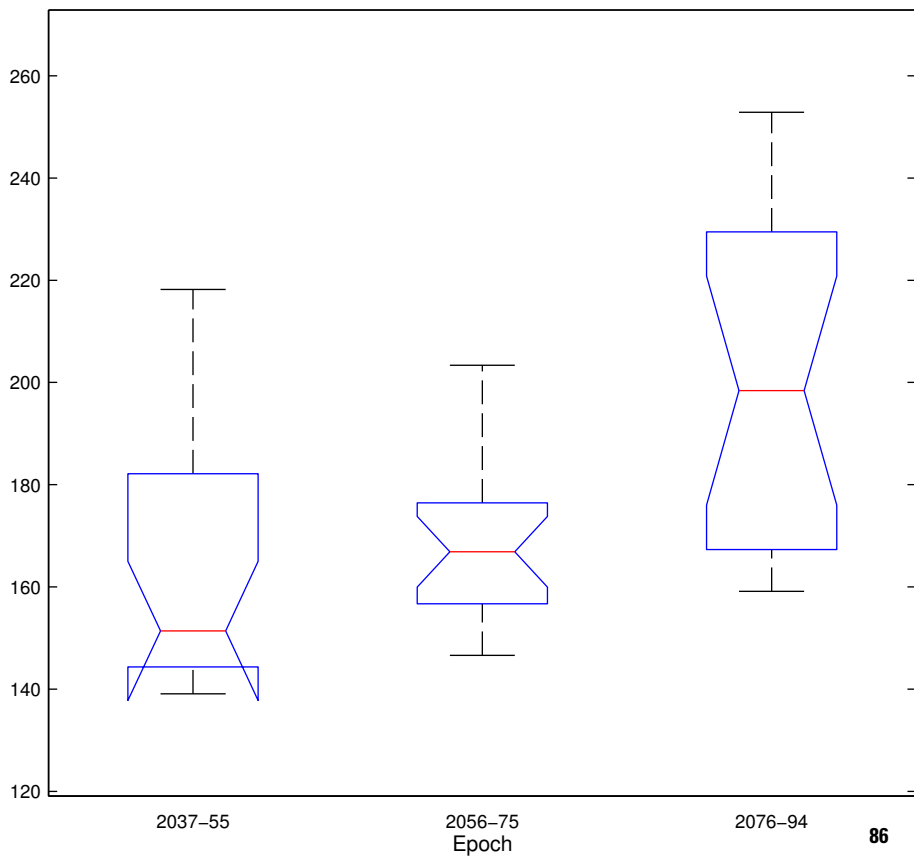


## CCOL – A2 Emission Simulation Results

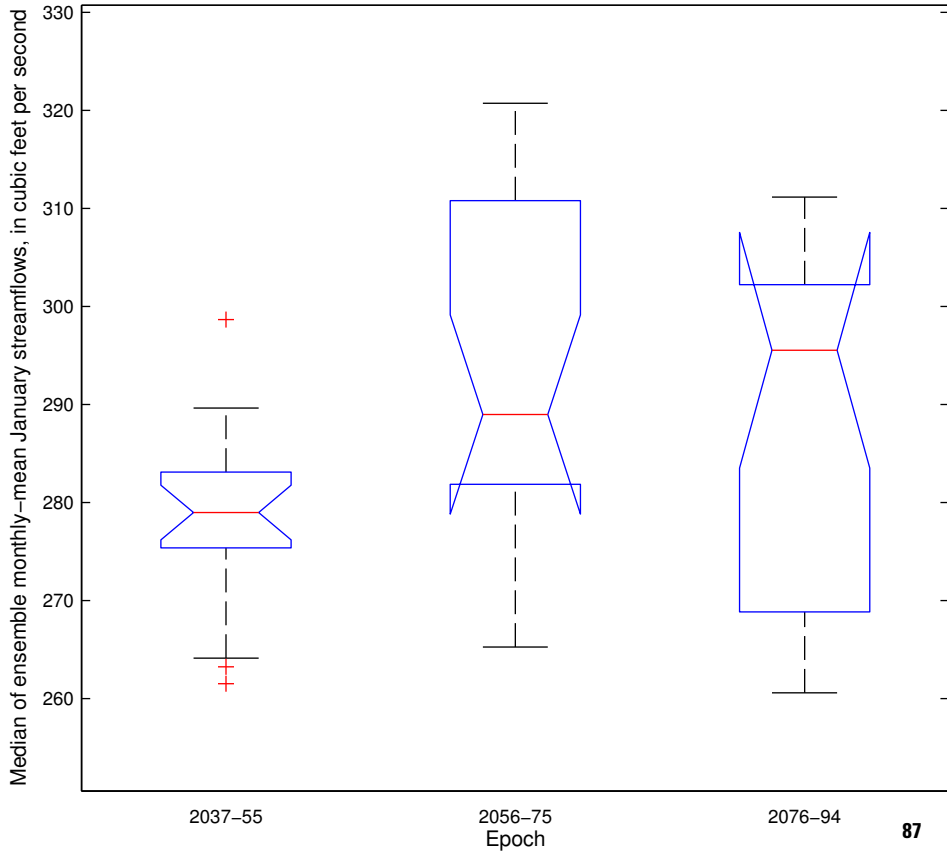


# CCOL – A2 Emission Simulation Results

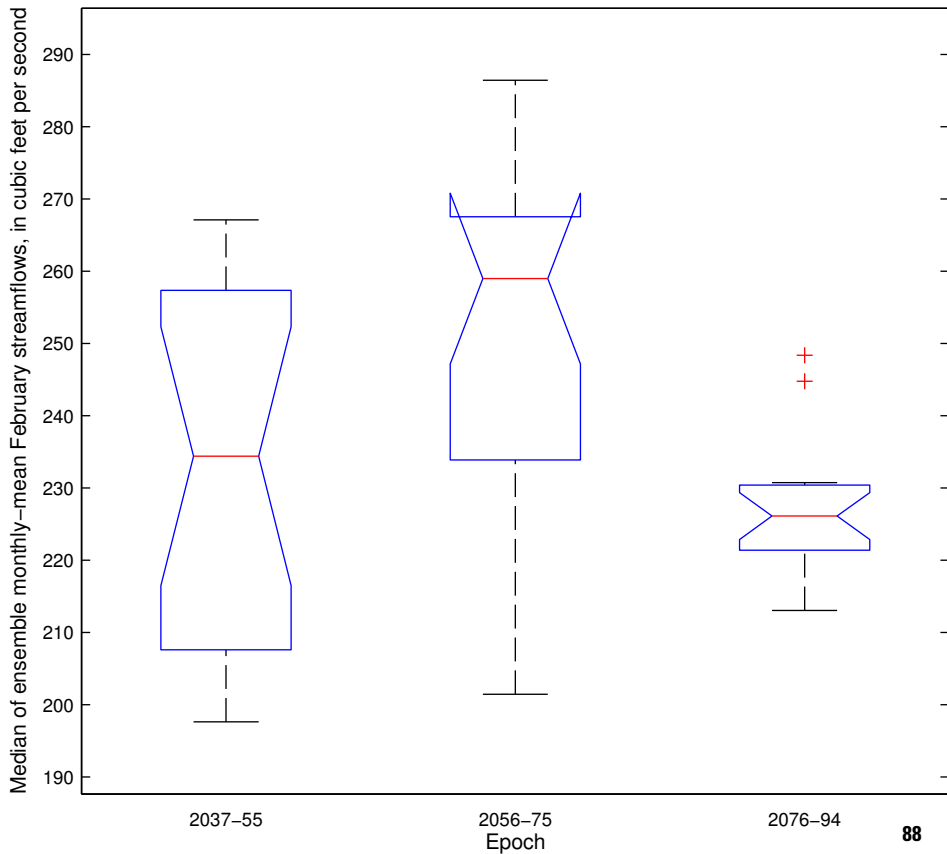
Median of ensemble monthly-mean December streamflows, in cubic feet per second



# CCOL – A1b Emission Simulation Results



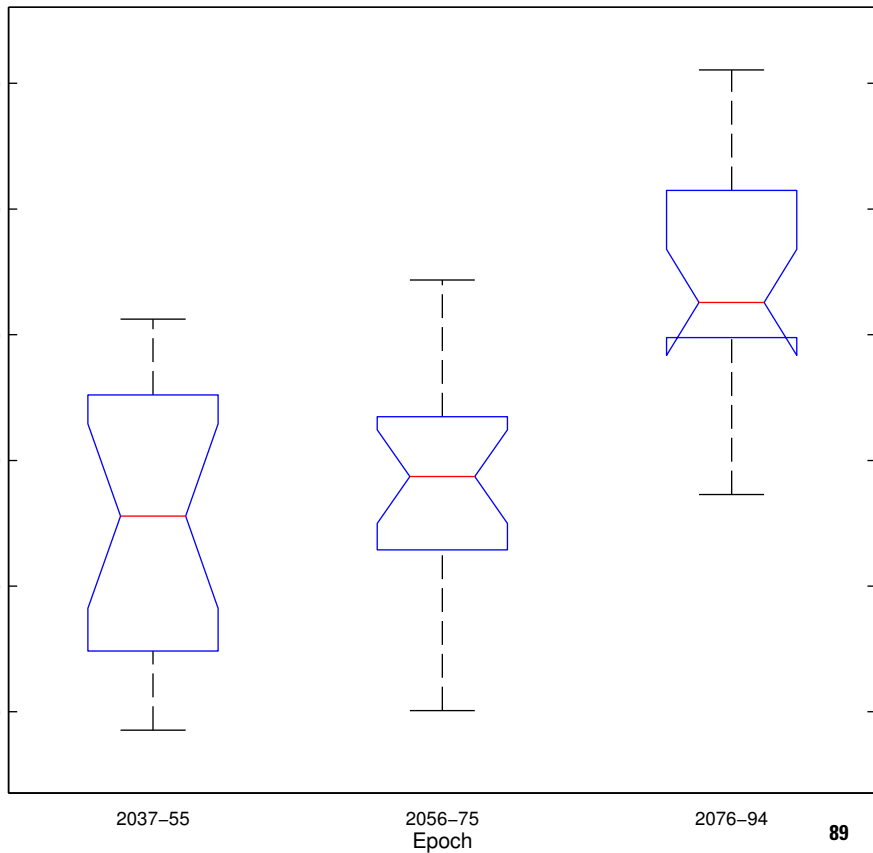
## CCOL – A1b Emission Simulation Results



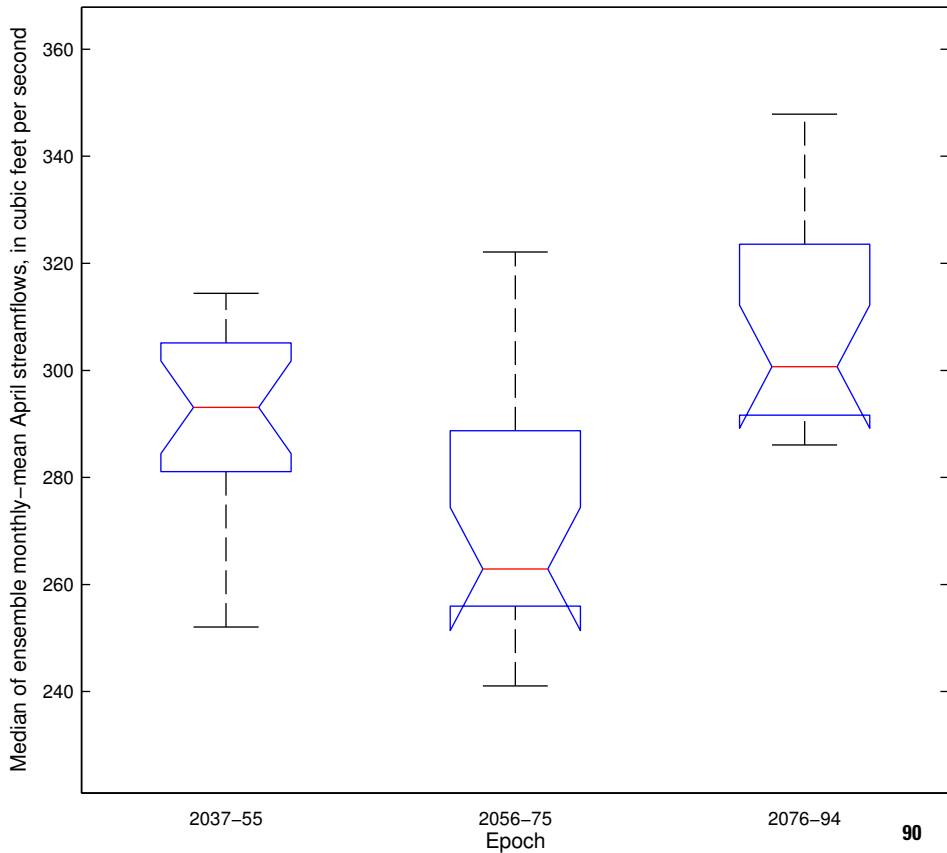


# CCOL – A1b Emission Simulation Results

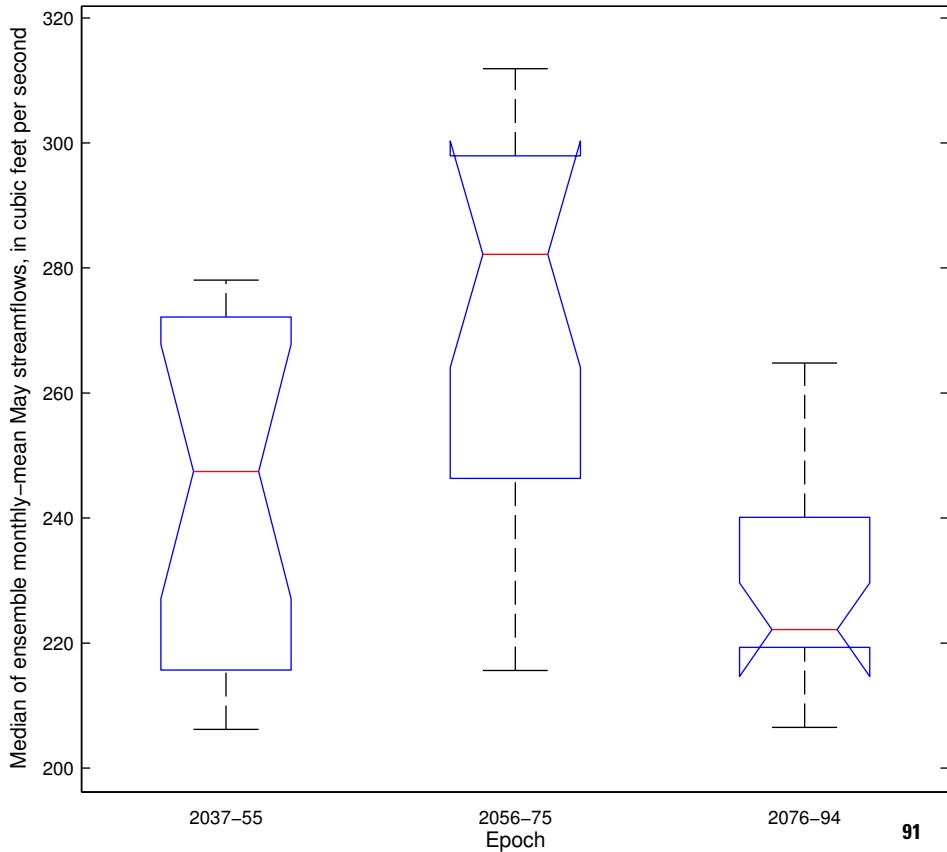
Median of ensemble monthly-mean March streamflows, in cubic feet per second



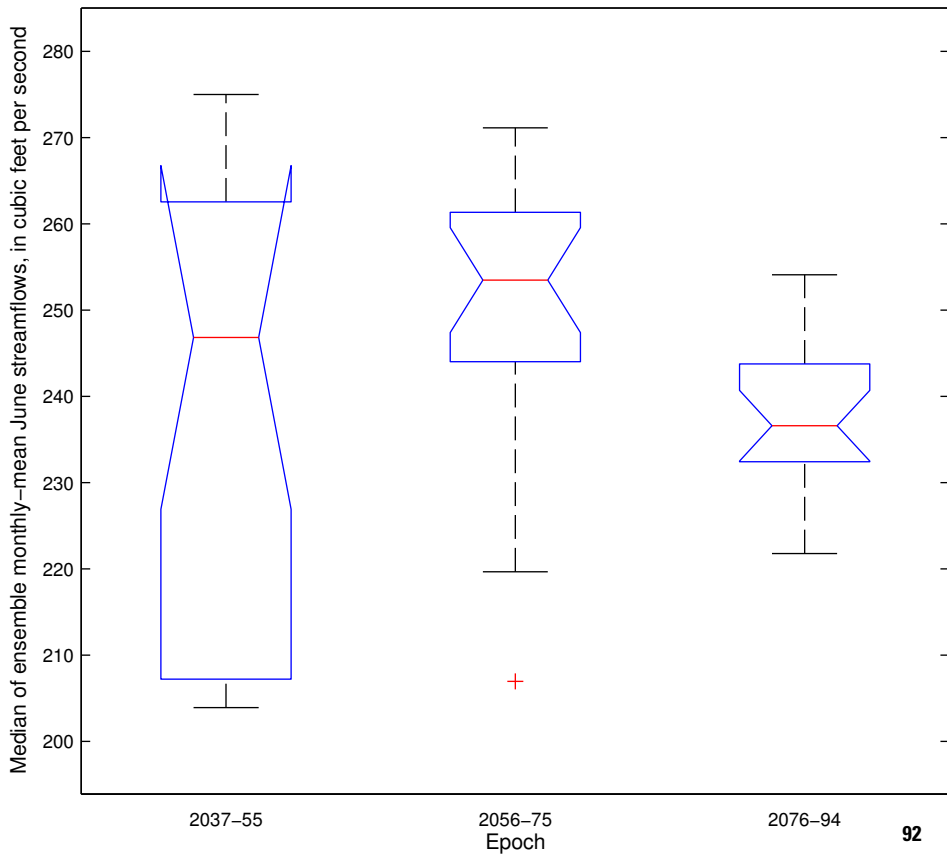
# CCOL – A1b Emission Simulation Results



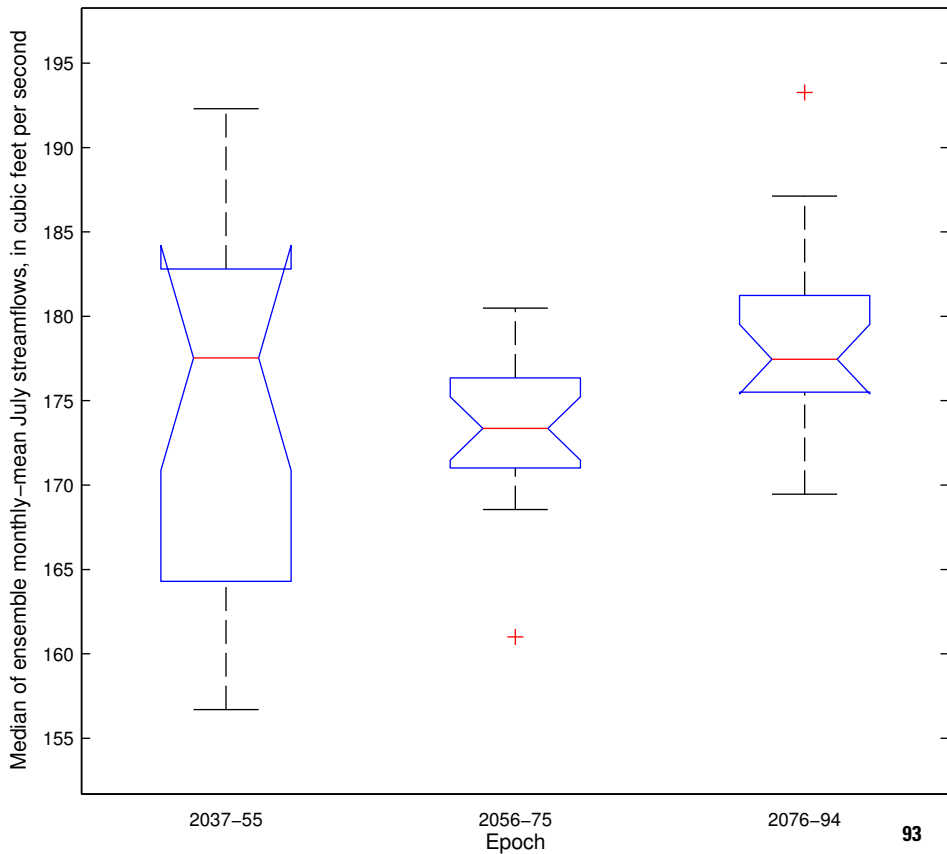
# CCOL – A1b Emission Simulation Results



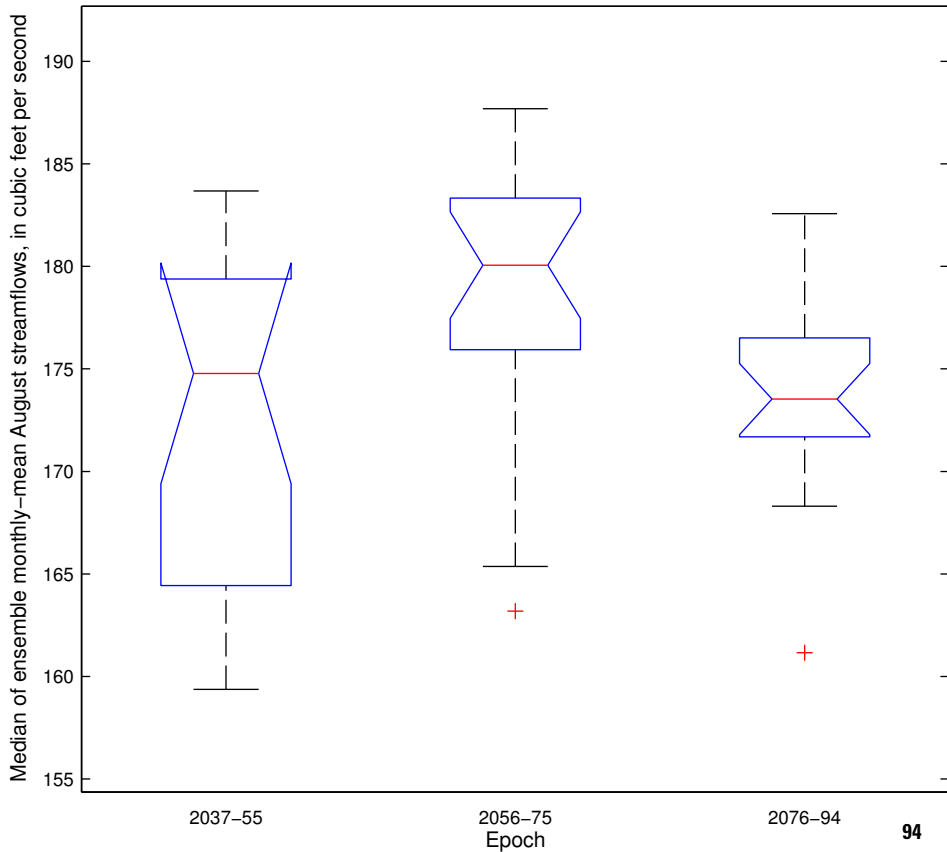
# CCOL – A1b Emission Simulation Results



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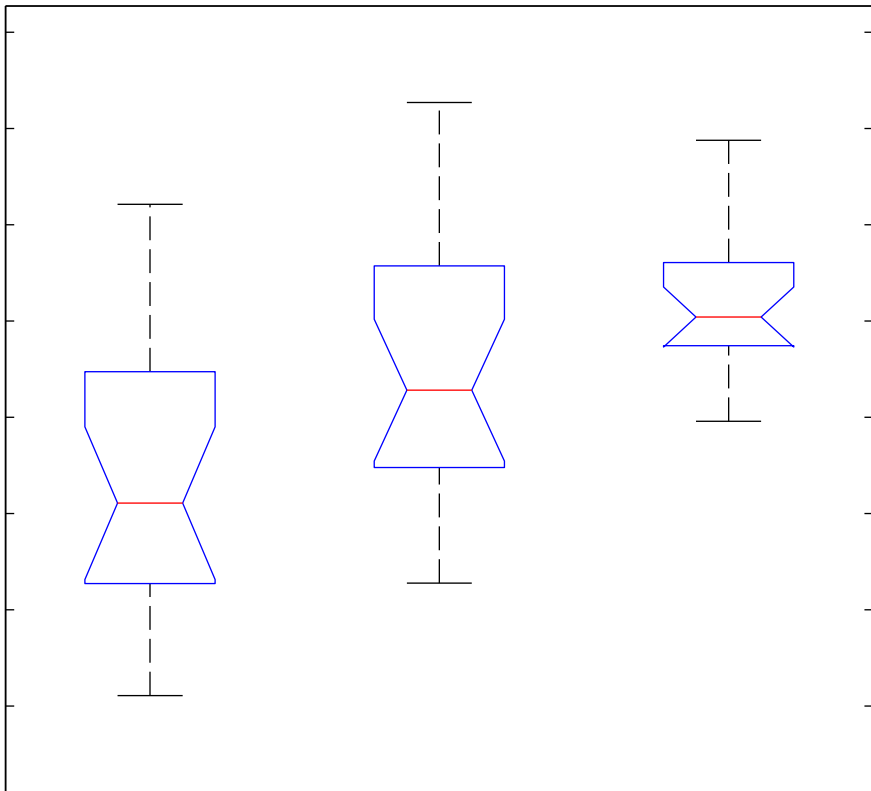
Median of ensemble monthly-mean September streamflows, in cubic feet per second

2037–55

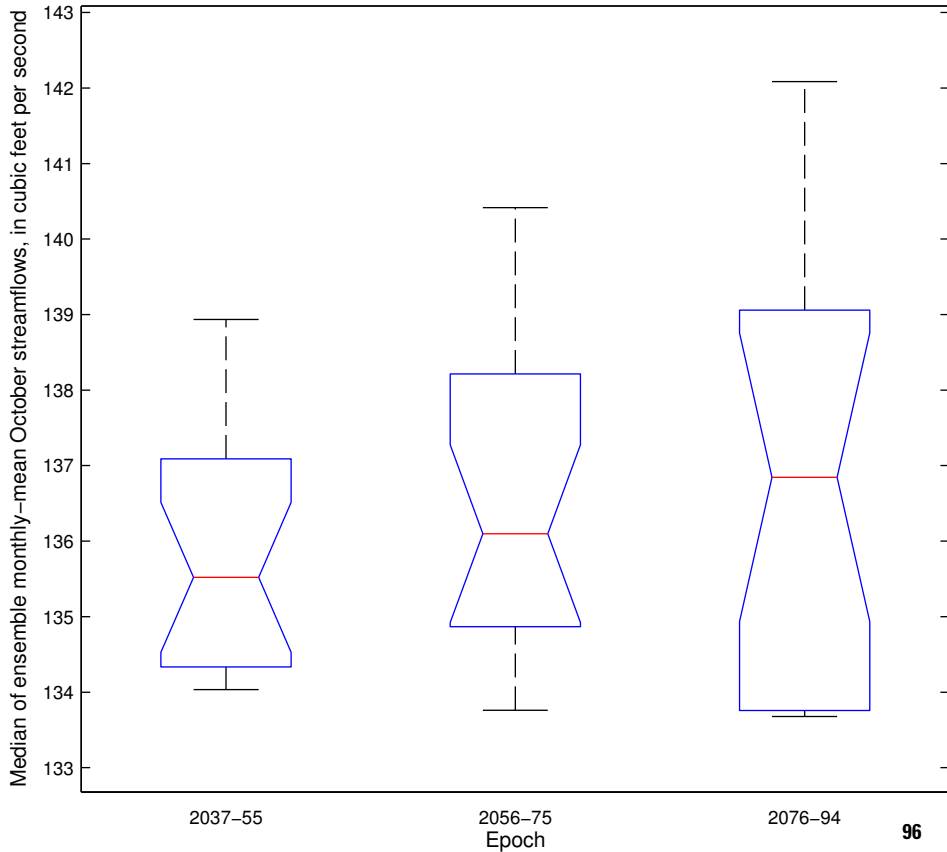
2056–75  
Epoch

2076–94

95

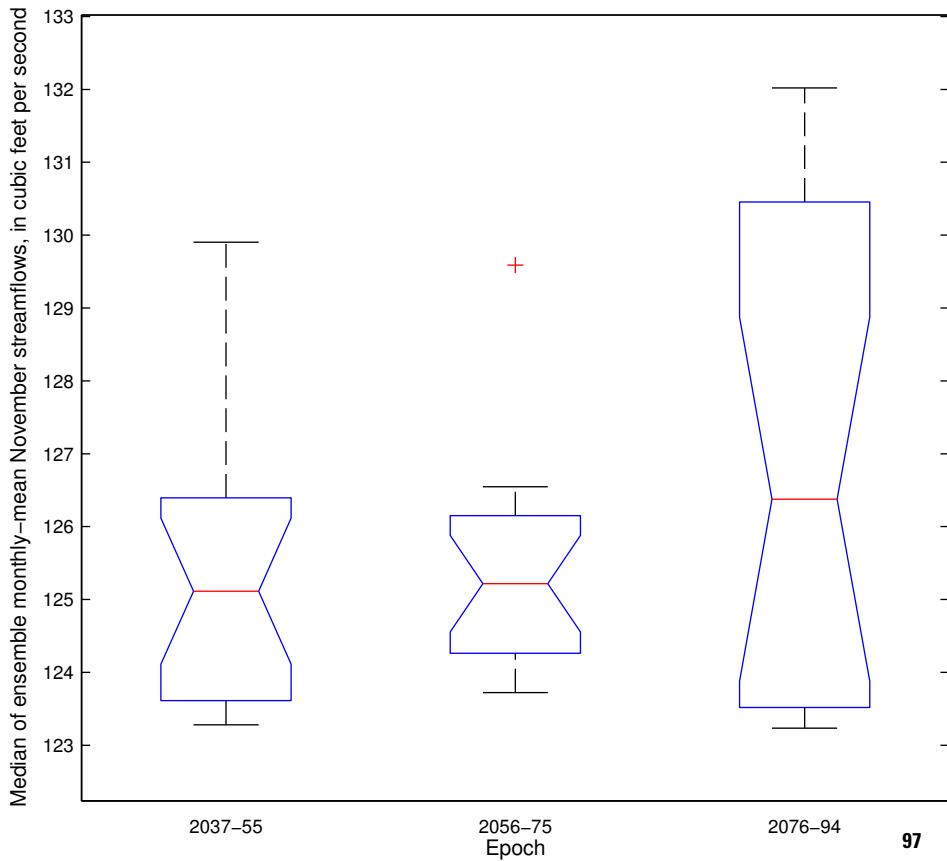


# CCOL – A1b Emission Simulation Results



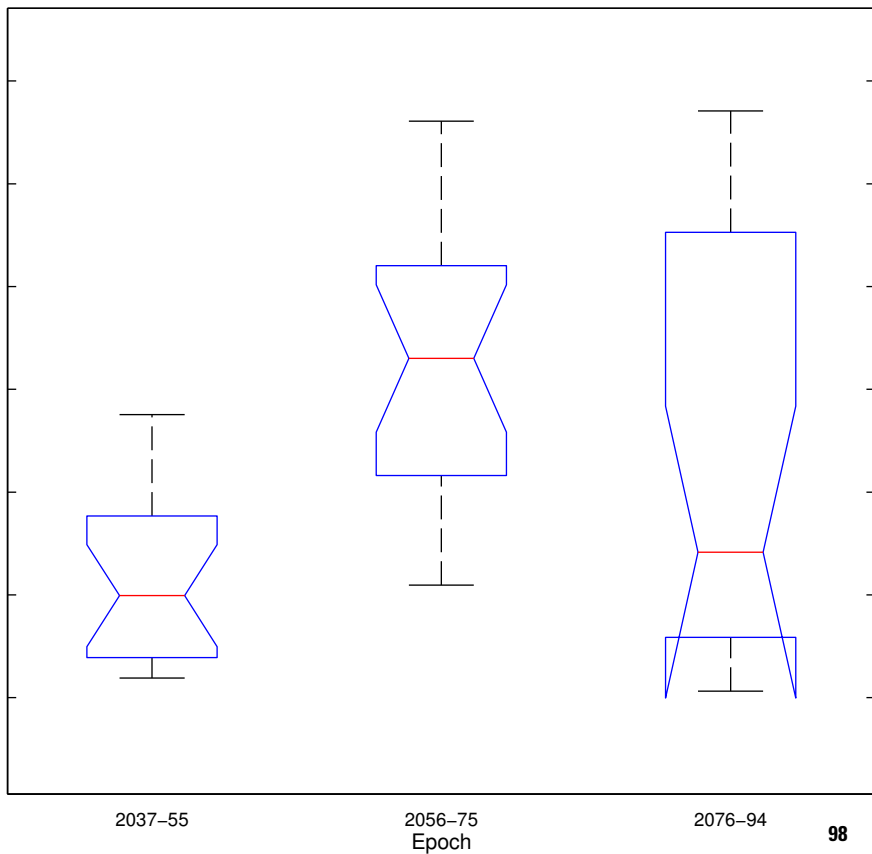


# CCOL – A1b Emission Simulation Results

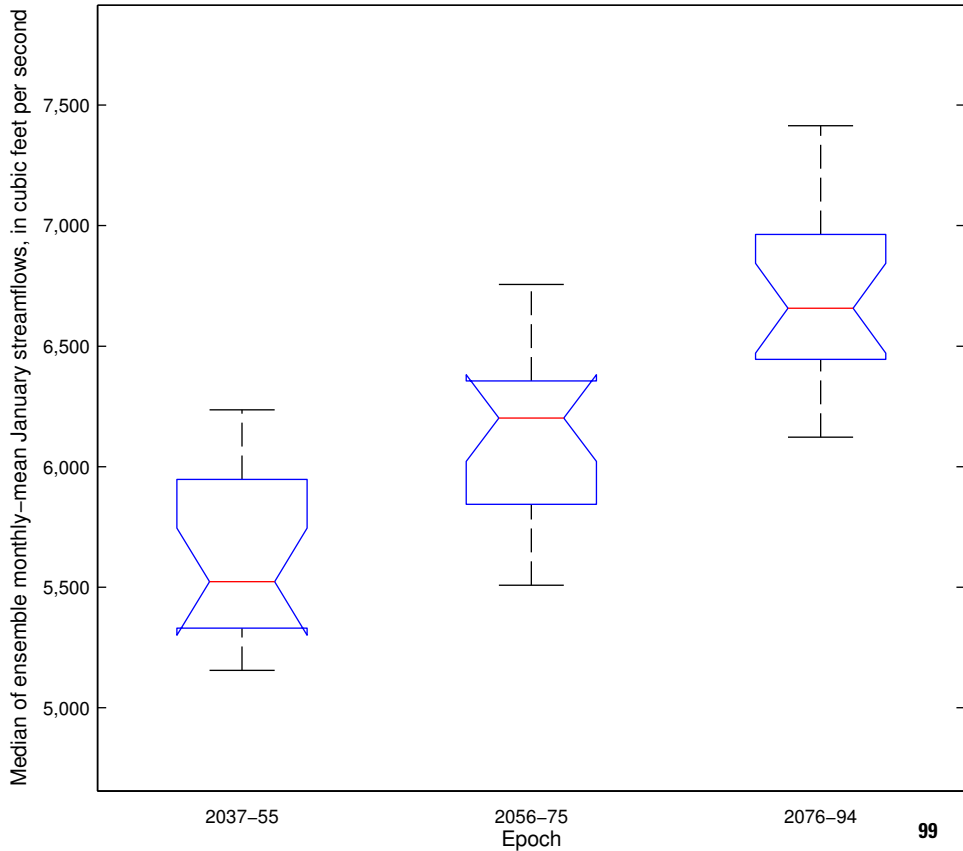


# CCOL – A1b Emission Simulation Results

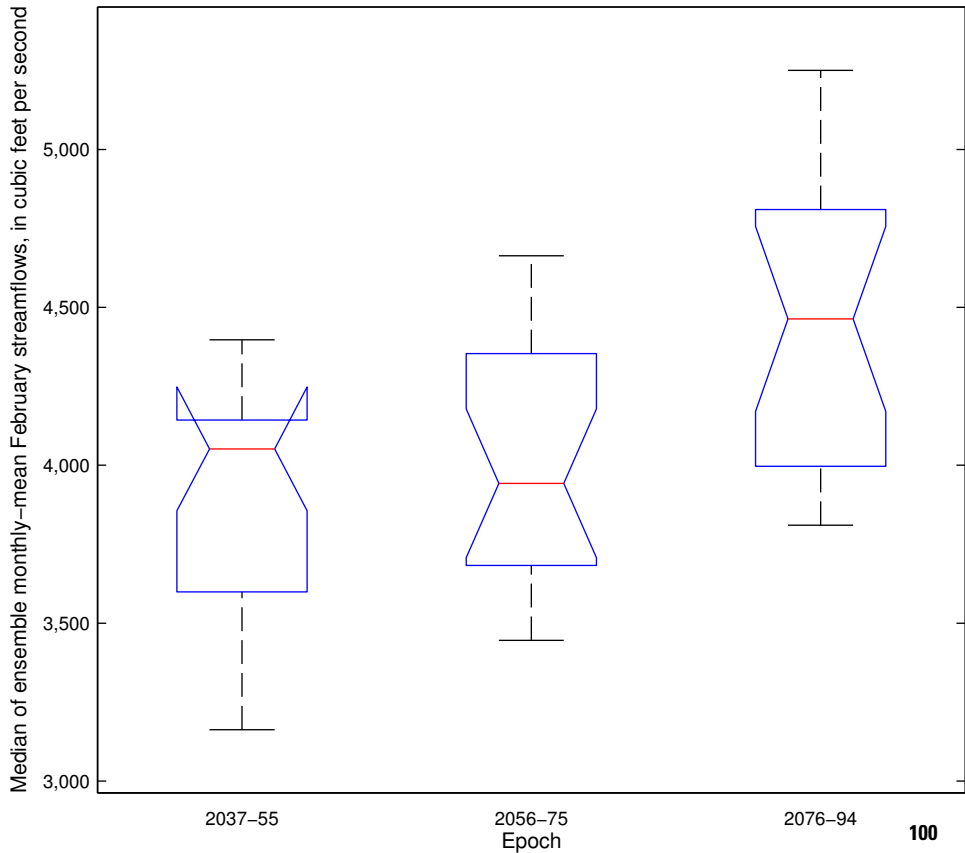
Median of ensemble monthly-mean December streamflows, in cubic feet per second



# CIRC – A2 Emission Simulation Results

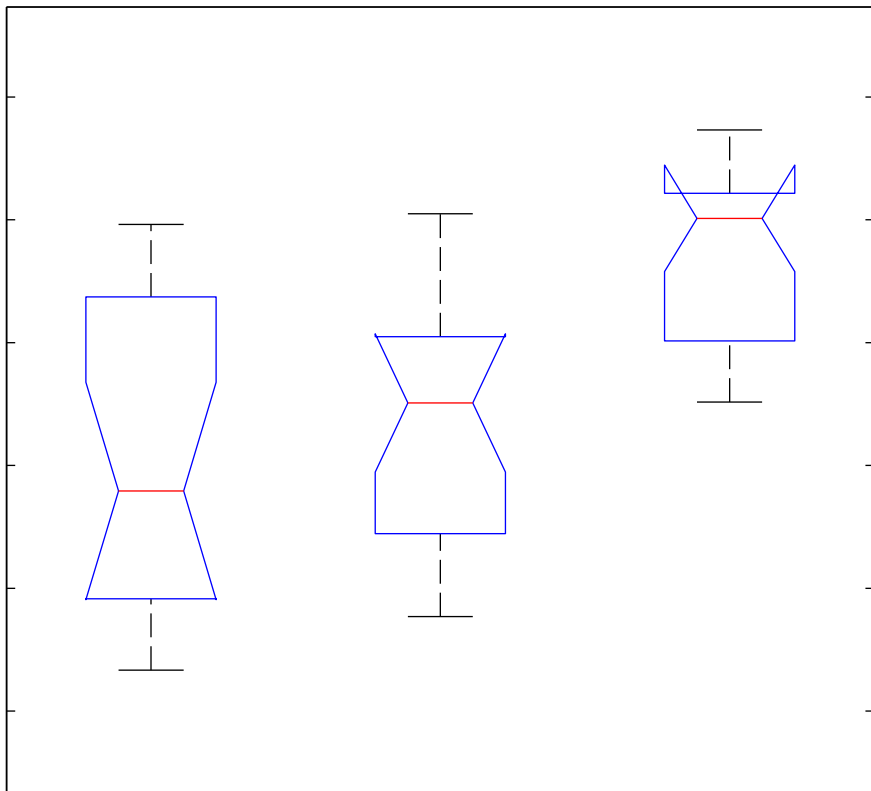


# CIRC – A2 Emission Simulation Results

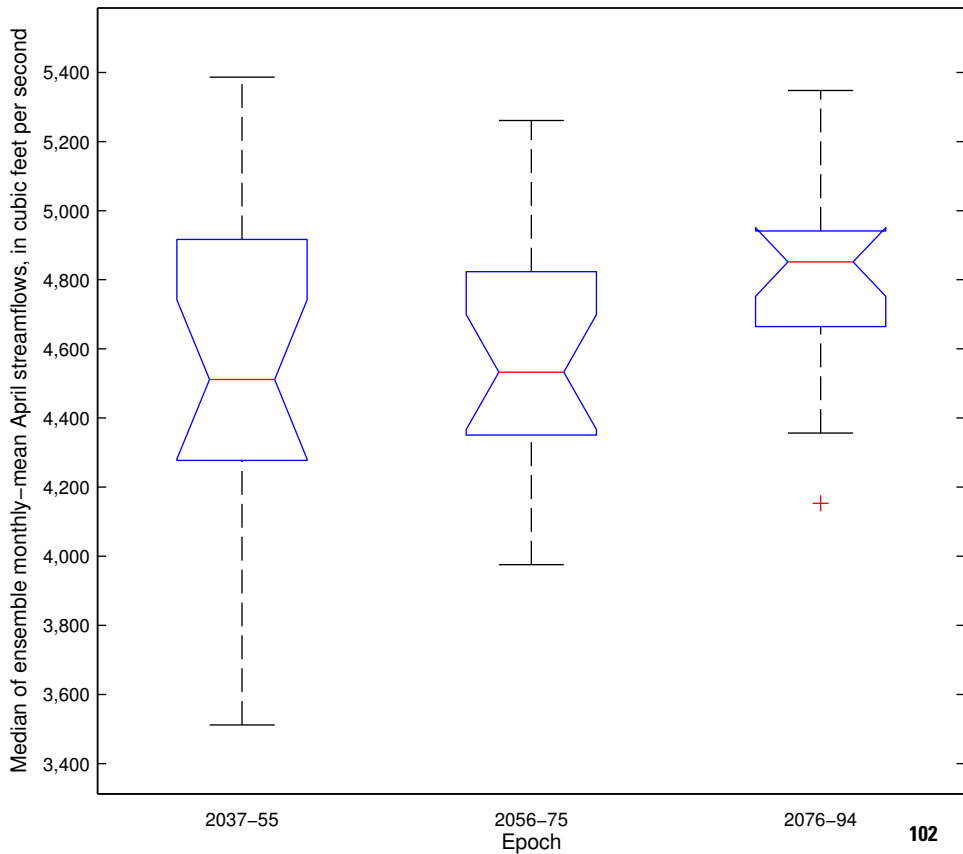


# CIRC – A2 Emission Simulation Results

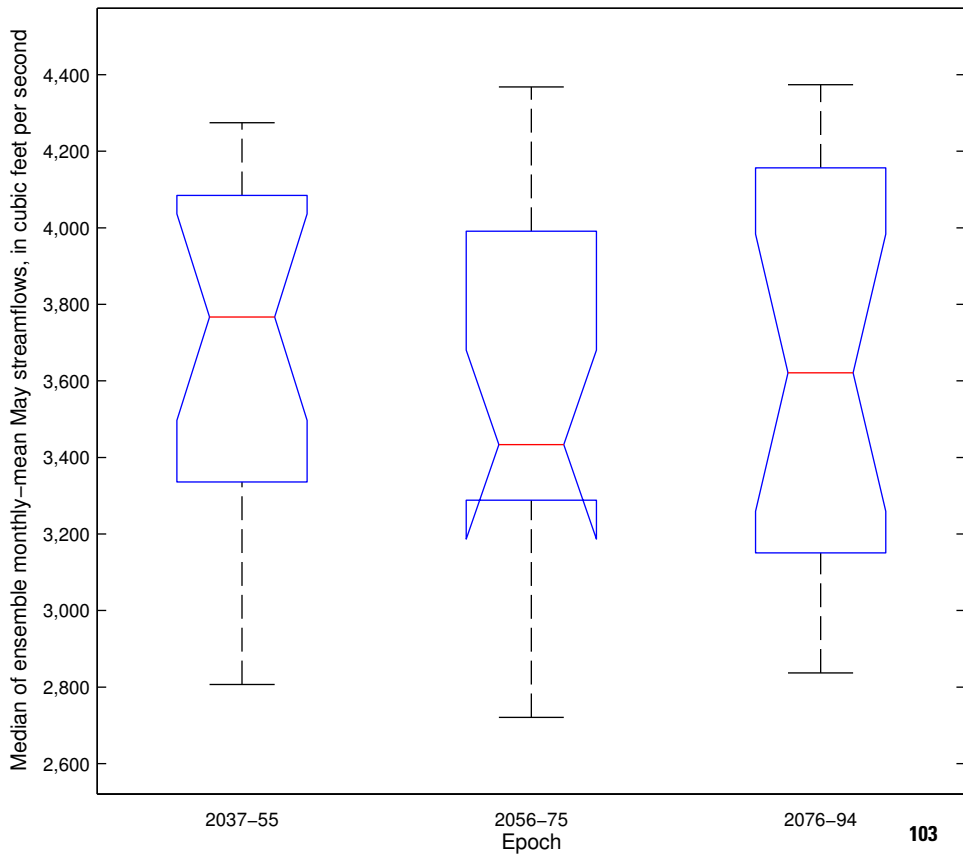
Median of ensemble monthly-mean March streamflows, in cubic feet per second



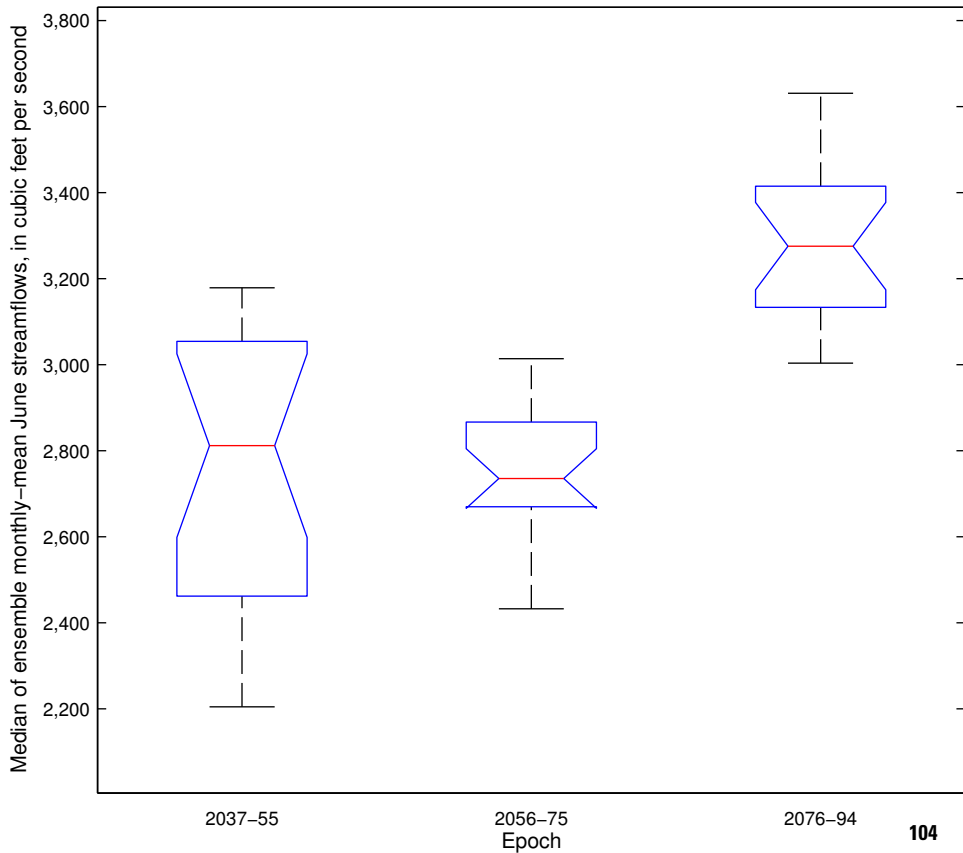
# CIRC – A2 Emission Simulation Results



# CIRC – A2 Emission Simulation Results

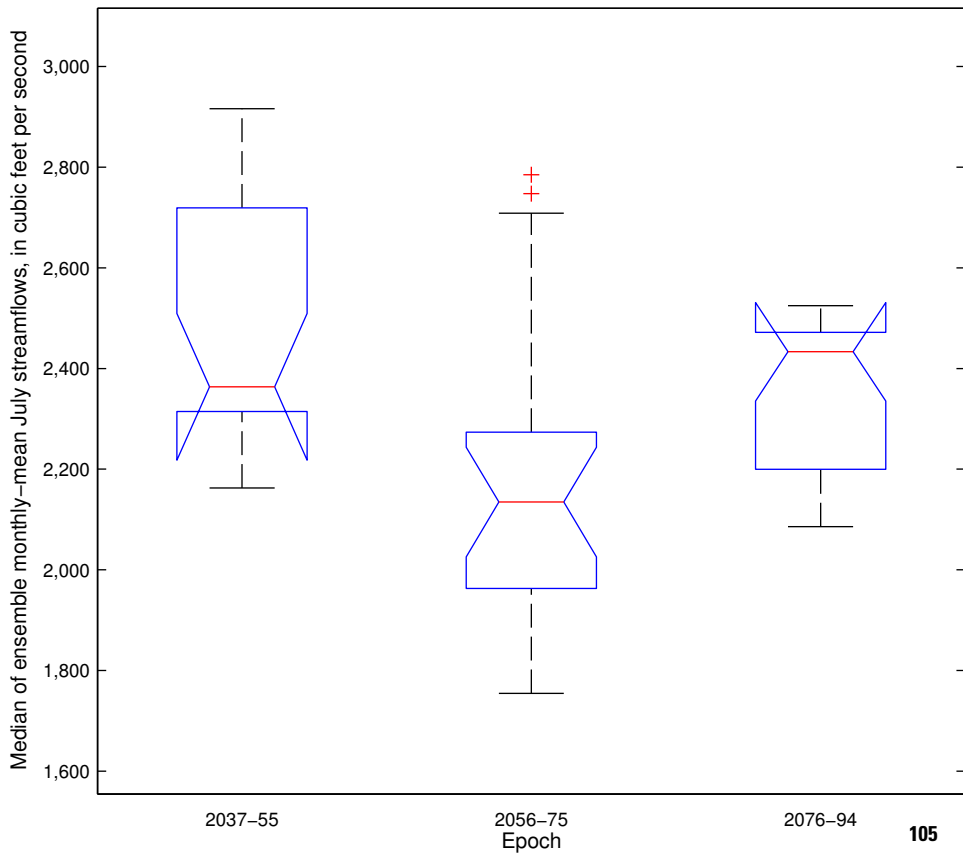


# CIRC – A2 Emission Simulation Results

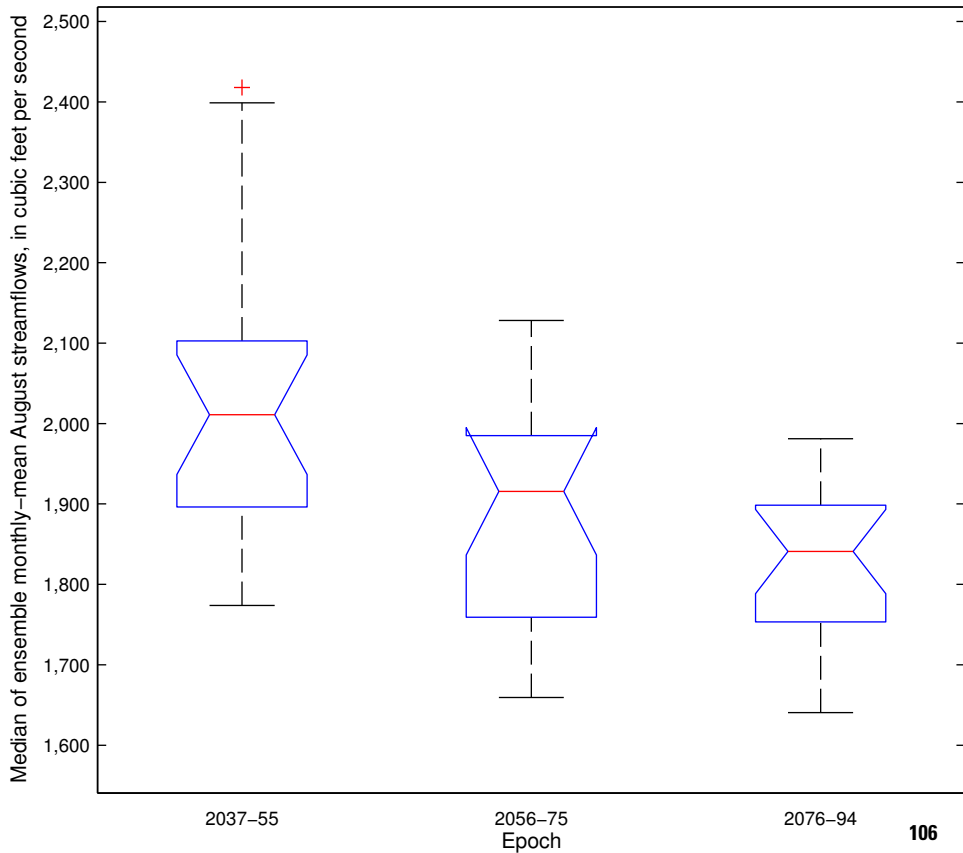




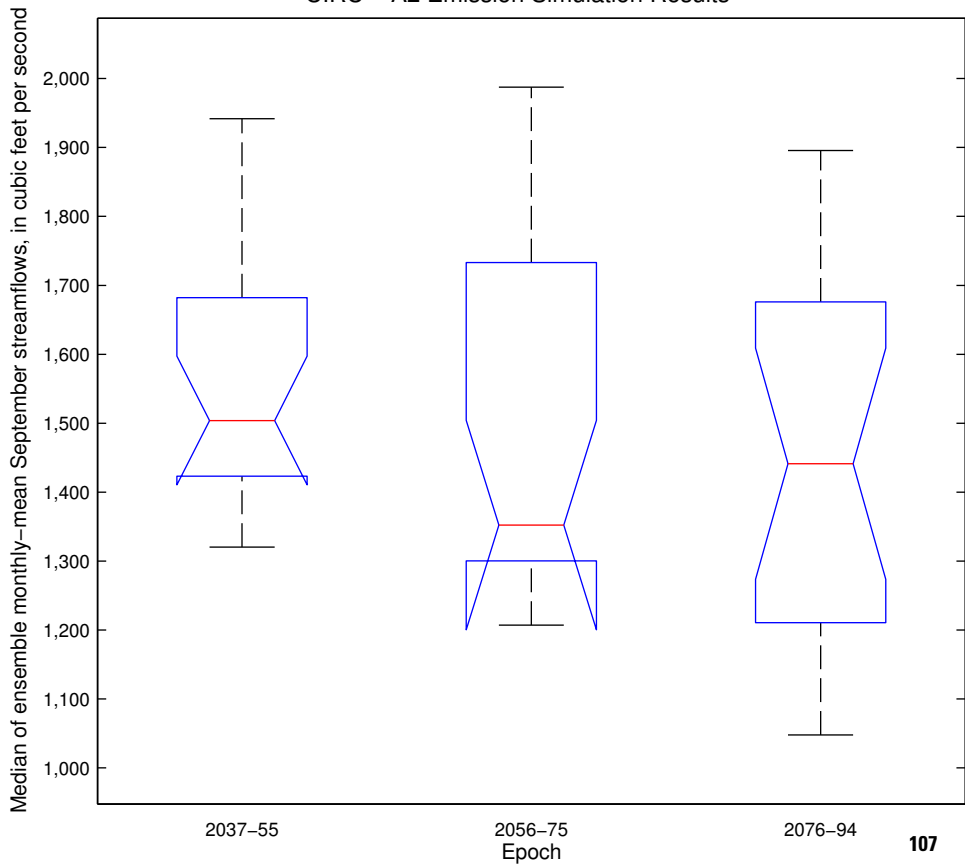
# CIRC – A2 Emission Simulation Results



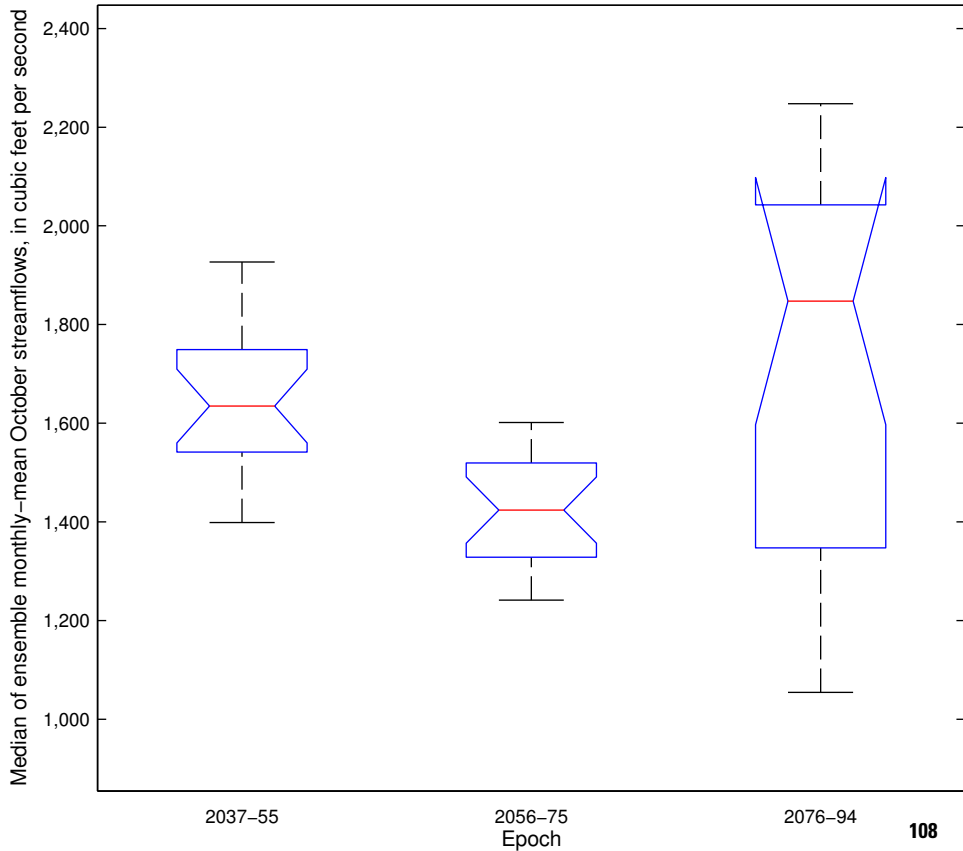
# CIRC – A2 Emission Simulation Results



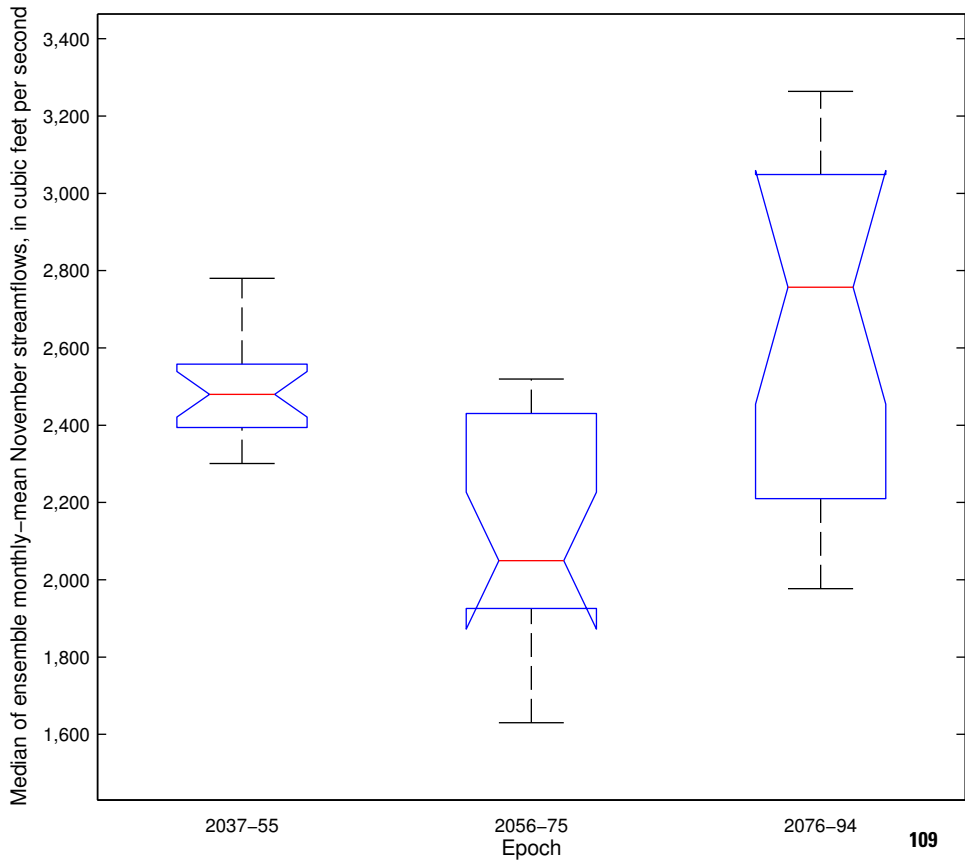
# CIRC – A2 Emission Simulation Results



# CIRC – A2 Emission Simulation Results

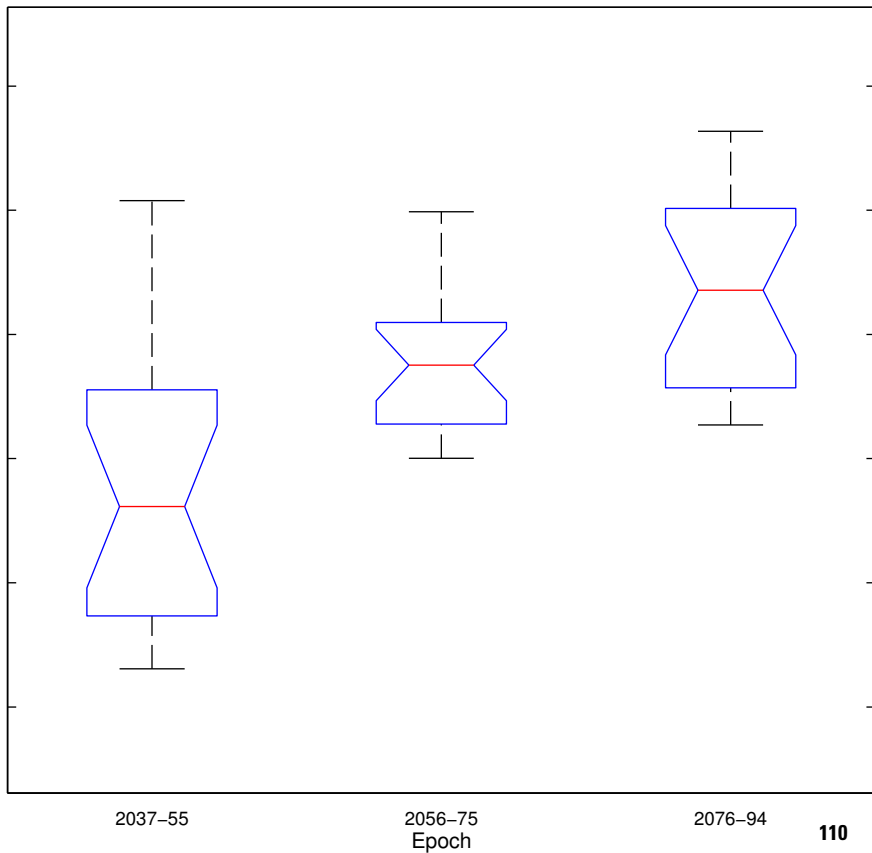


# CIRC – A2 Emission Simulation Results

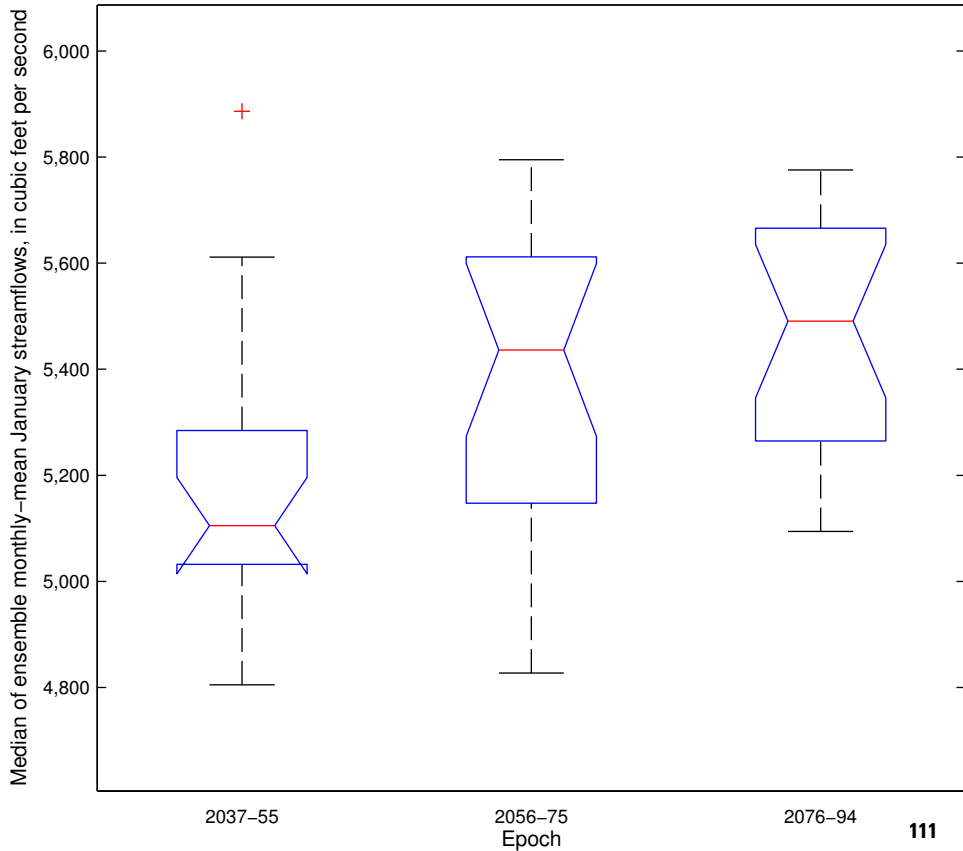


# CIRC – A2 Emission Simulation Results

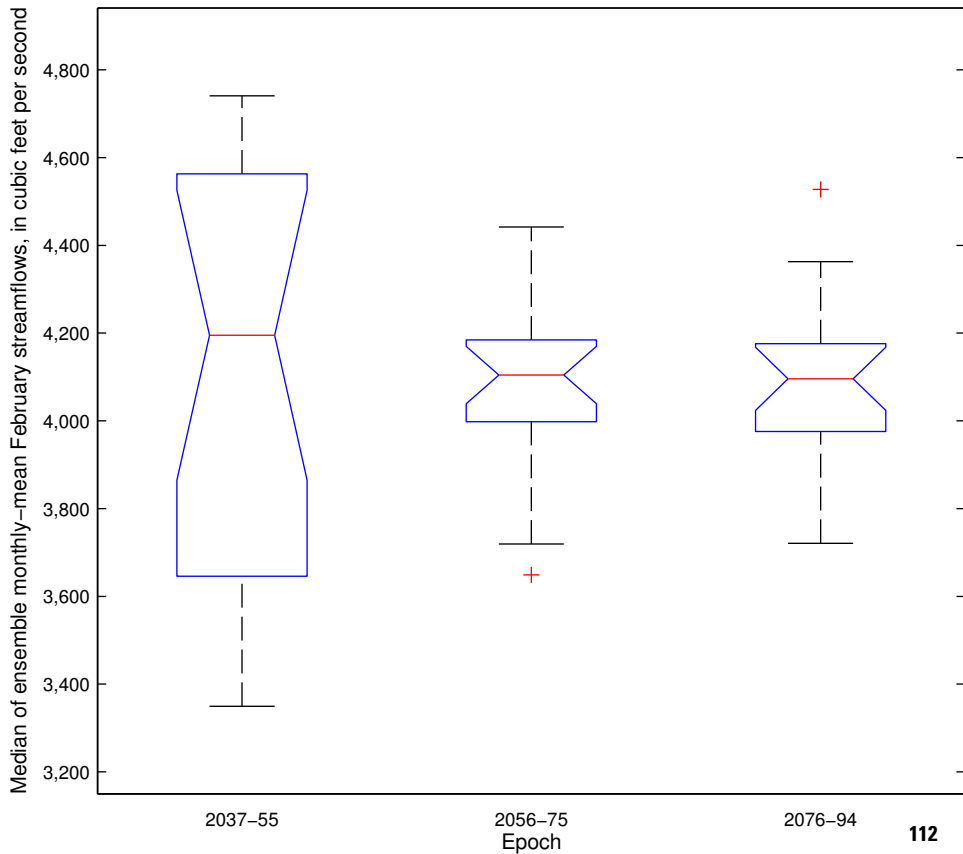
Median of ensemble monthly-mean December streamflows, in cubic feet per second



# CIRC – A1b Emission Simulation Results

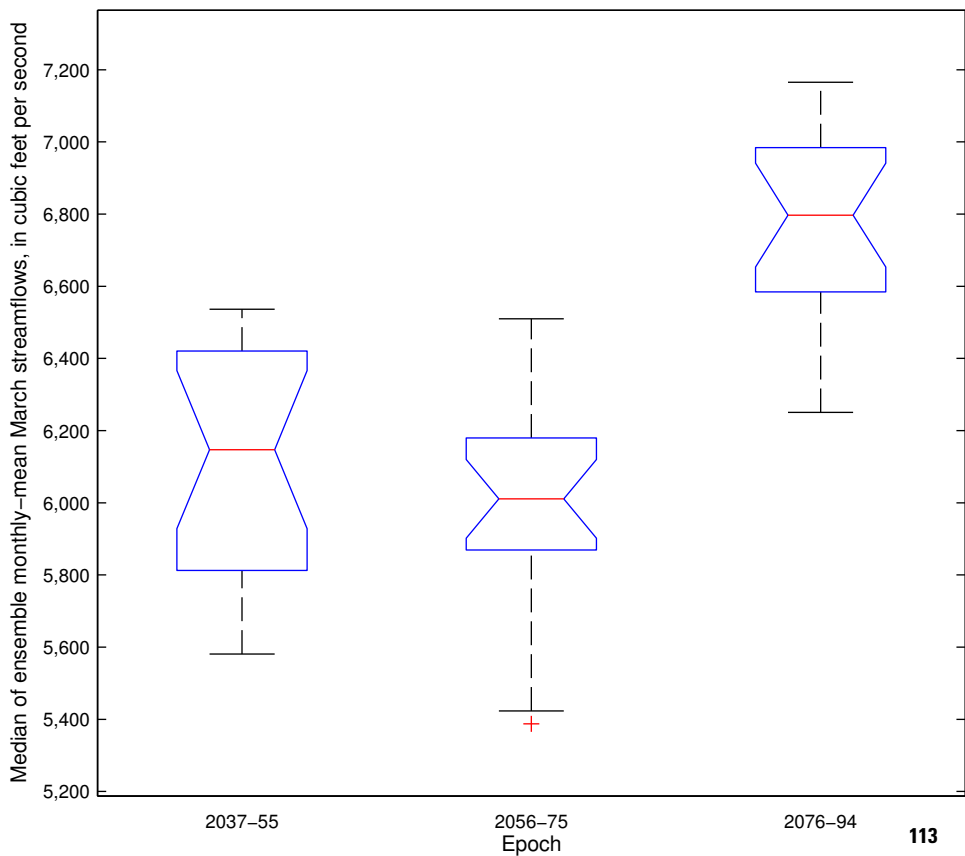


## CIRC – A1b Emission Simulation Results



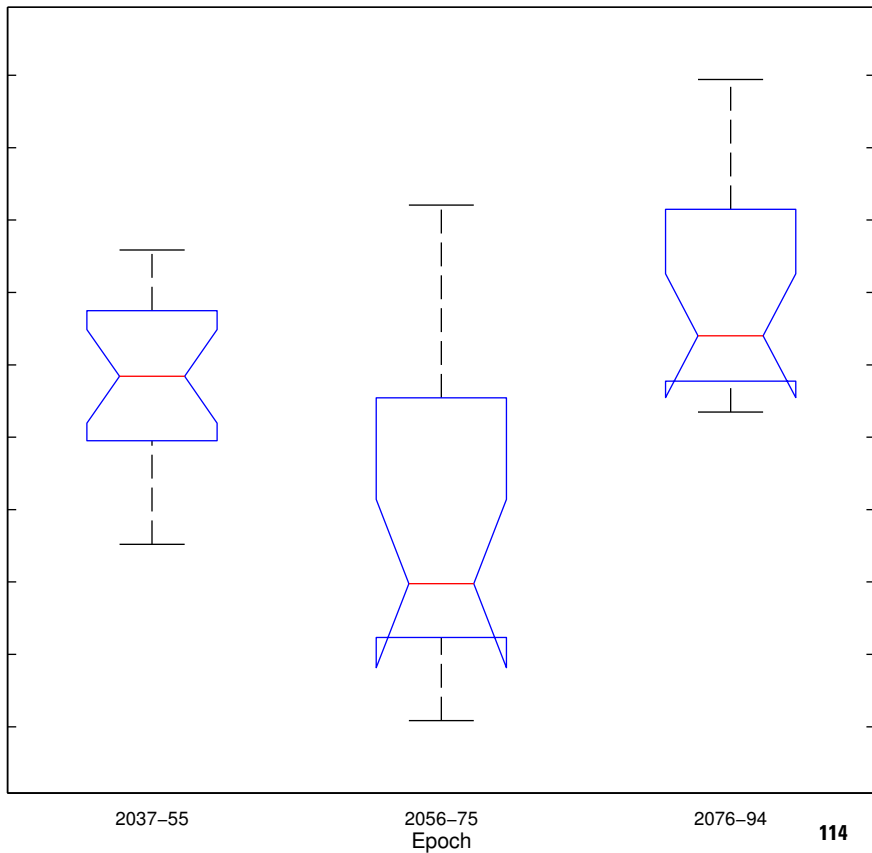


# CIRC – A1b Emission Simulation Results

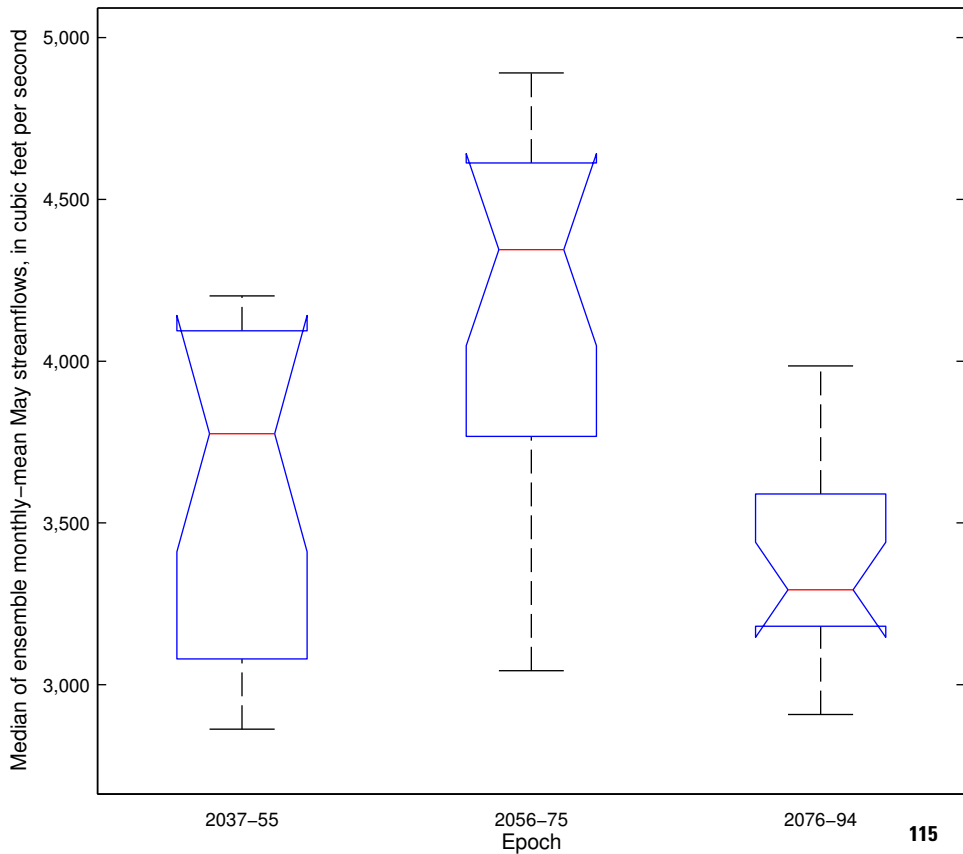


# CIRC – A1b Emission Simulation Results

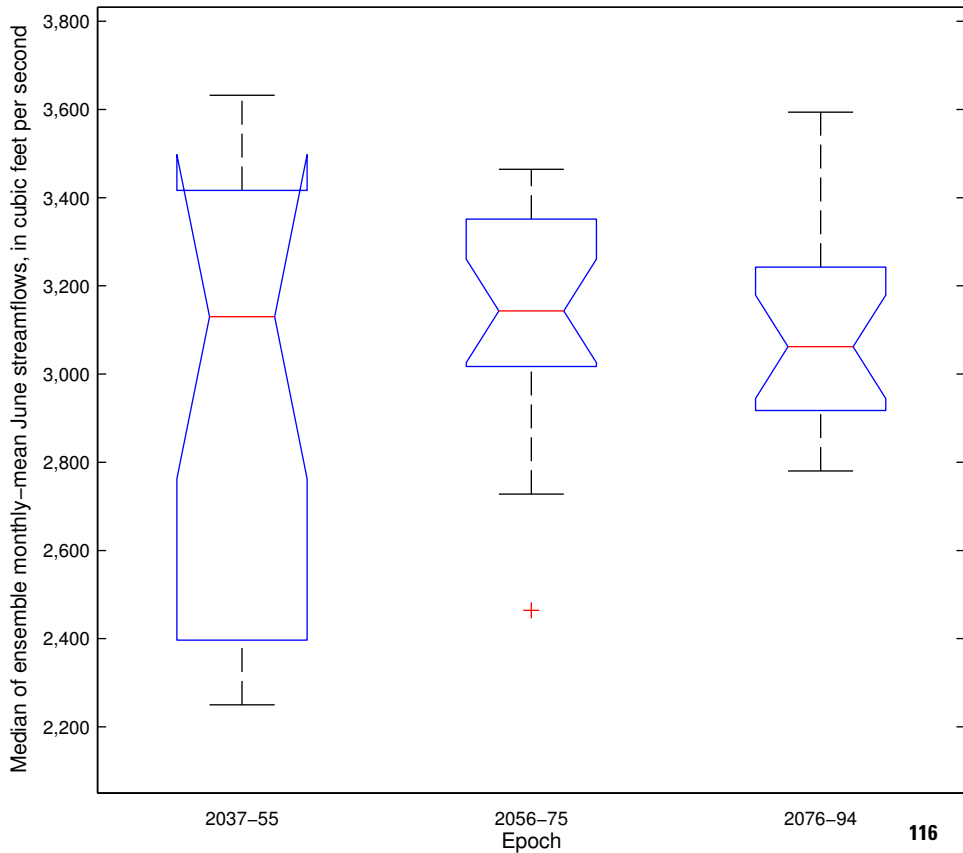
Median of ensemble monthly—mean April streamflows, in cubic feet per second



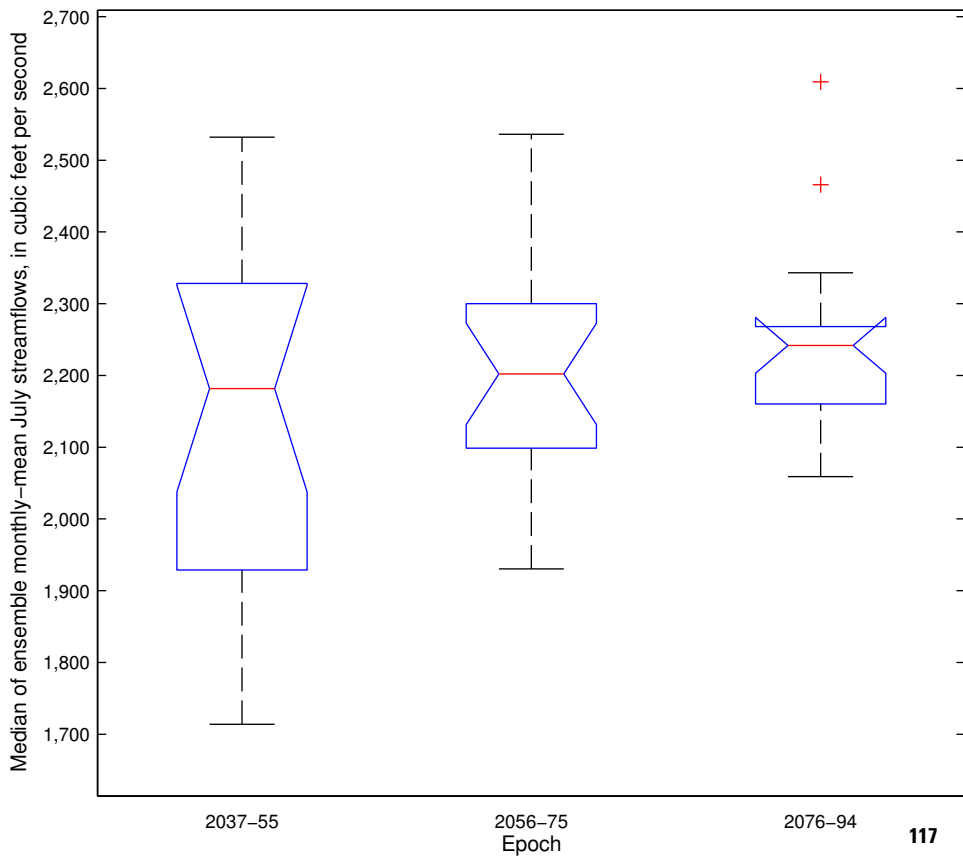
# CIRC – A1b Emission Simulation Results



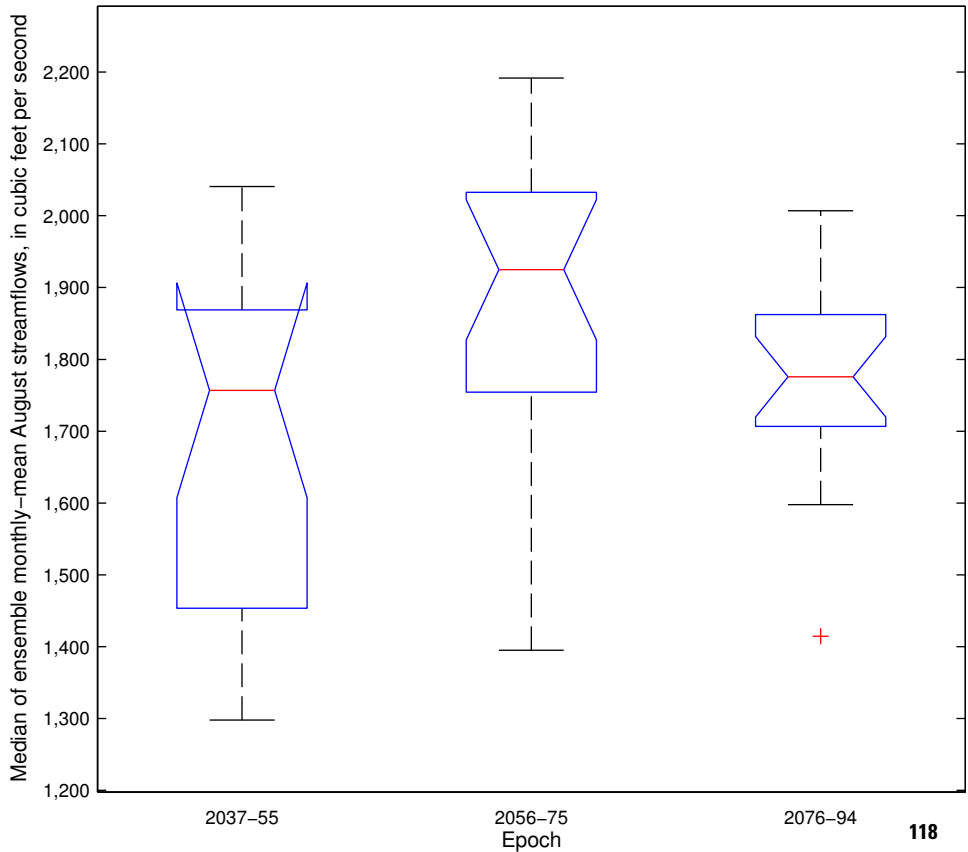
# CIRC – A1b Emission Simulation Results



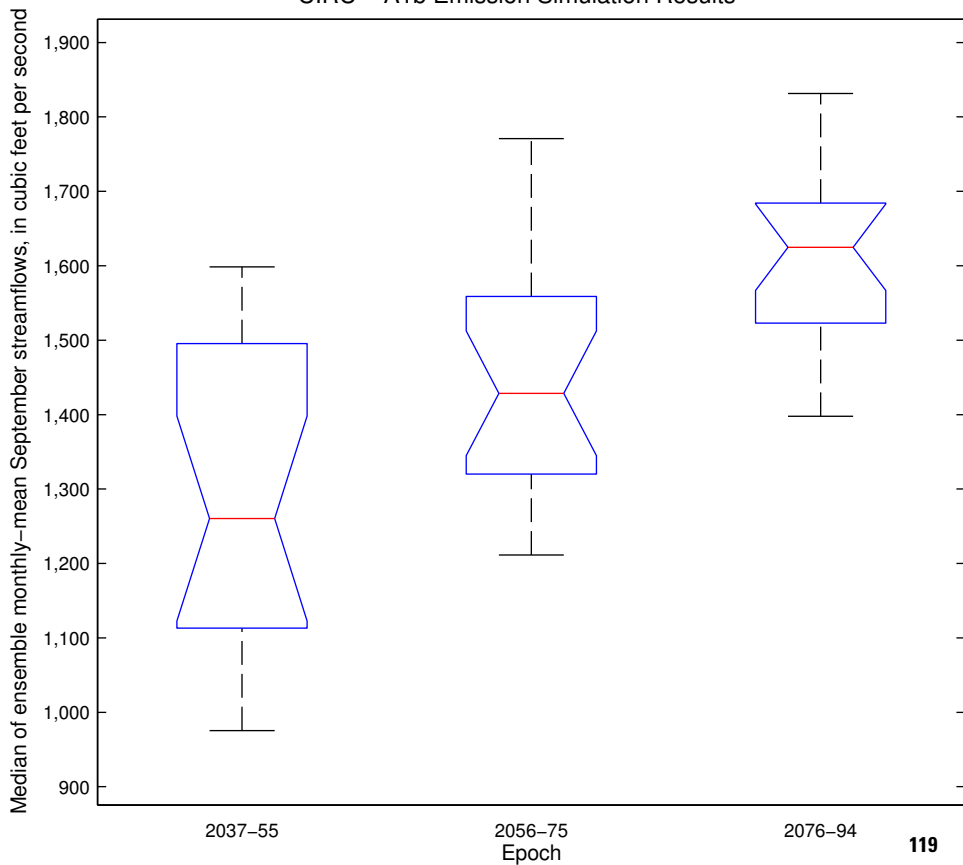
# CIRC – A1b Emission Simulation Results



# CIRC – A1b Emission Simulation Results

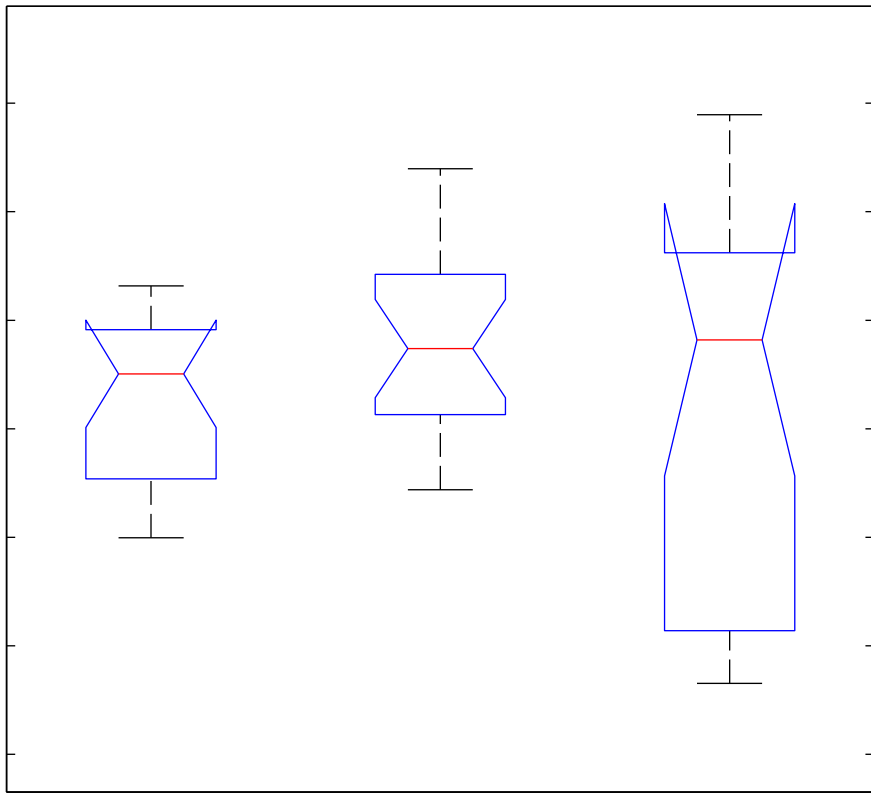


# CIRC – A1b Emission Simulation Results



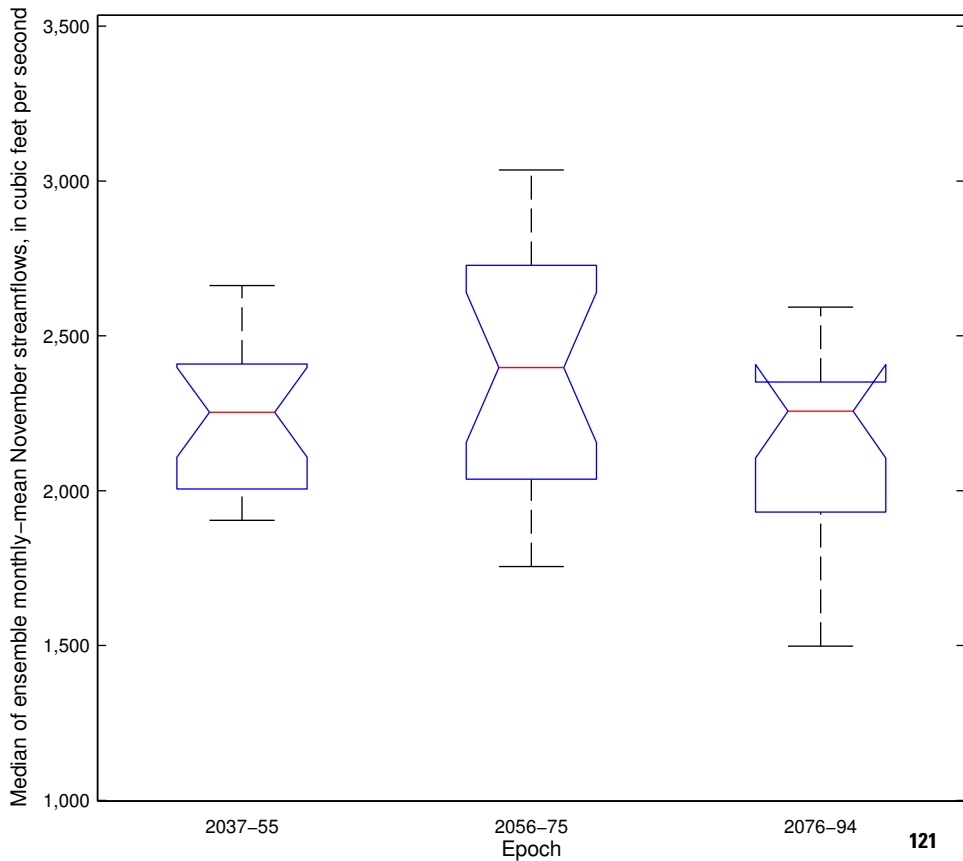
# CIRC – A1b Emission Simulation Results

Median of ensemble monthly-mean October streamflows, in cubic feet per second

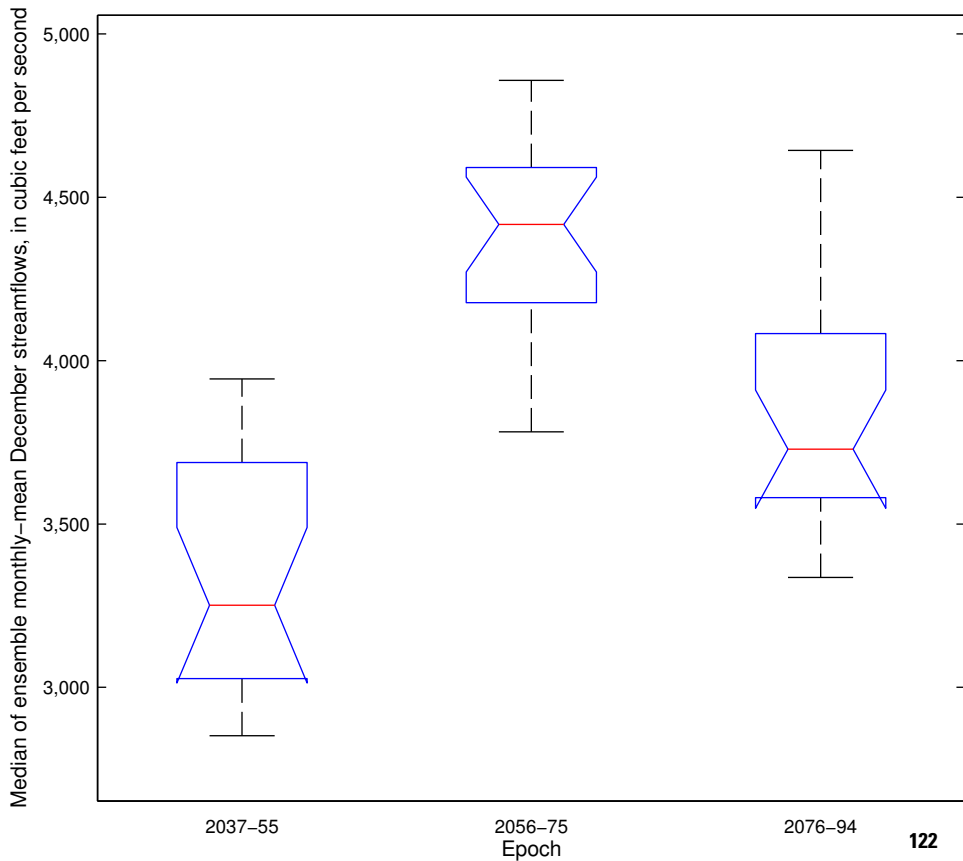




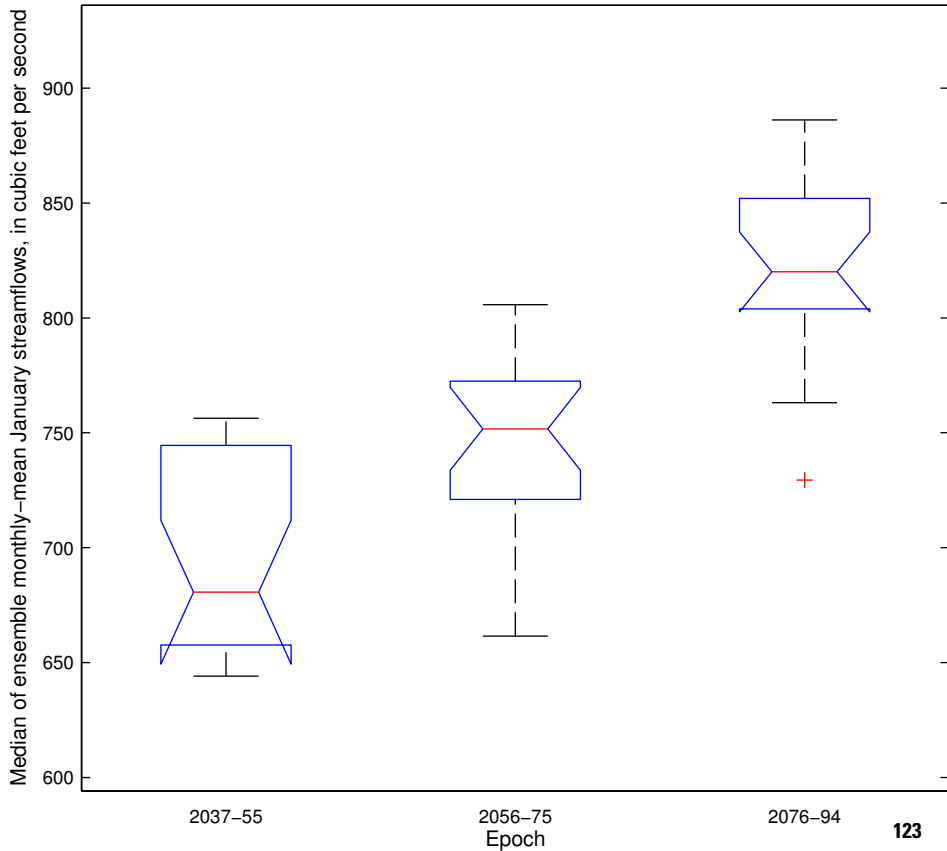
# CIRC – A1b Emission Simulation Results



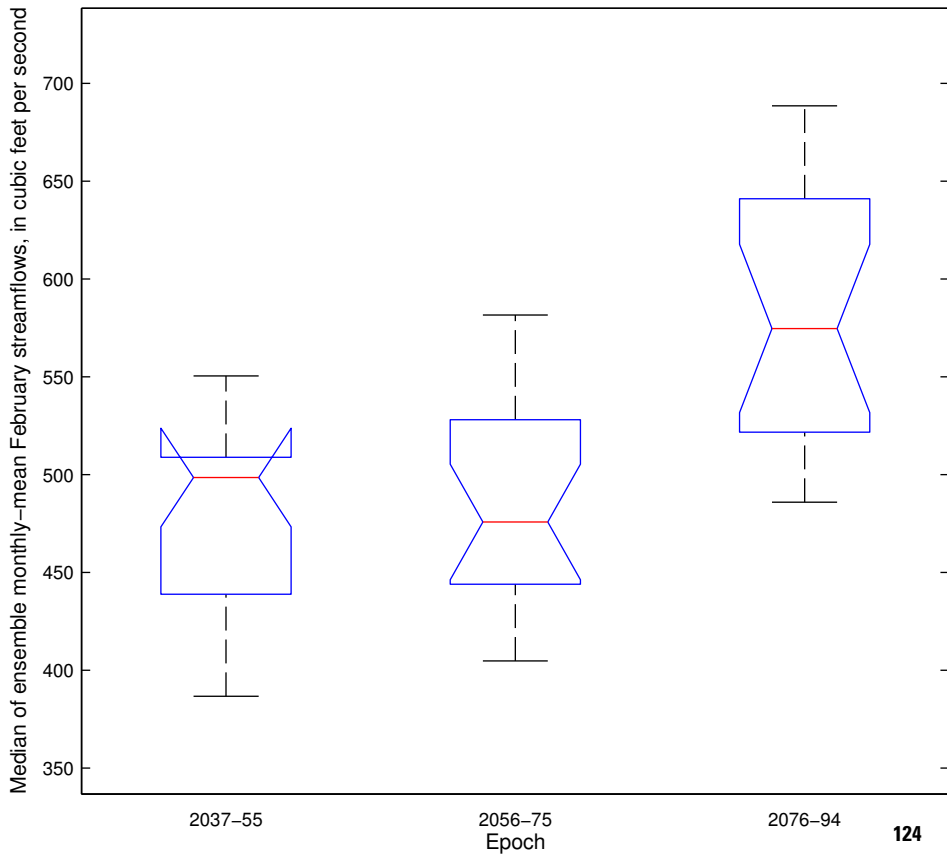
# CIRC – A1b Emission Simulation Results



# DELA – A2 Emission Simulation Results

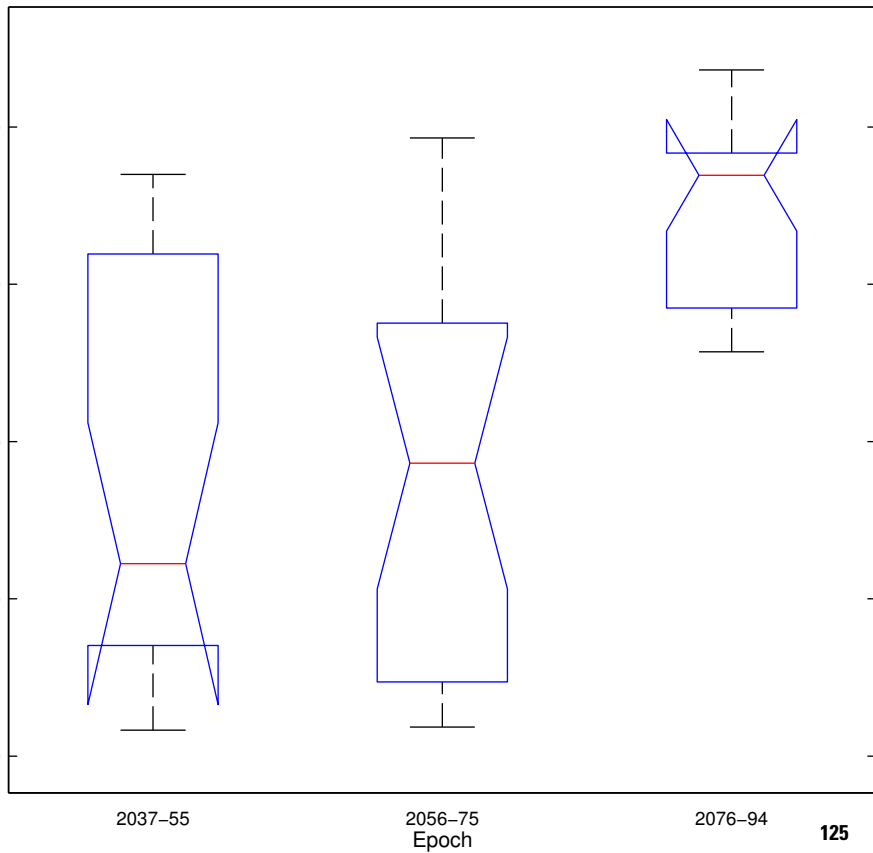


# DELA – A2 Emission Simulation Results

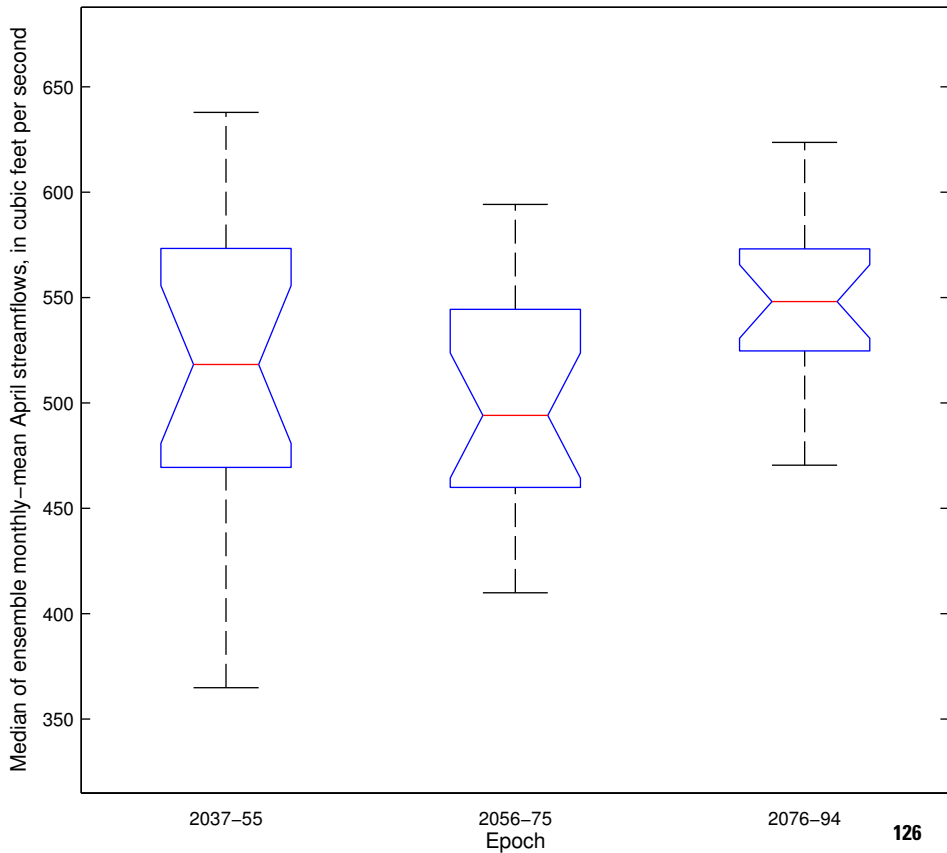


## DELA – A2 Emission Simulation Results

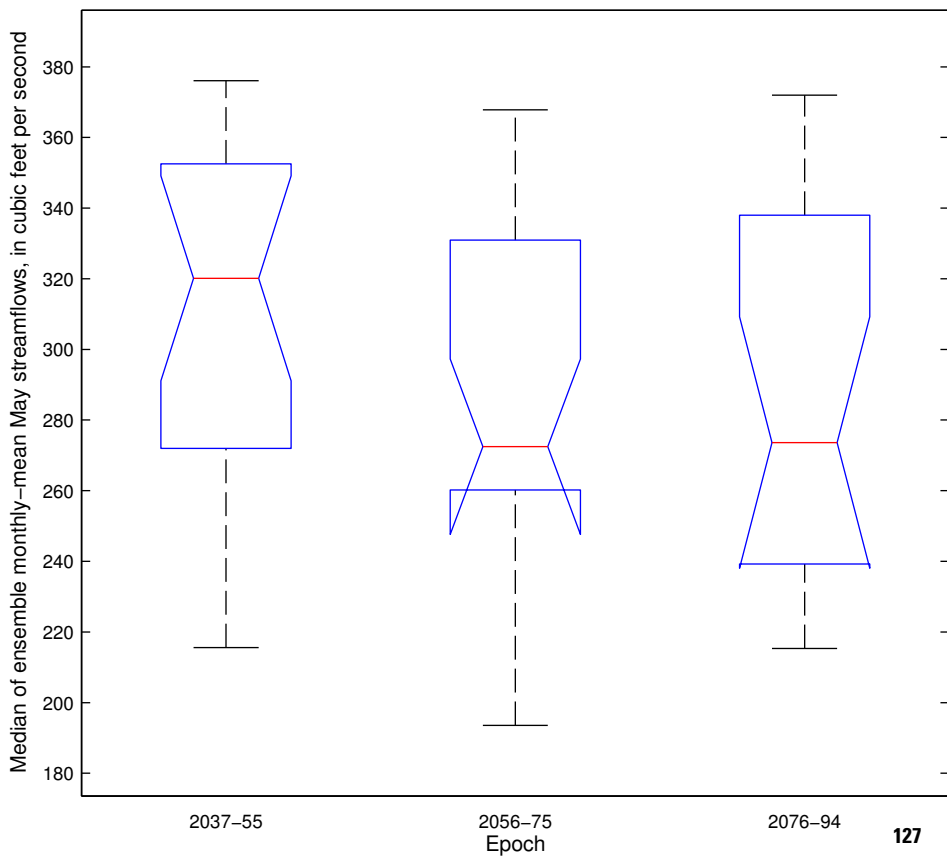
Median of ensemble monthly-mean March streamflows, in cubic feet per second



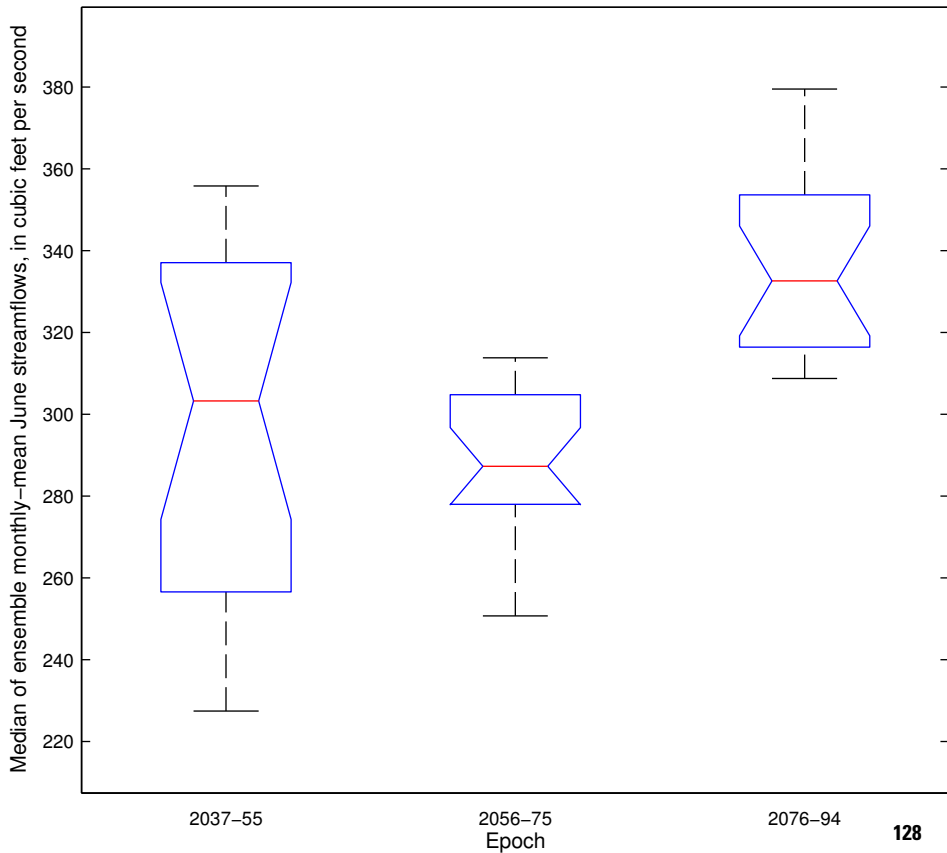
## DELA – A2 Emission Simulation Results



# DELA – A2 Emission Simulation Results

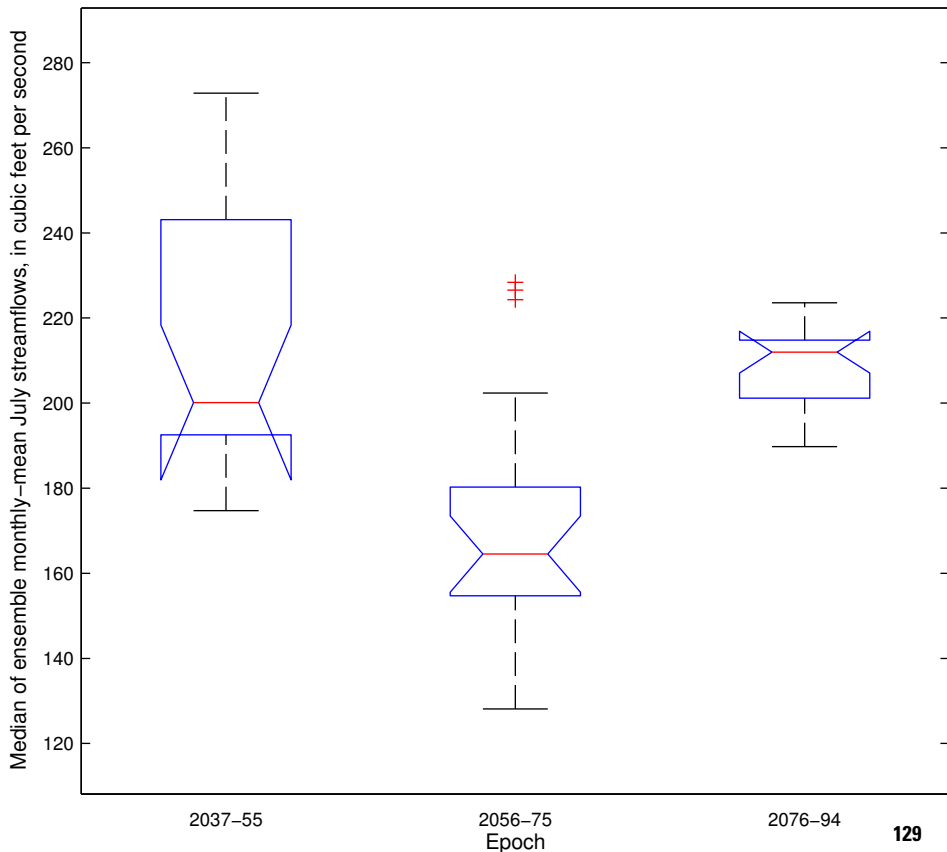


## DELA – A2 Emission Simulation Results





# DELA – A2 Emission Simulation Results



# DELA – A2 Emission Simulation Results

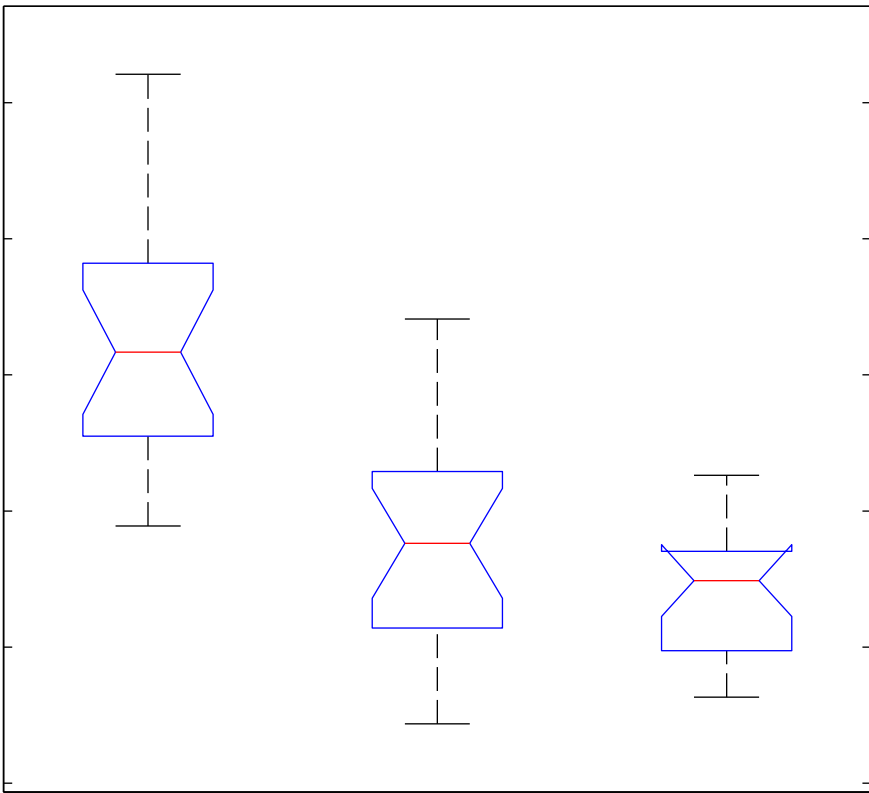
Median of ensemble monthly–mean August streamflows, in cubic feet per second

2037–55

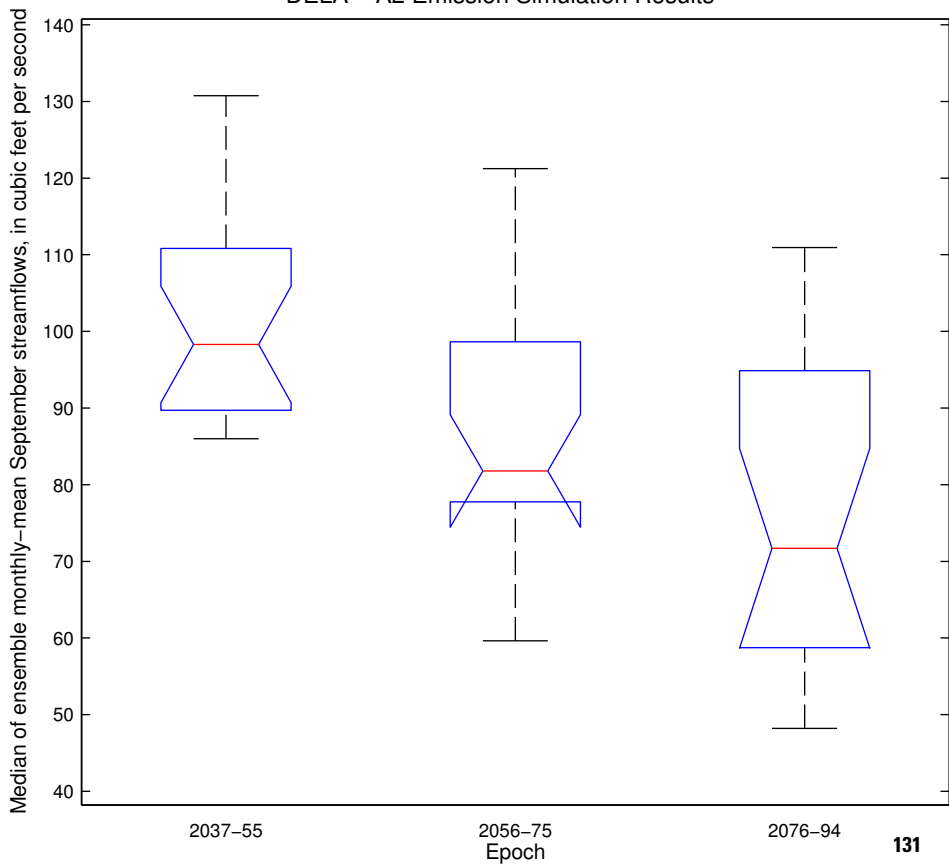
2056–75  
Epoch

2076–94

130

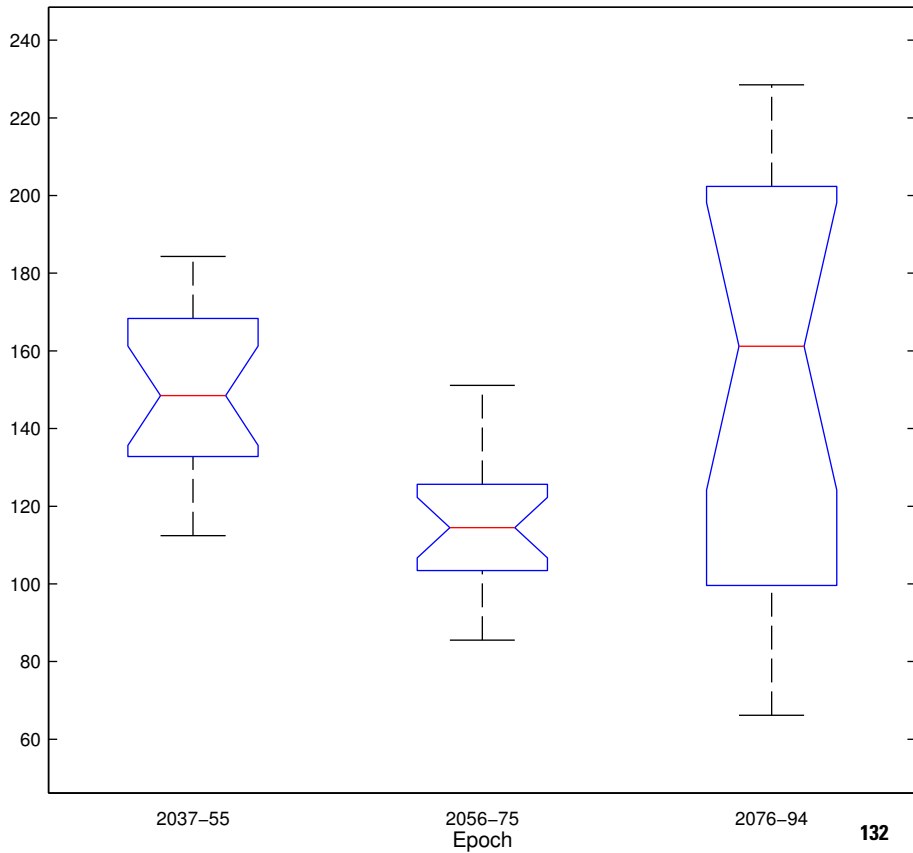


# DELA – A2 Emission Simulation Results



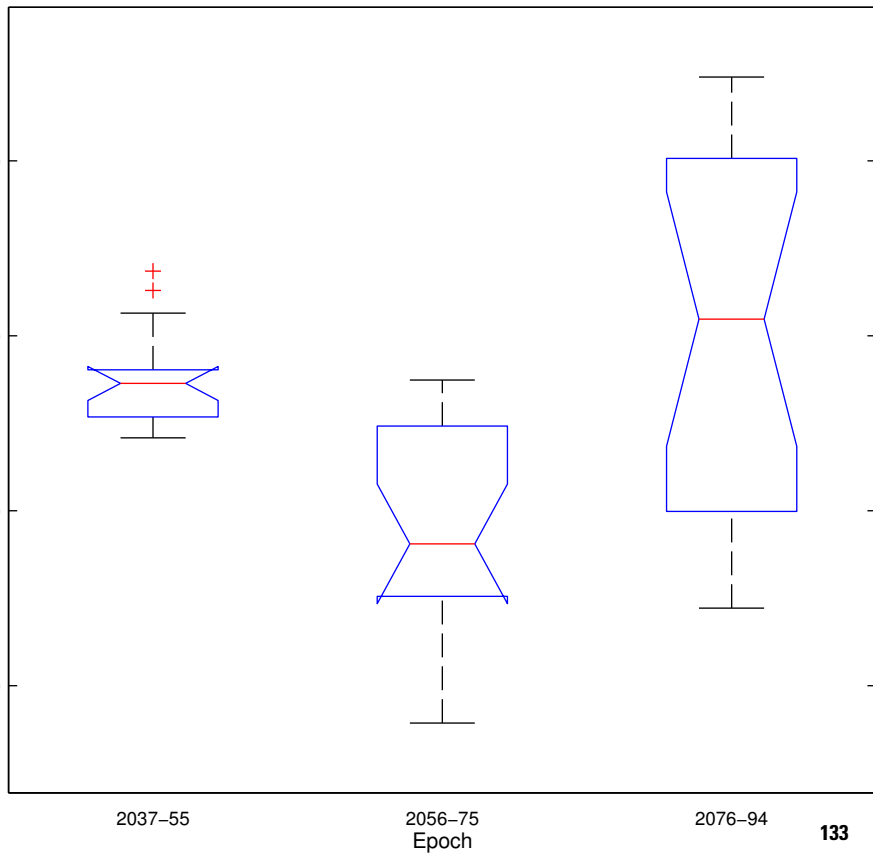
## DELA – A2 Emission Simulation Results

Median of ensemble monthly–mean October streamflows, in cubic feet per second



# DELA – A2 Emission Simulation Results

Median of ensemble monthly-mean November streamflows, in cubic feet per second



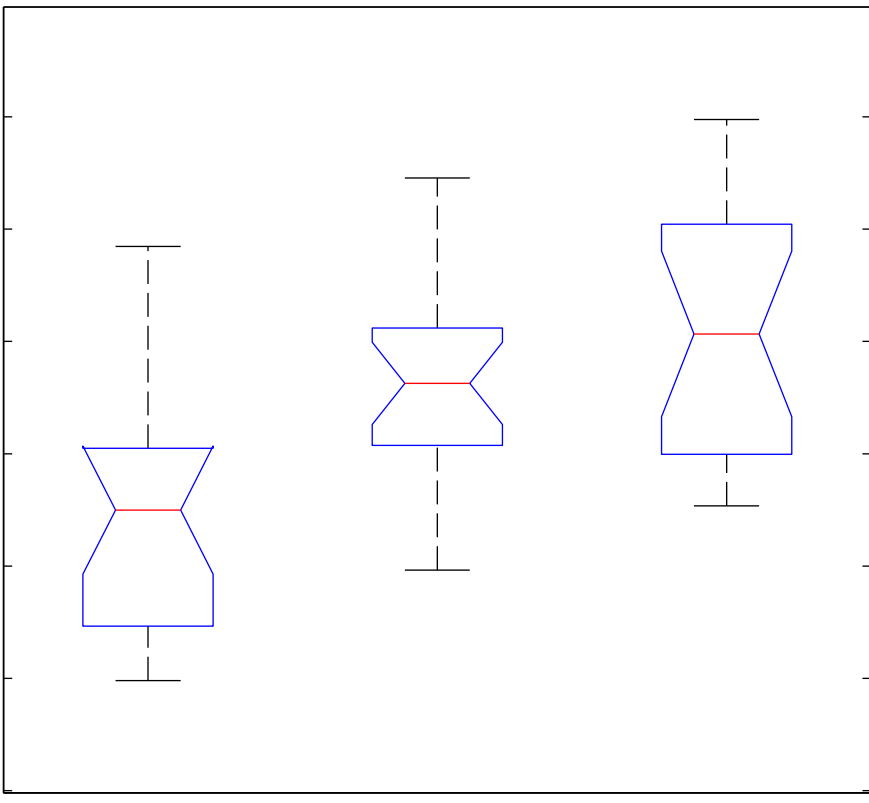
# DELA – A2 Emission Simulation Results

Median of ensemble monthly-mean December streamflows, in cubic feet per second

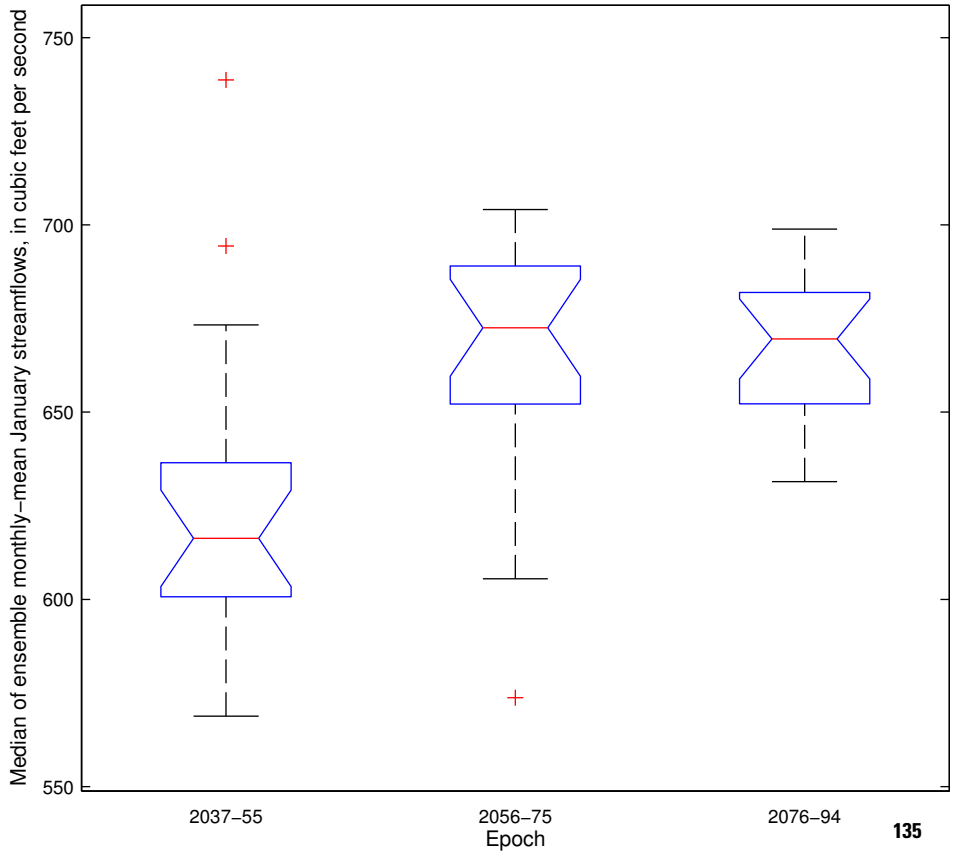
2037–55

2056–75  
Epoch

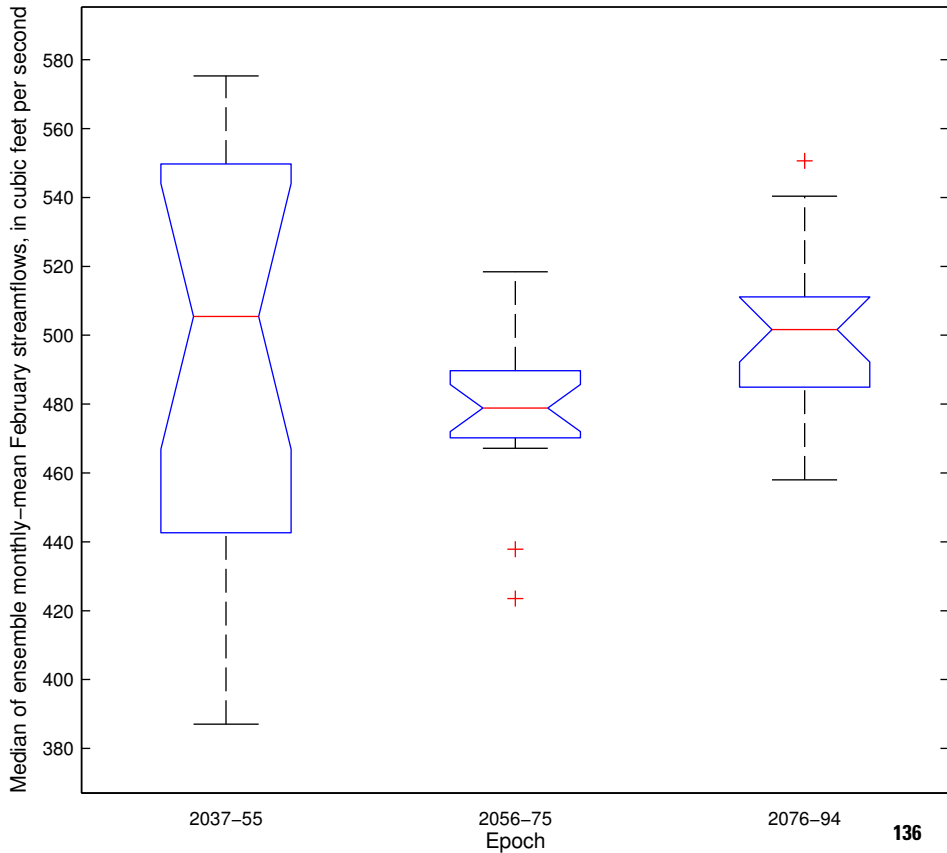
2076–94



# DELA – A1b Emission Simulation Results

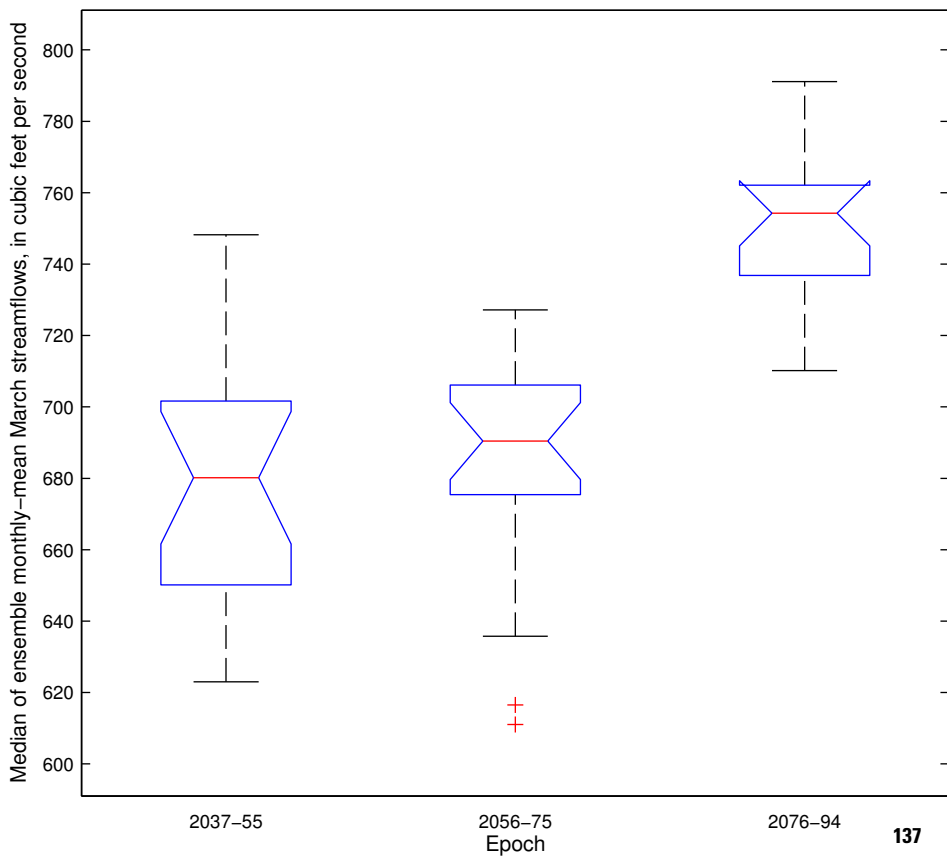


# DELA – A1b Emission Simulation Results

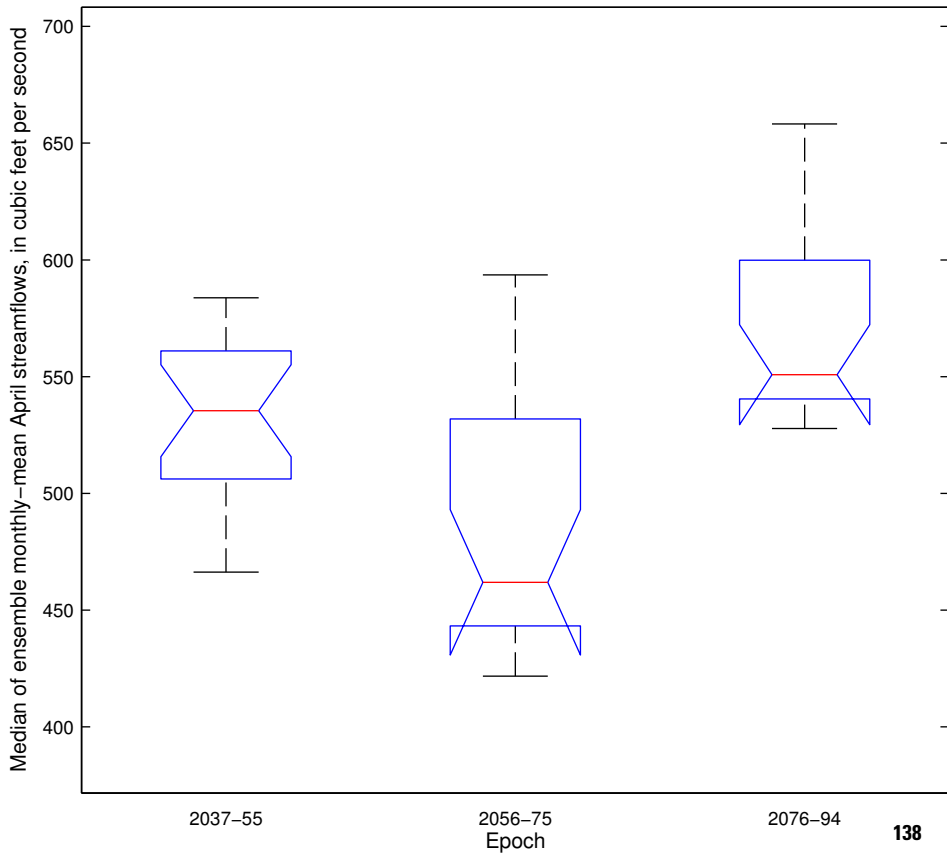




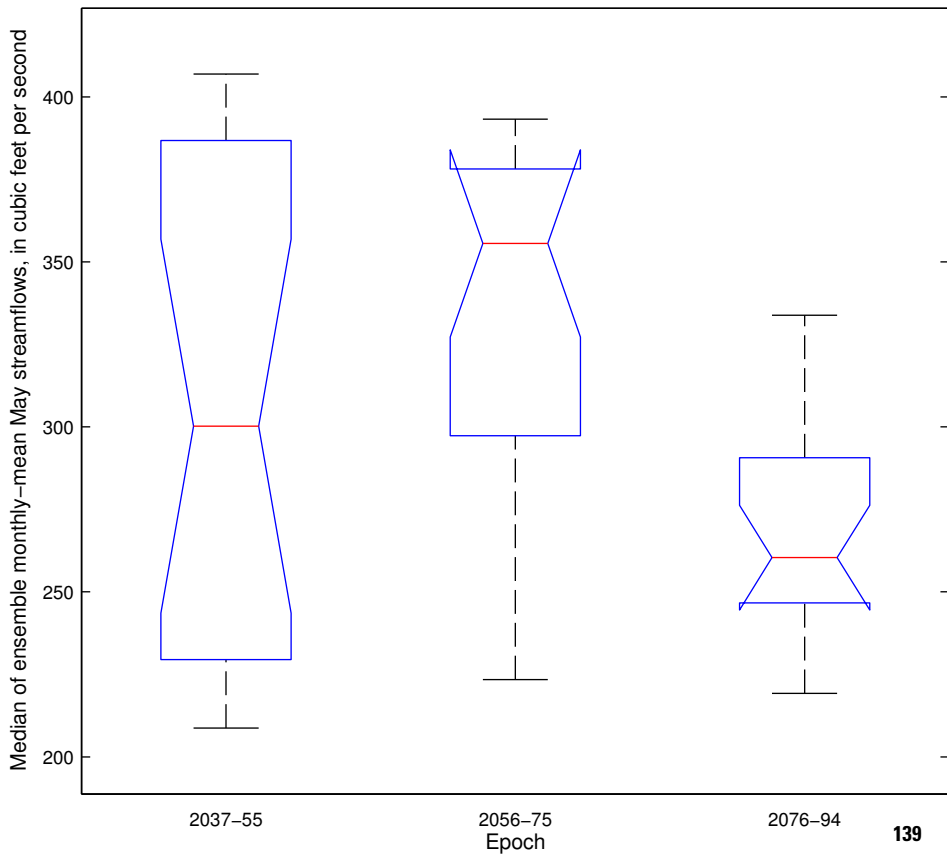
# DELA – A1b Emission Simulation Results



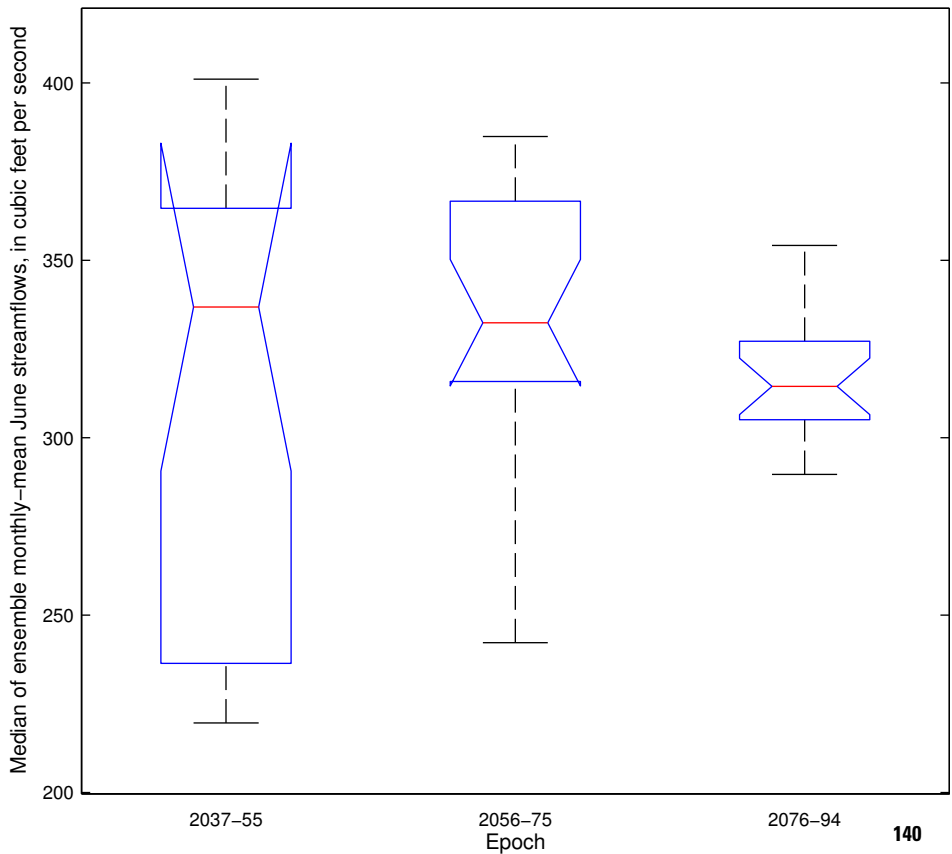
# DELA – A1b Emission Simulation Results



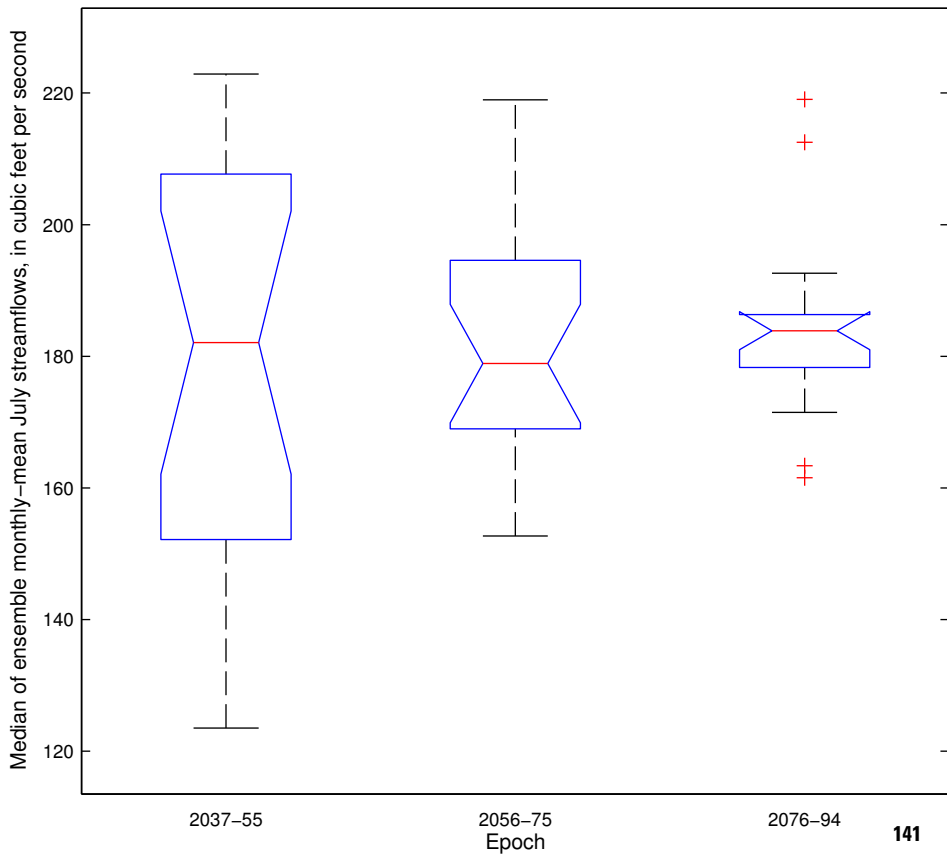
# DELA – A1b Emission Simulation Results



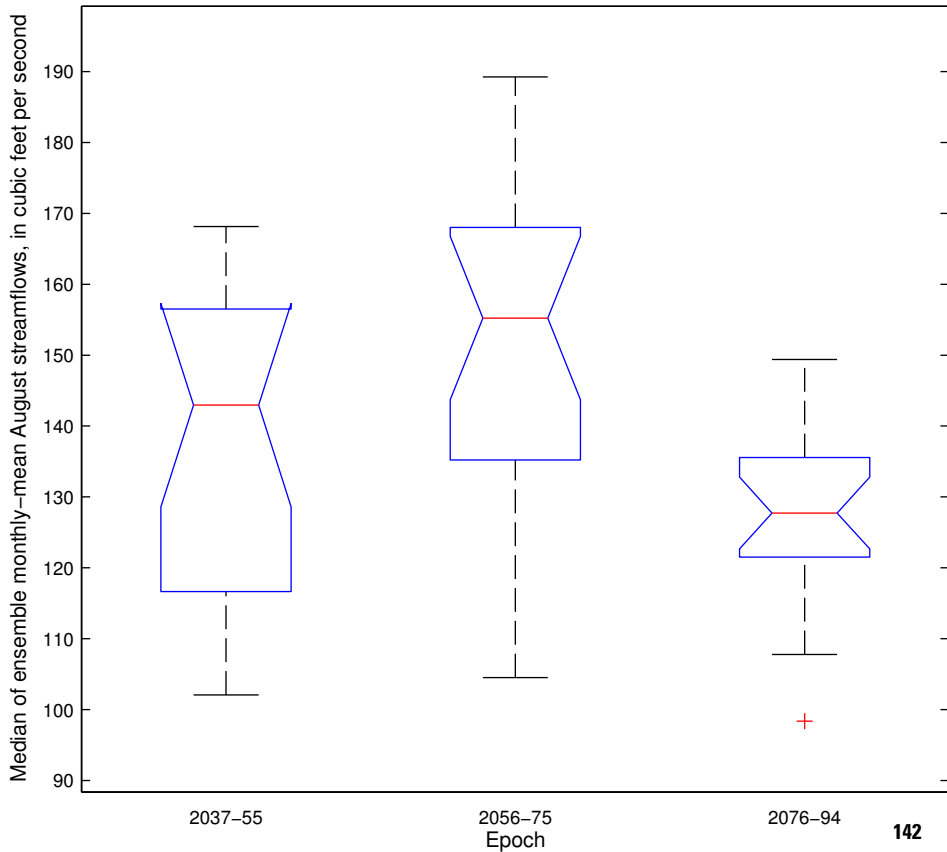
# DELA – A1b Emission Simulation Results



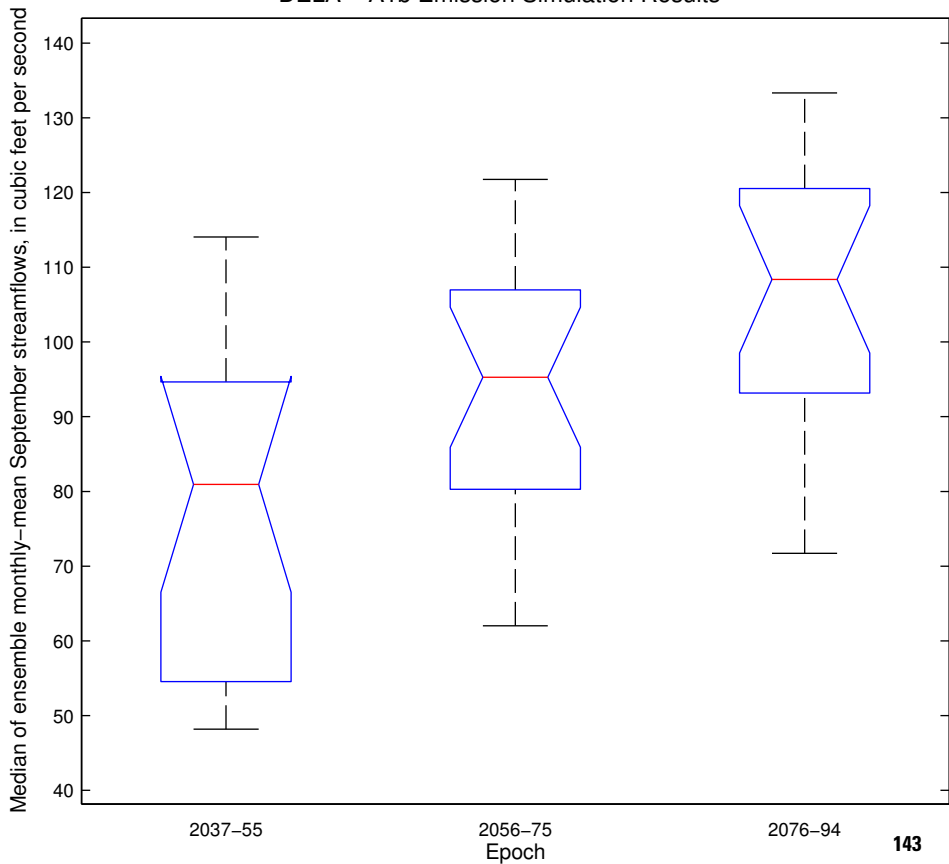
# DELA – A1b Emission Simulation Results



# DELA – A1b Emission Simulation Results

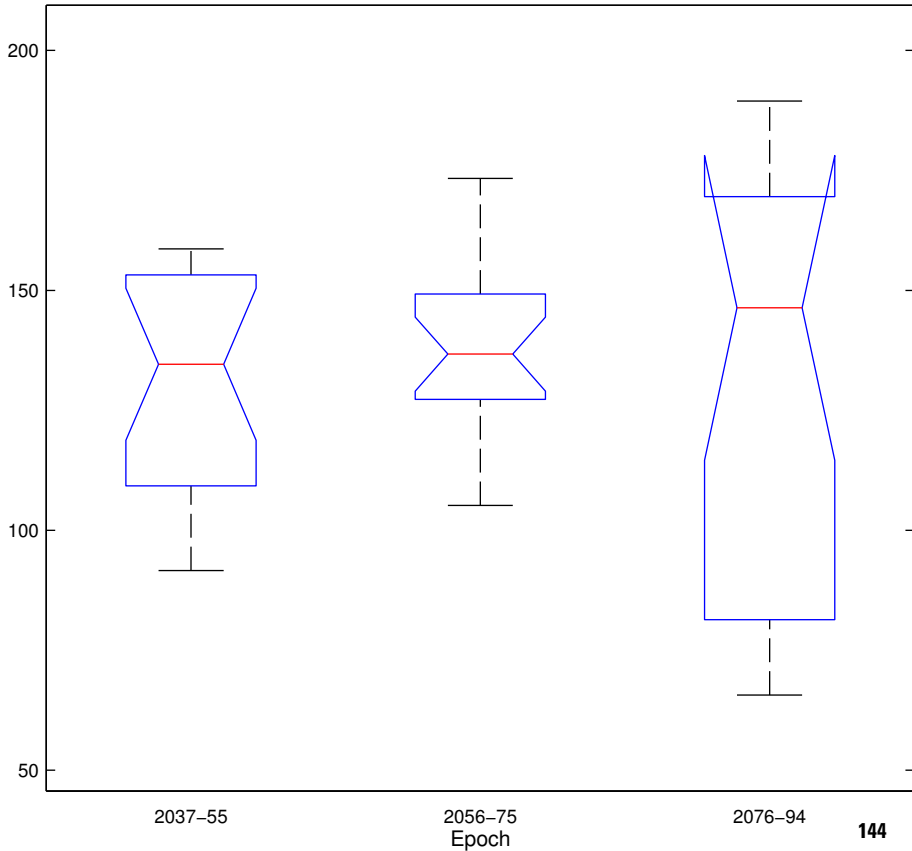


# DELA – A1b Emission Simulation Results



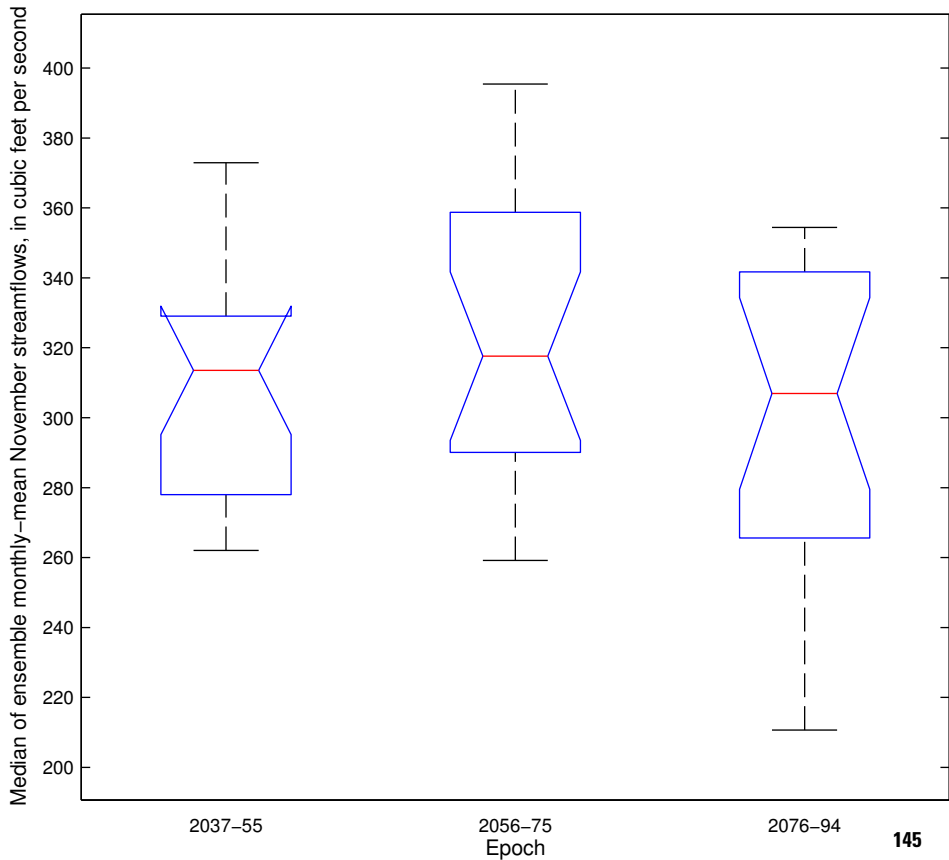
# DELA – A1b Emission Simulation Results

Median of ensemble monthly-mean October streamflows, in cubic feet per second

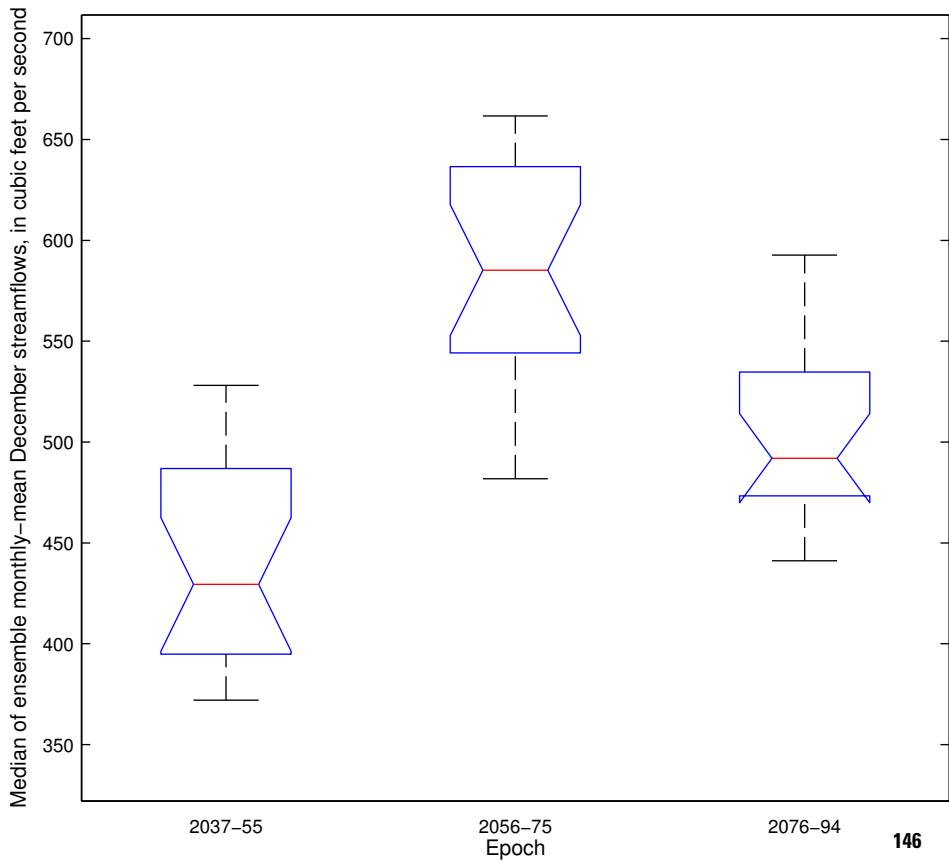




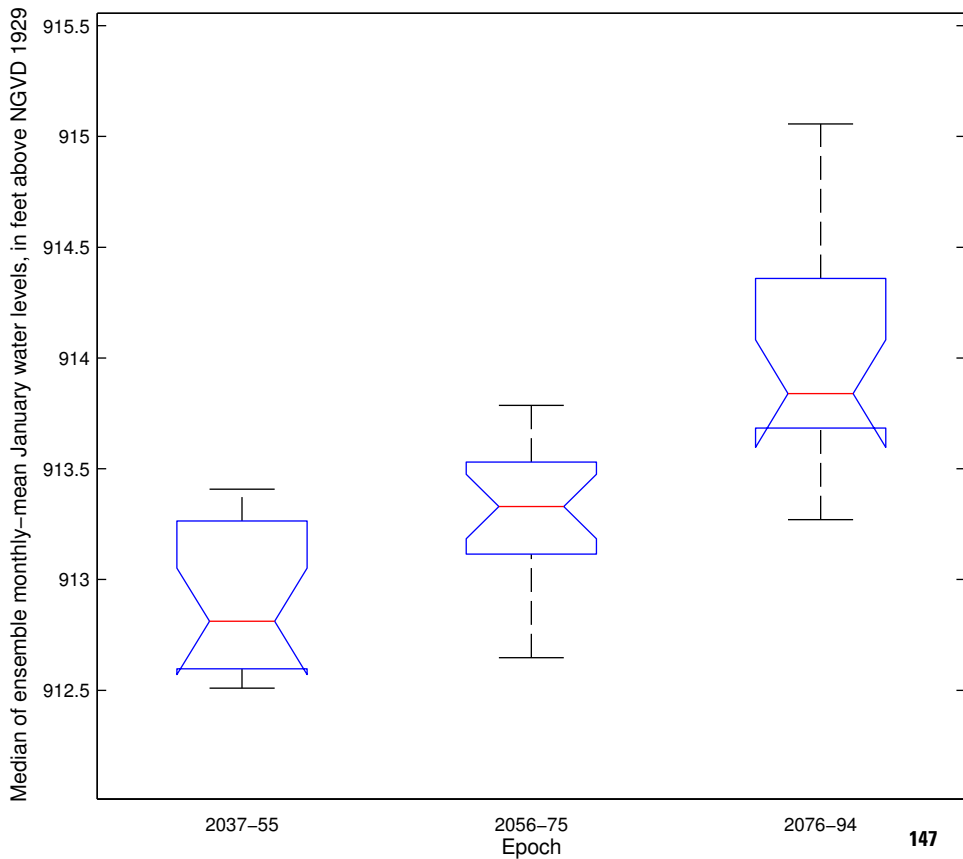
# DELA – A1b Emission Simulation Results



# DELA – A1b Emission Simulation Results

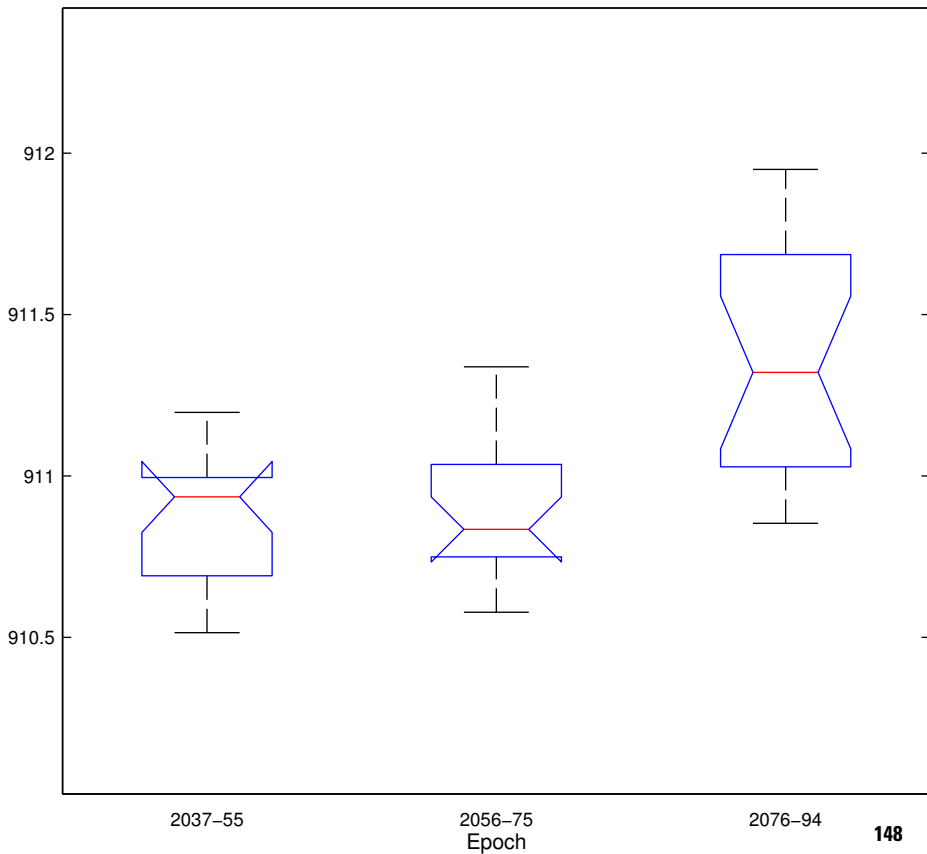


# DELL – A2 Emission Simulation Results



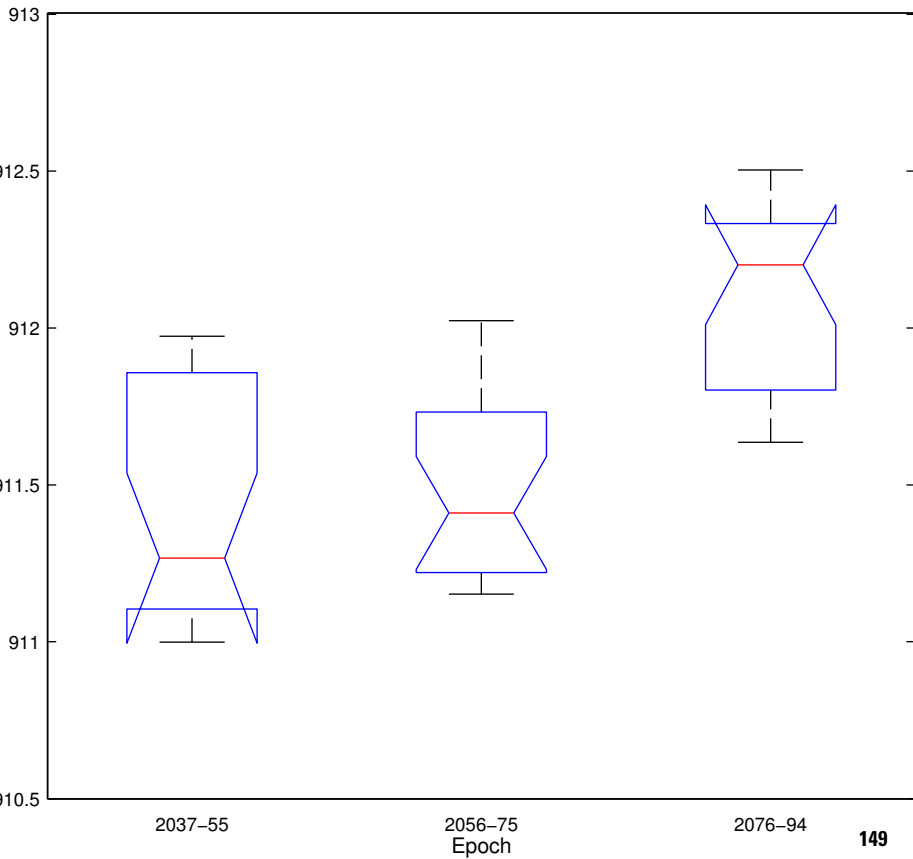
# DELL – A2 Emission Simulation Results

Median of ensemble monthly—mean February water levels, in feet above NGVD 1929

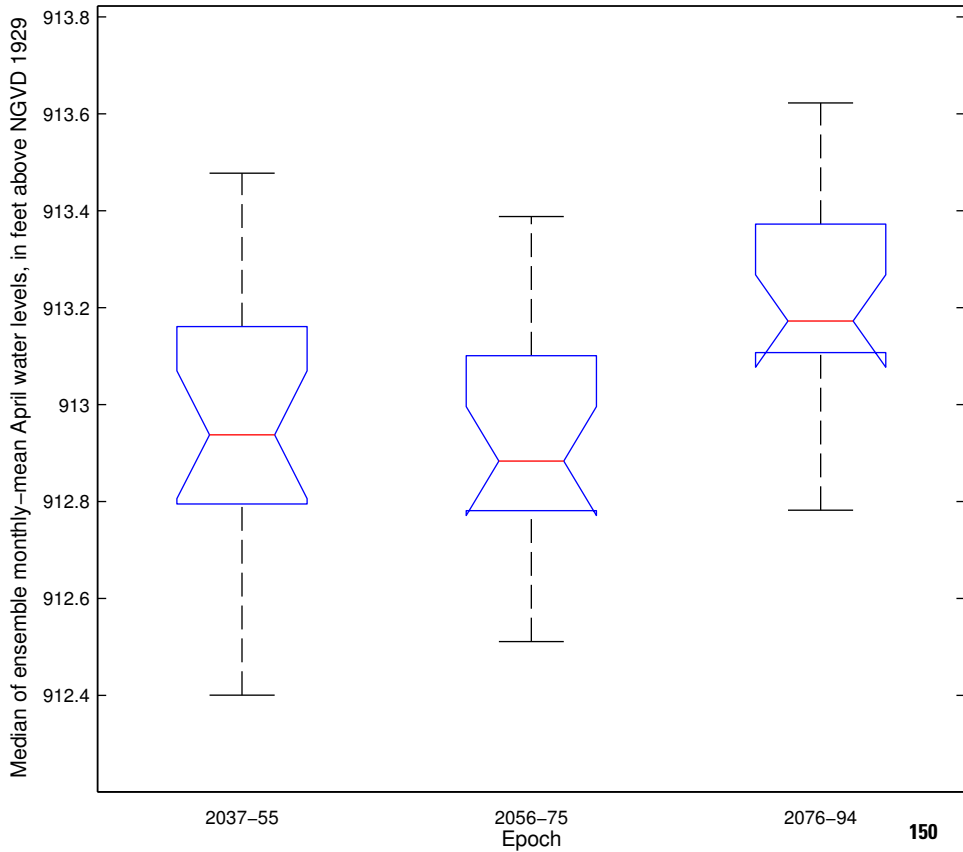


# DELL – A2 Emission Simulation Results

Median of ensemble monthly–mean March water levels, in feet above NGVD 1929

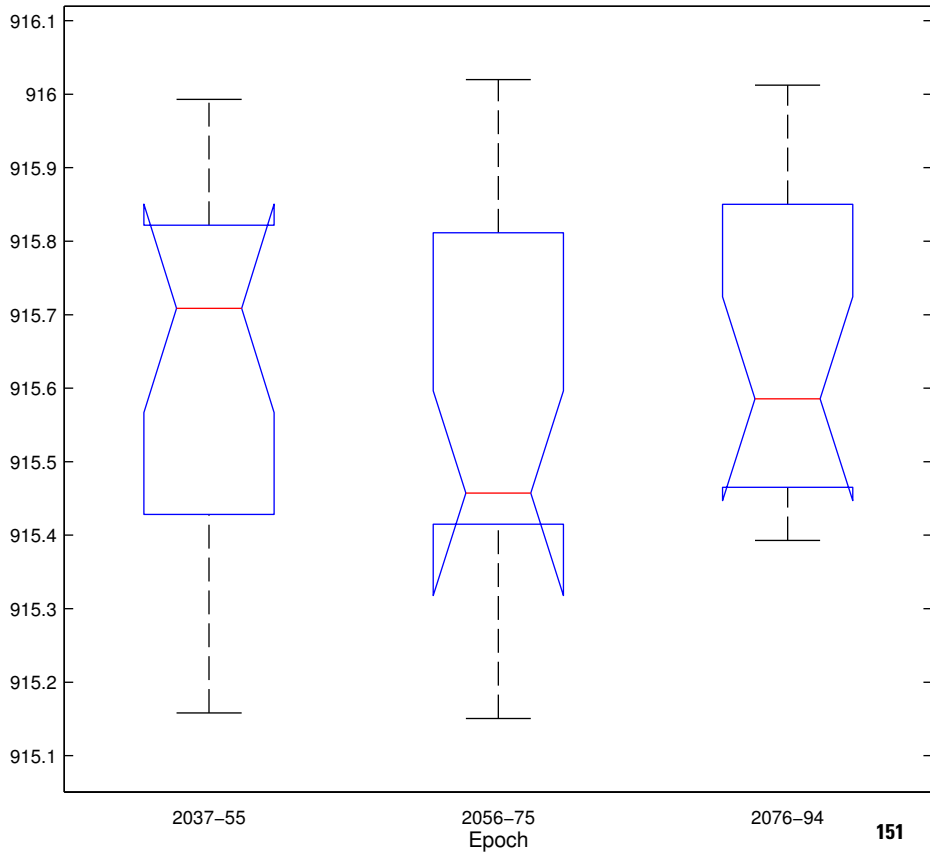


# DELL – A2 Emission Simulation Results



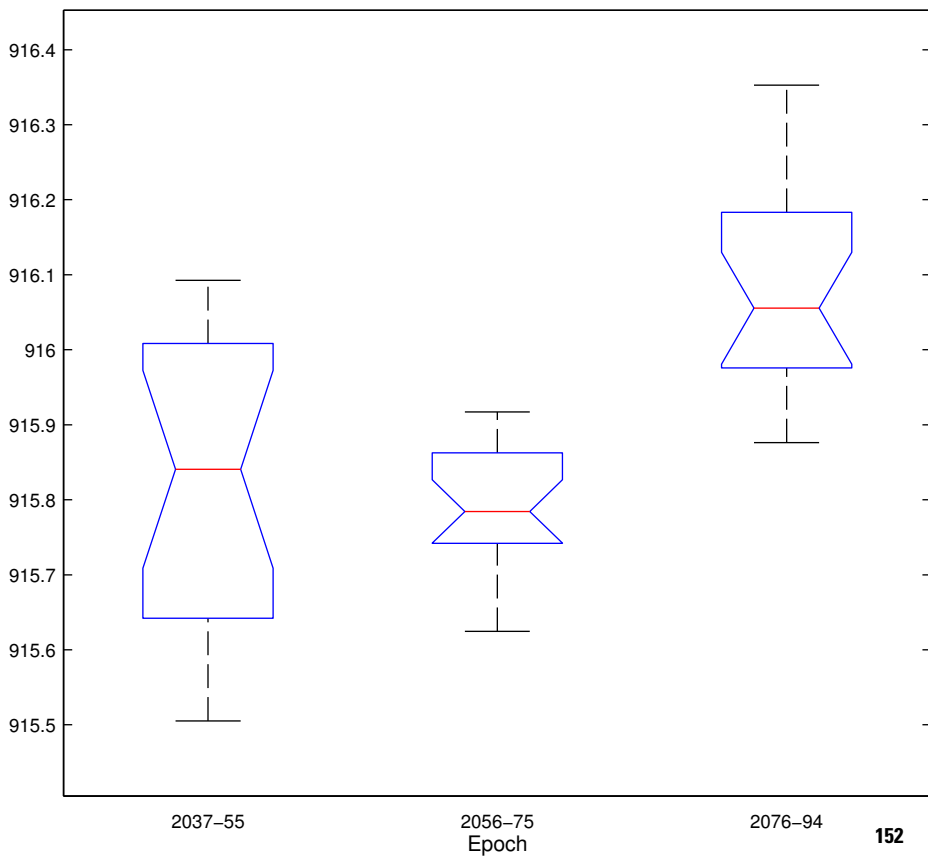
# DELL – A2 Emission Simulation Results

Median of ensemble monthly-mean May water levels, in feet above NGVD 1929



# DELL – A2 Emission Simulation Results

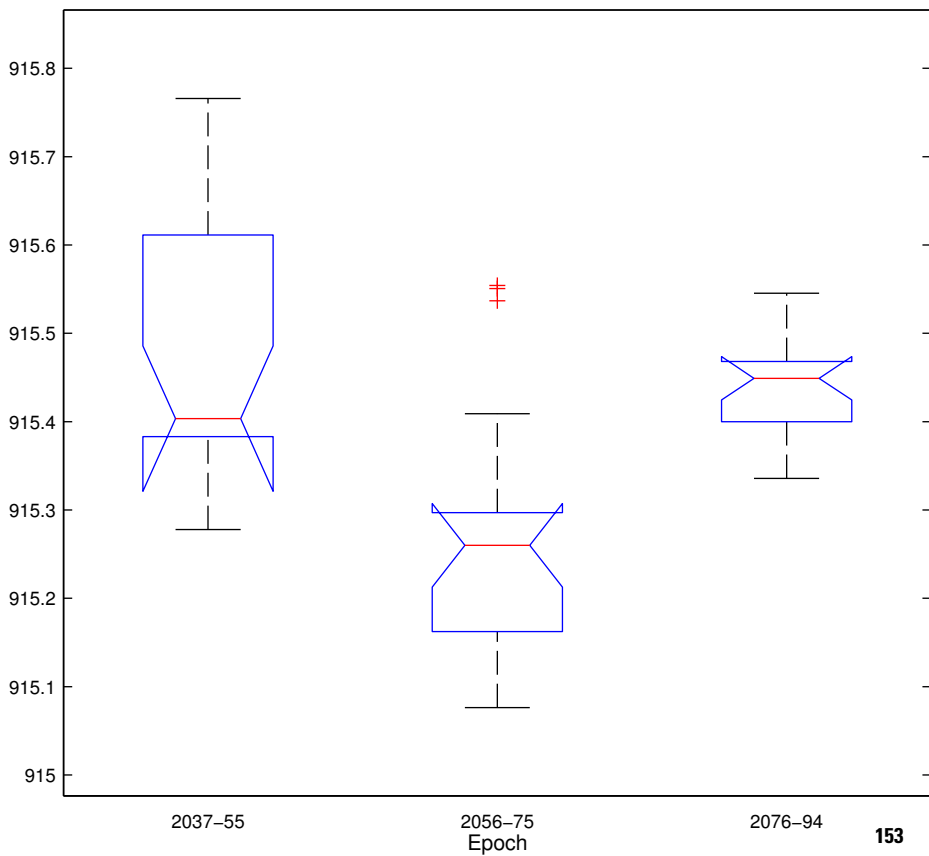
Median of ensemble monthly–mean June water levels, in feet above NGVD 1929



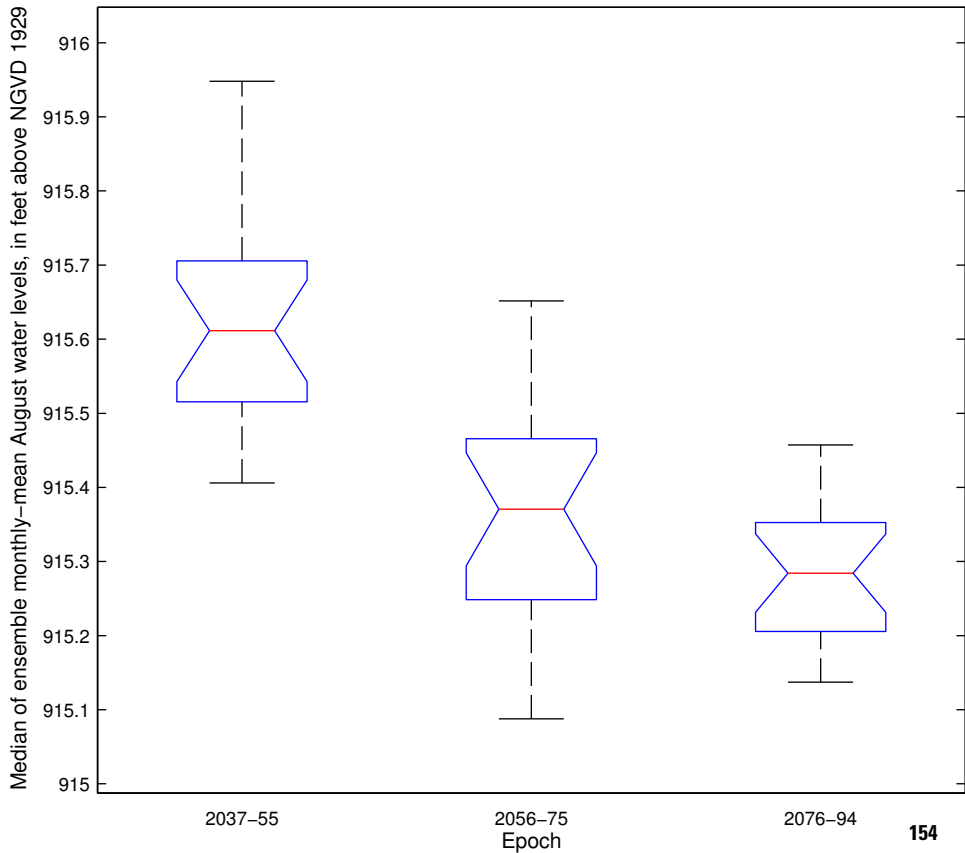


# DELL – A2 Emission Simulation Results

Median of ensemble monthly-mean July water levels, in feet above NGVD 1929

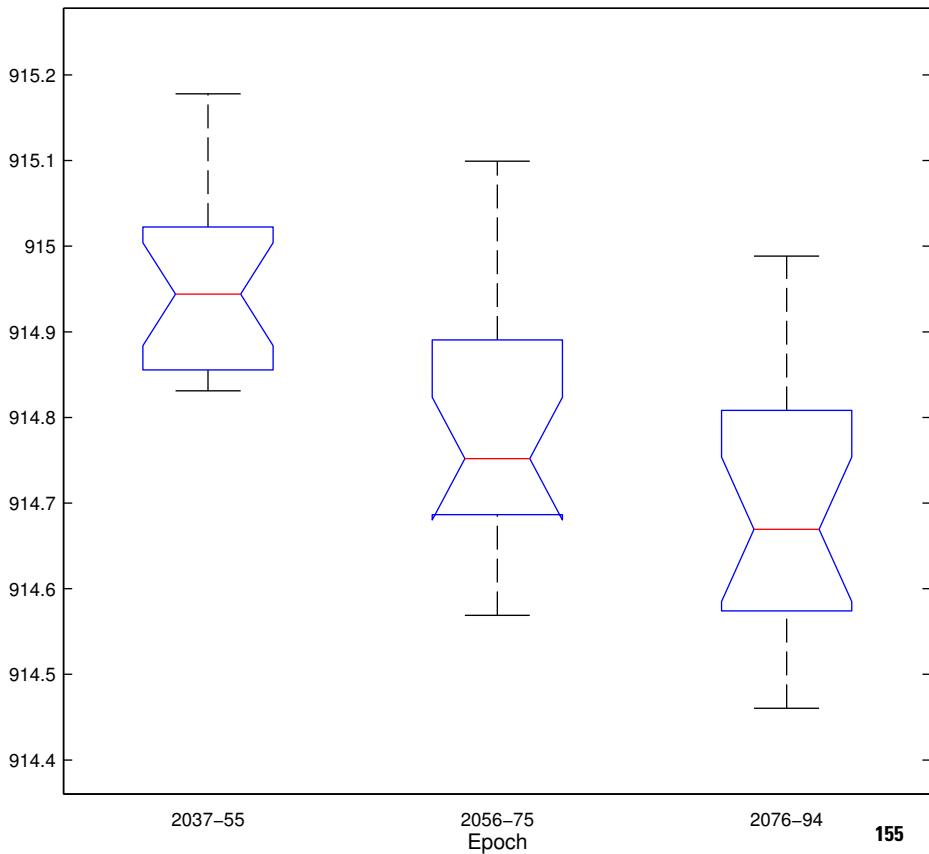


# DELL – A2 Emission Simulation Results

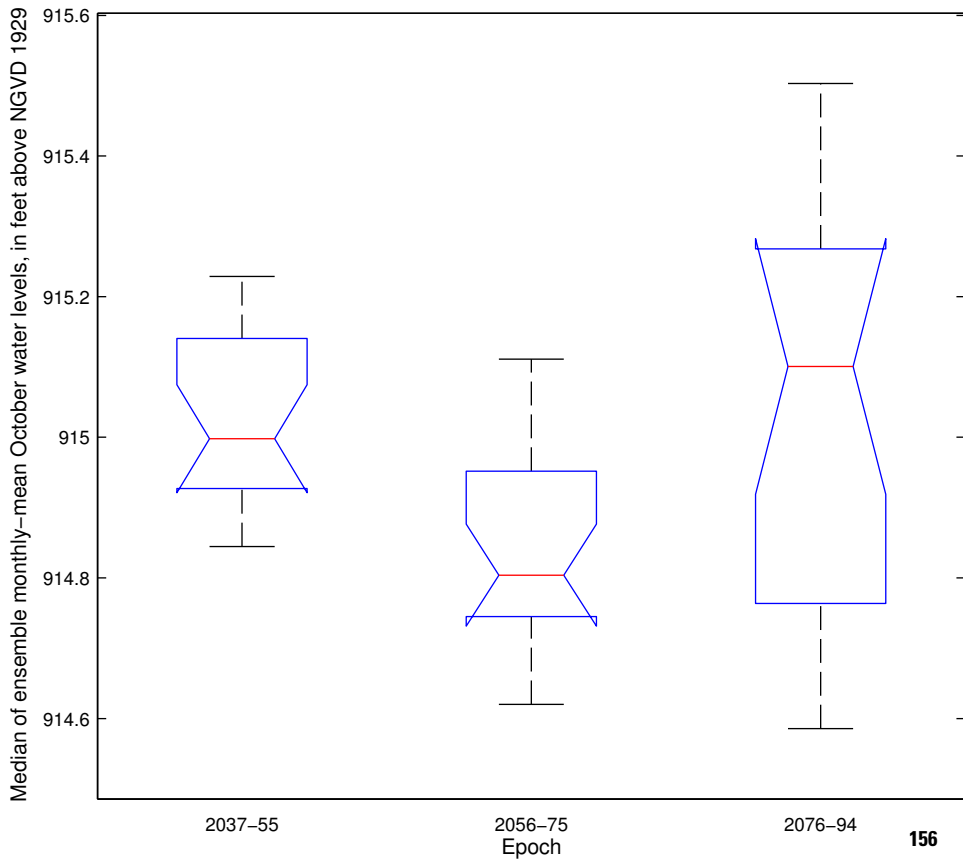


# DELL – A2 Emission Simulation Results

Median of ensemble monthly-mean September water levels, in feet above NGVD 1929

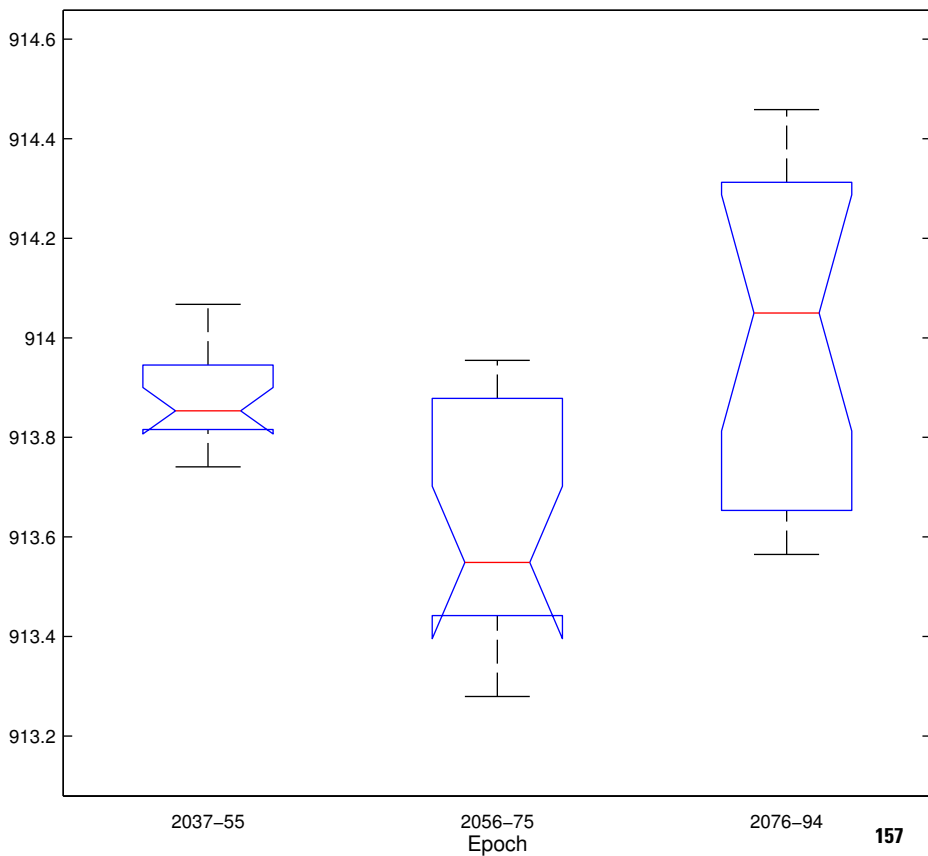


# DELL – A2 Emission Simulation Results



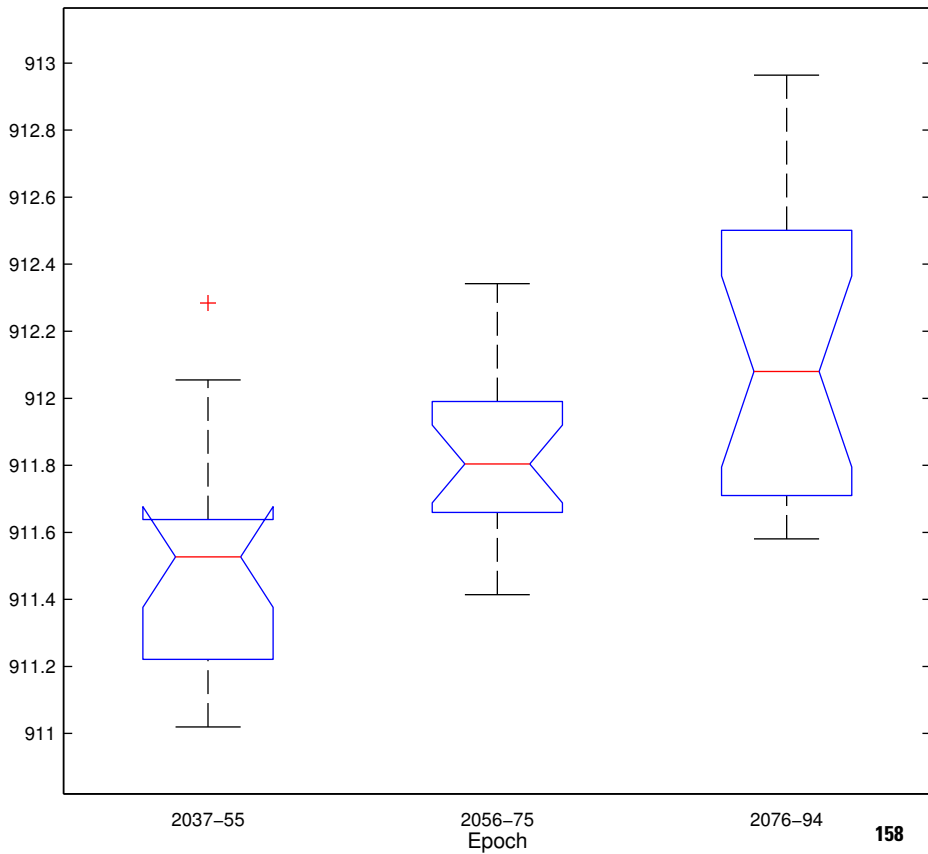
# DELL – A2 Emission Simulation Results

Median of ensemble monthly-mean November water levels, in feet above NGVD 1929

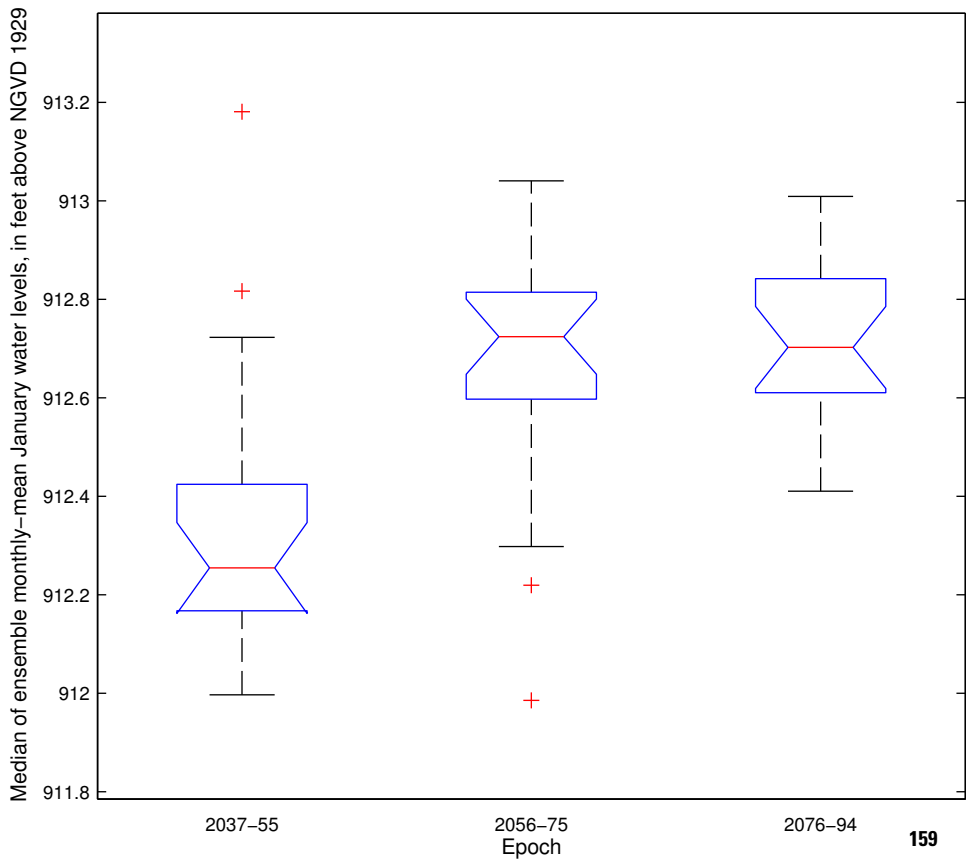


# DELL – A2 Emission Simulation Results

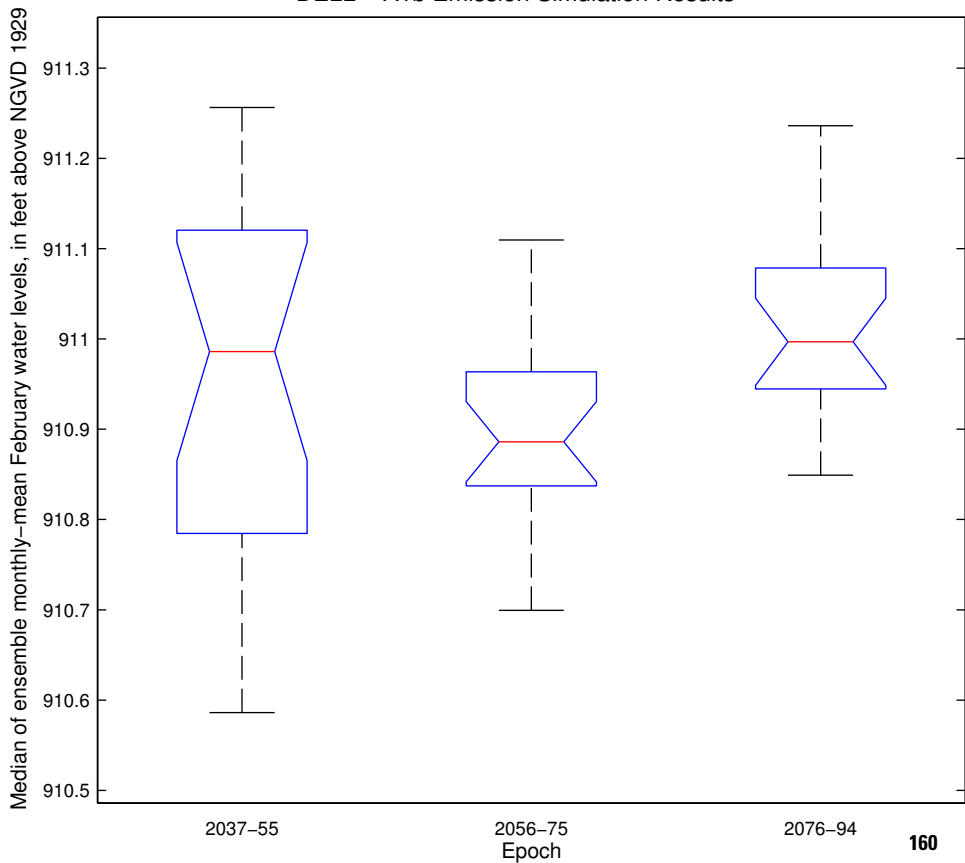
Median of ensemble monthly-mean December water levels, in feet above NGVD 1929



# DELL – A1b Emission Simulation Results



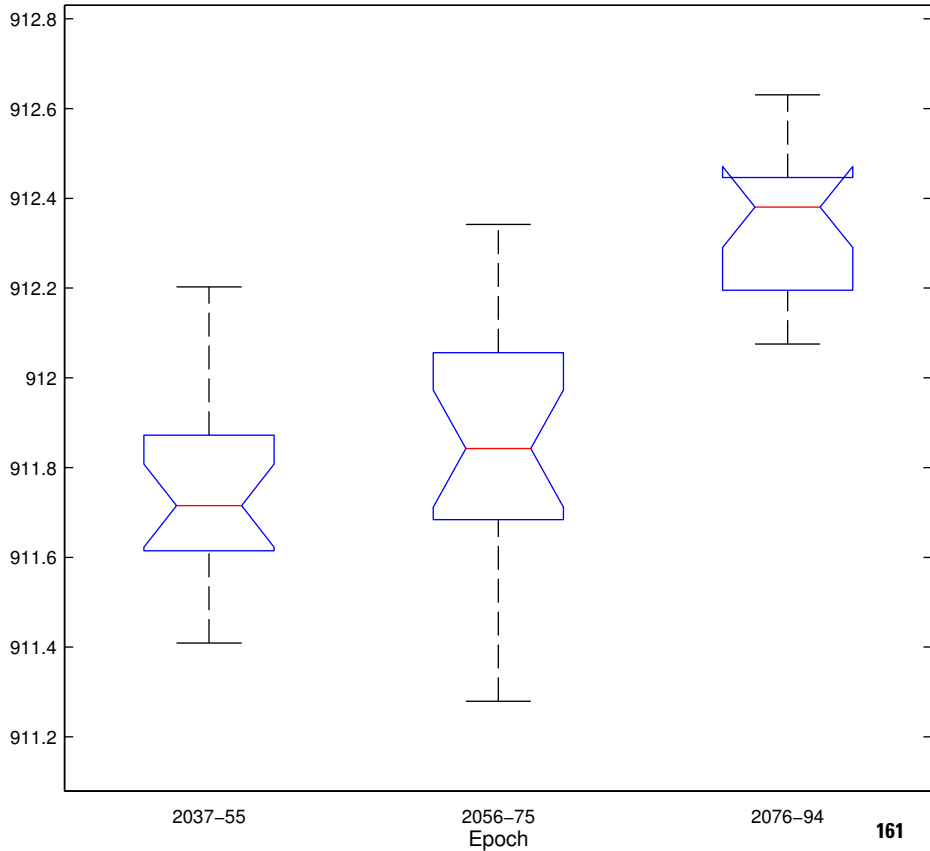
# DELL – A1b Emission Simulation Results





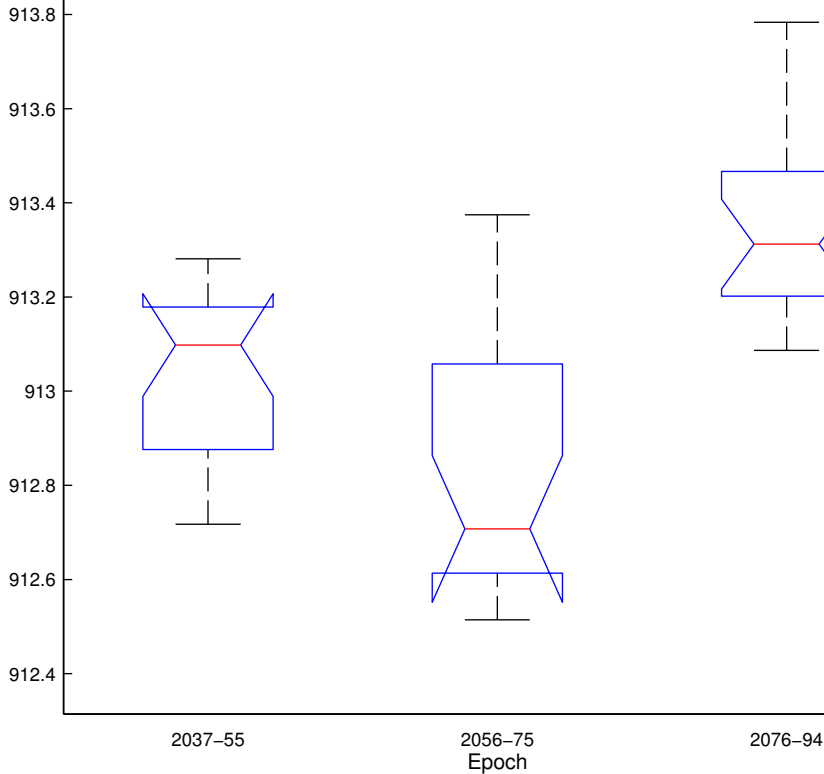
# DELL – A1b Emission Simulation Results

Median of ensemble monthly–mean March water levels, in feet above NGVD 1929



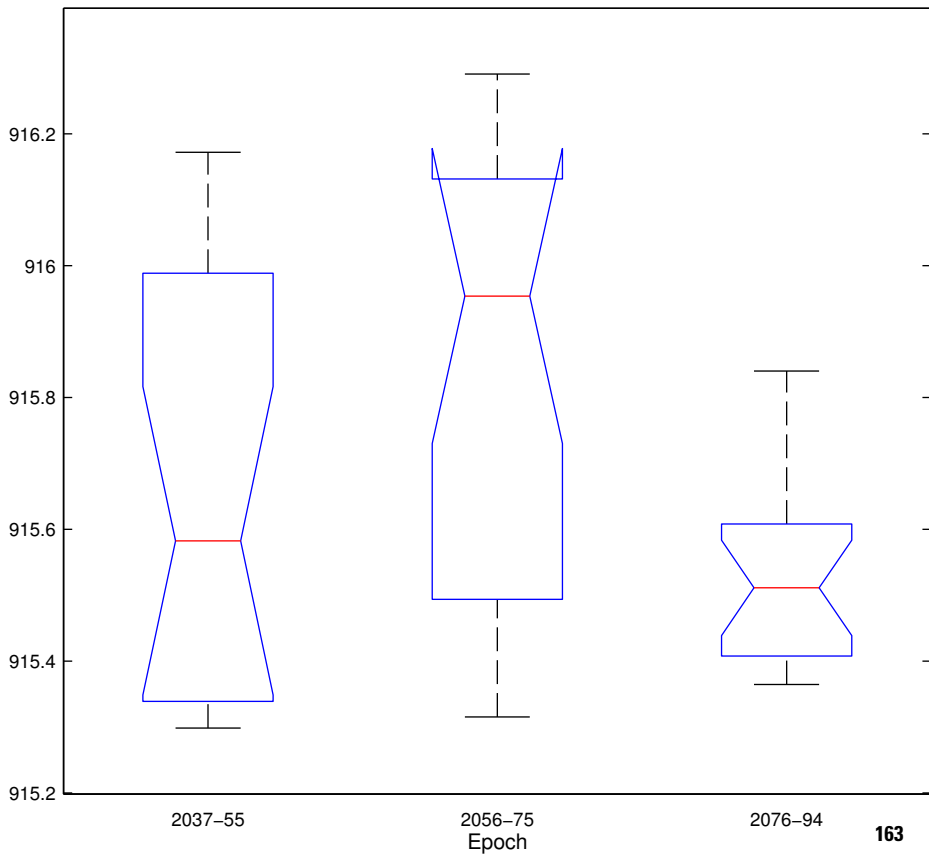
# DELL – A1b Emission Simulation Results

Median of ensemble monthly-mean April water levels, in feet above NGVD 1929



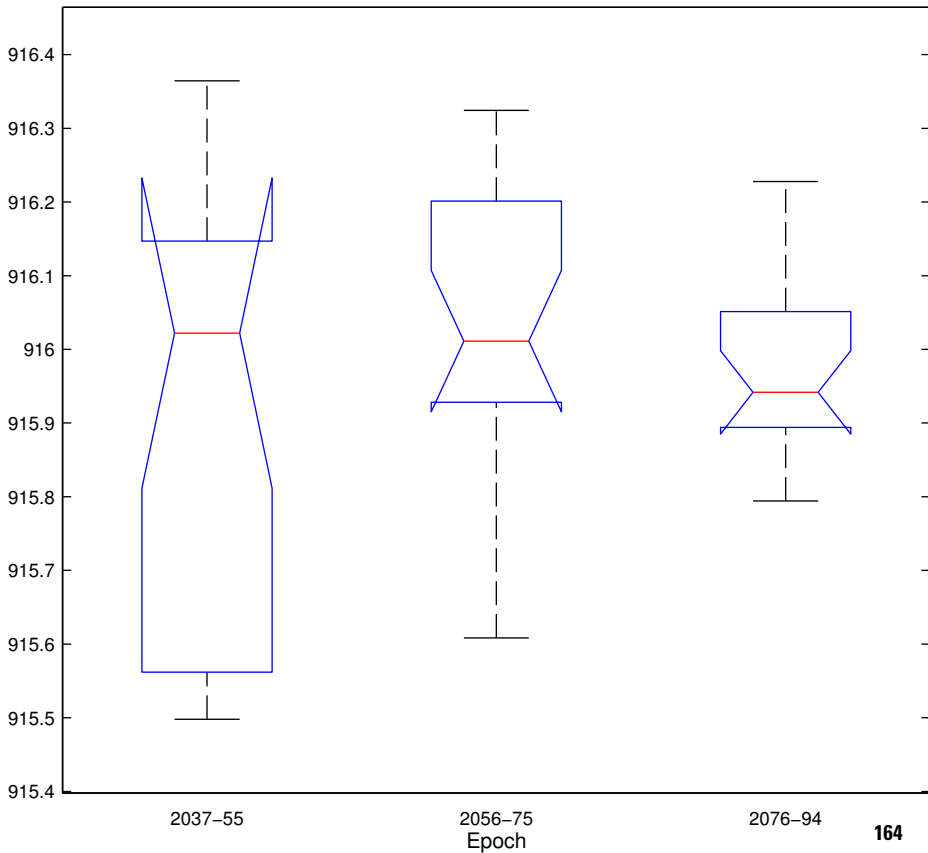
# DELL – A1b Emission Simulation Results

Median of ensemble monthly-mean May water levels, in feet above NGVD 1929



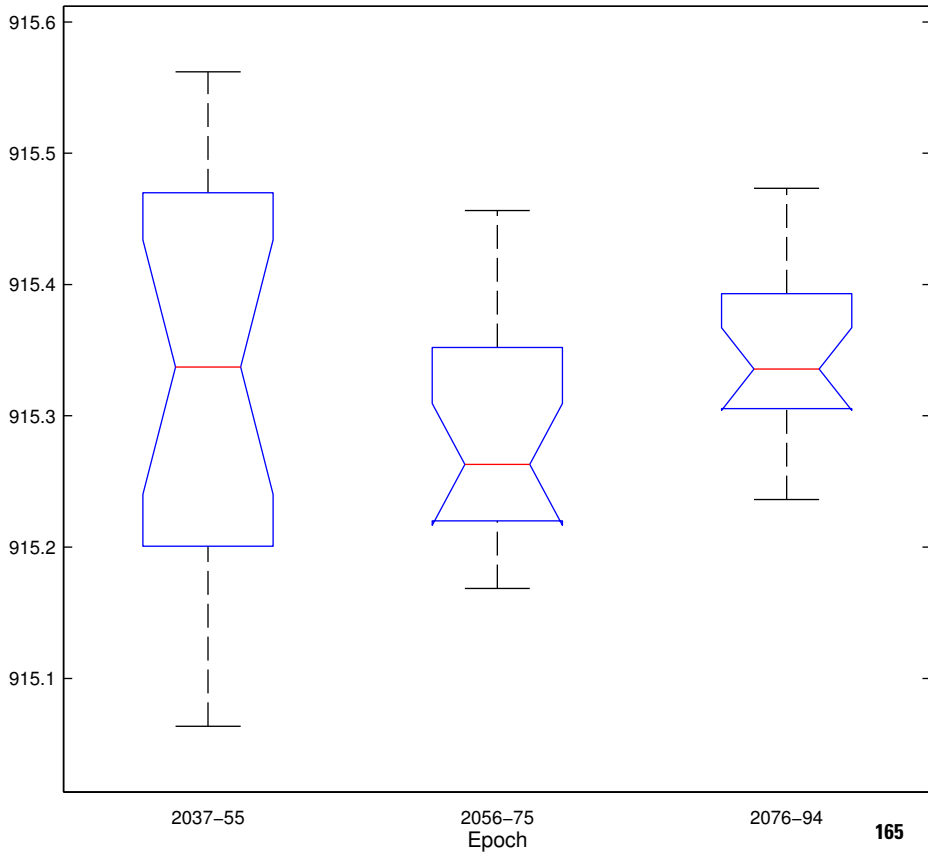
# DELL – A1b Emission Simulation Results

Median of ensemble monthly-mean June water levels, in feet above NGVD 1929



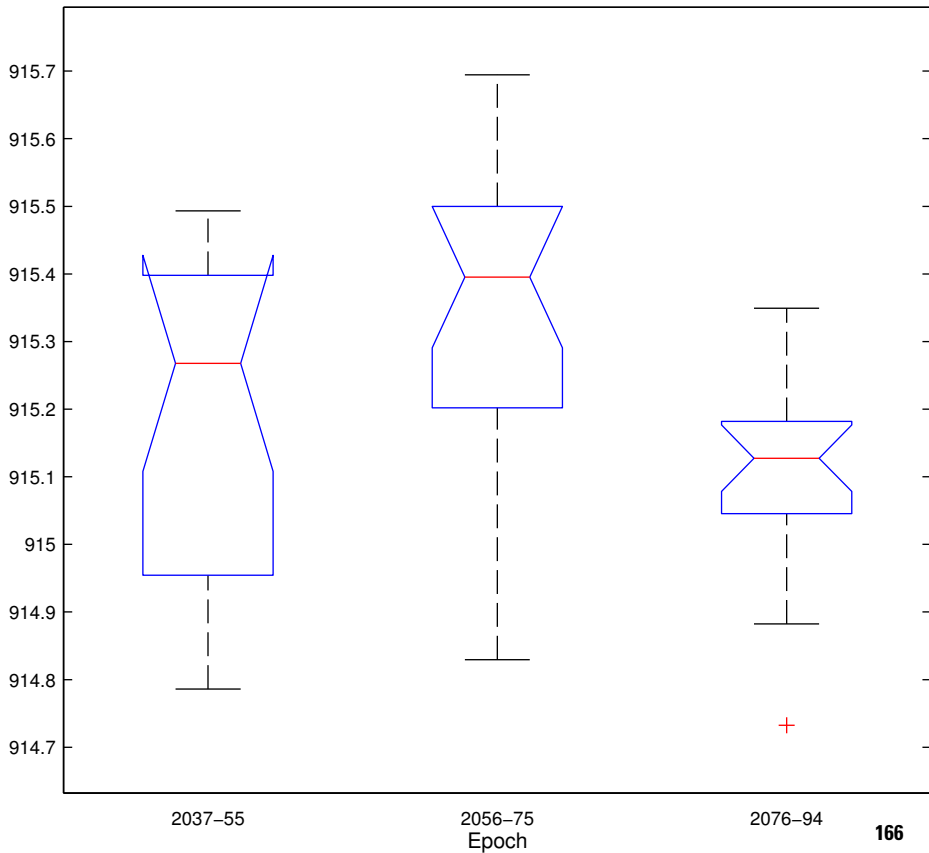
# DELL – A1b Emission Simulation Results

Median of ensemble monthly-mean July water levels, in feet above NGVD 1929



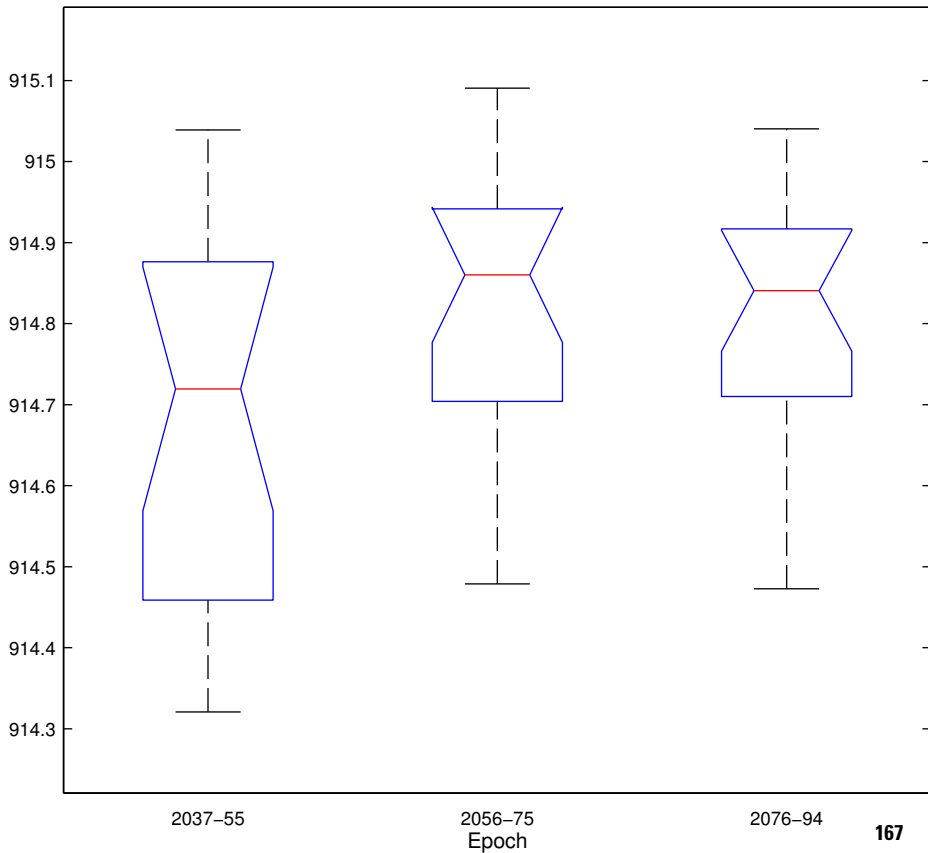
# DELL – A1b Emission Simulation Results

Median of ensemble monthly-mean August water levels, in feet above NGVD 1929

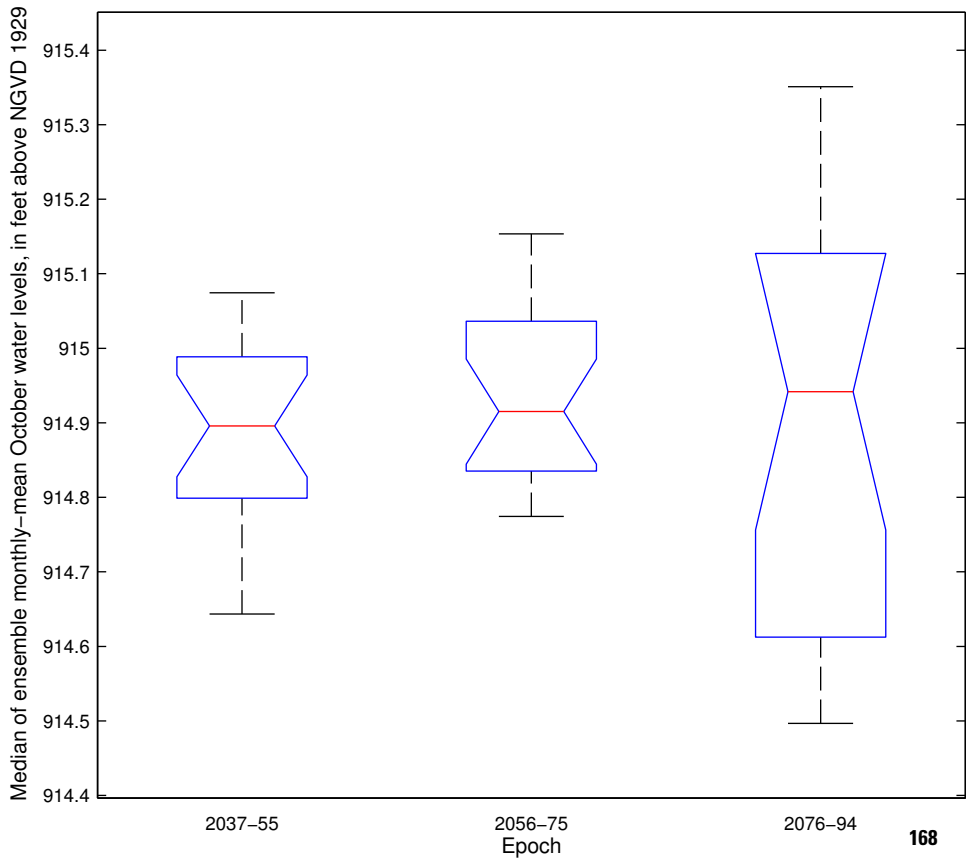


# DELL – A1b Emission Simulation Results

Median of ensemble monthly-mean September water levels, in feet above NGVD 1929



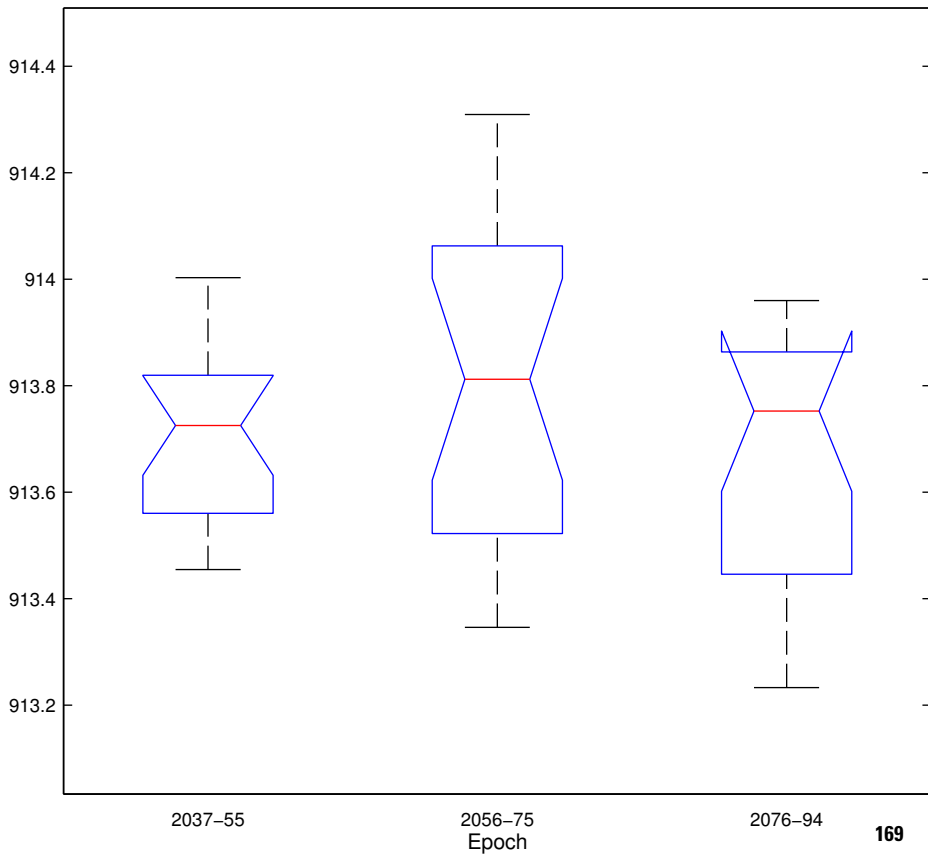
# DELL – A1b Emission Simulation Results





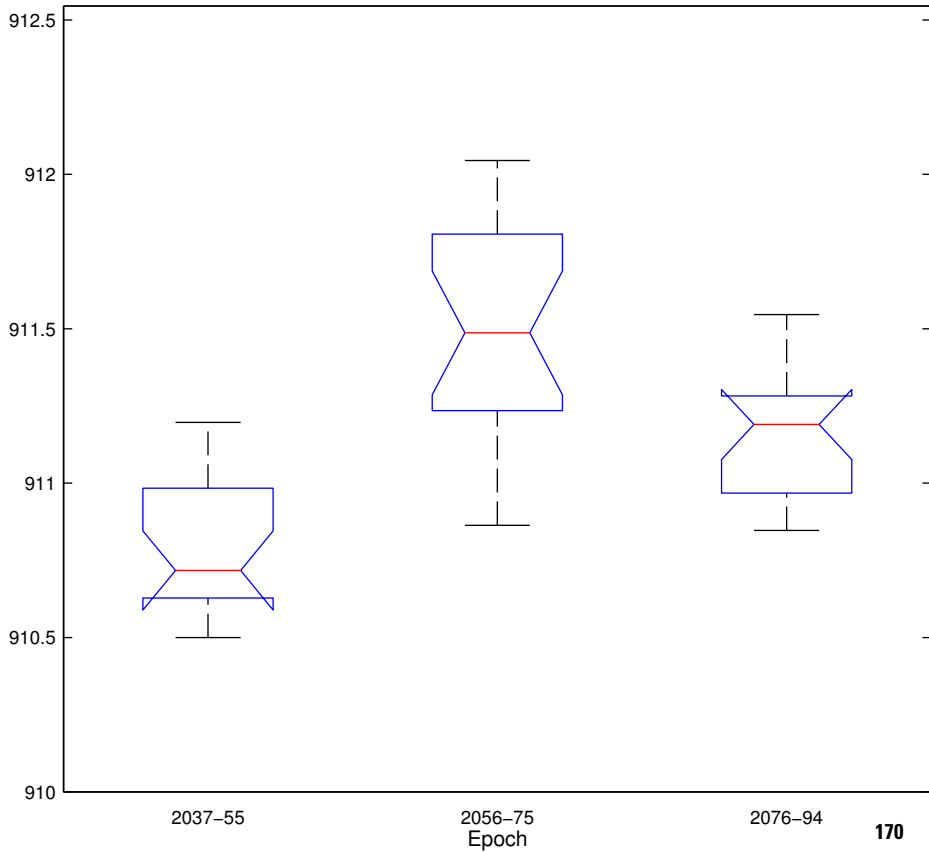
# DELL – A1b Emission Simulation Results

Median of ensemble monthly-mean November water levels, in feet above NGVD 1929



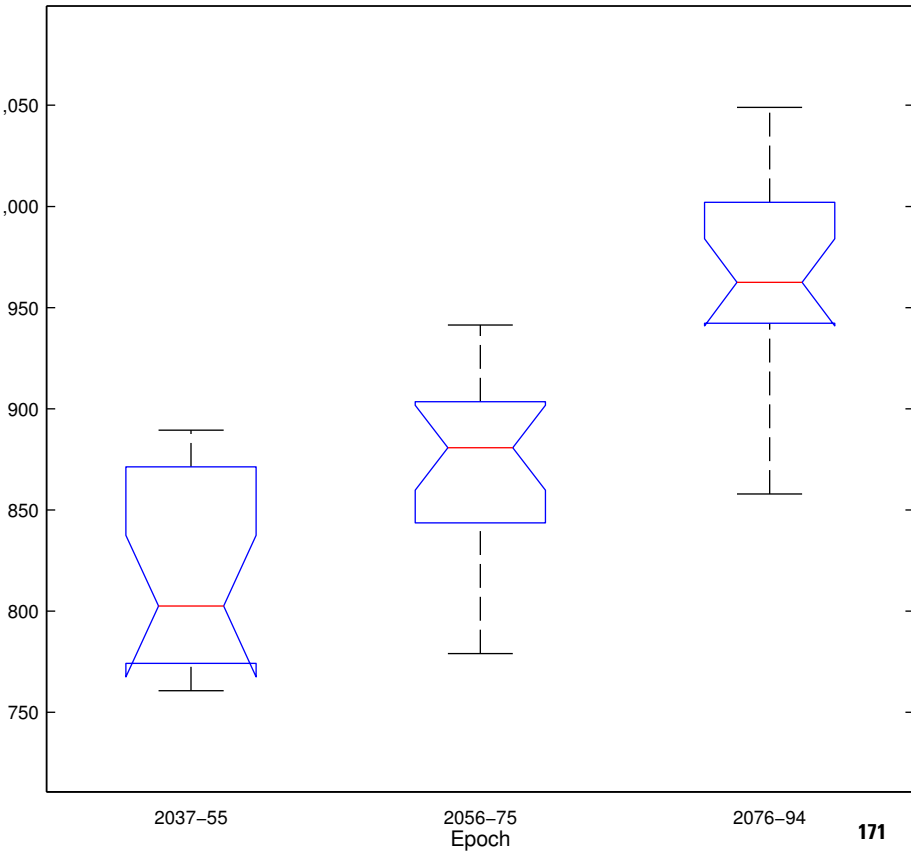
# DELL – A1b Emission Simulation Results

Median of ensemble monthly-mean December water levels, in feet above NGVD 1929

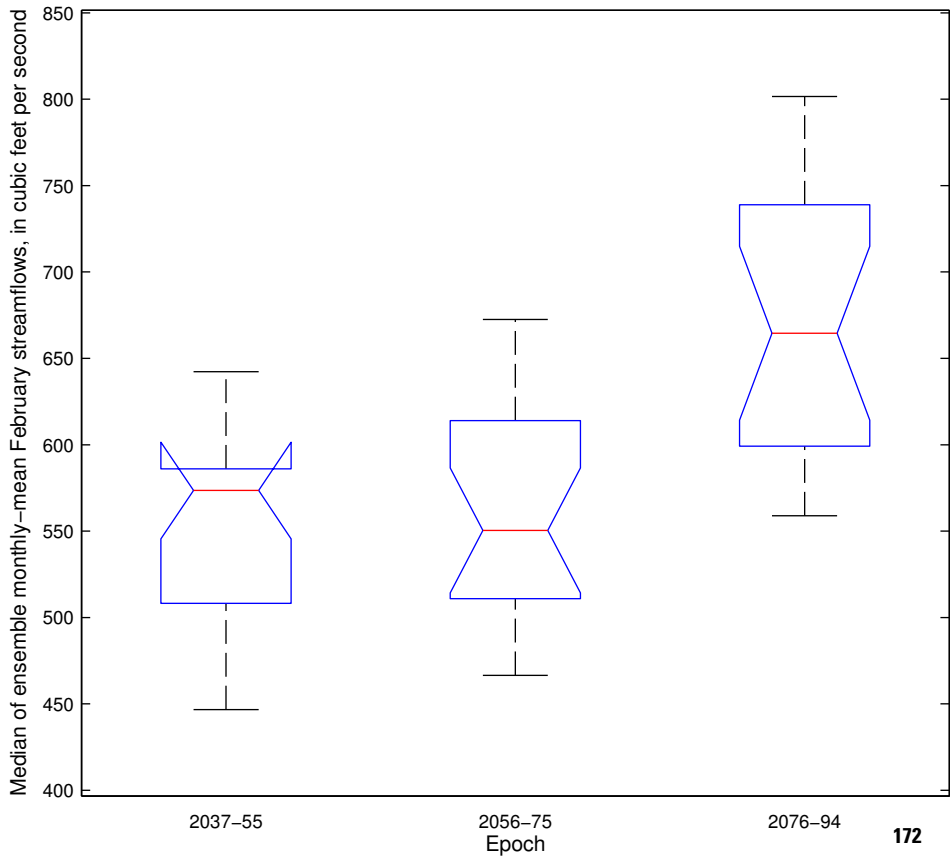


# OLOC – A2 Emission Simulation Results

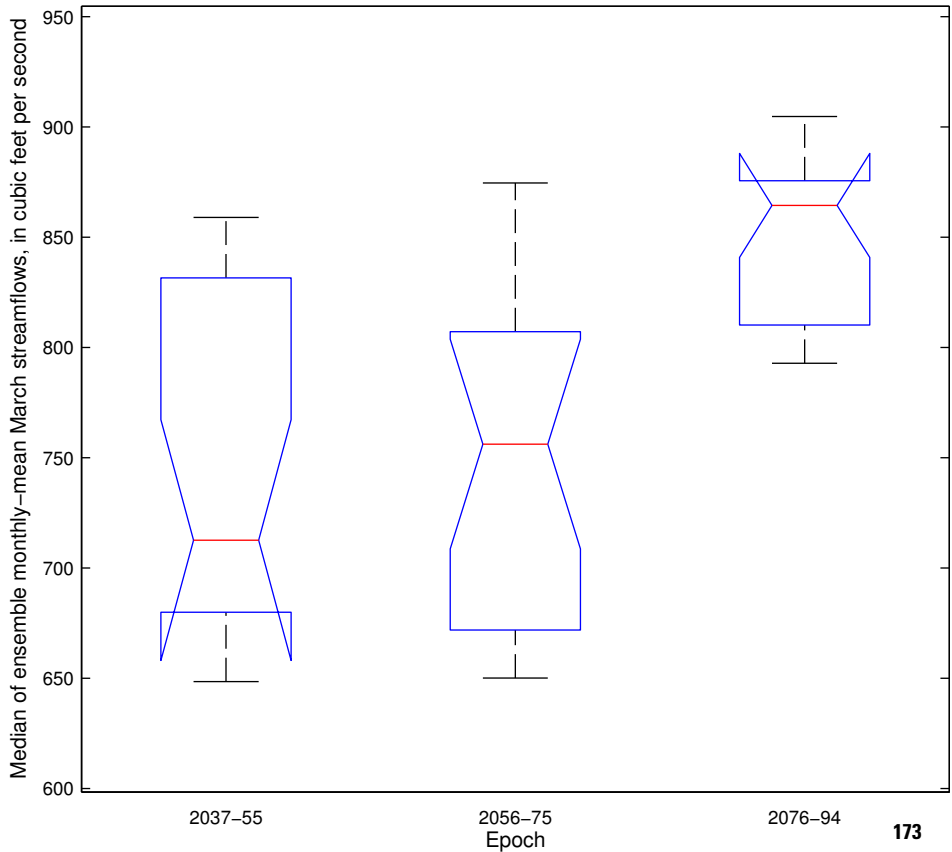
Median of ensemble monthly-mean January streamflows, in cubic feet per second



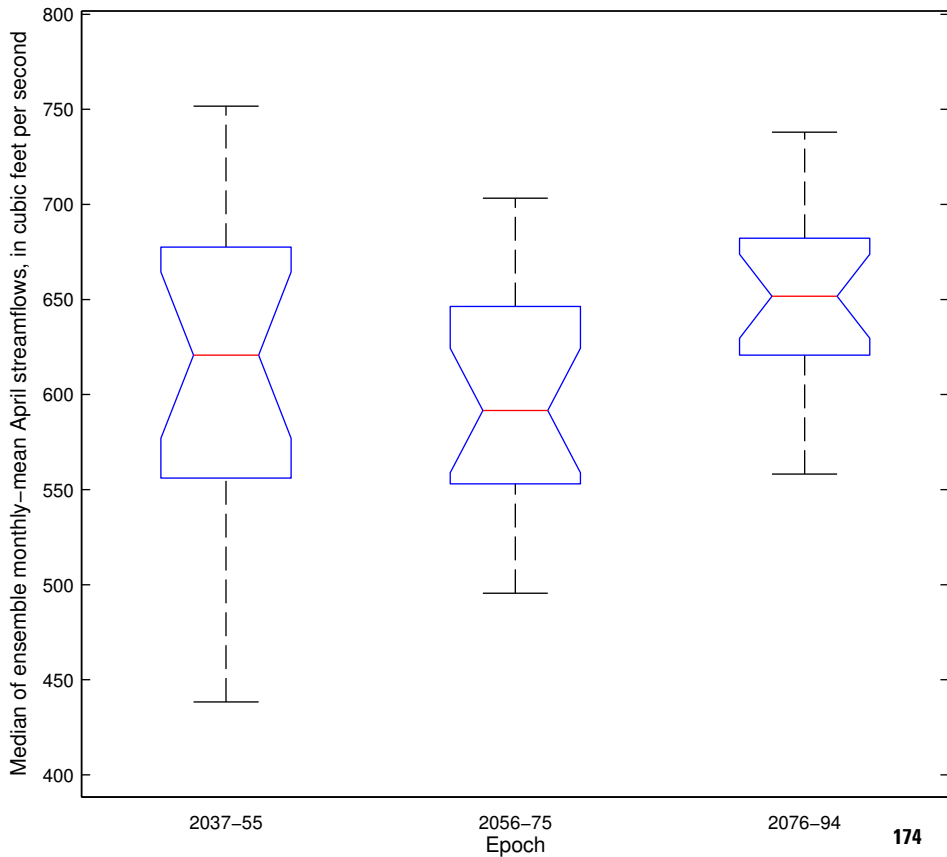
# OLOC – A2 Emission Simulation Results



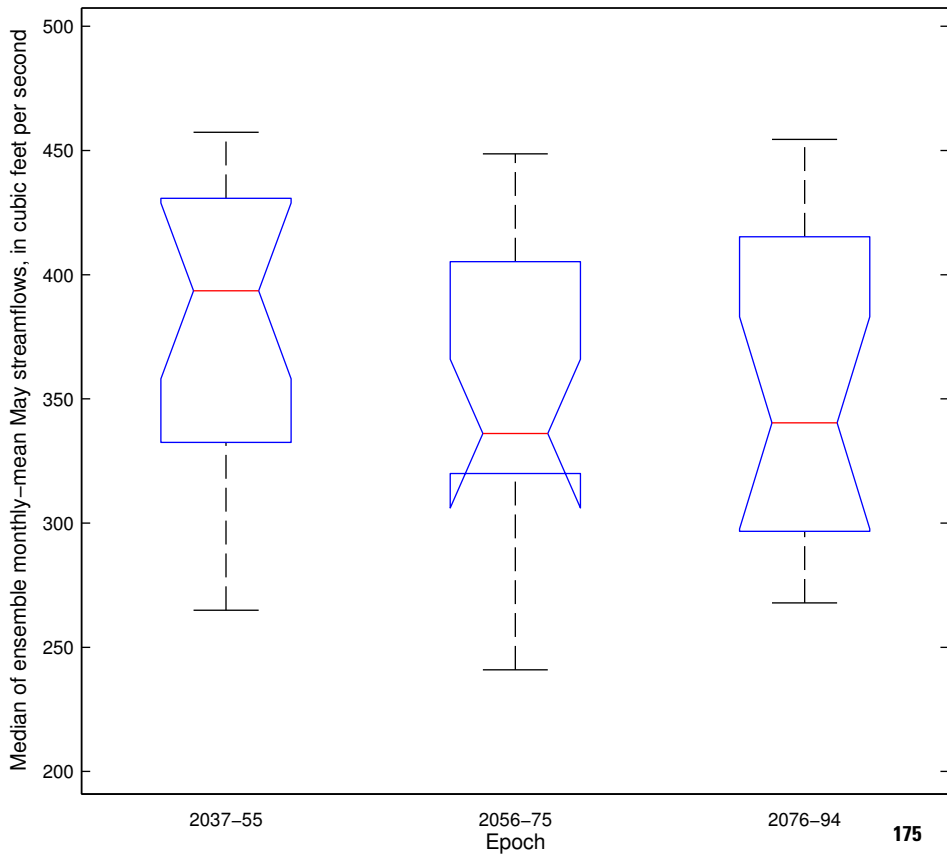
# OLOC – A2 Emission Simulation Results



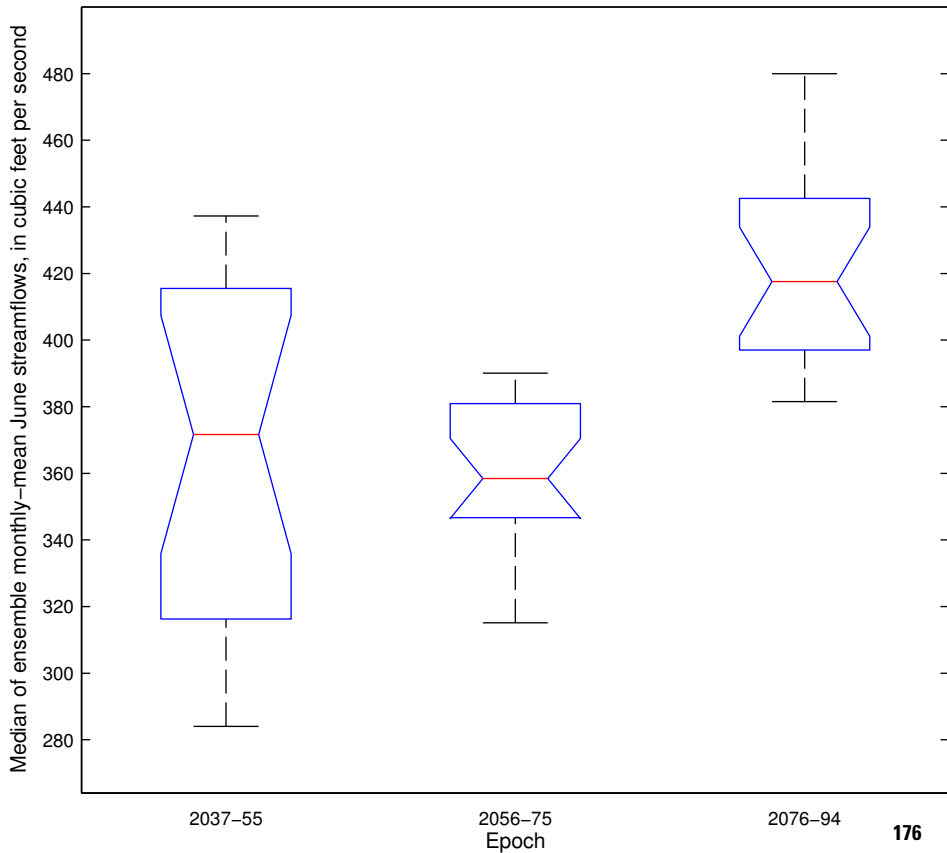
# OLOC – A2 Emission Simulation Results



# OLOC – A2 Emission Simulation Results

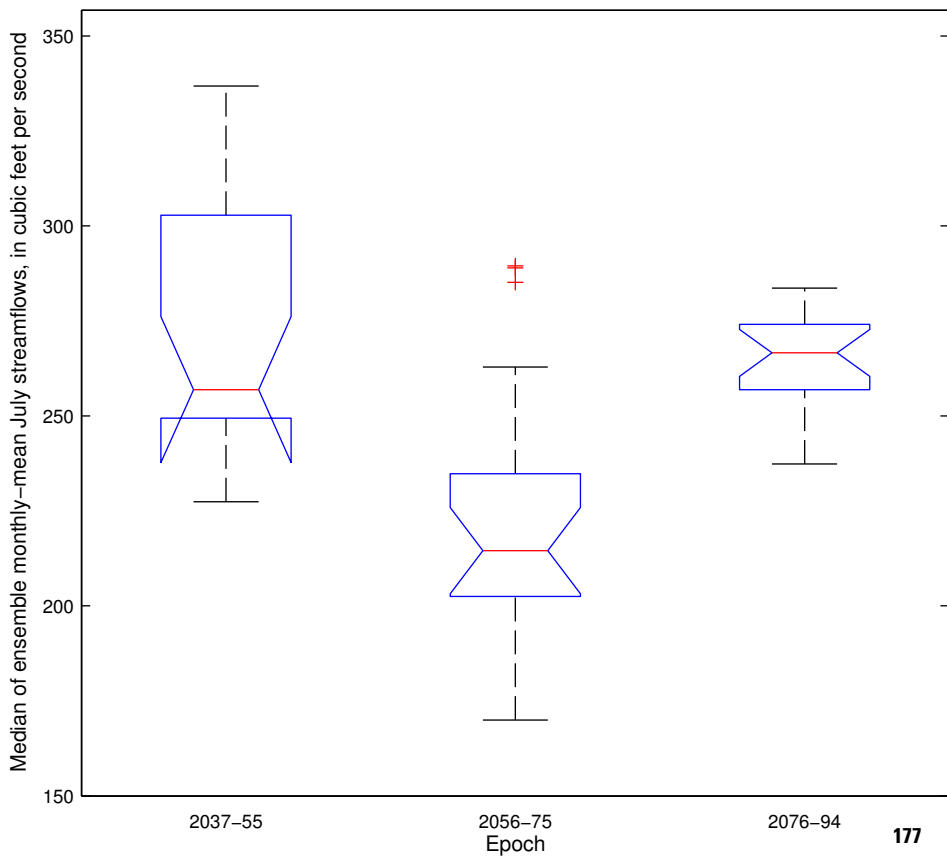


# OLOC – A2 Emission Simulation Results

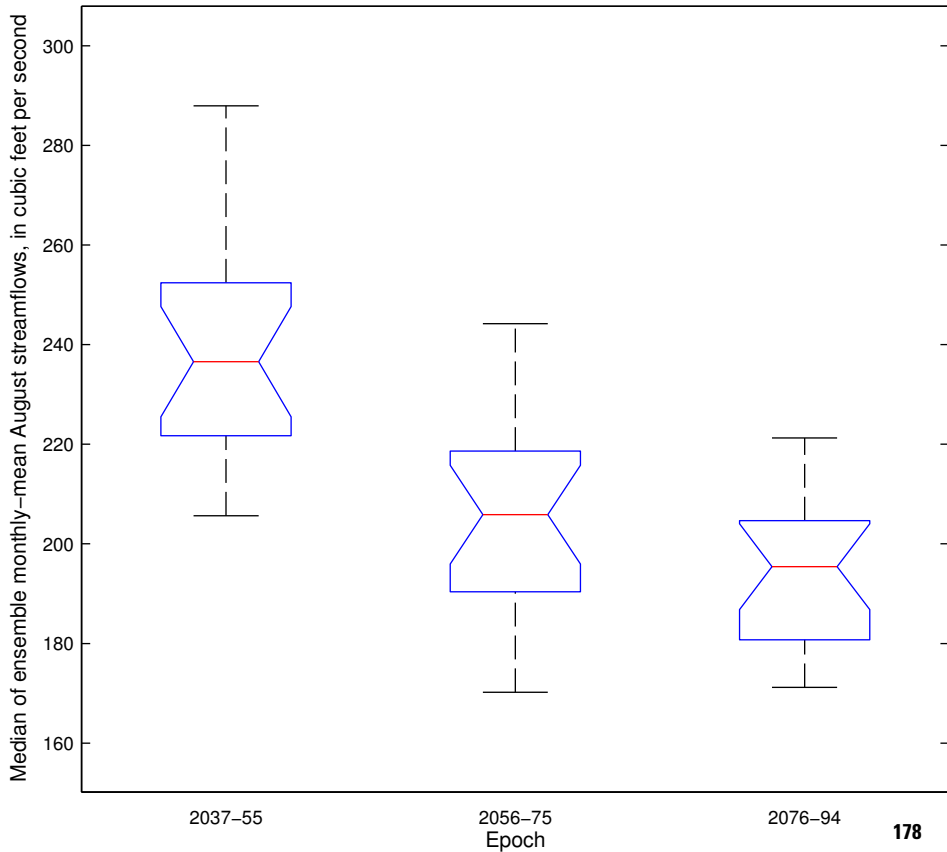




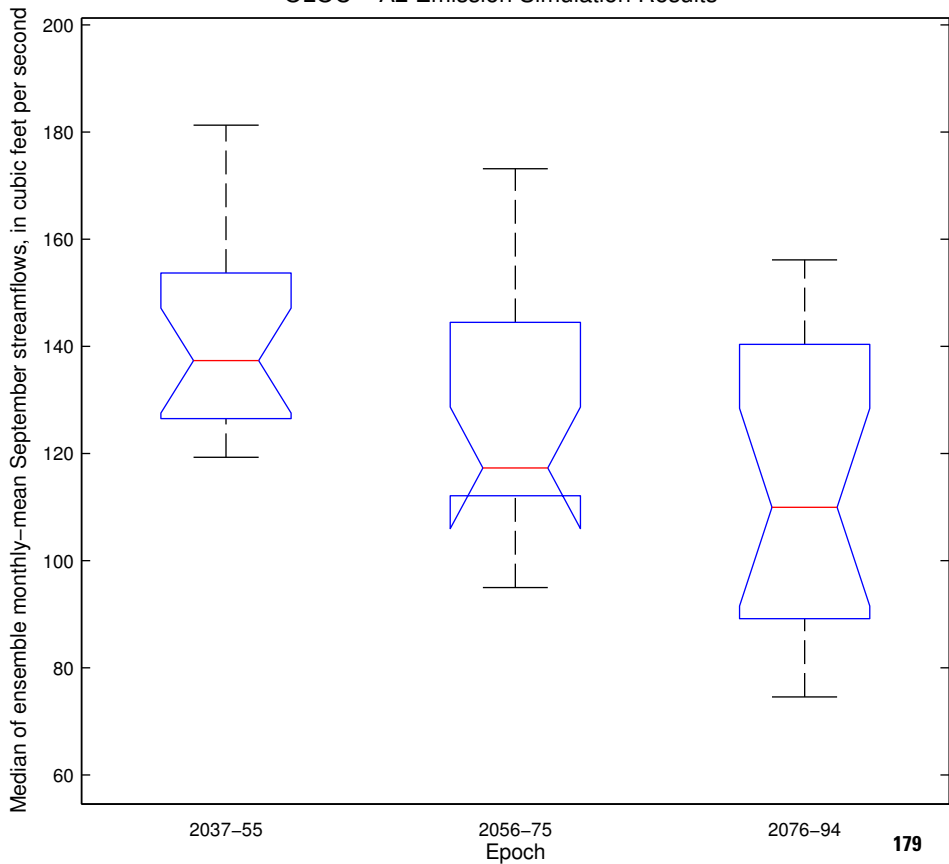
# OLOC – A2 Emission Simulation Results



# OLOC – A2 Emission Simulation Results

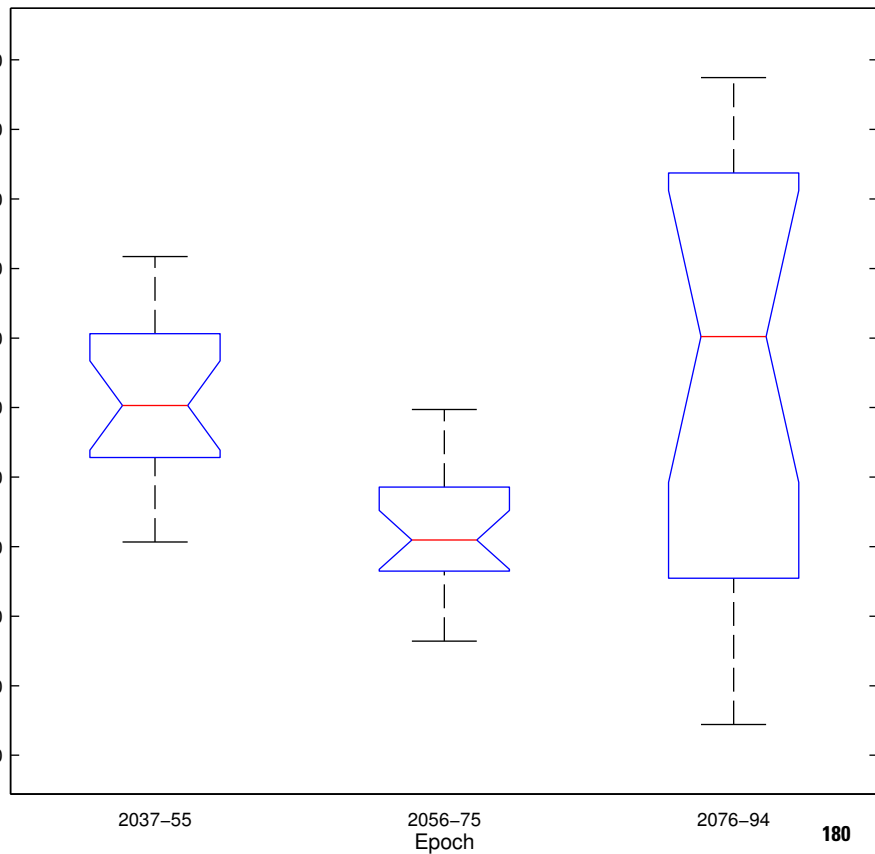


# OLOC – A2 Emission Simulation Results



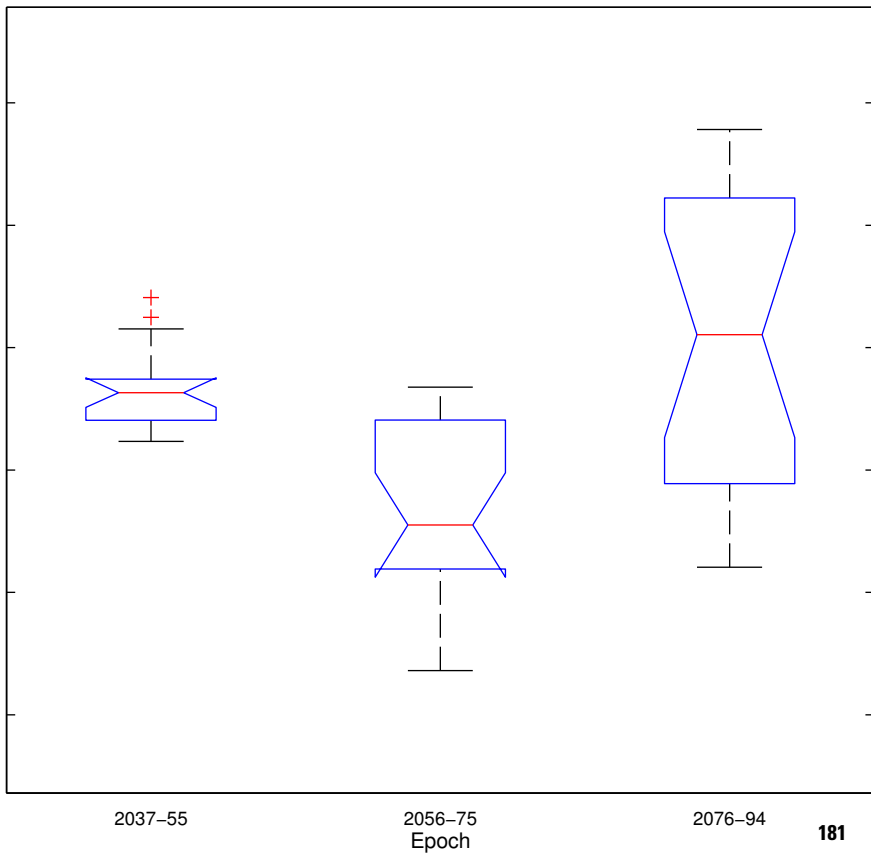
# OLOC – A2 Emission Simulation Results

Median of ensemble monthly-mean October streamflows, in cubic feet per second

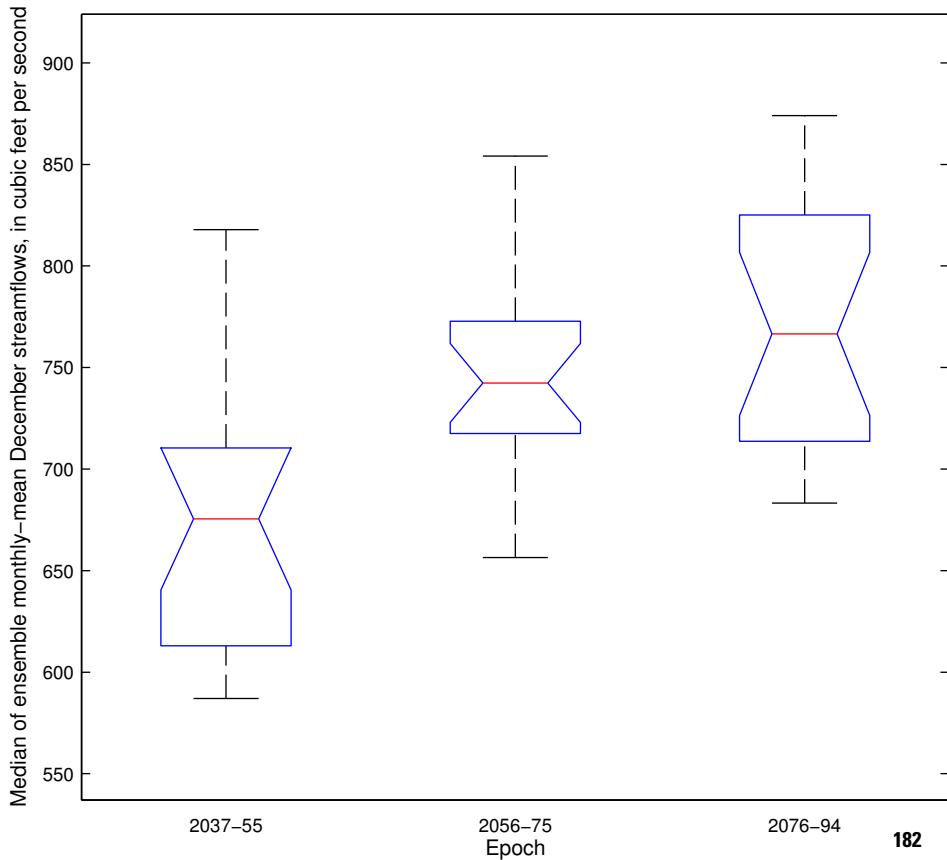


# OLOC – A2 Emission Simulation Results

Median of ensemble monthly-mean November streamflows, in cubic feet per second

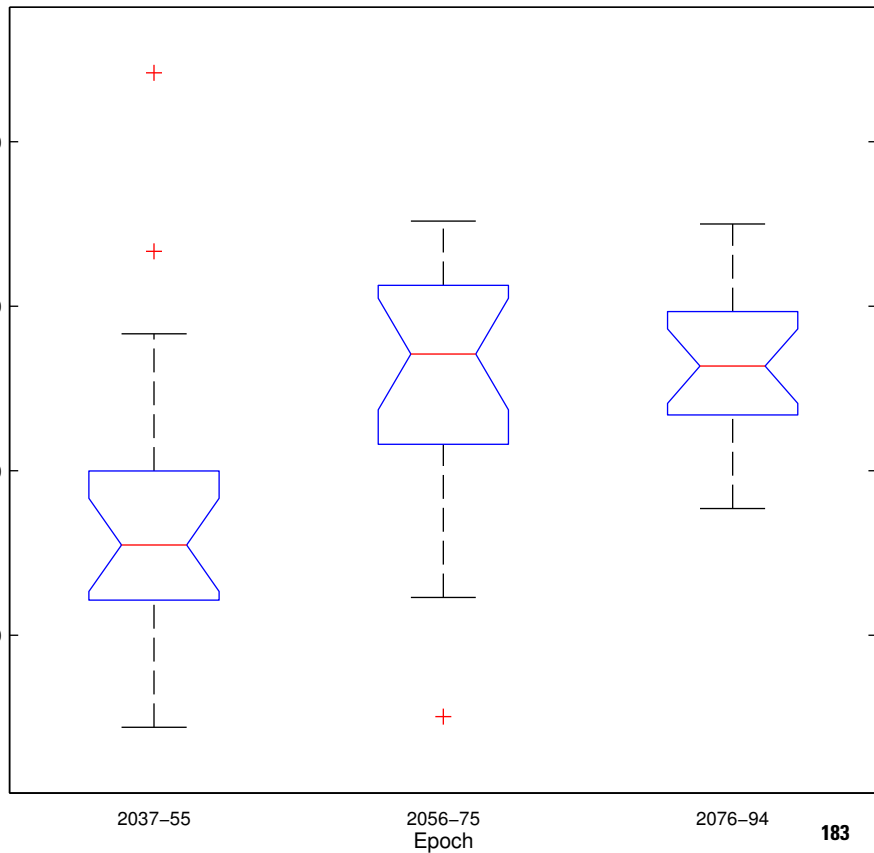


# OLOC – A2 Emission Simulation Results



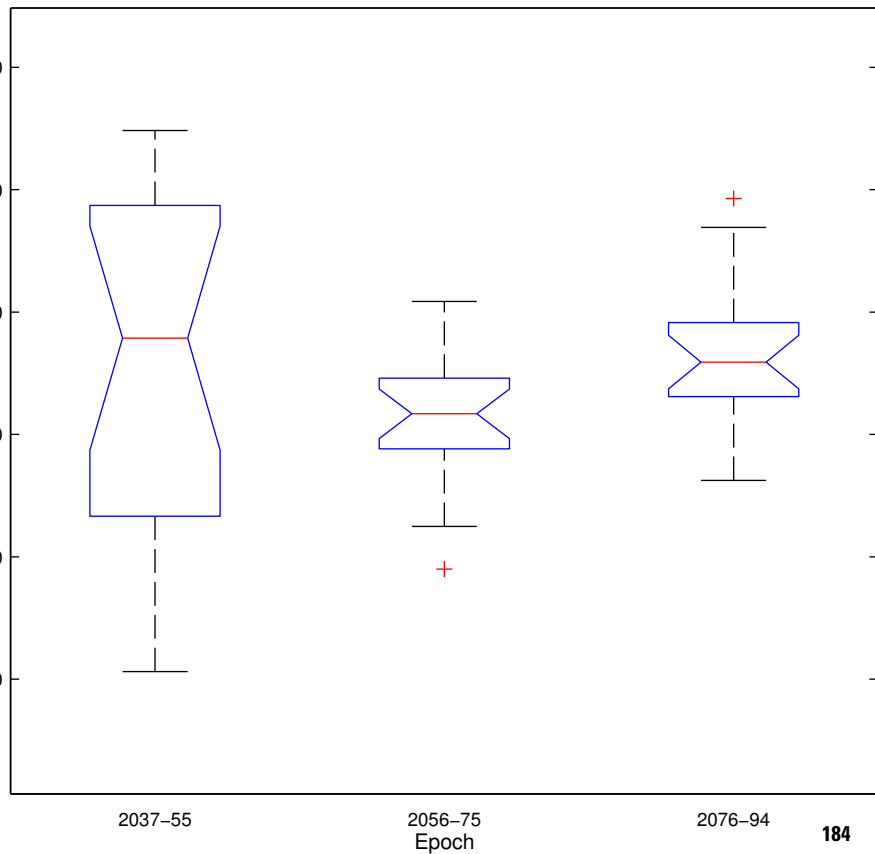
# OLOC – A1b Emission Simulation Results

Median of ensemble monthly–mean January streamflows, in cubic feet per second



# OLOC – A1b Emission Simulation Results

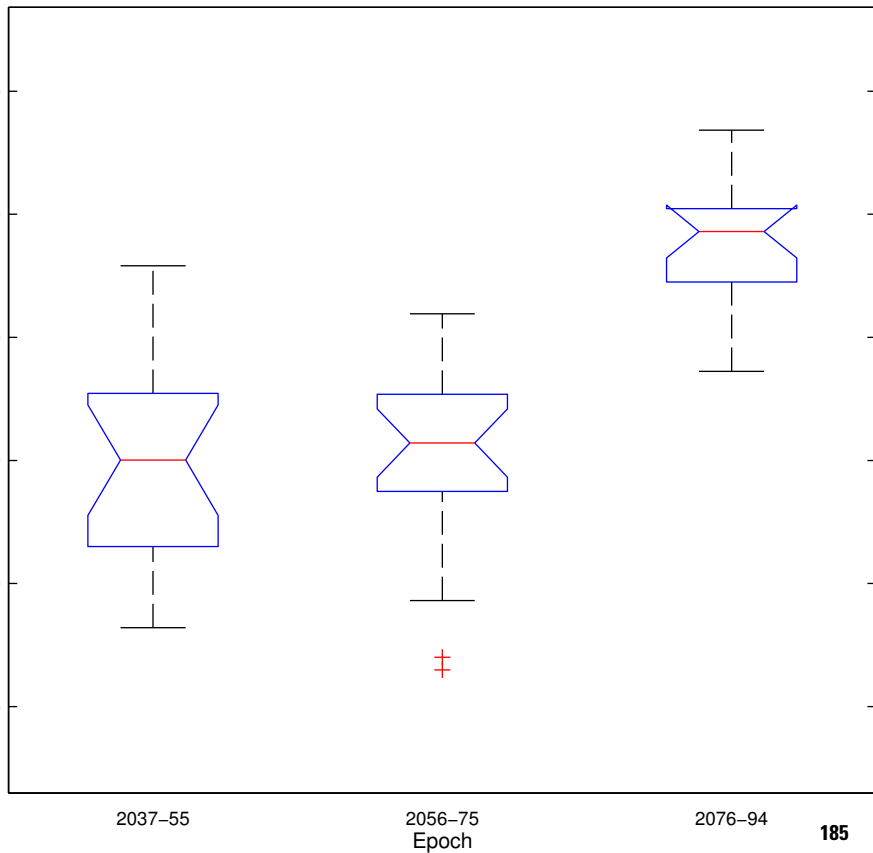
Median of ensemble monthly-mean February streamflows, in cubic feet per second



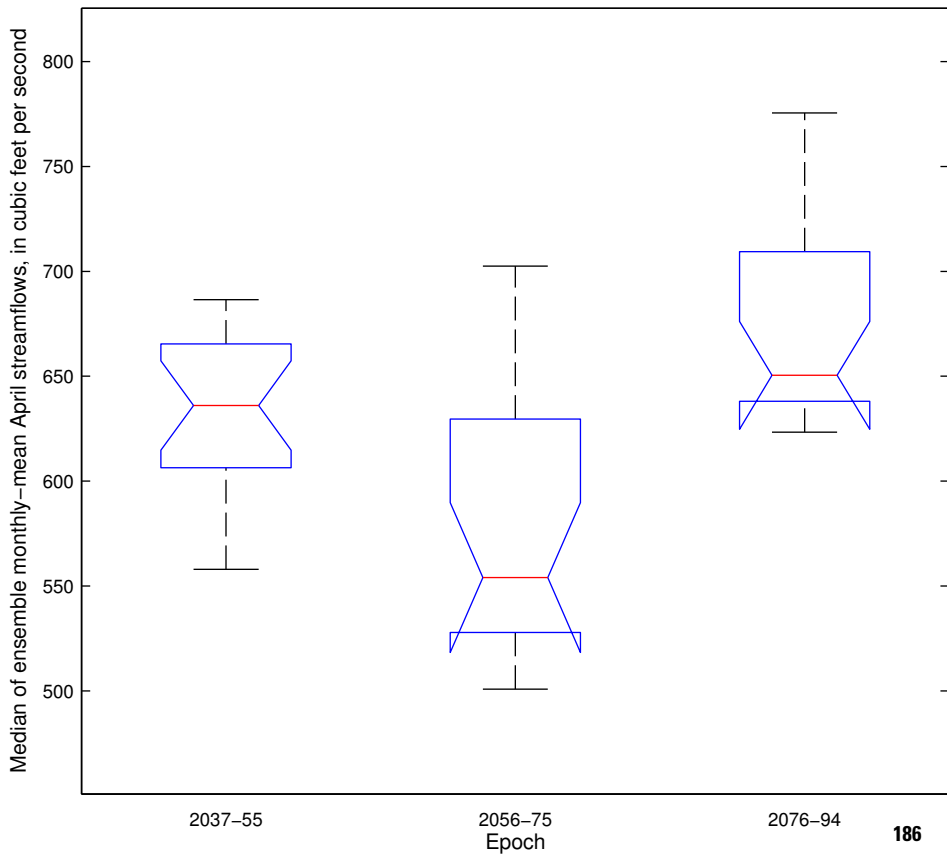


# OLOC – A1b Emission Simulation Results

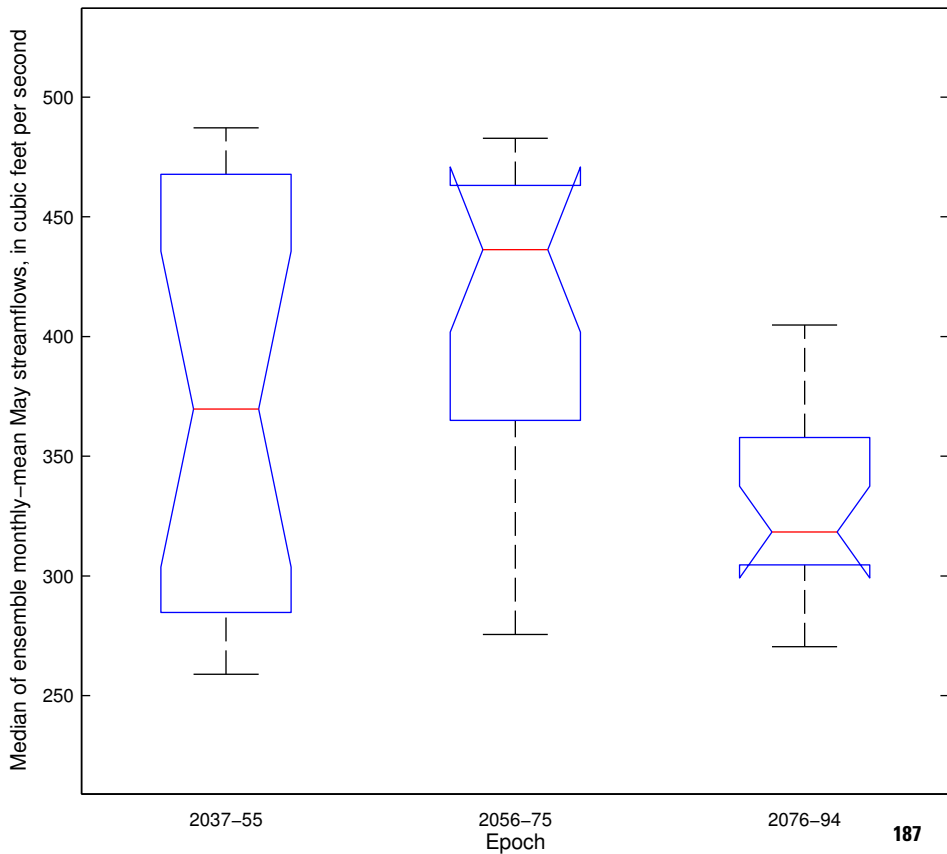
Median of ensemble monthly-mean March streamflows, in cubic feet per second



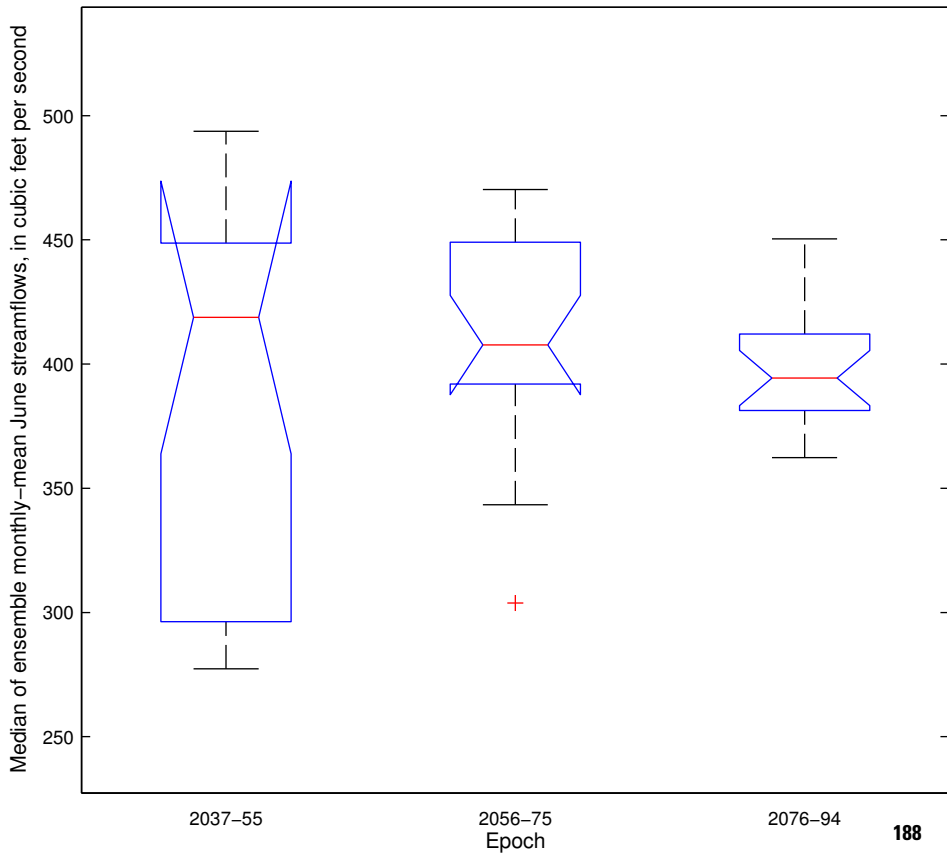
# OLOC – A1b Emission Simulation Results



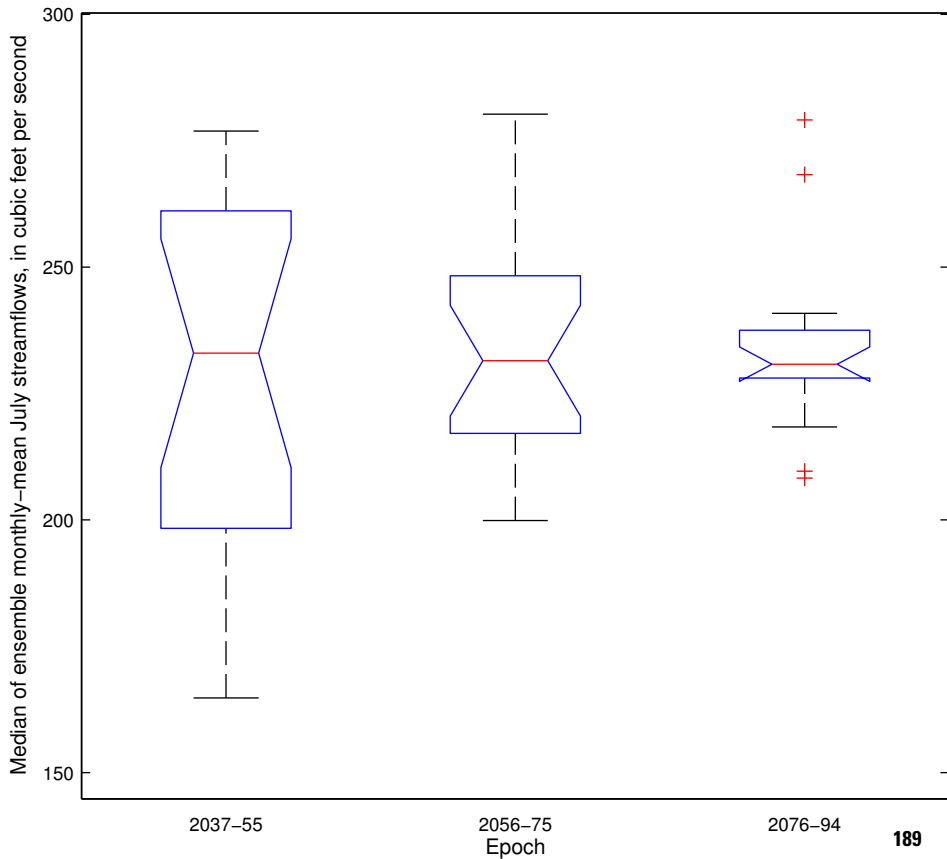
# OLOC – A1b Emission Simulation Results



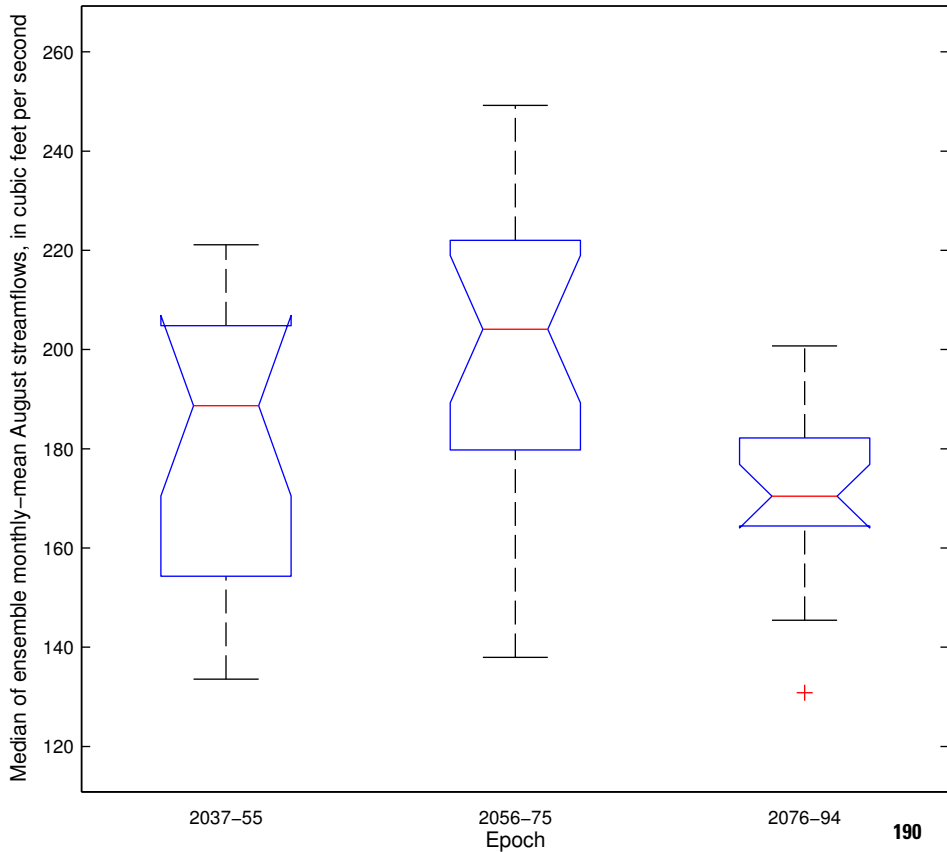
# OLOC – A1b Emission Simulation Results



# OLOC – A1b Emission Simulation Results

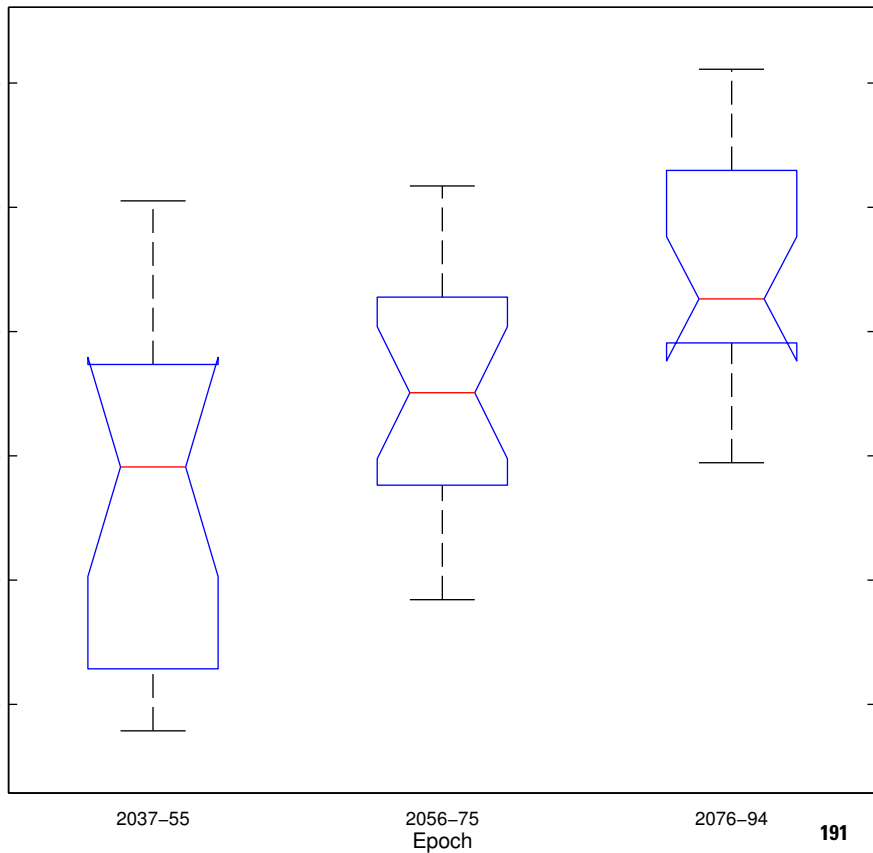


# OLOC – A1b Emission Simulation Results



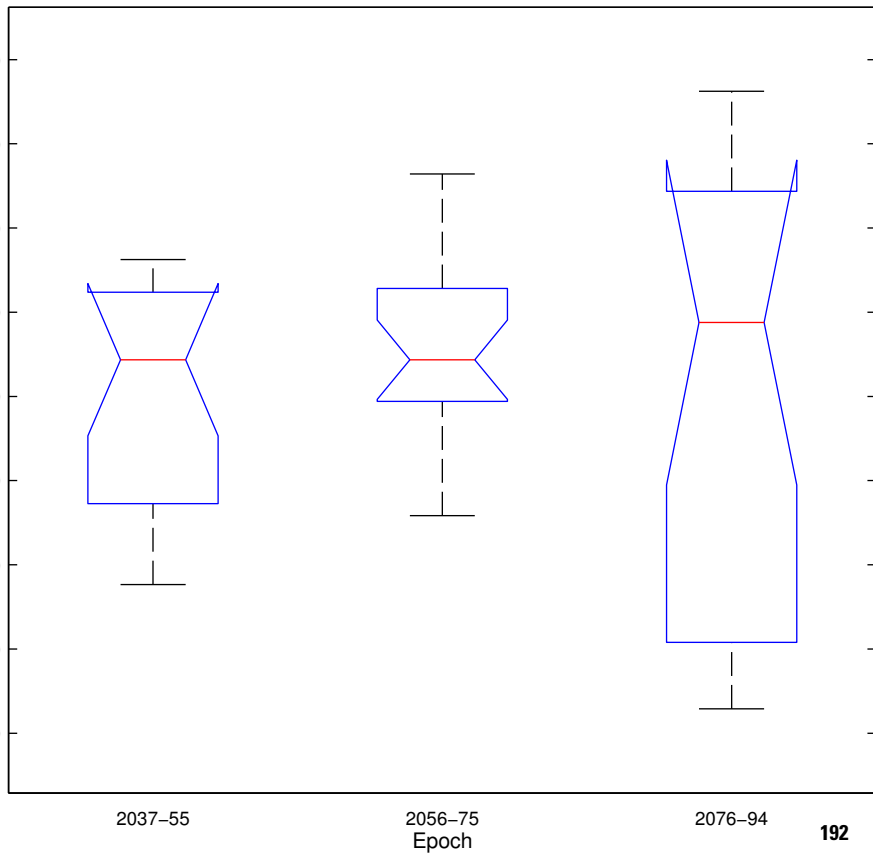
# OLOC – A1b Emission Simulation Results

Median of ensemble monthly–mean September streamflows, in cubic feet per second



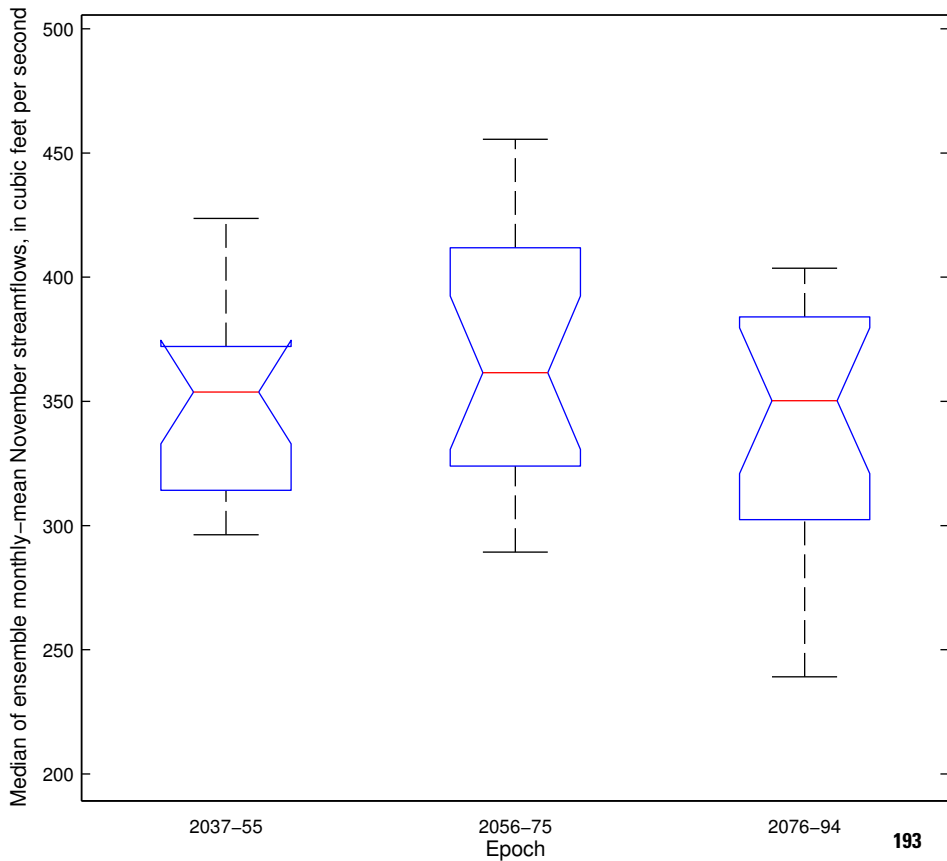
# OLOC – A1b Emission Simulation Results

Median of ensemble monthly-mean October streamflows, in cubic feet per second

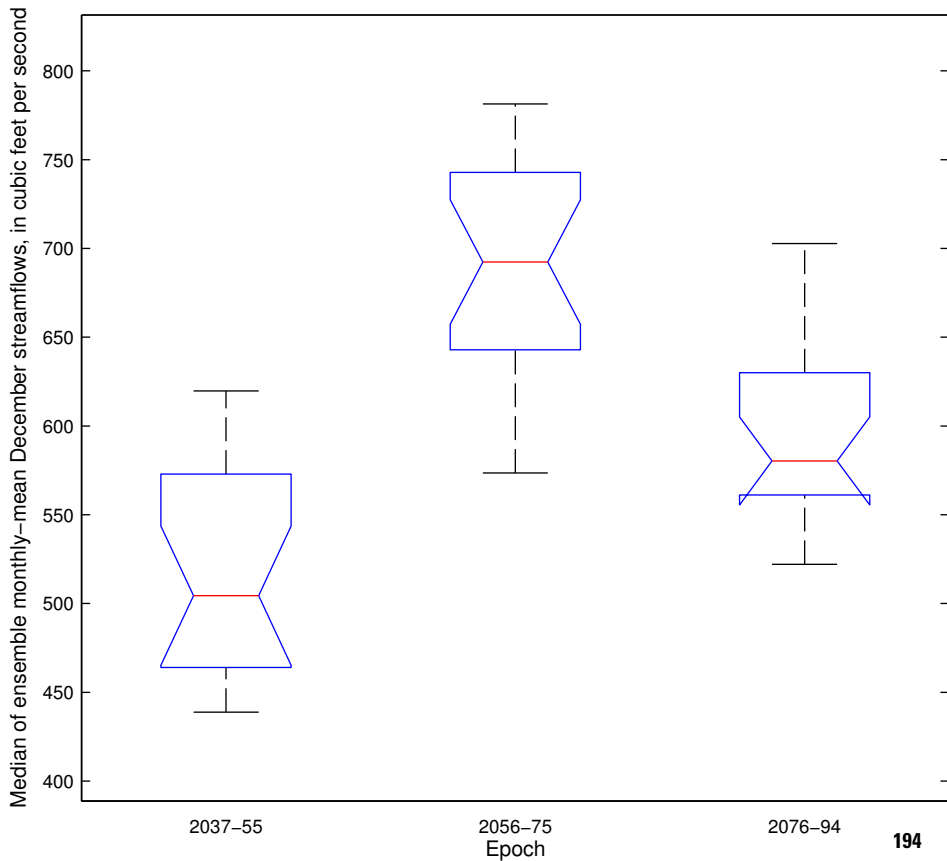




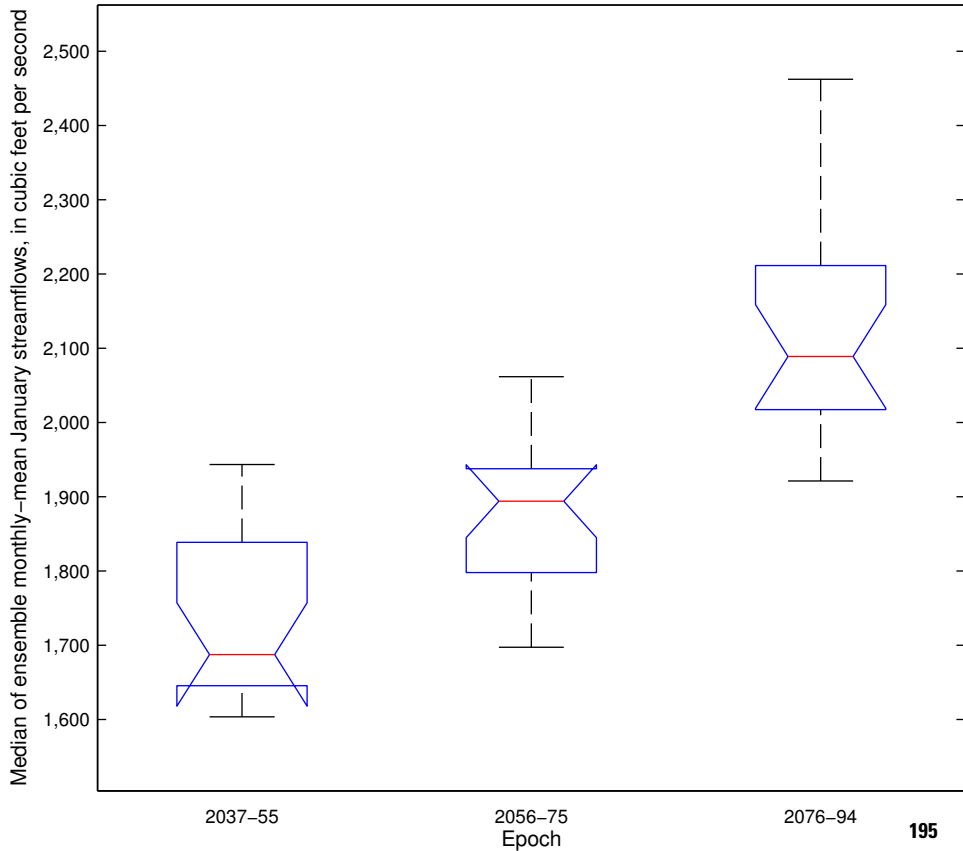
# OLOC – A1b Emission Simulation Results



# OLOC – A1b Emission Simulation Results

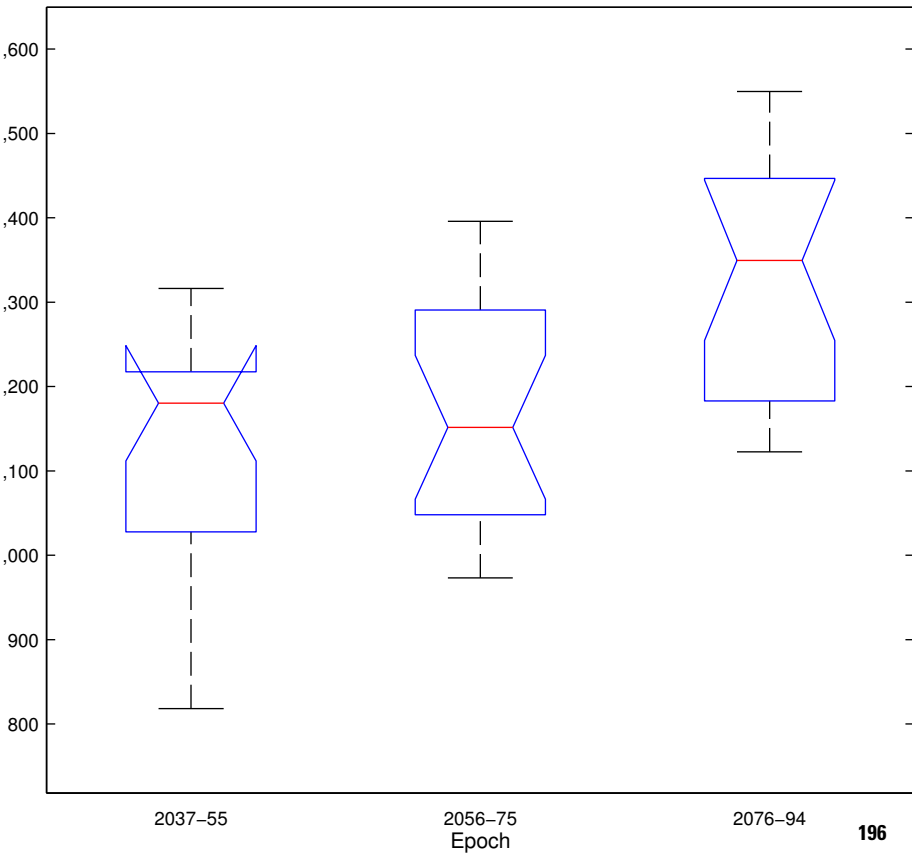


## SROR – A2 Emission Simulation Results



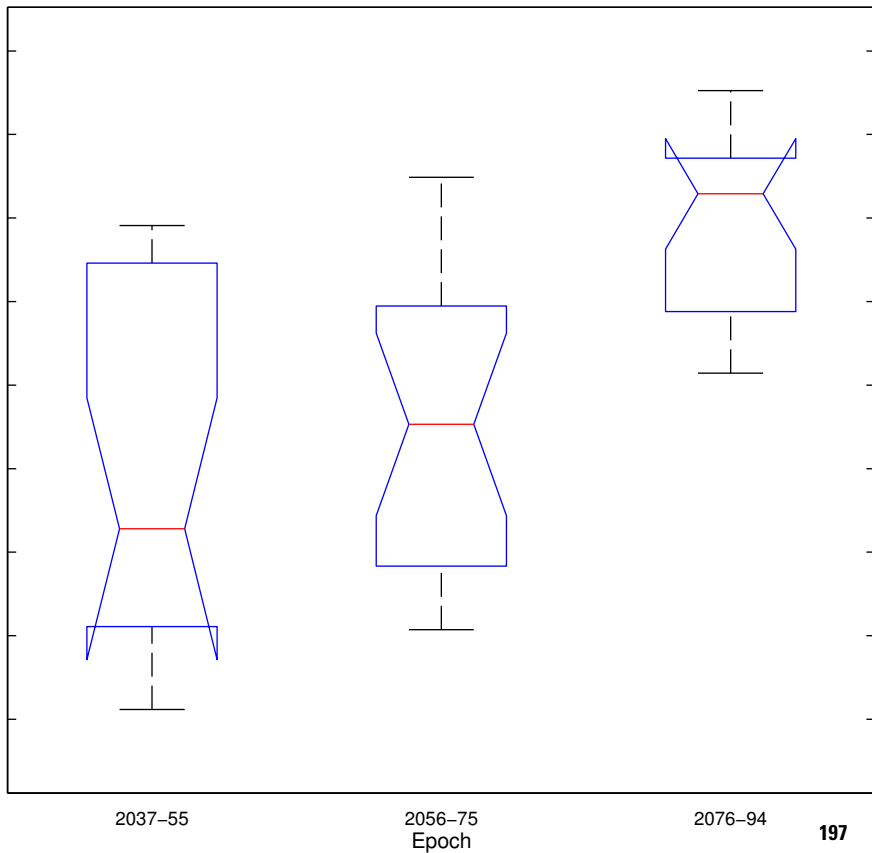
## SROR – A2 Emission Simulation Results

Median of ensemble monthly-mean February streamflows, in cubic feet per second

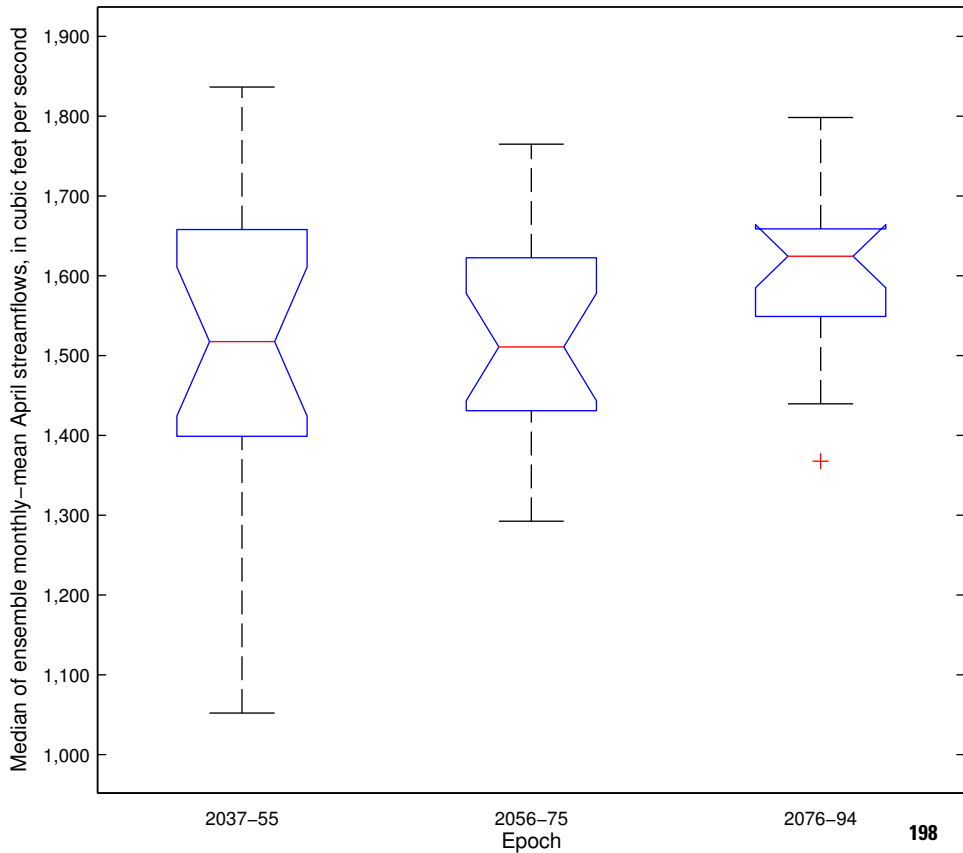


# SROR – A2 Emission Simulation Results

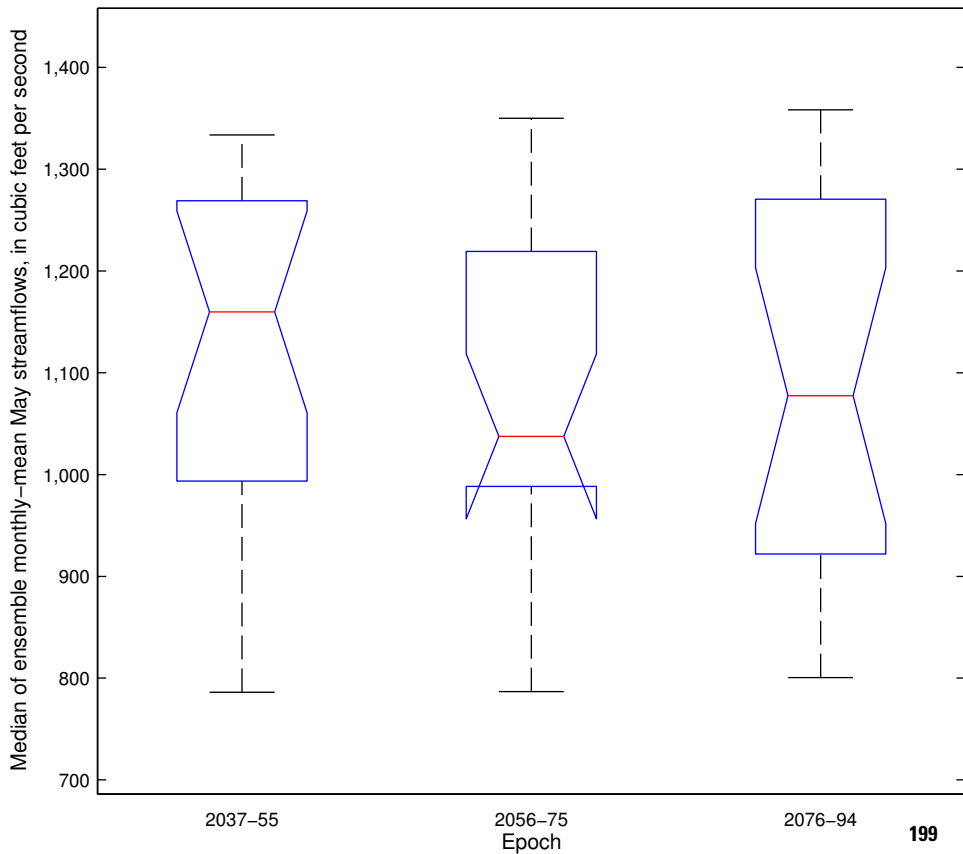
Median of ensemble monthly-mean March streamflows, in cubic feet per second



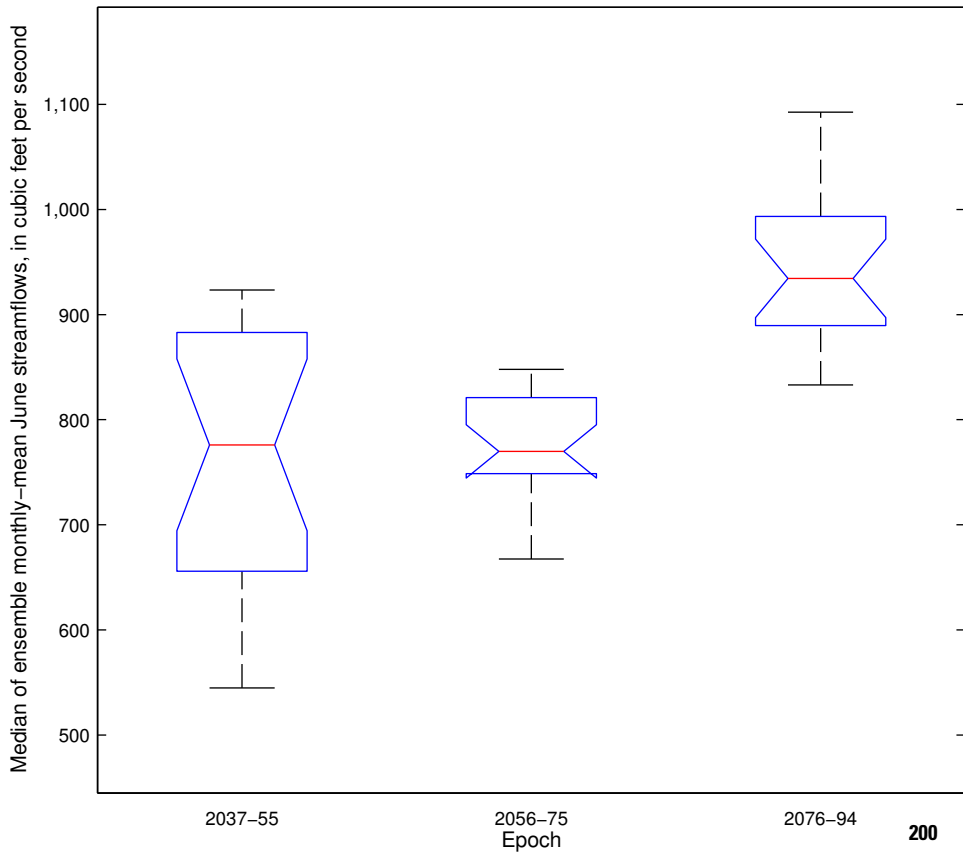
## SROR – A2 Emission Simulation Results



## SROR – A2 Emission Simulation Results

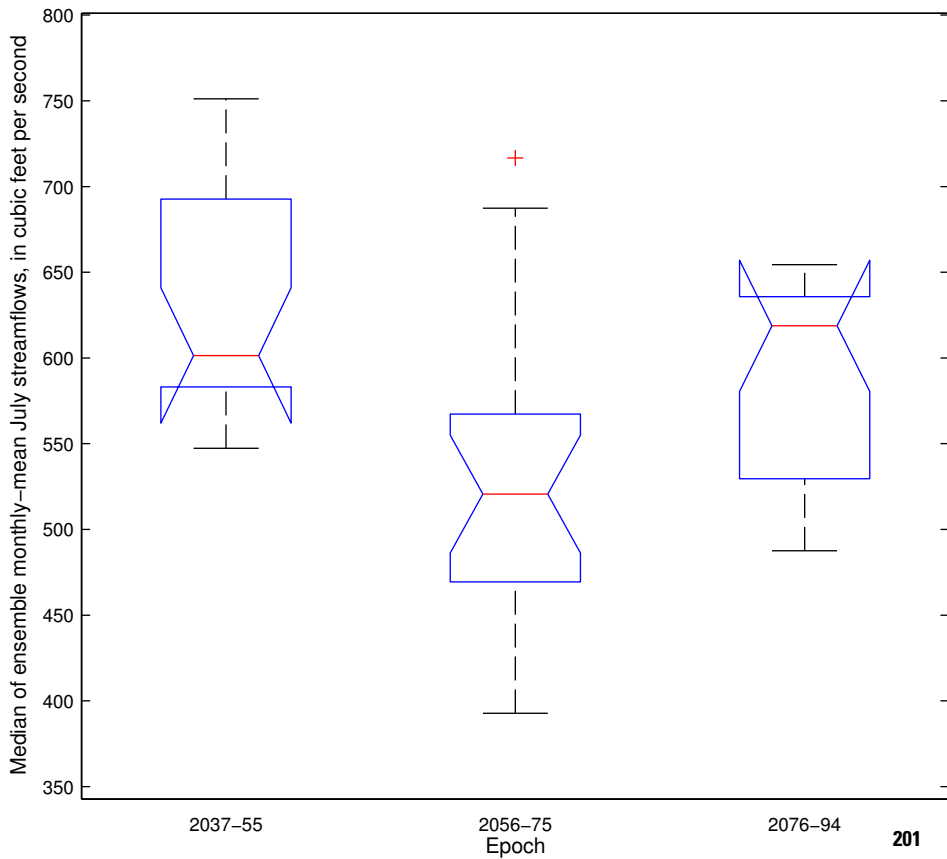


## SROR – A2 Emission Simulation Results

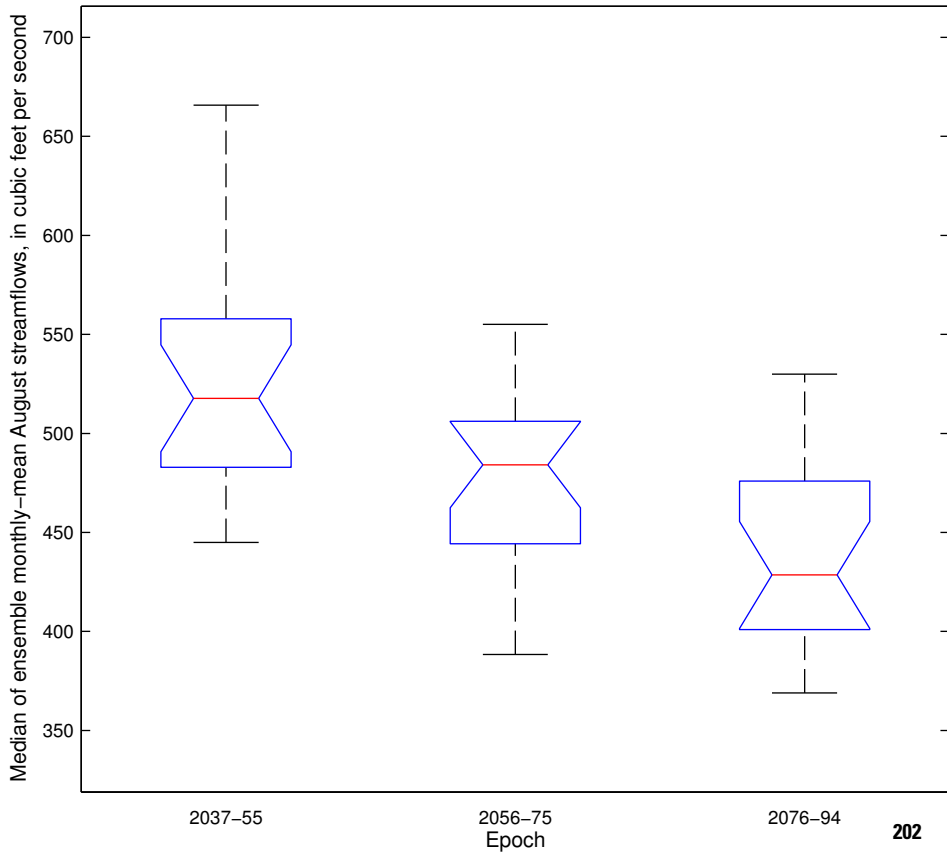




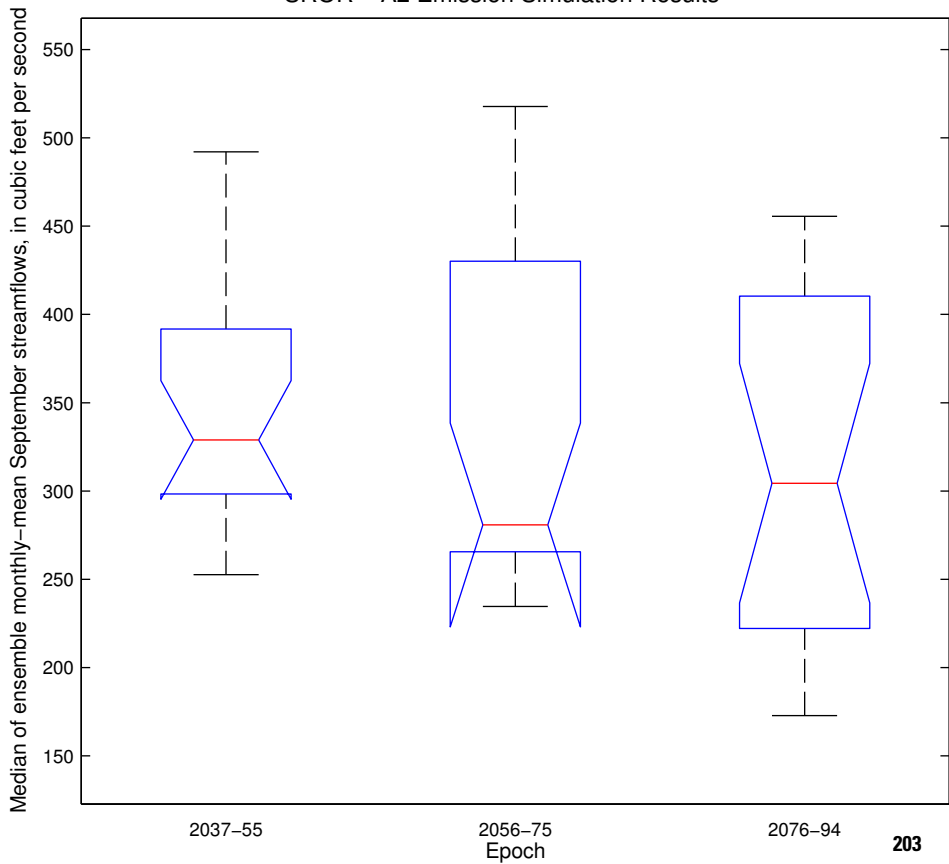
## SROR – A2 Emission Simulation Results



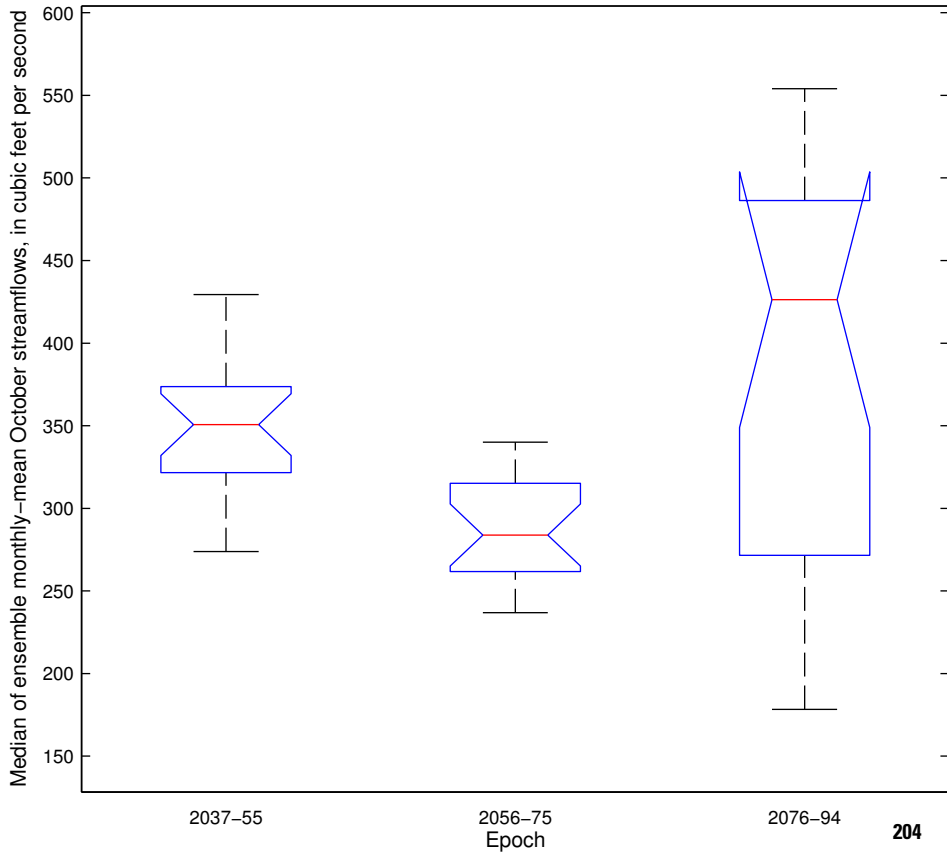
## SROR – A2 Emission Simulation Results



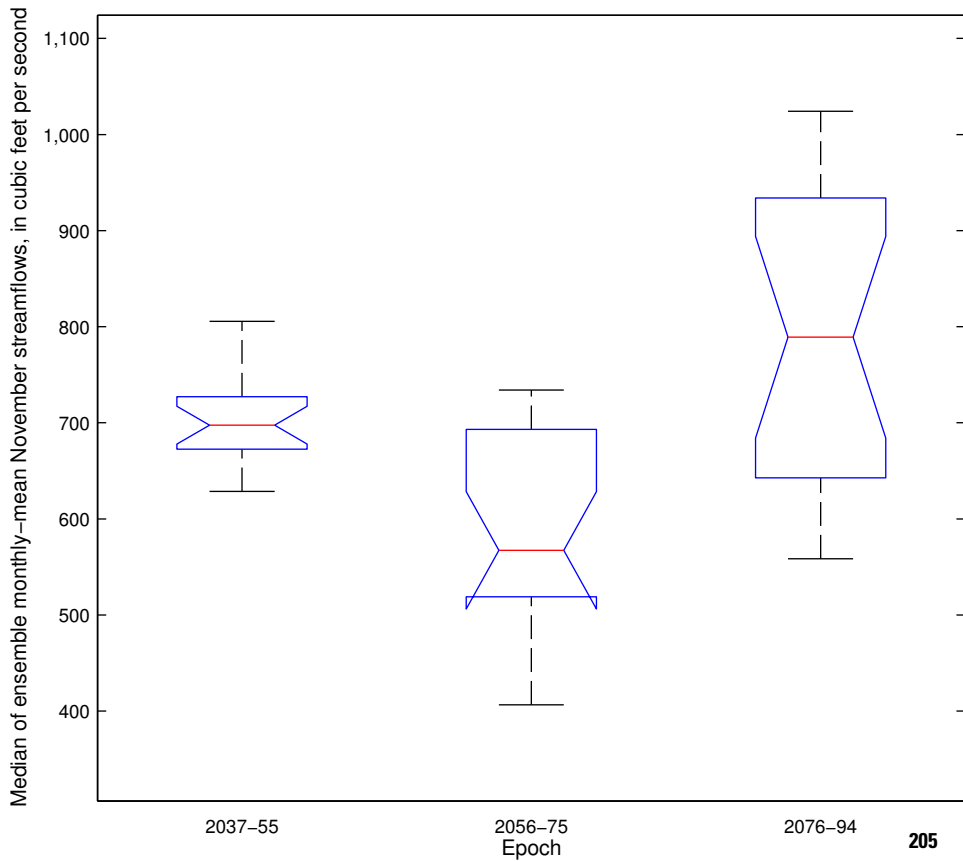
## SROR – A2 Emission Simulation Results



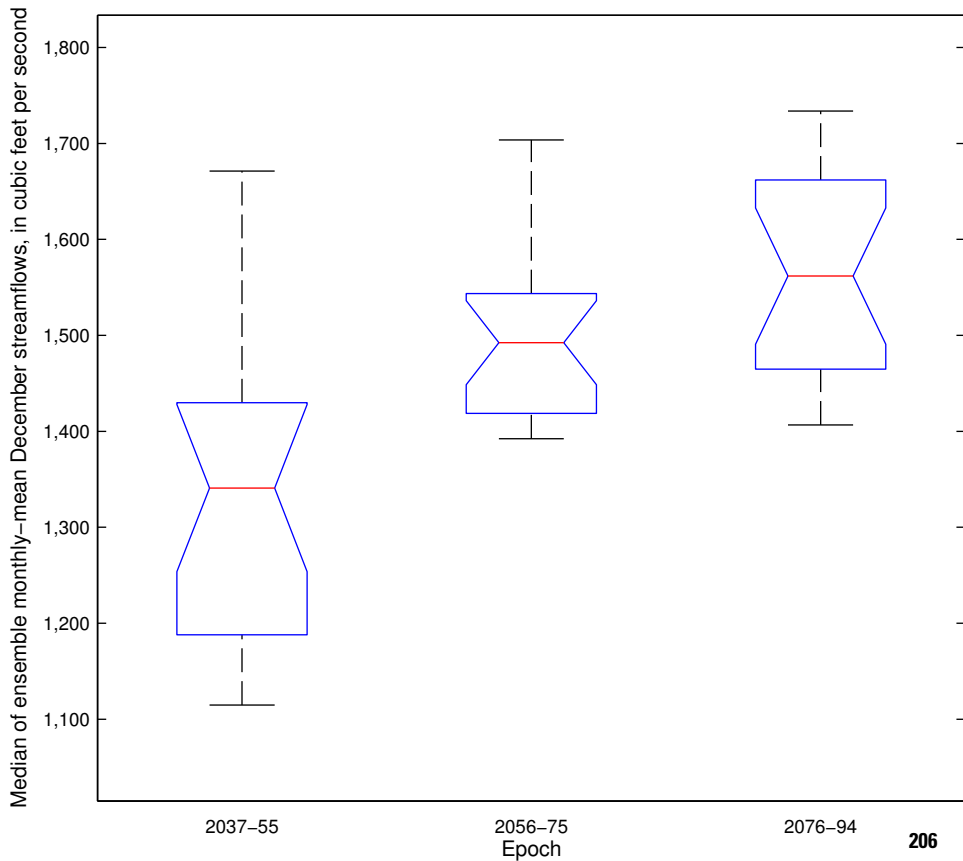
## SROR – A2 Emission Simulation Results



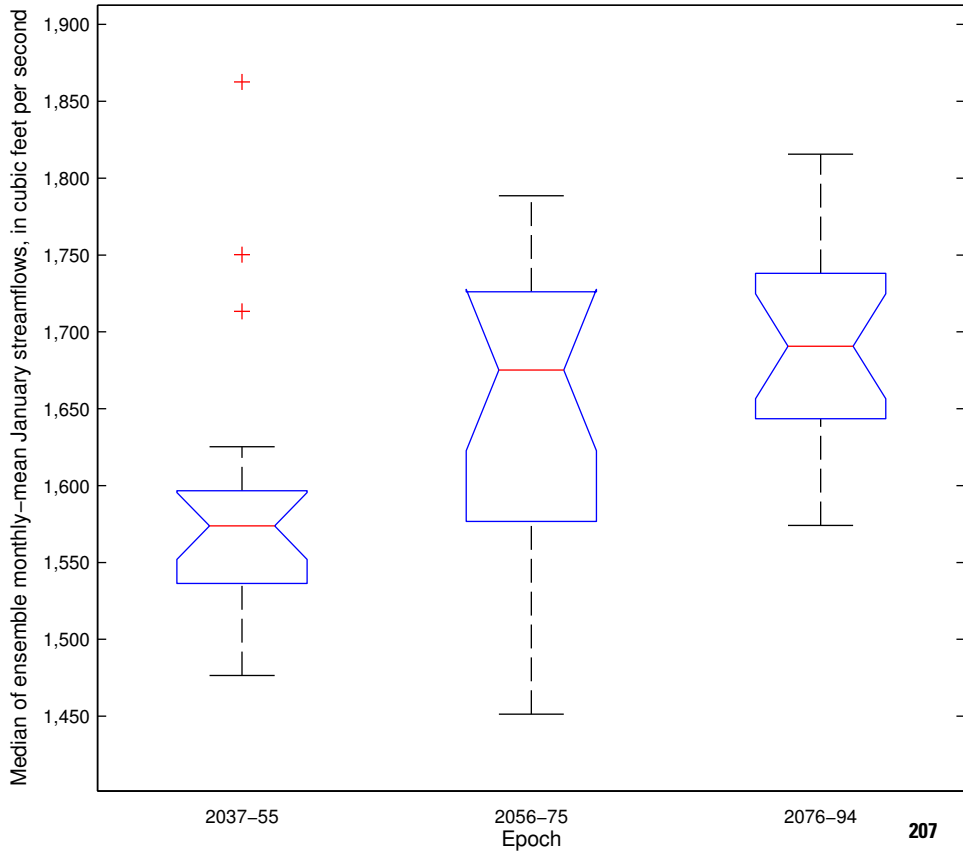
## SROR – A2 Emission Simulation Results



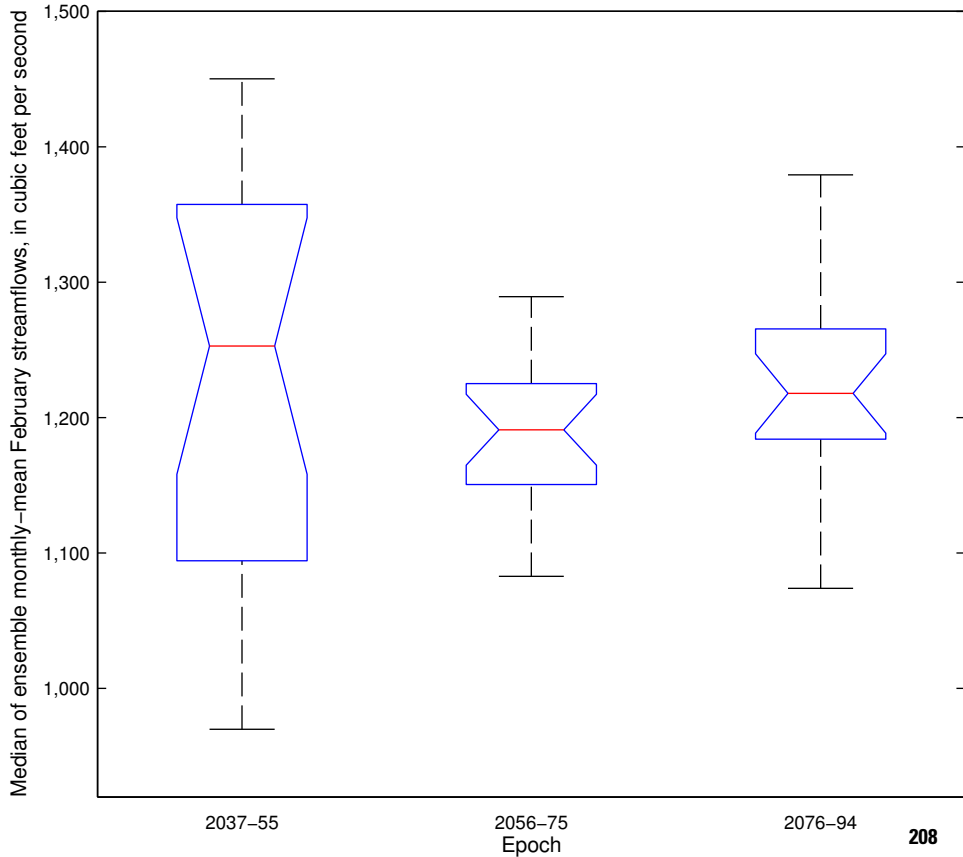
## SROR – A2 Emission Simulation Results



# SROR – A1b Emission Simulation Results



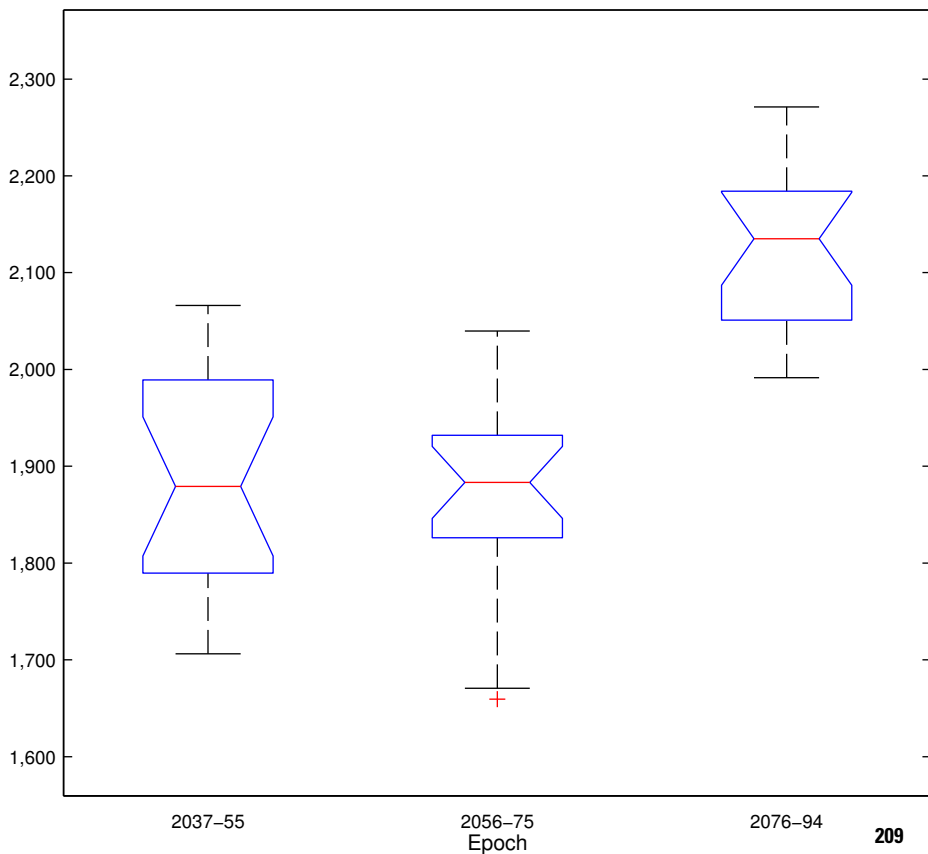
# SROR – A1b Emission Simulation Results





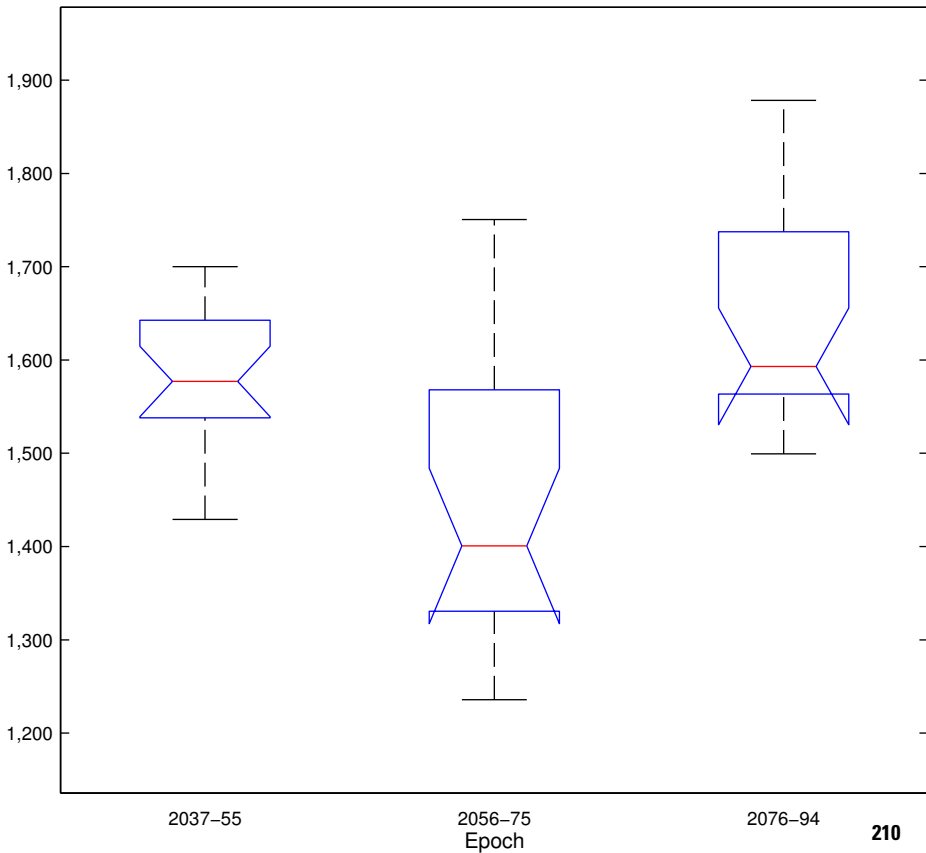
# SROR – A1b Emission Simulation Results

Median of ensemble monthly-mean March streamflows, in cubic feet per second

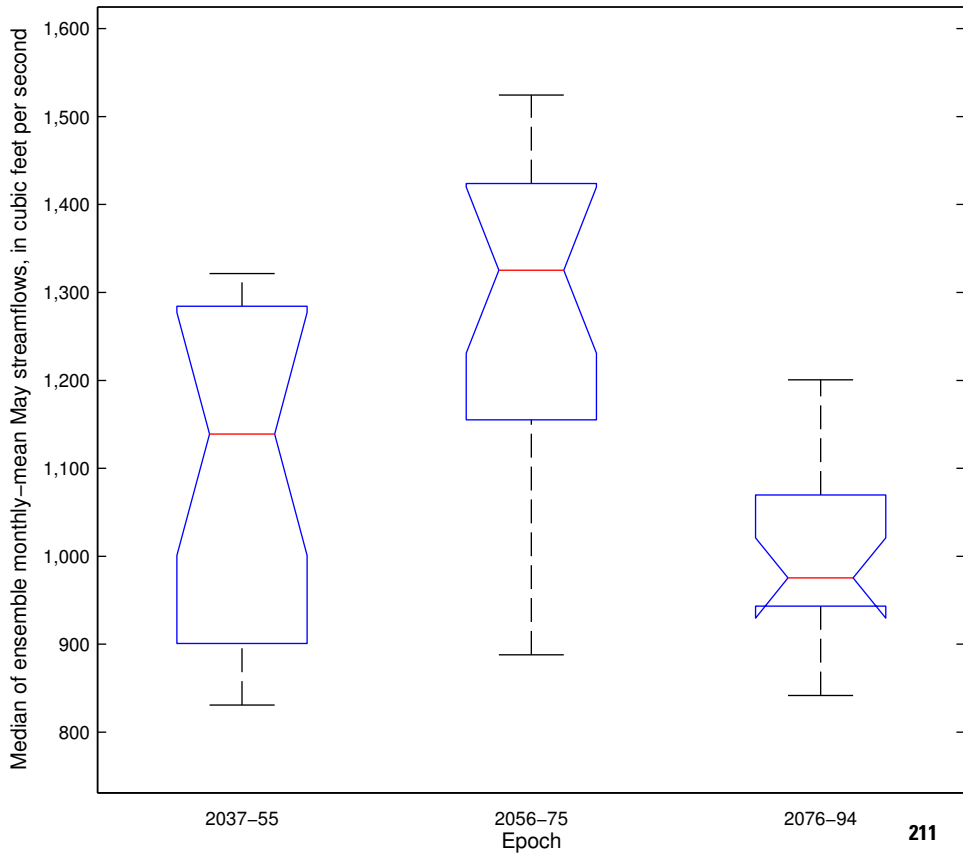


# SROR – A1b Emission Simulation Results

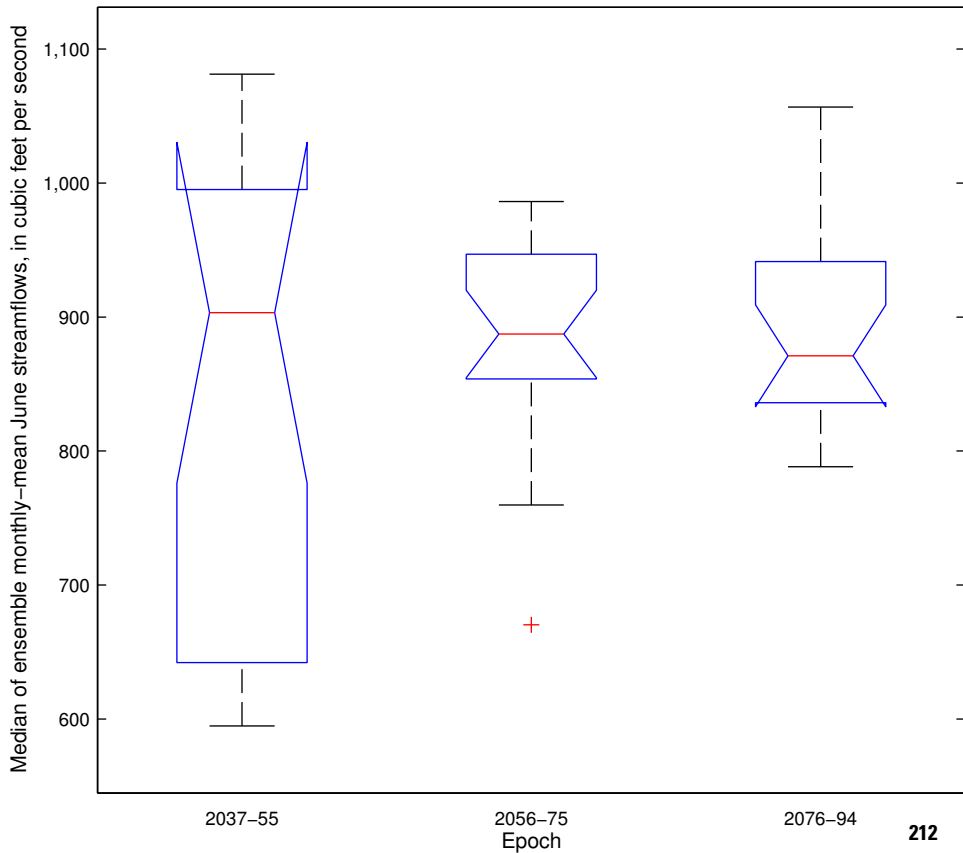
Median of ensemble monthly–mean April streamflows, in cubic feet per second



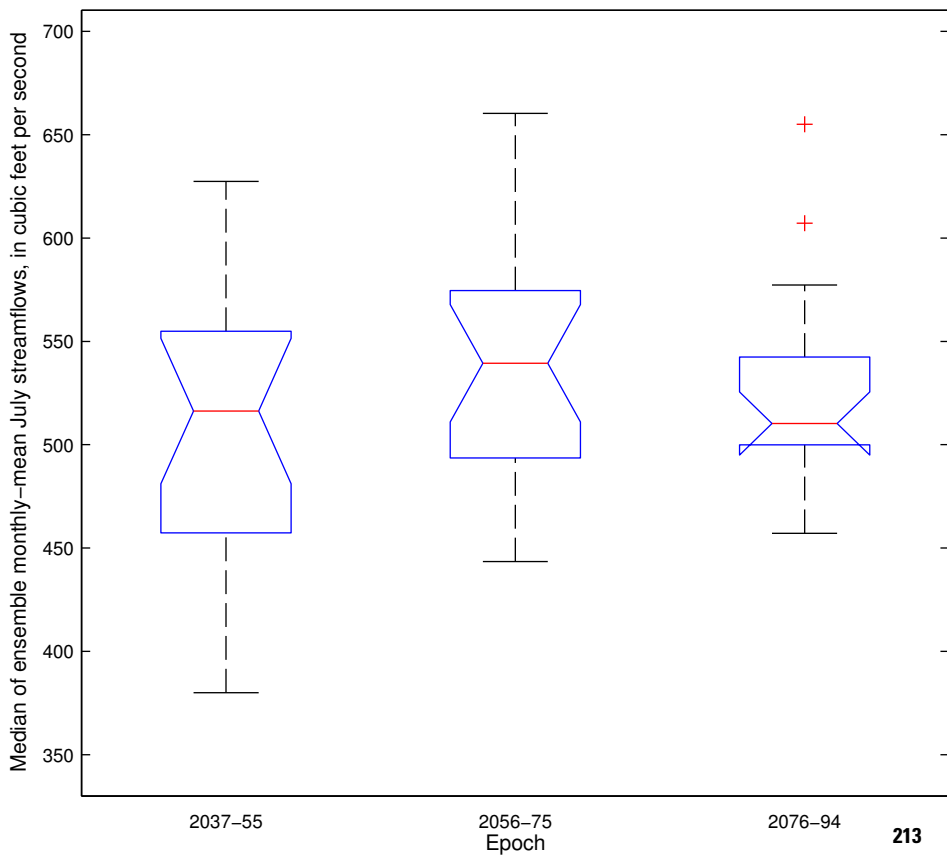
## SROR – A1b Emission Simulation Results



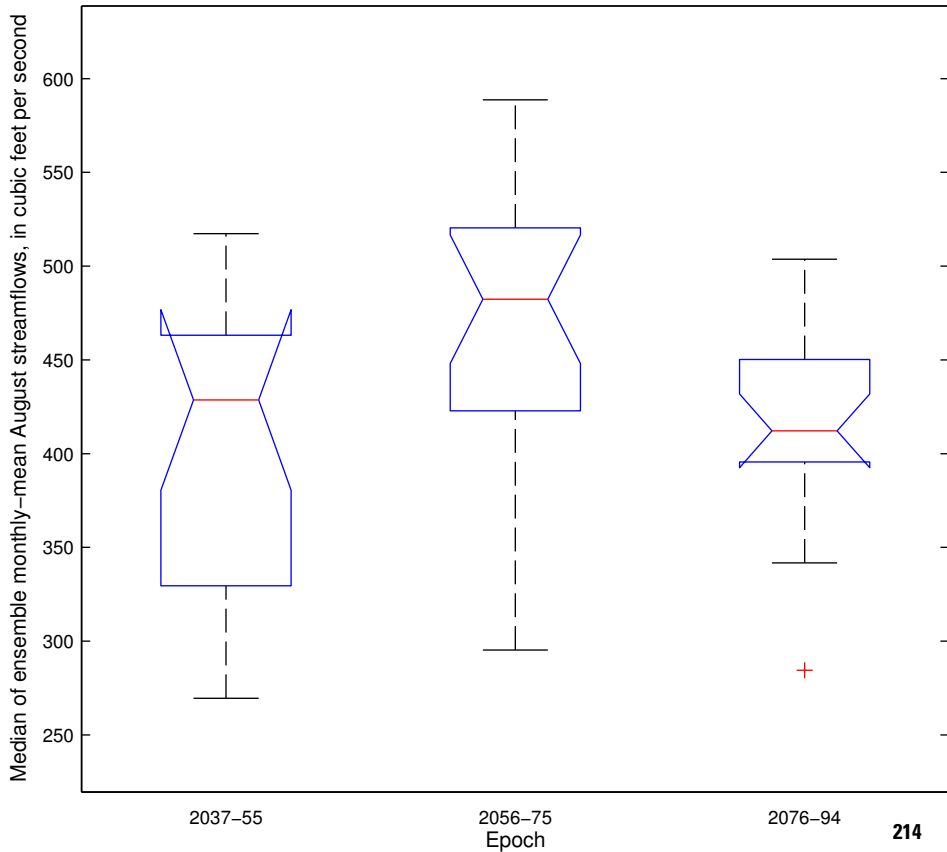
# SROR – A1b Emission Simulation Results



# SROR – A1b Emission Simulation Results

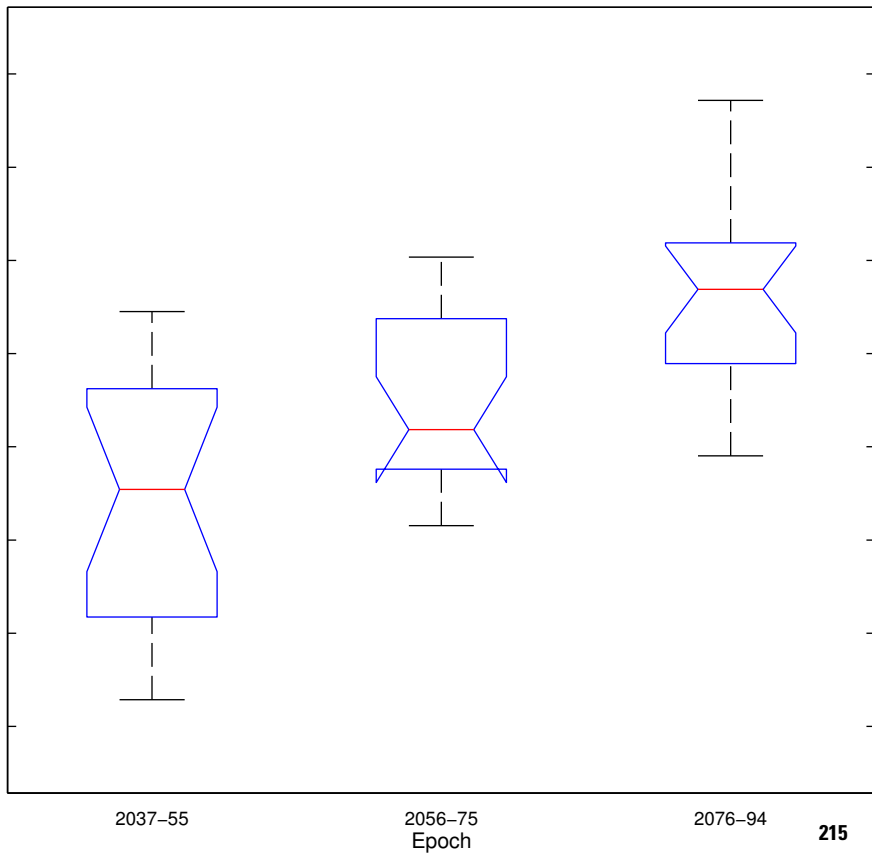


# SROR – A1b Emission Simulation Results

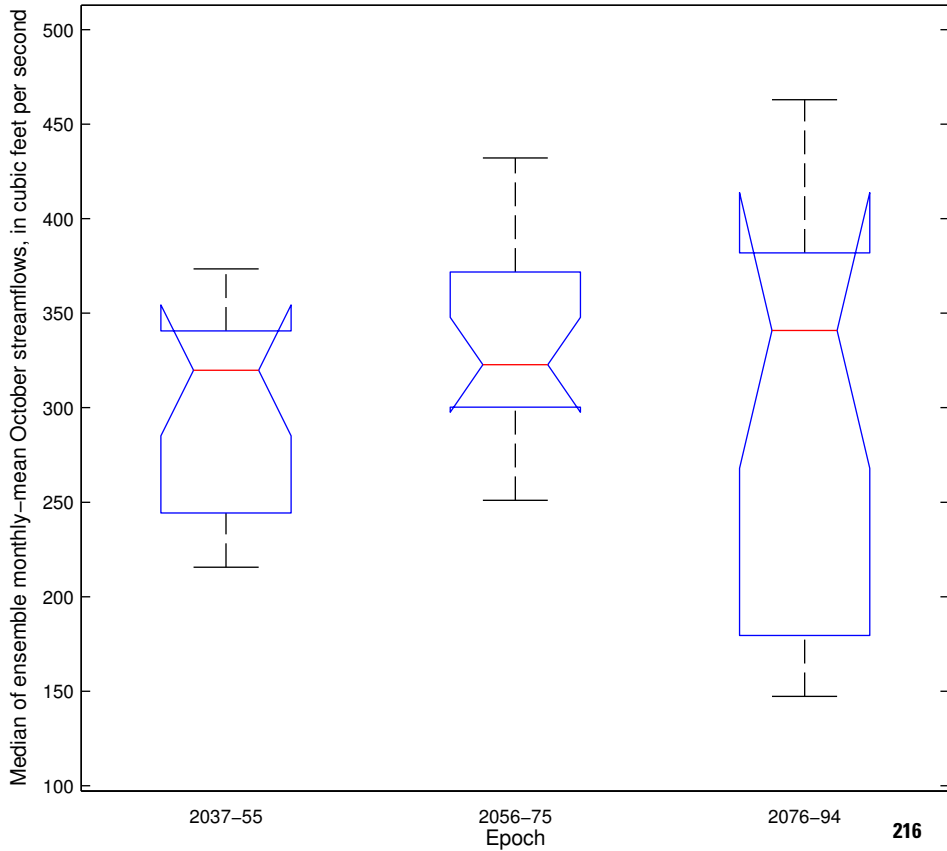


# SROR – A1b Emission Simulation Results

Median of ensemble monthly-mean September streamflows, in cubic feet per second

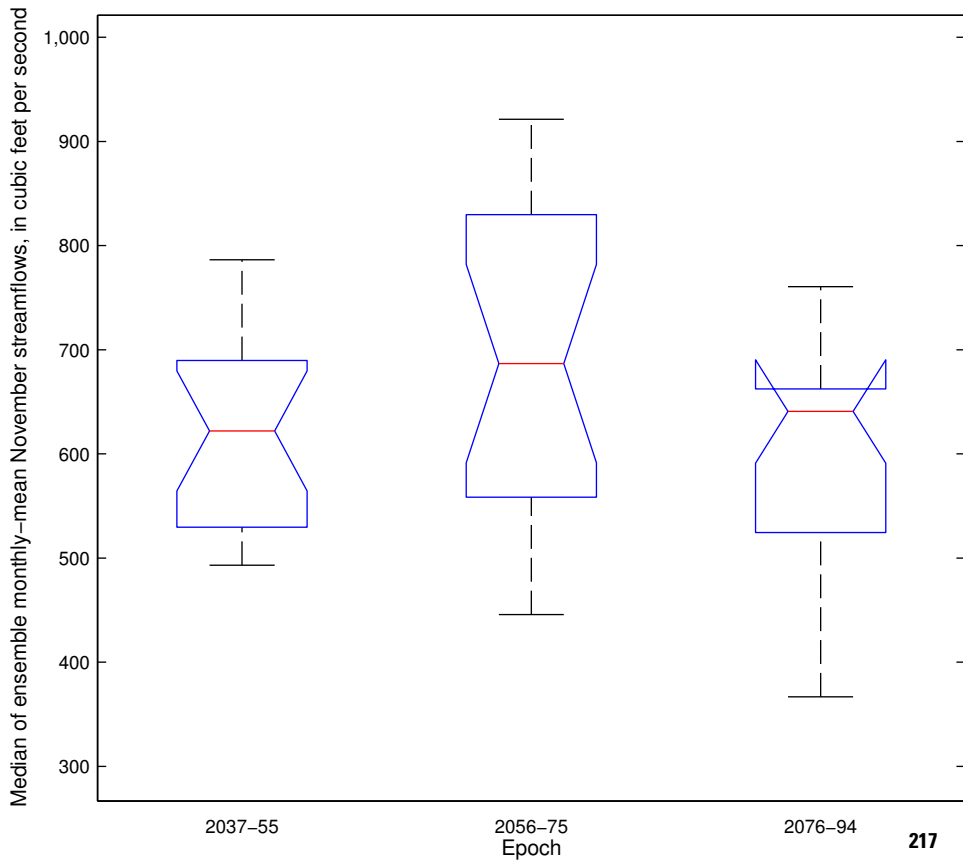


# SROR – A1b Emission Simulation Results



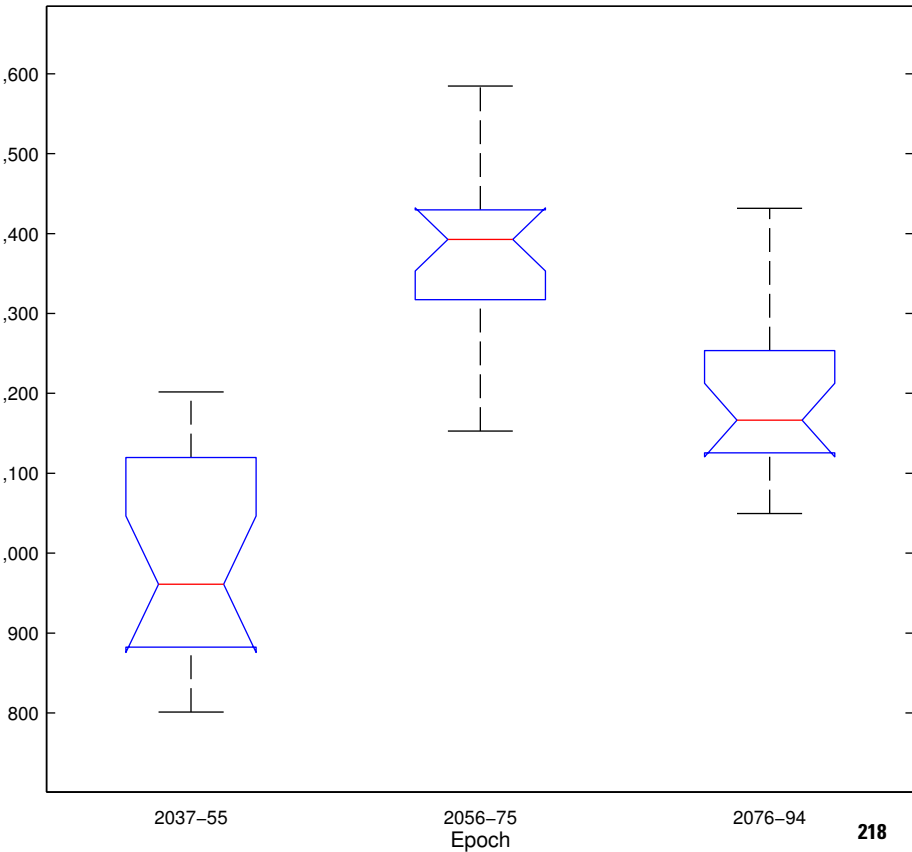


# SROR – A1b Emission Simulation Results

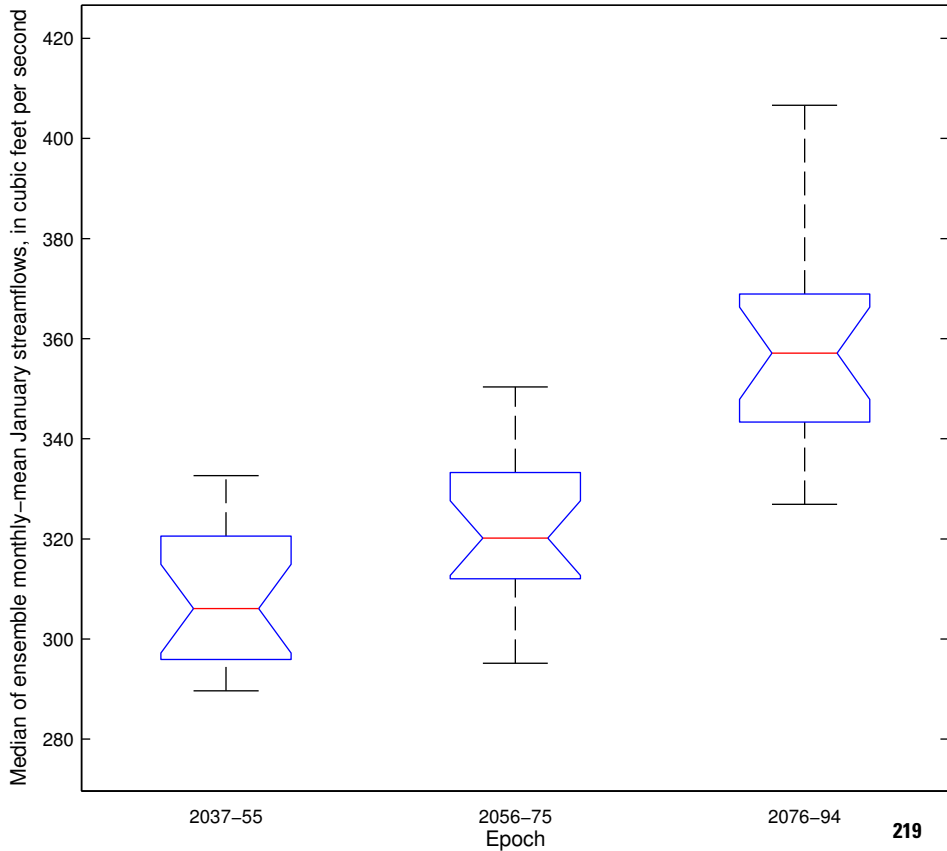


# SROR – A1b Emission Simulation Results

Median of ensemble monthly-mean December streamflows, in cubic feet per second



# CLAR – A2 Emission Simulation Results



# CLAR – A2 Emission Simulation Results

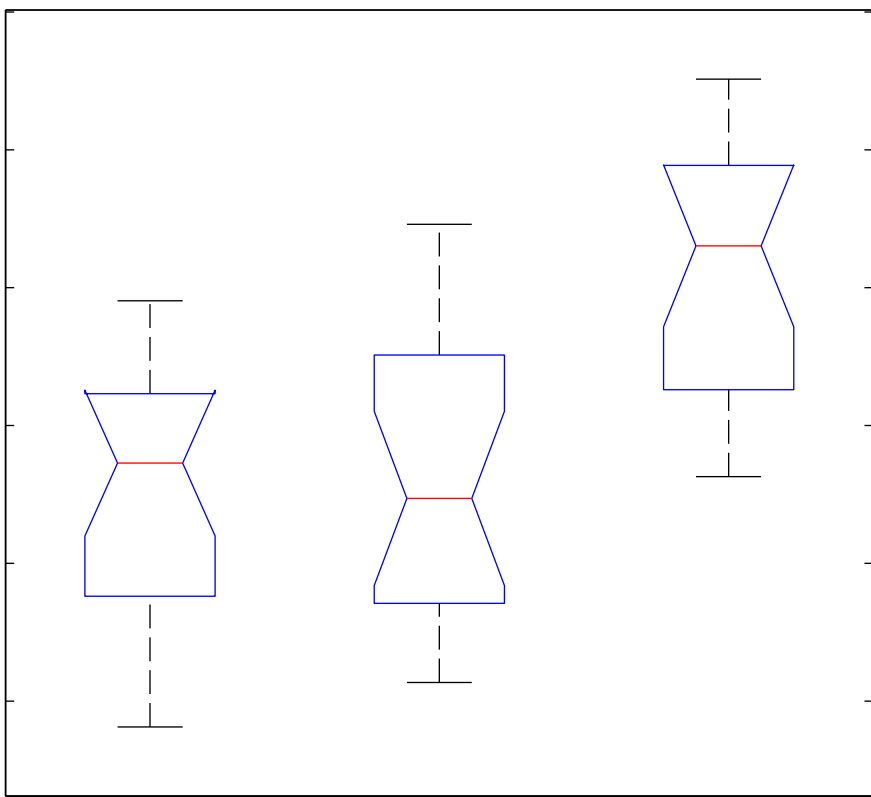
Median of ensemble monthly-mean February streamflows, in cubic feet per second

2037–55

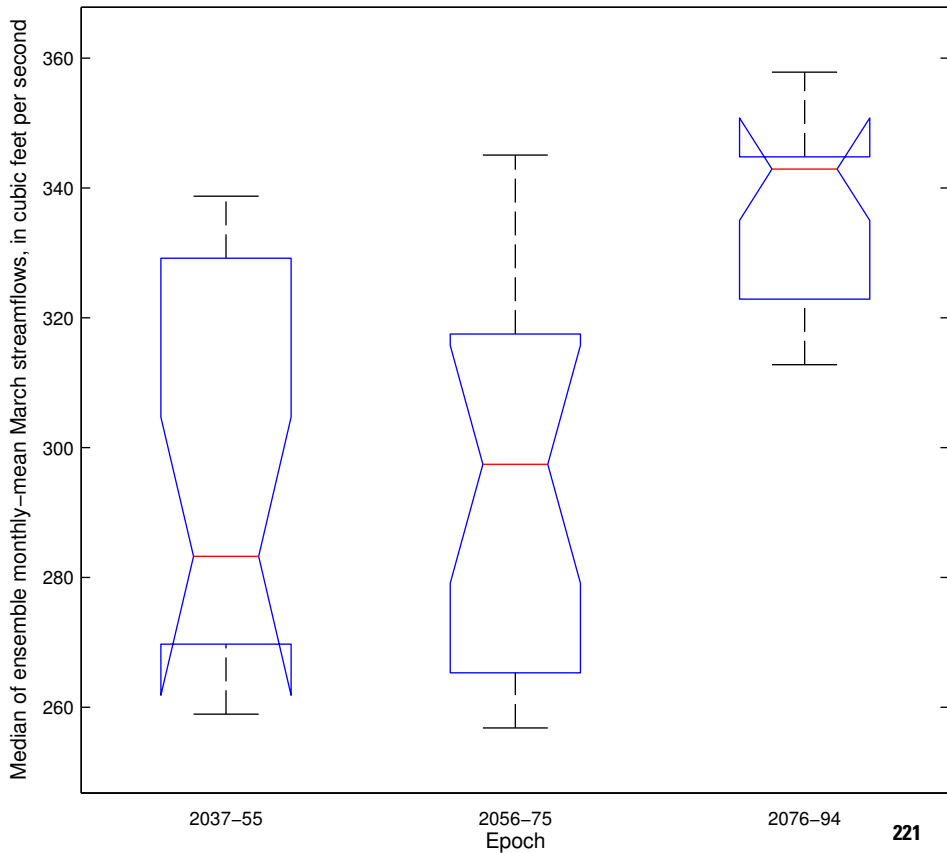
2056–75  
Epoch

2076–94

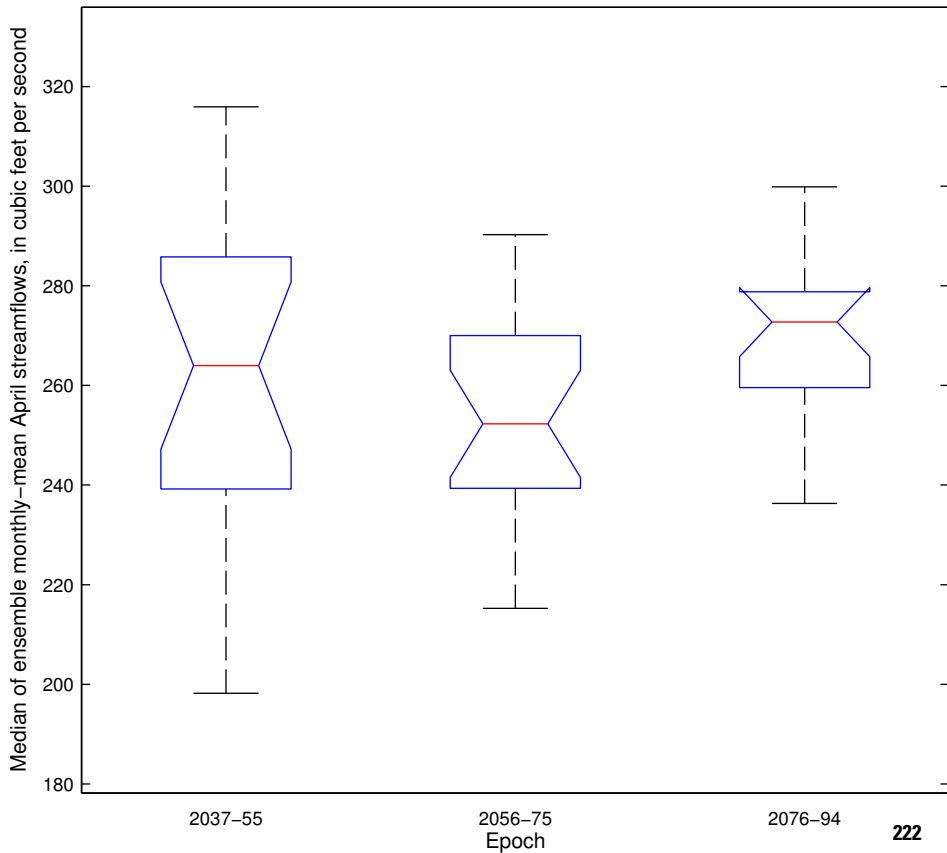
220



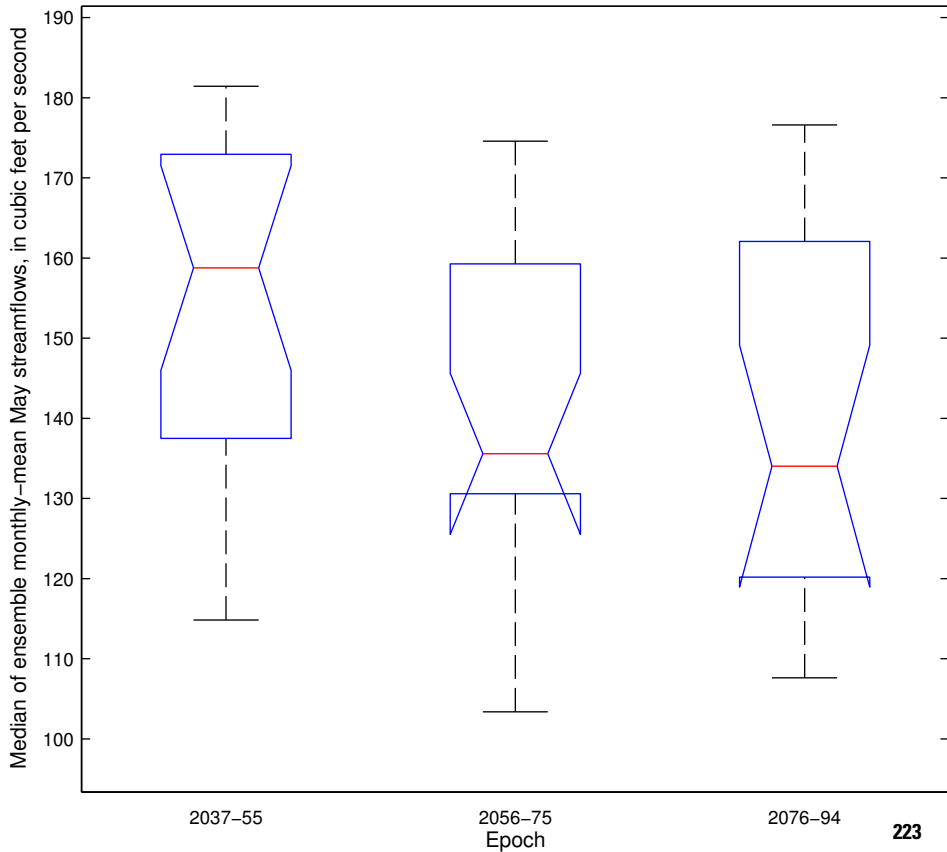
## CLAR – A2 Emission Simulation Results



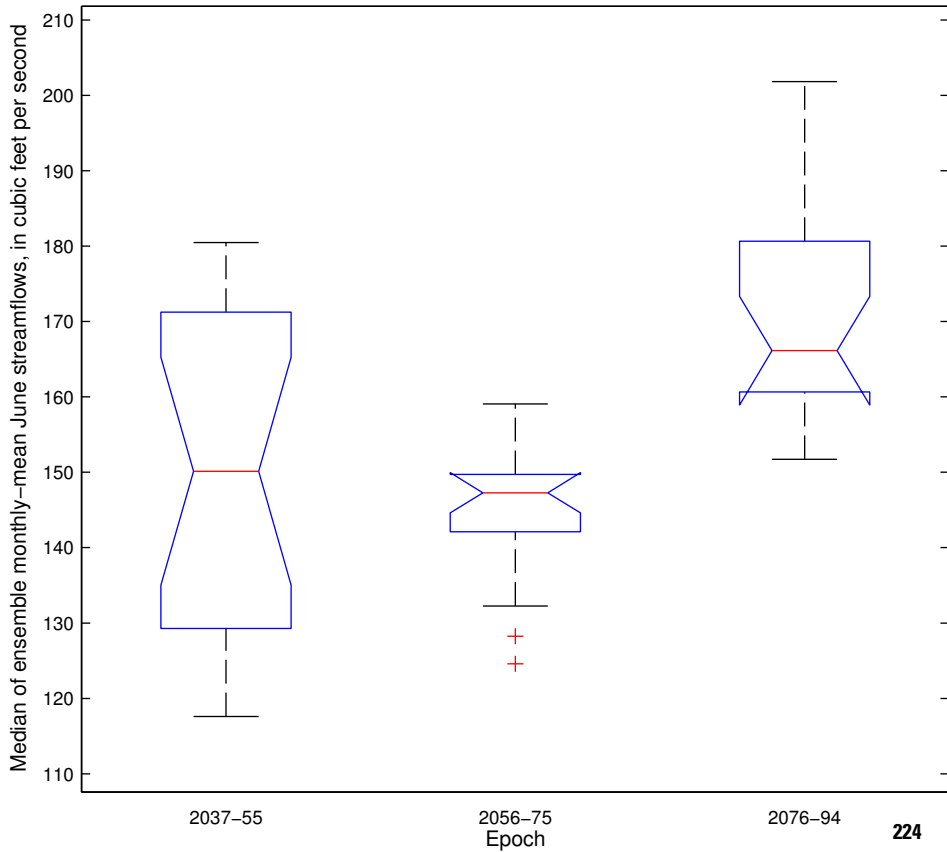
## CLAR – A2 Emission Simulation Results



# CLAR – A2 Emission Simulation Results

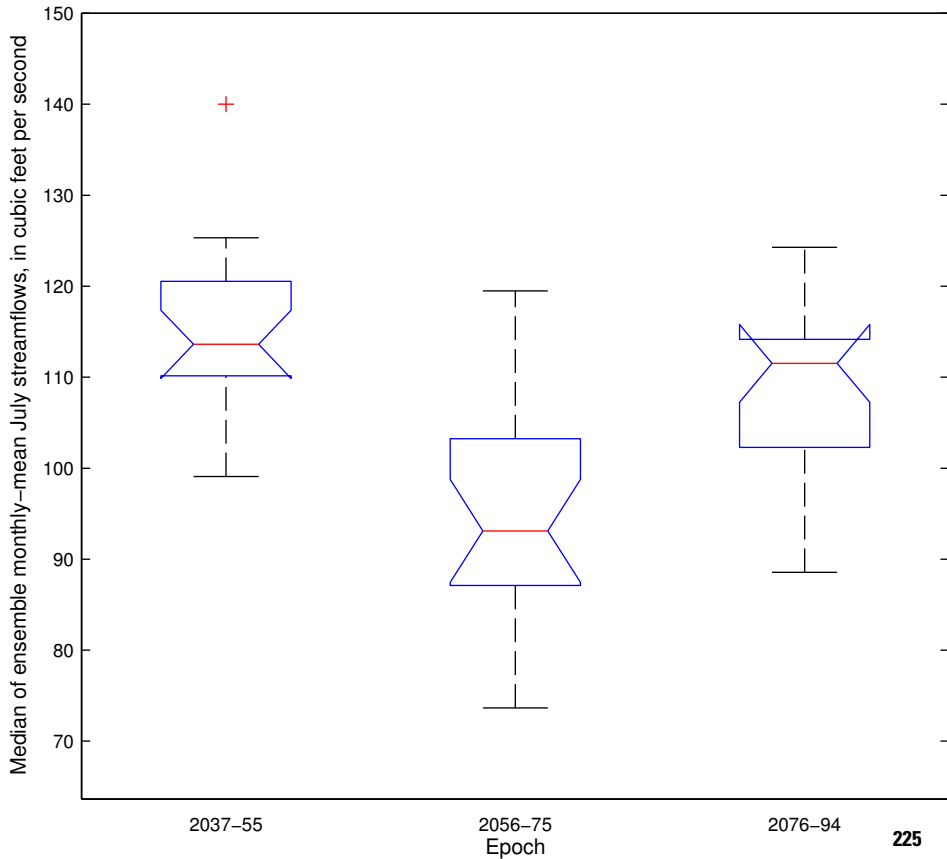


# CLAR – A2 Emission Simulation Results

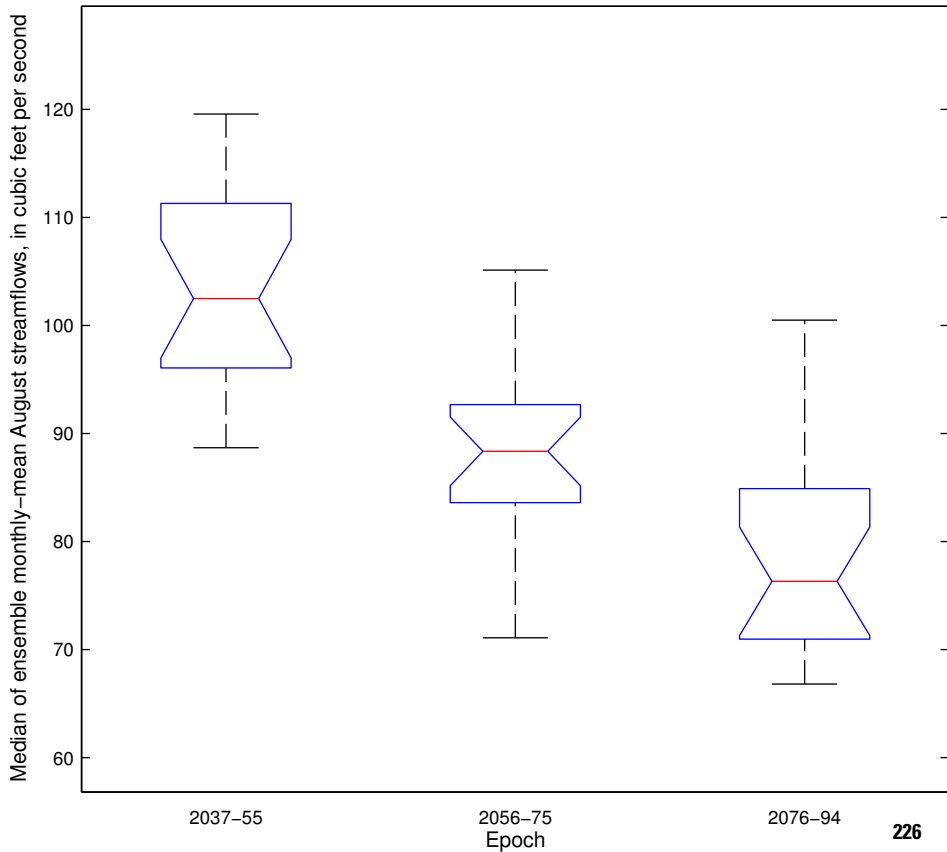




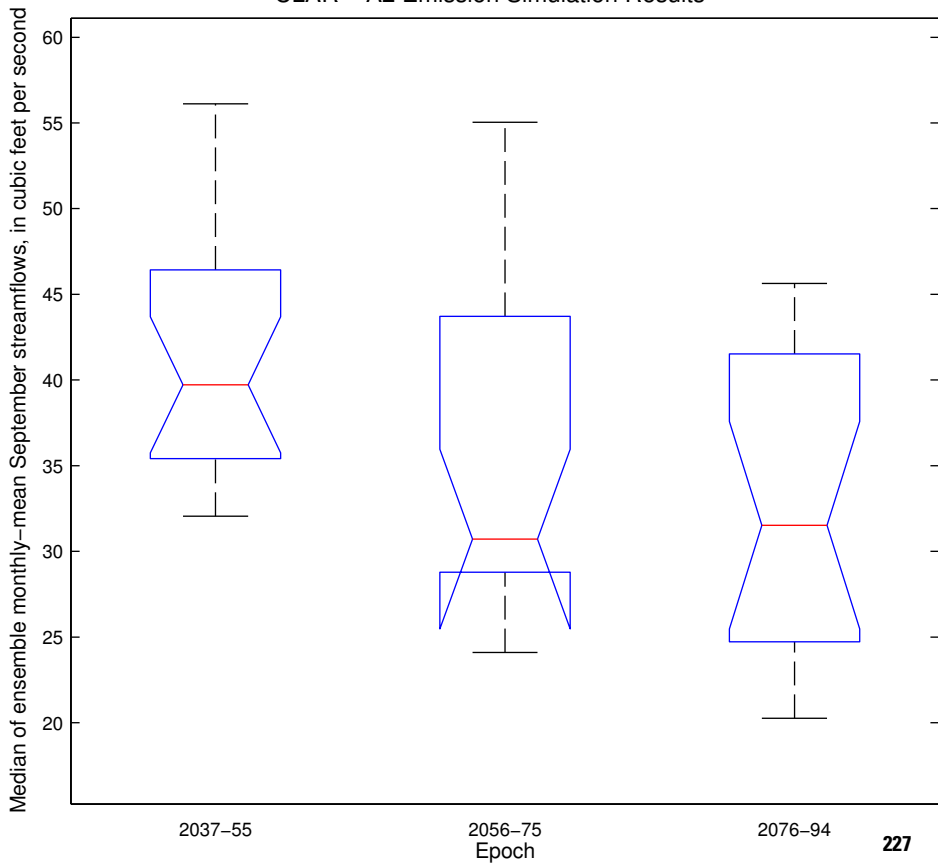
# CLAR – A2 Emission Simulation Results



## CLAR – A2 Emission Simulation Results

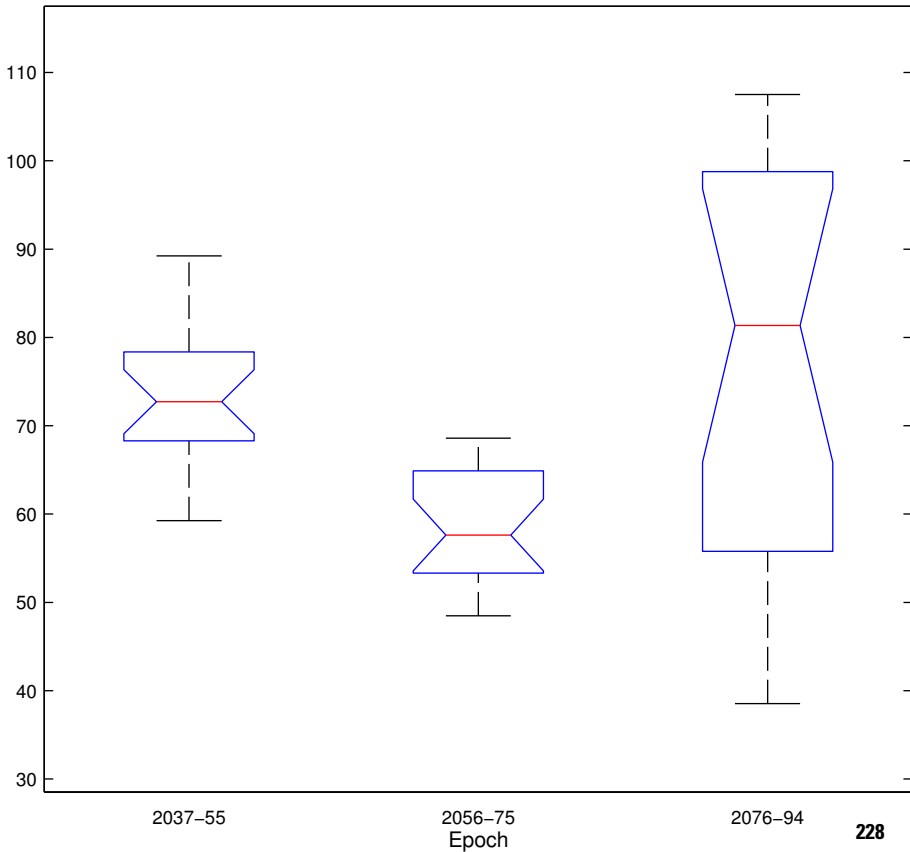


# CLAR – A2 Emission Simulation Results



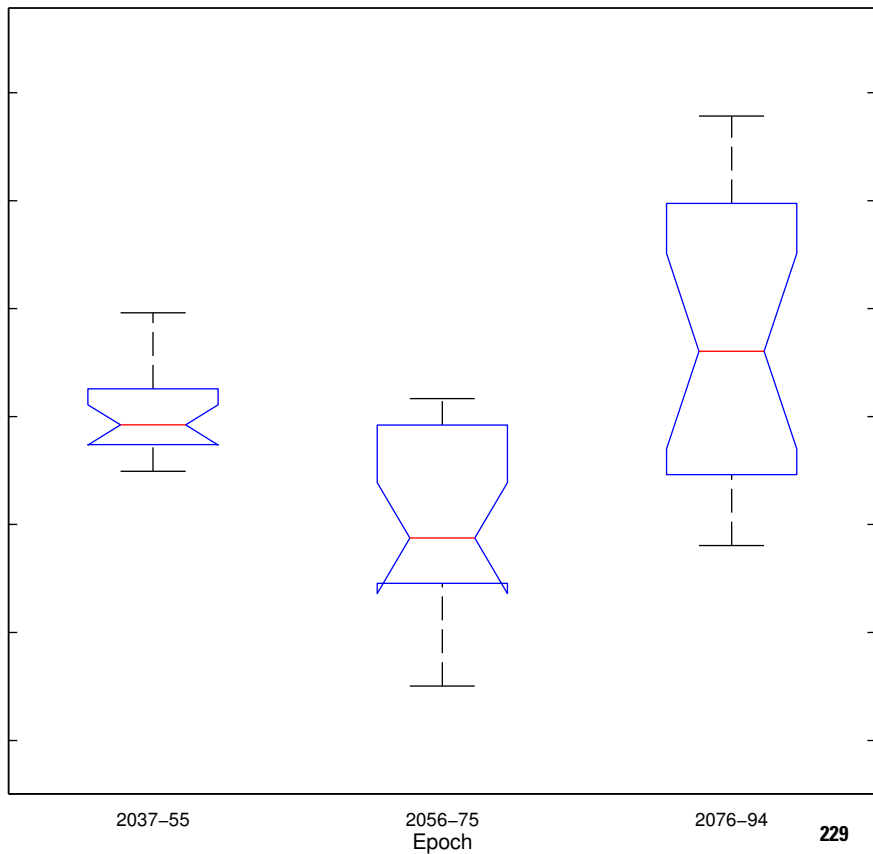
## CLAR – A2 Emission Simulation Results

Median of ensemble monthly–mean October streamflows, in cubic feet per second

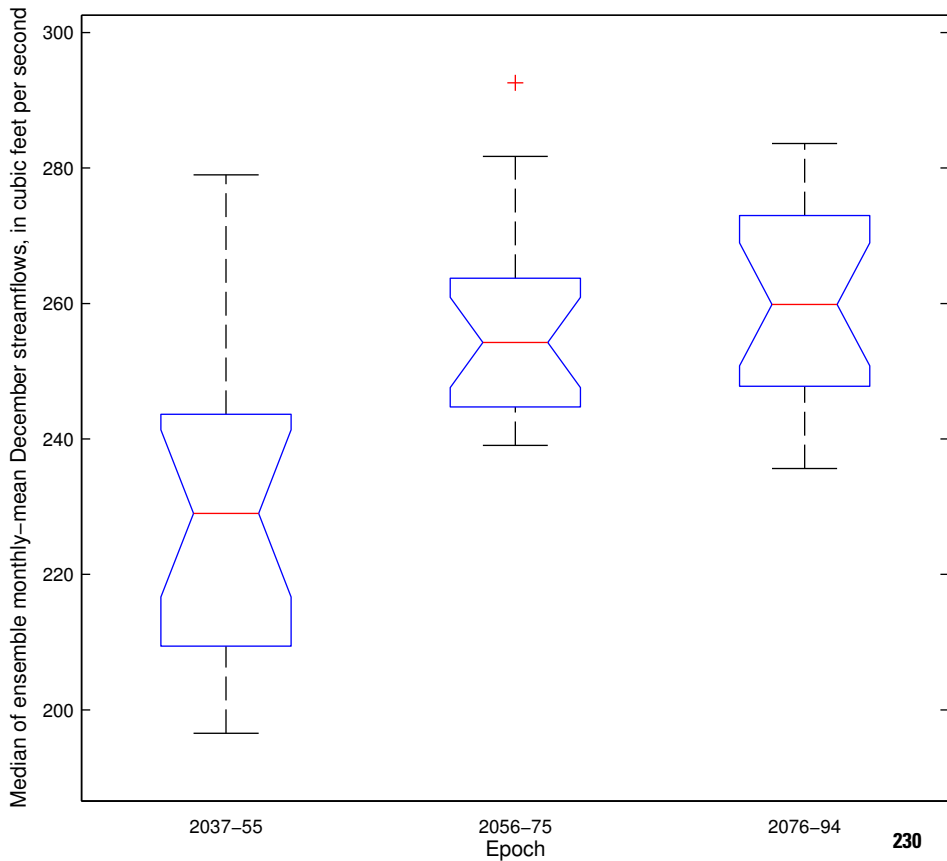


# CLAR – A2 Emission Simulation Results

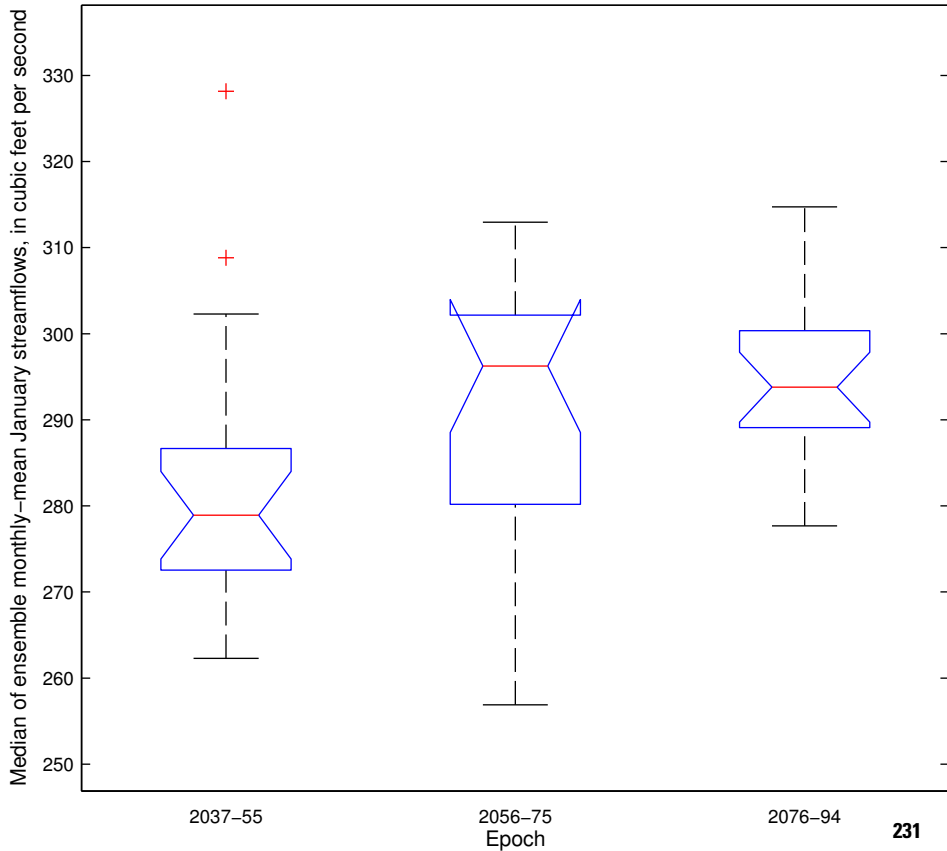
Median of ensemble monthly-mean November streamflows, in cubic feet per second



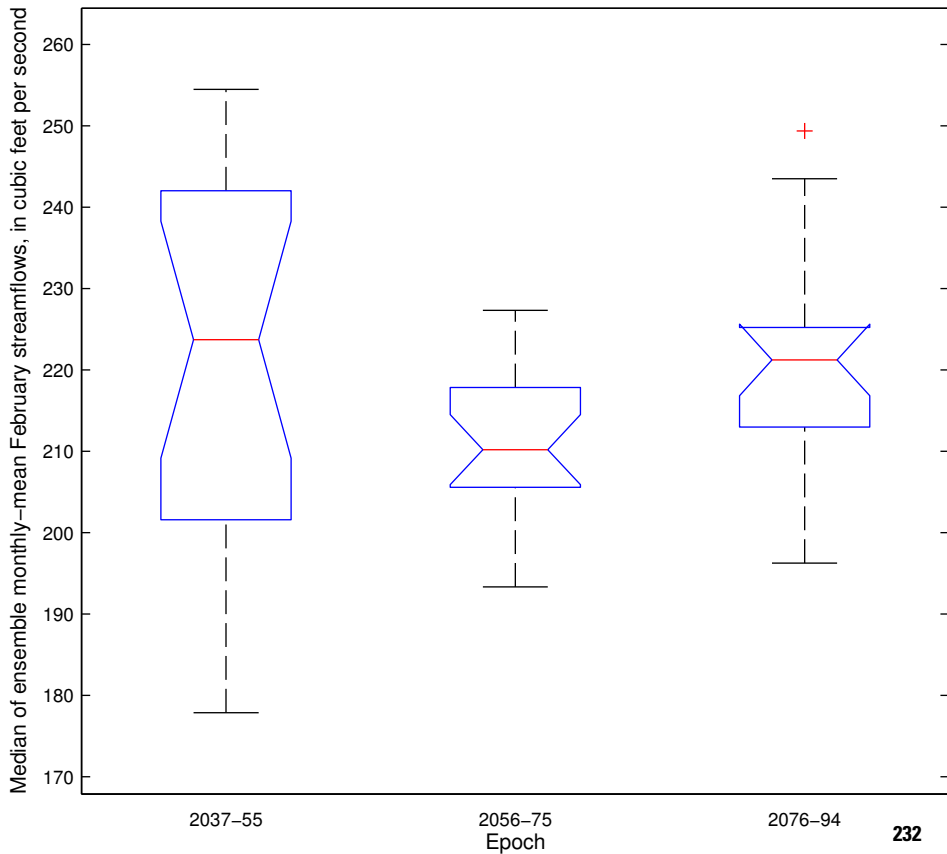
# CLAR – A2 Emission Simulation Results



## CLAR – A1b Emission Simulation Results



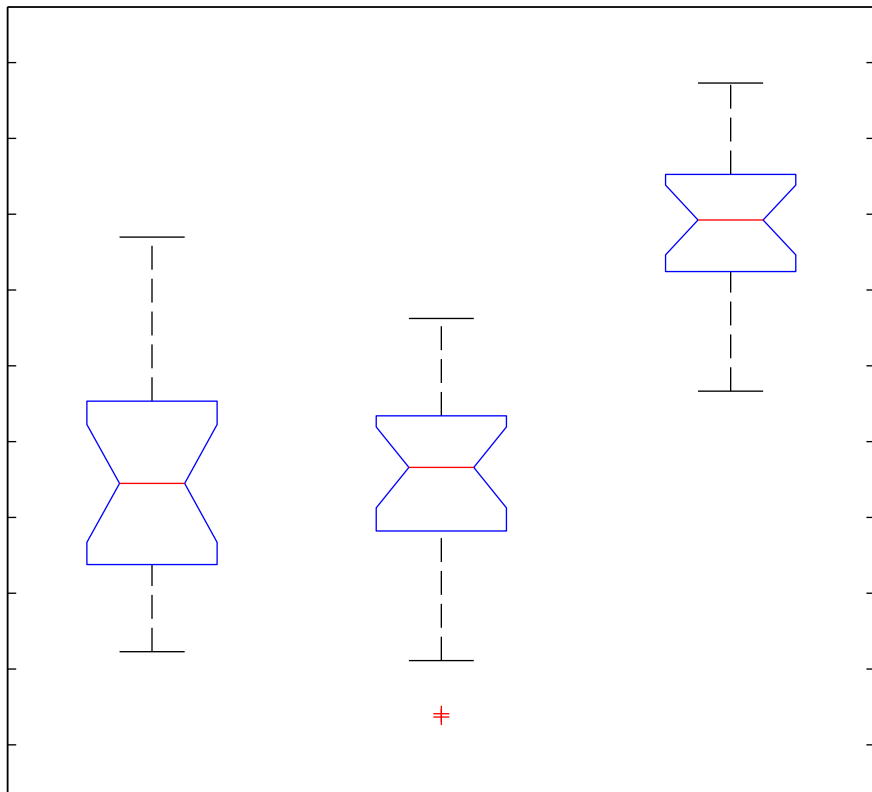
## CLAR – A1b Emission Simulation Results





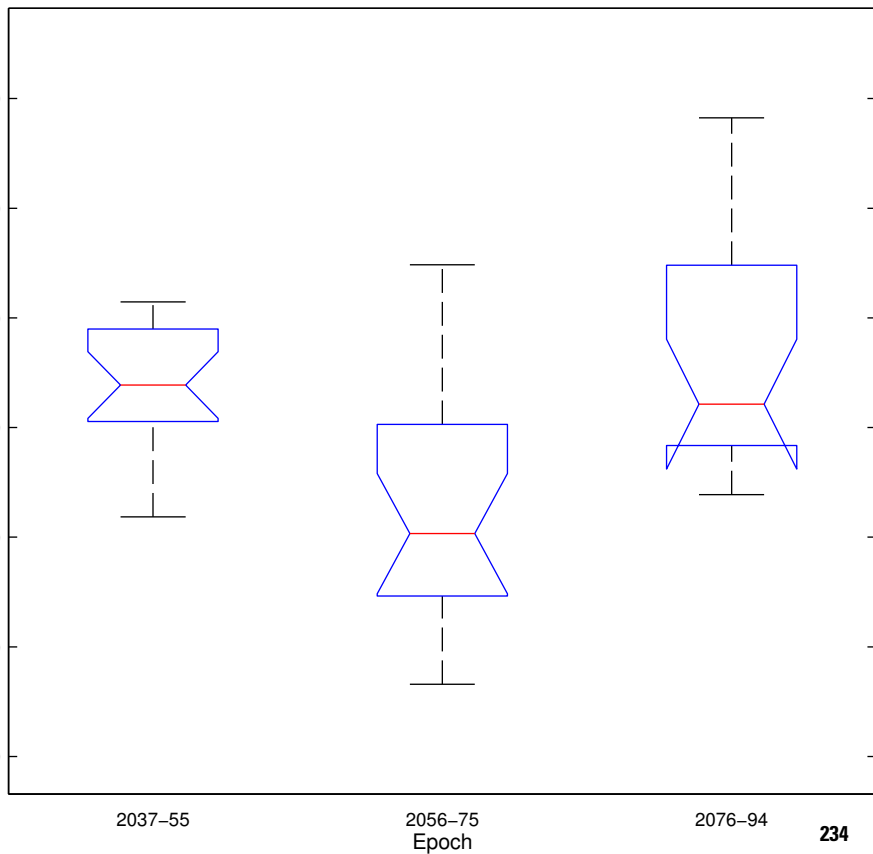
# CLAR – A1b Emission Simulation Results

Median of ensemble monthly–mean March streamflows, in cubic feet per second

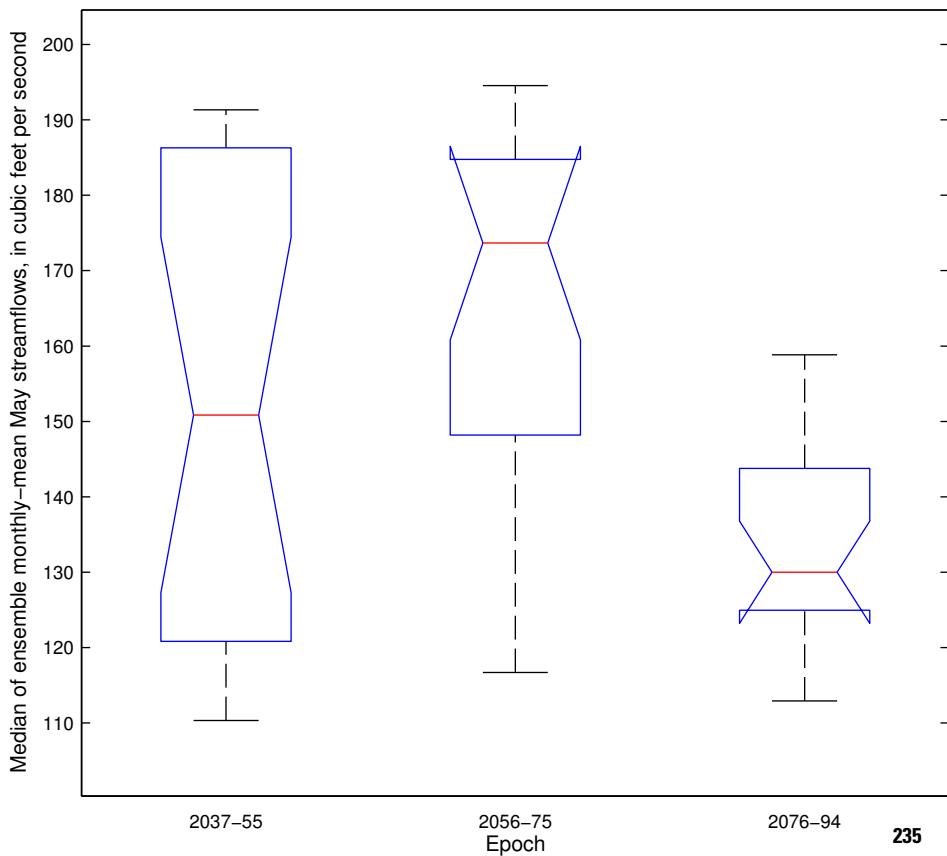


# CLAR – A1b Emission Simulation Results

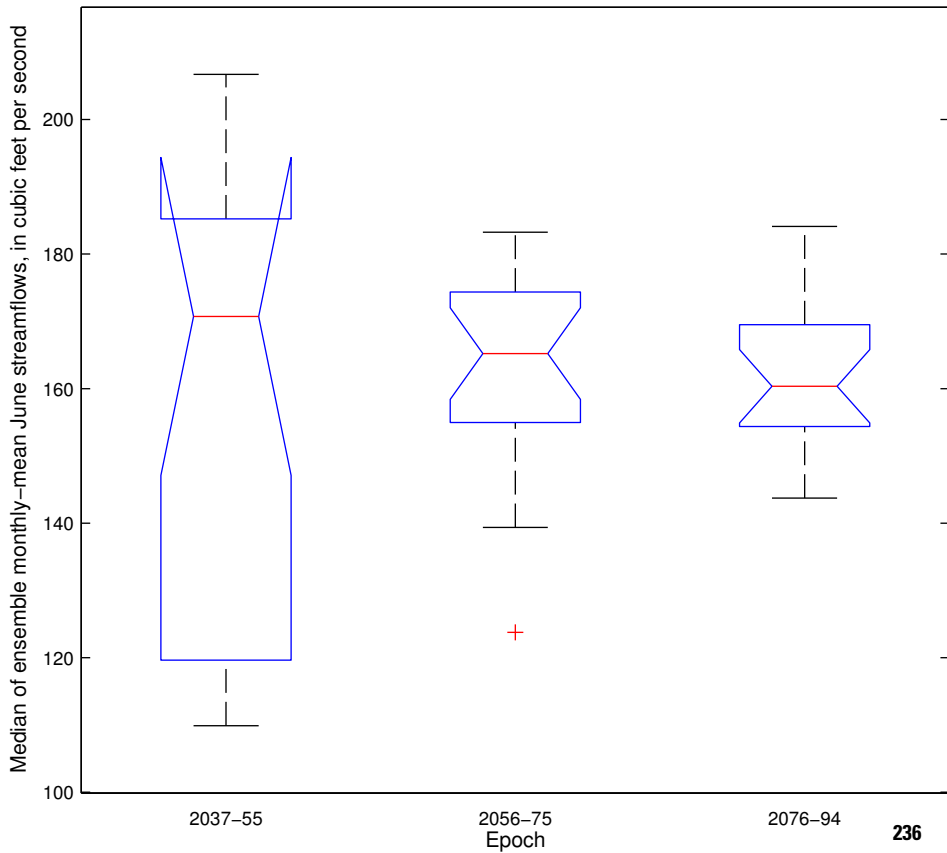
Median of ensemble monthly–mean April streamflows, in cubic feet per second



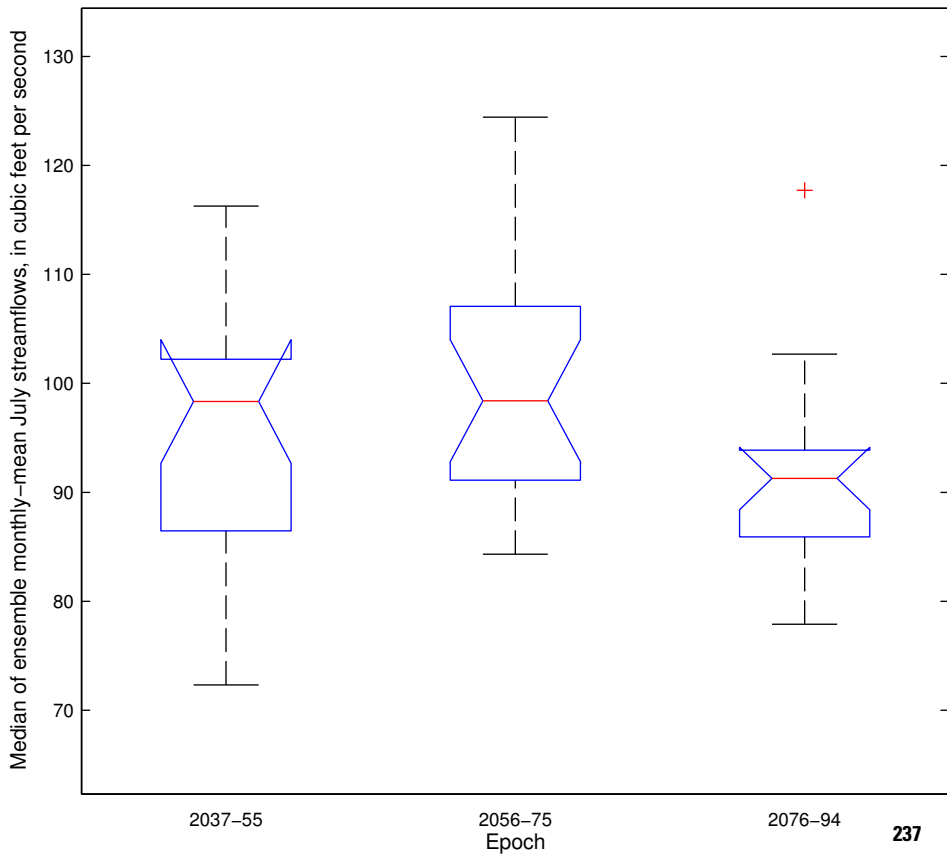
# CLAR – A1b Emission Simulation Results



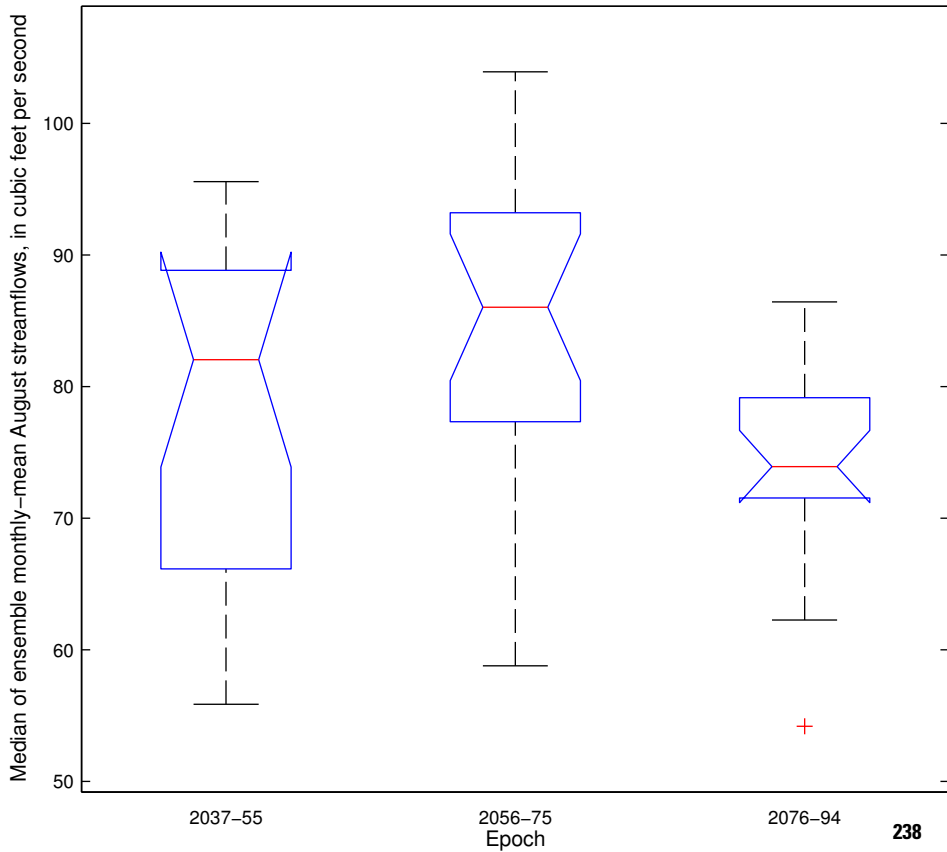
## CLAR – A1b Emission Simulation Results



## CLAR – A1b Emission Simulation Results



## CLAR – A1b Emission Simulation Results



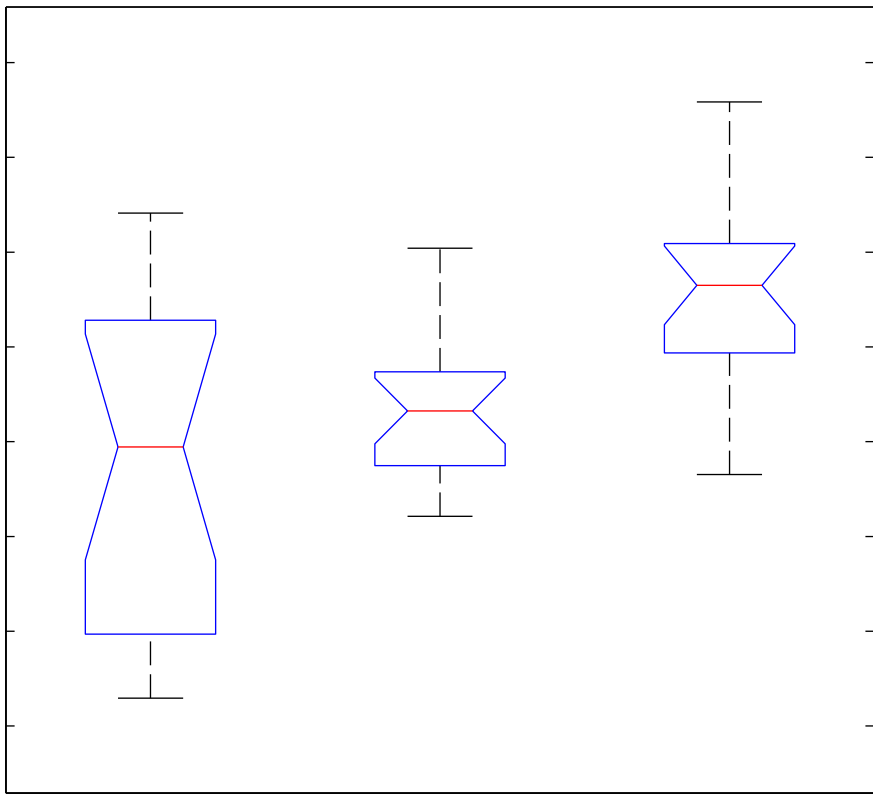
# CLAR – A1b Emission Simulation Results

Median of ensemble monthly–mean September streamflows, in cubic feet per second

2037–55

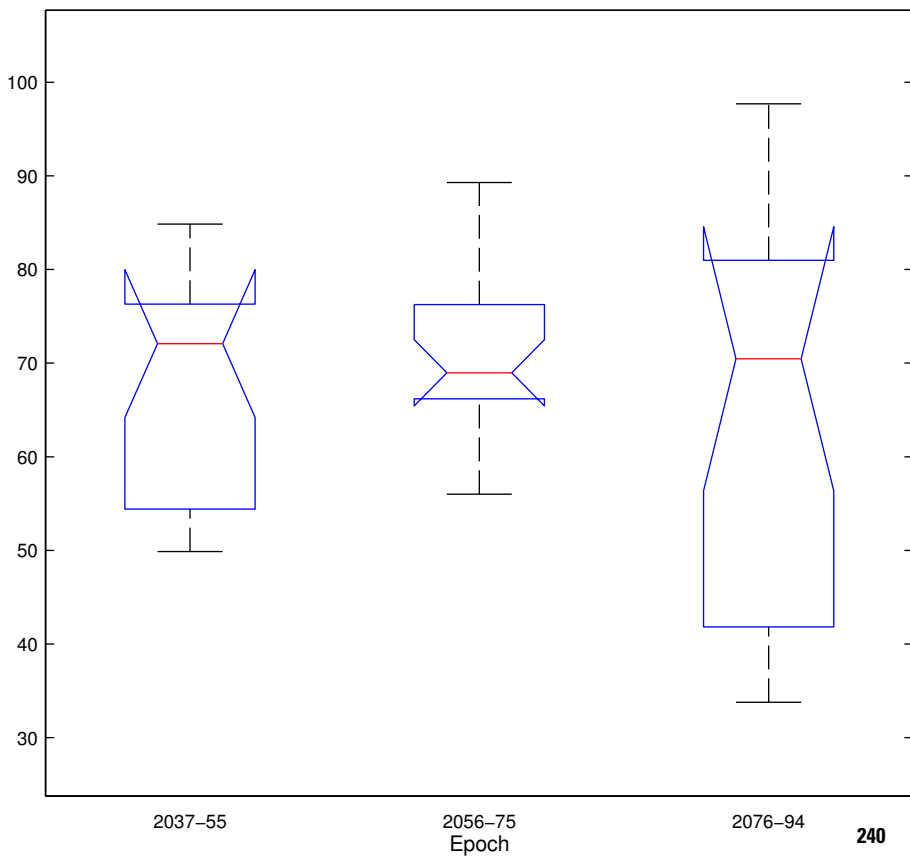
2056–75  
Epoch

2076–94



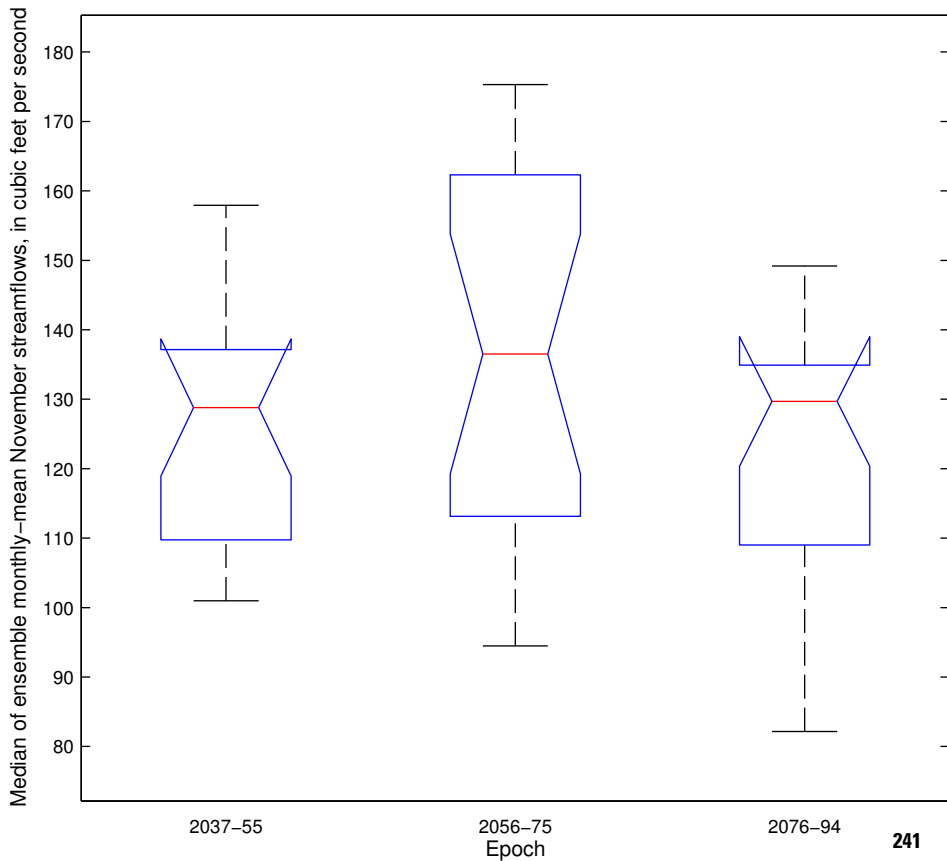
# CLAR – A1b Emission Simulation Results

Median of ensemble monthly-mean October streamflows, in cubic feet per second

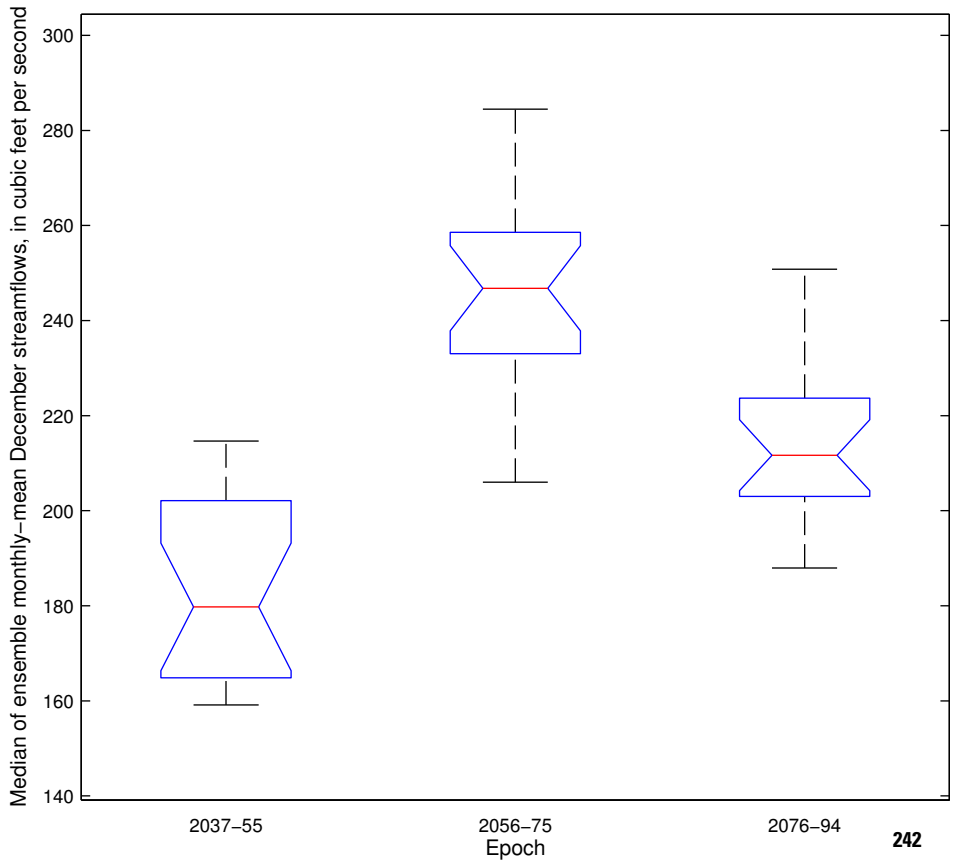




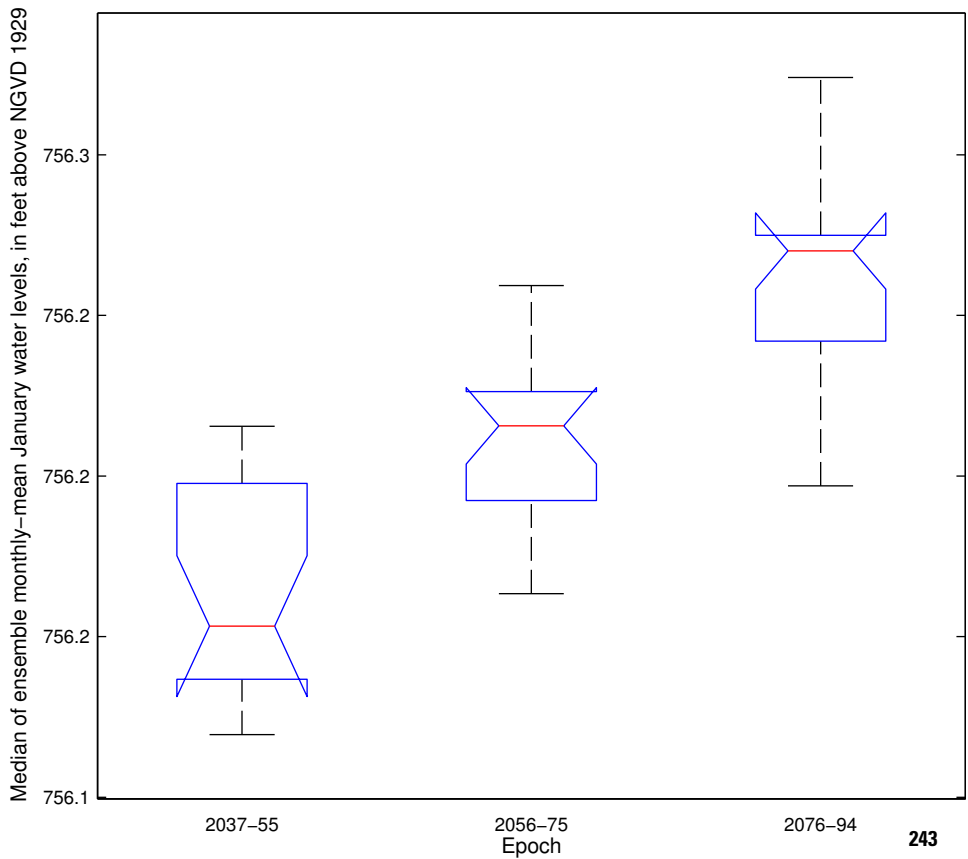
## CLAR – A1b Emission Simulation Results



# CLAR – A1b Emission Simulation Results

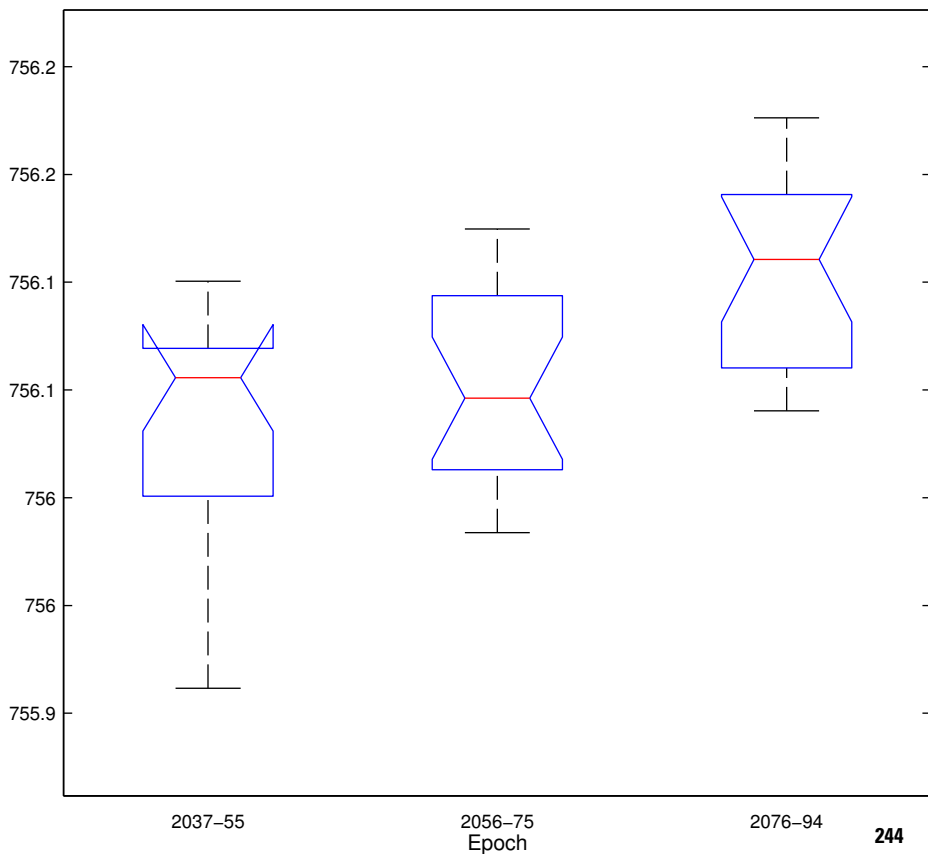


# GRIG – A2 Emission Simulation Results



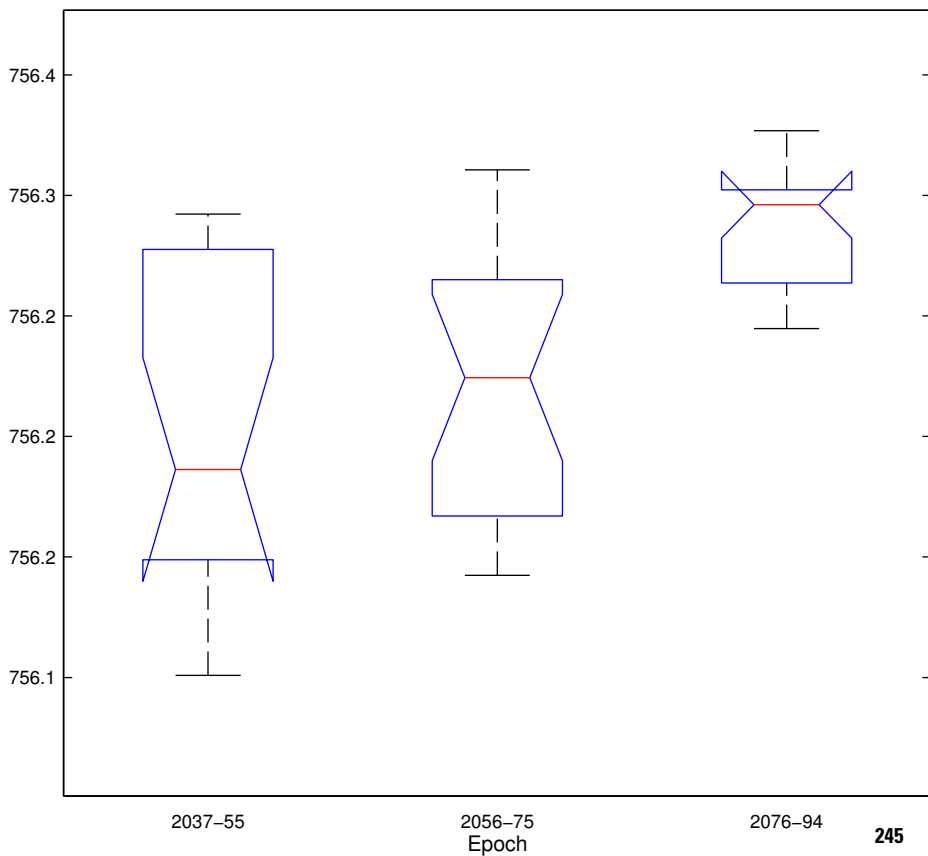
# GRIG – A2 Emission Simulation Results

Median of ensemble monthly—mean February water levels, in feet above NGVD 1929



# GRIG – A2 Emission Simulation Results

Median of ensemble monthly–mean March water levels, in feet above NGVD 1929



# GRIG – A2 Emission Simulation Results

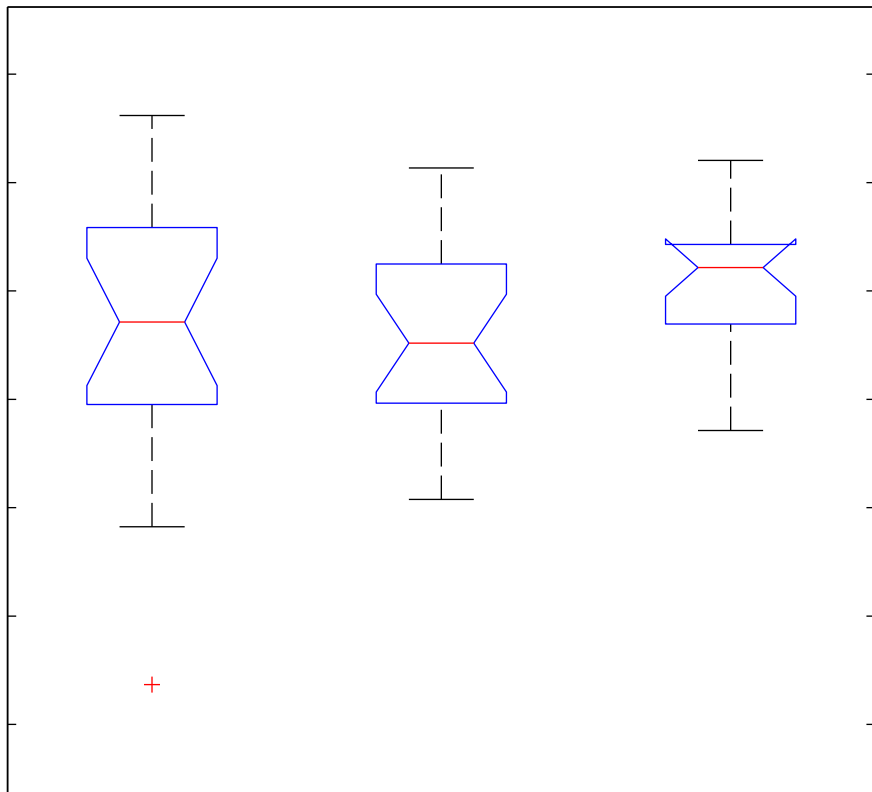
Median of ensemble monthly-mean April water levels, in feet above NGVD 1929

756.2  
756.2  
756.2  
756.1  
756.1  
756  
756

2037–55

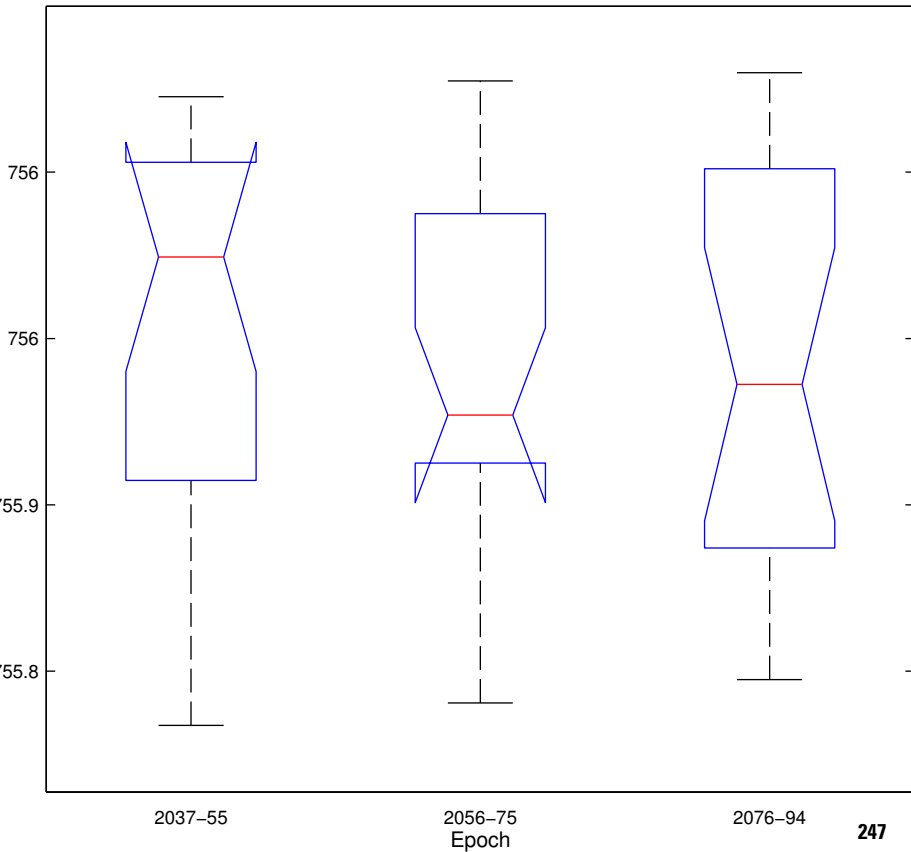
2056–75  
Epoch

2076–94



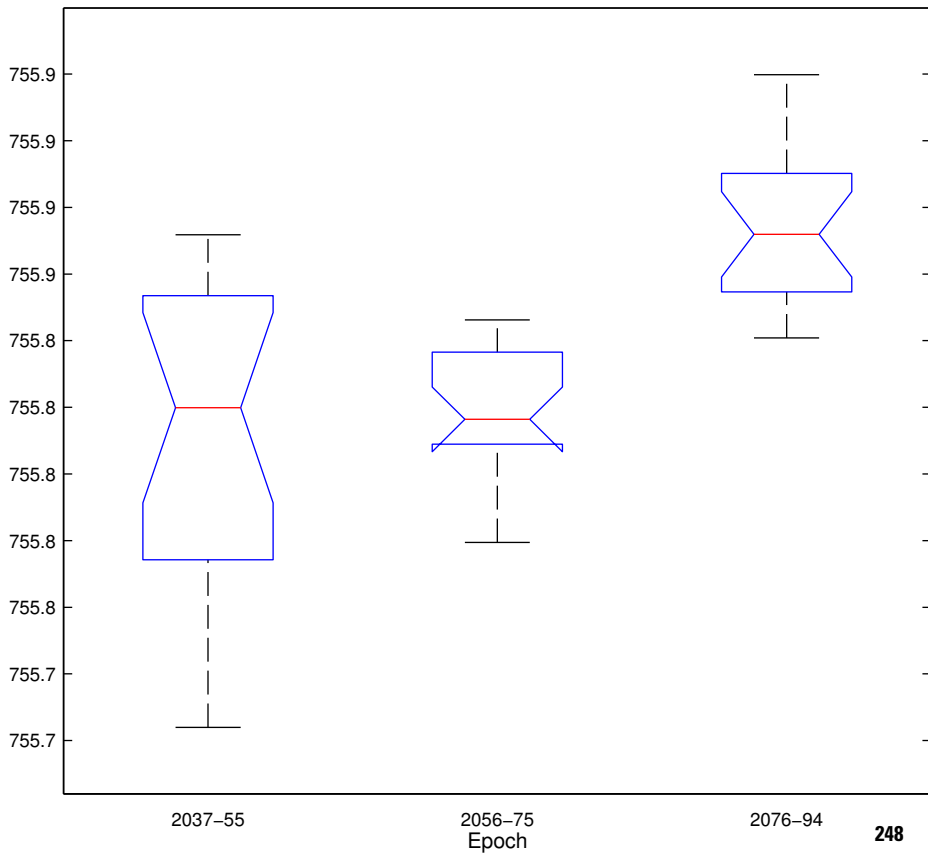
# GRIG – A2 Emission Simulation Results

Median of ensemble monthly-mean May water levels, in feet above NGVD 1929



# GRIG – A2 Emission Simulation Results

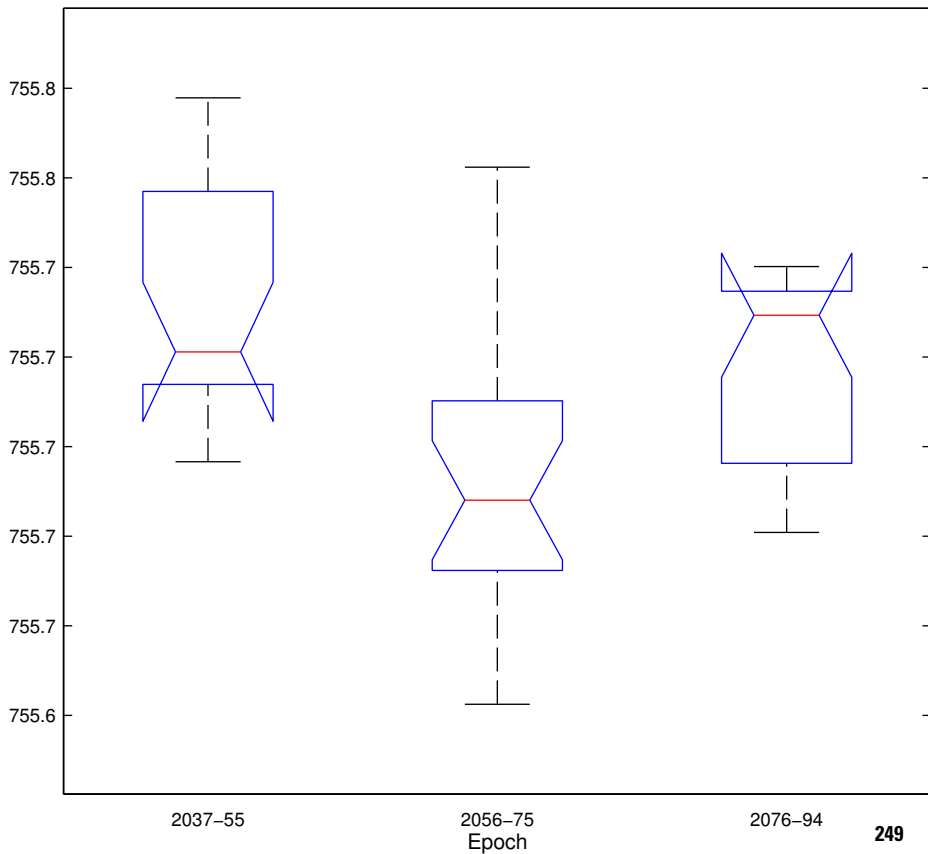
Median of ensemble monthly-mean June water levels, in feet above NGVD 1929





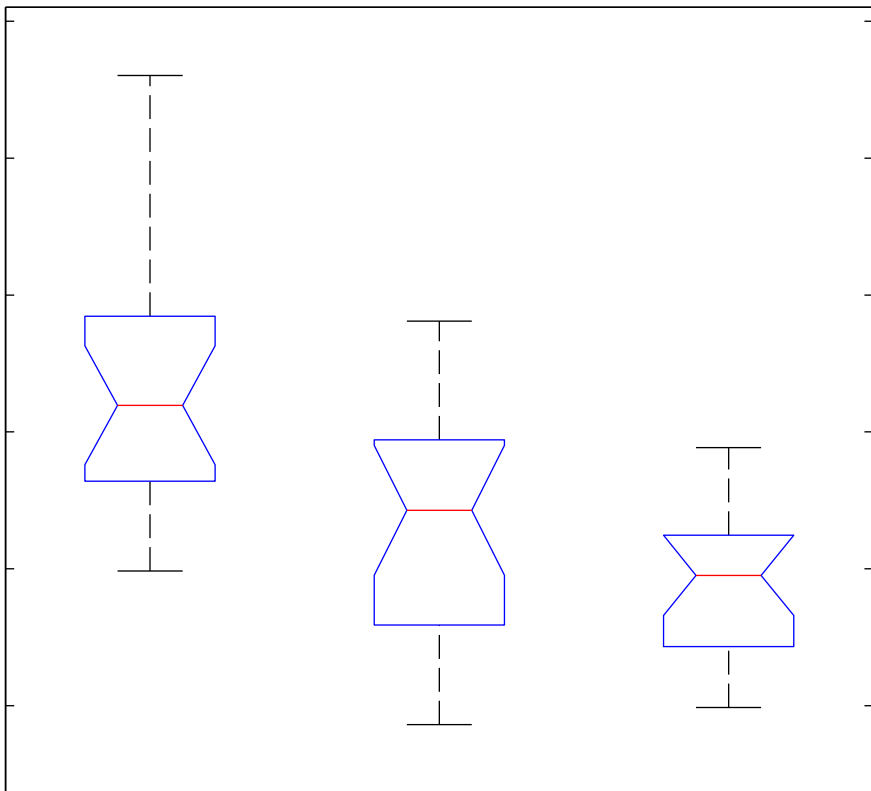
# GRIG – A2 Emission Simulation Results

Median of ensemble monthly-mean July water levels, in feet above NGVD 1929



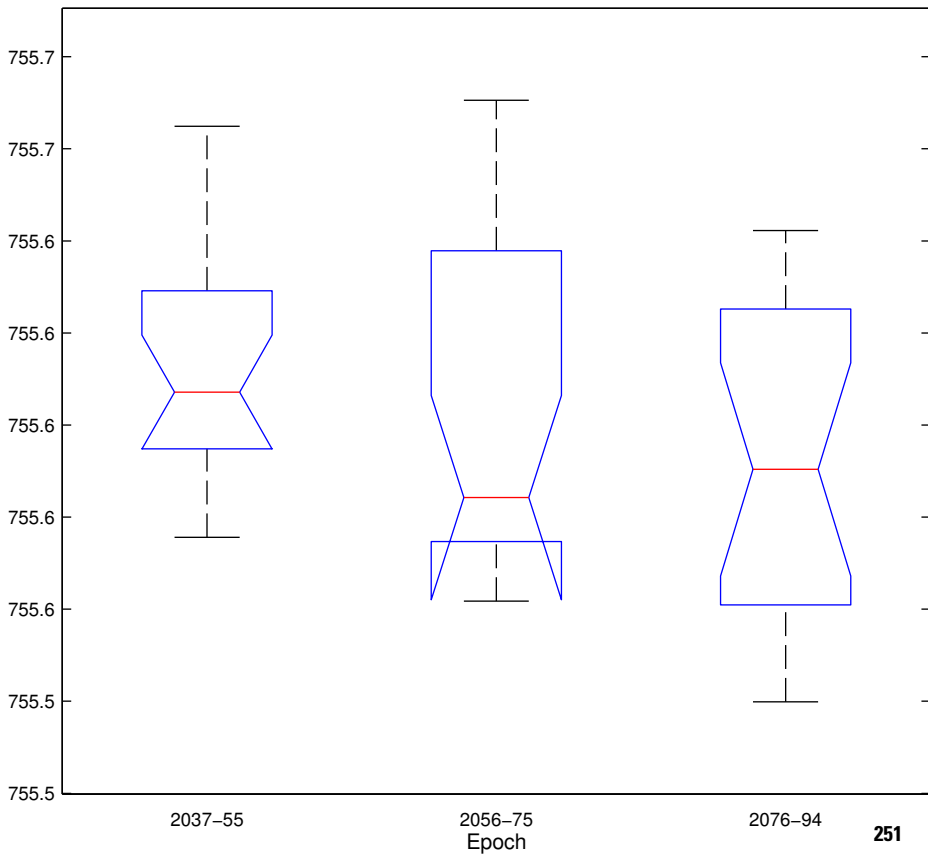
# GRIG – A2 Emission Simulation Results

Median of ensemble monthly-mean August water levels, in feet above NGVD 1929



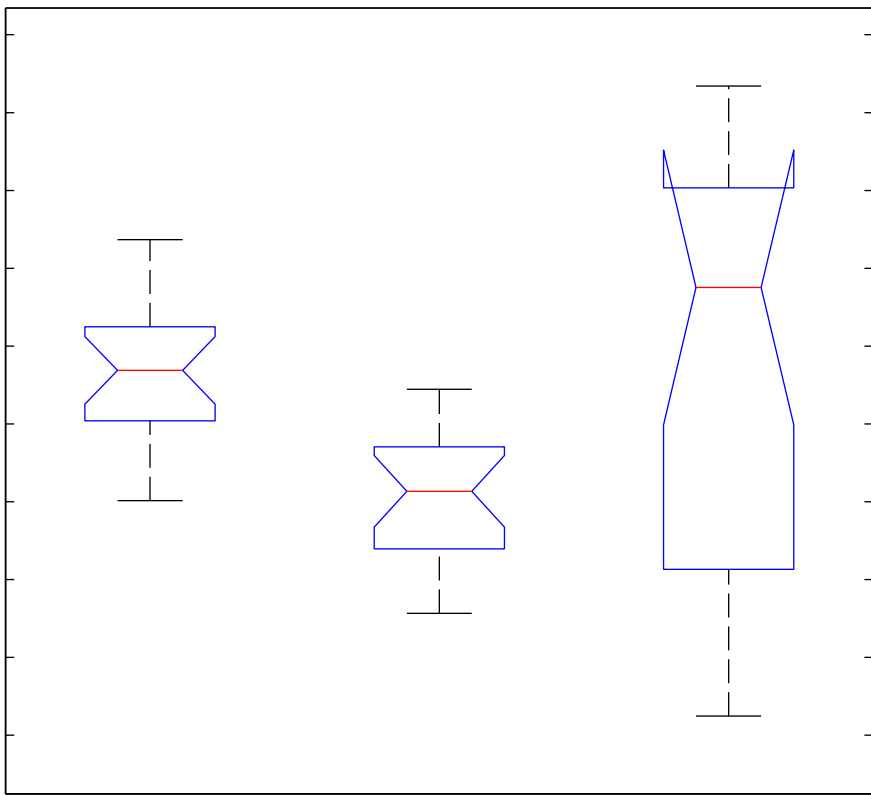
# GRIG – A2 Emission Simulation Results

Median of ensemble monthly–mean September water levels, in feet above NGVD 1929



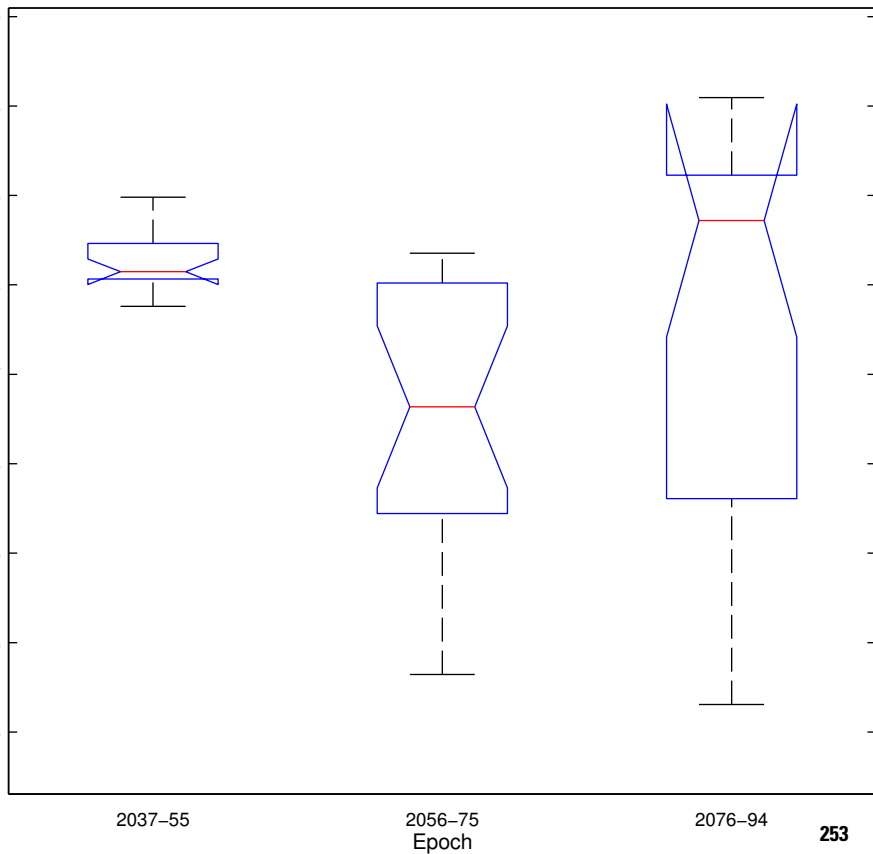
# GRIG – A2 Emission Simulation Results

Median of ensemble monthly-mean October water levels, in feet above NGVD 1929



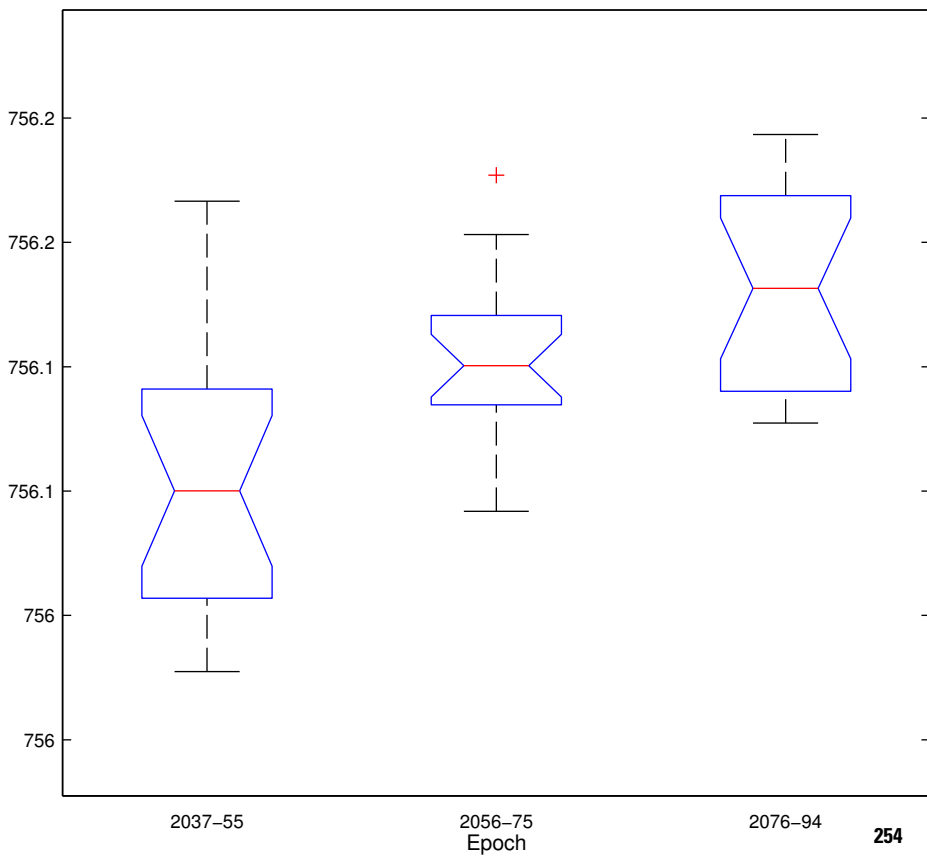
# GRIG – A2 Emission Simulation Results

Median of ensemble monthly-mean November water levels, in feet above NGVD 1929

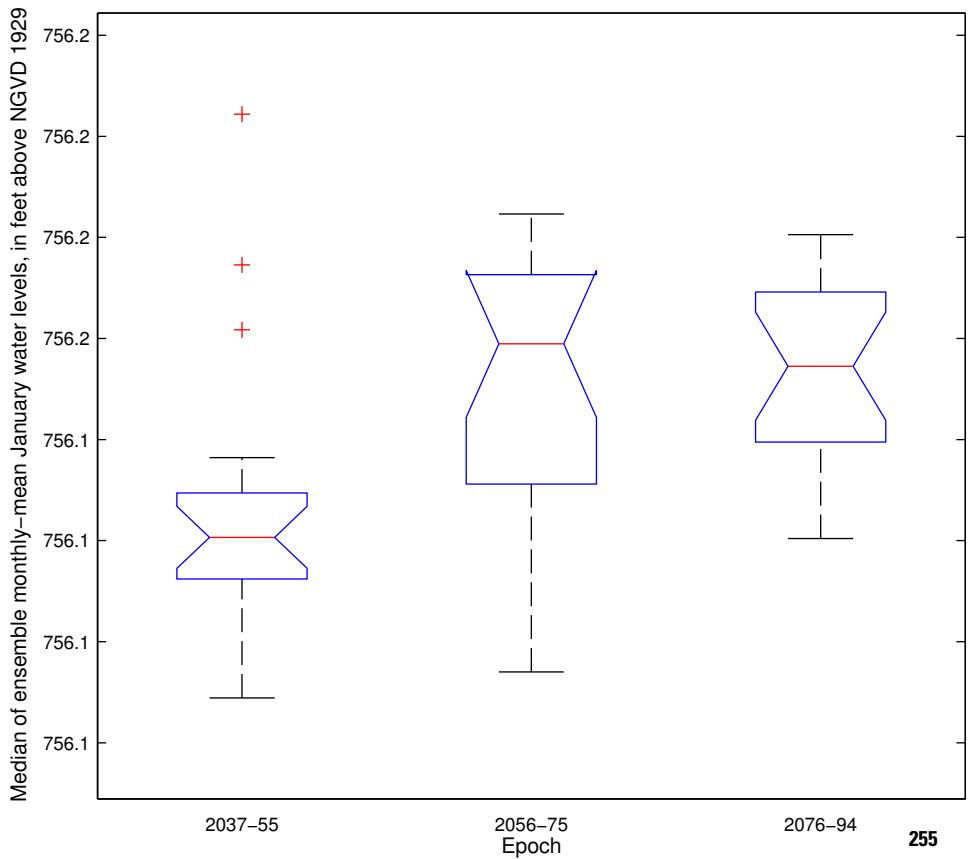


# GRIG – A2 Emission Simulation Results

Median of ensemble monthly-mean December water levels, in feet above NGVD 1929

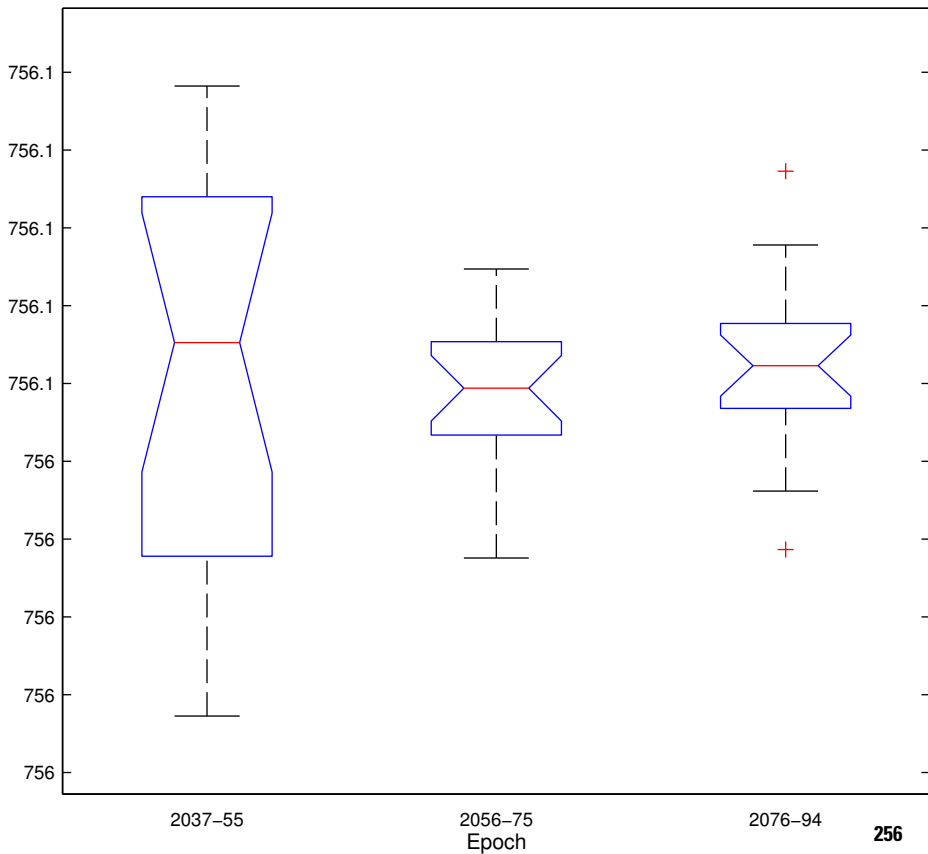


# GRIG – A1b Emission Simulation Results



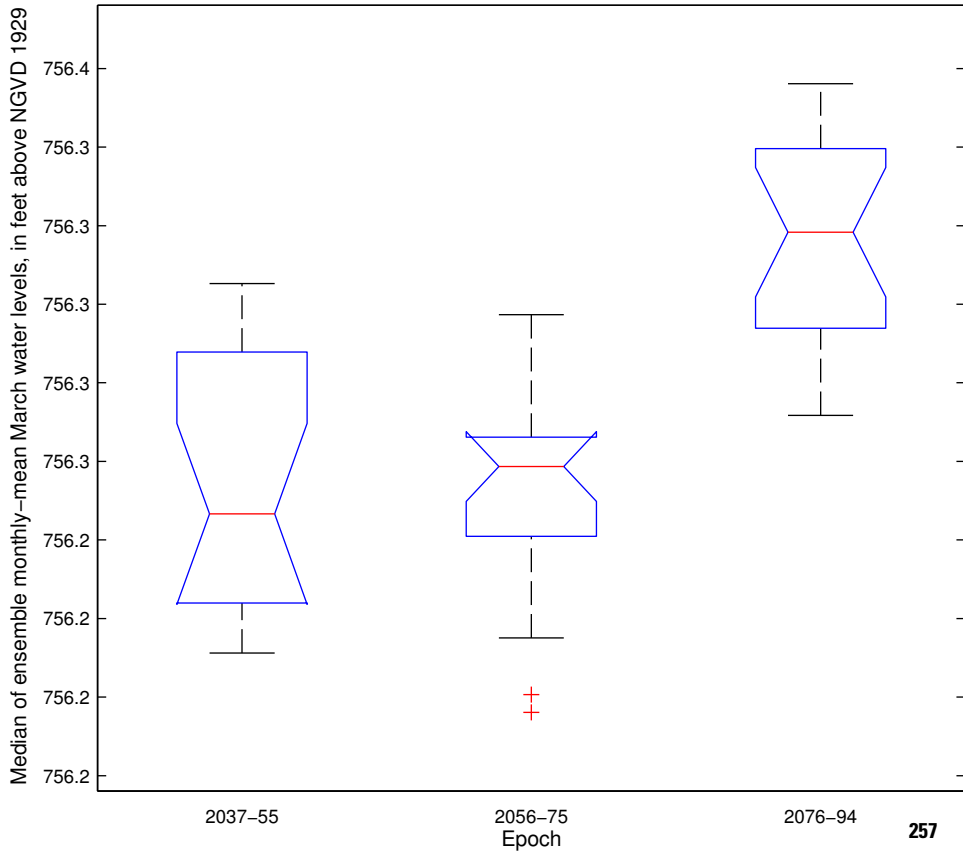
# GRIG – A1b Emission Simulation Results

Median of ensemble monthly-mean February water levels, in feet above NGVD 1929



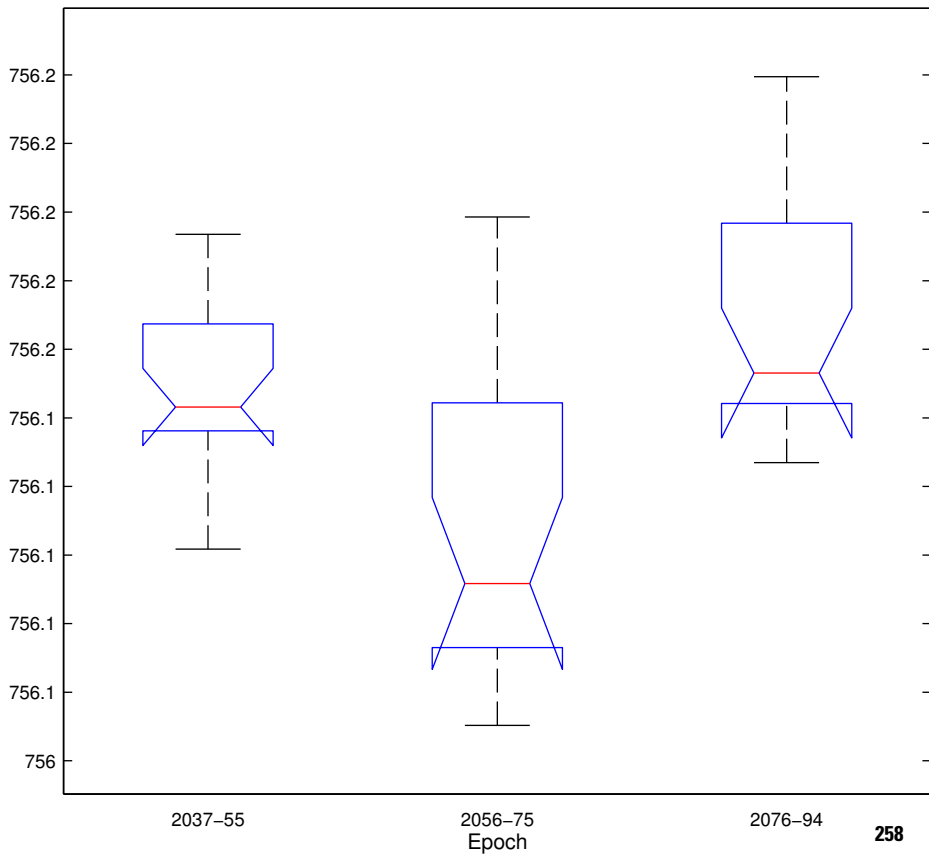


# GRIG – A1b Emission Simulation Results



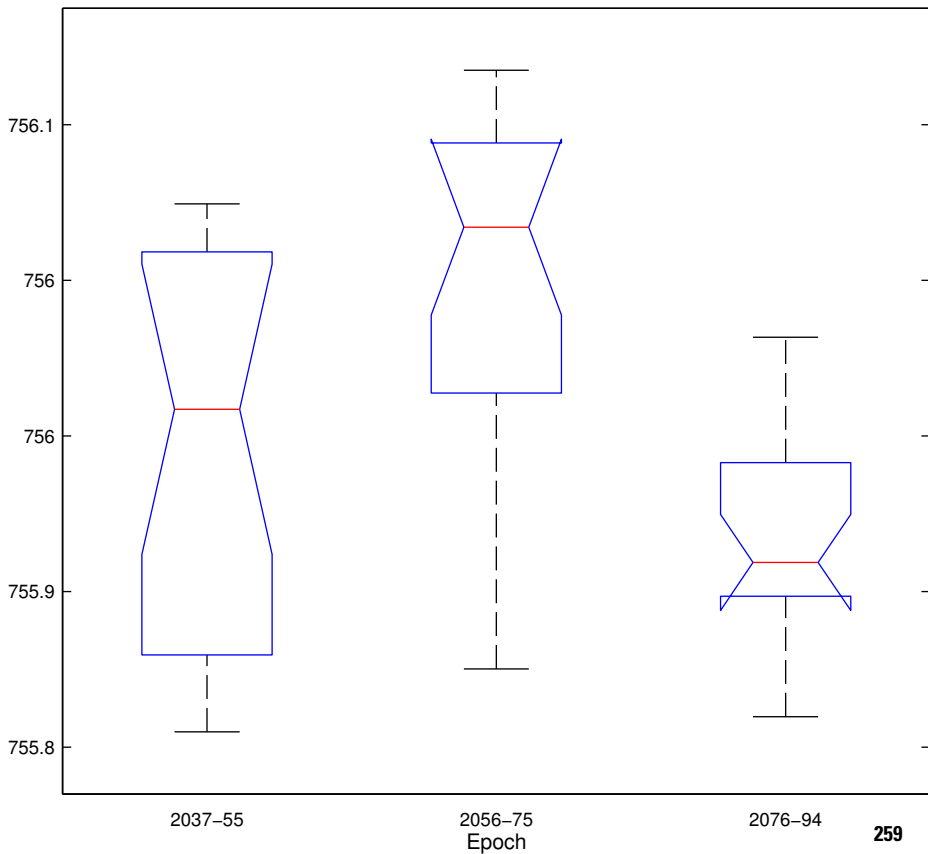
# GRIG – A1b Emission Simulation Results

Median of ensemble monthly-mean April water levels, in feet above NGVD 1929



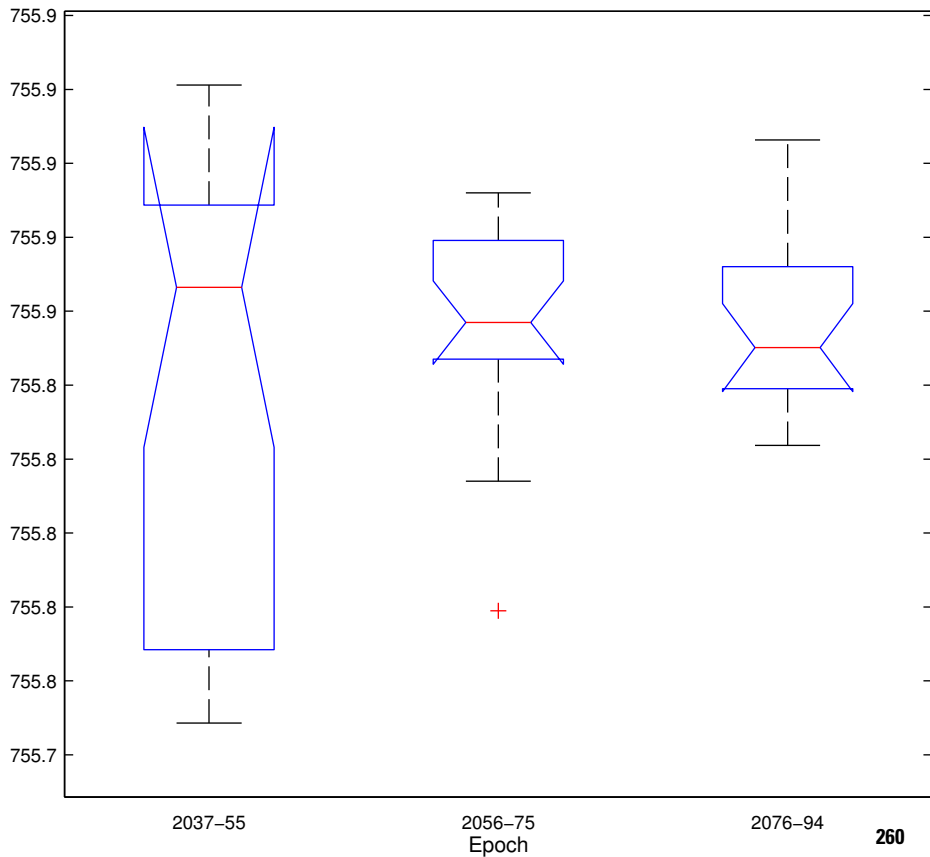
# GRIG – A1b Emission Simulation Results

Median of ensemble monthly-mean May water levels, in feet above NGVD 1929



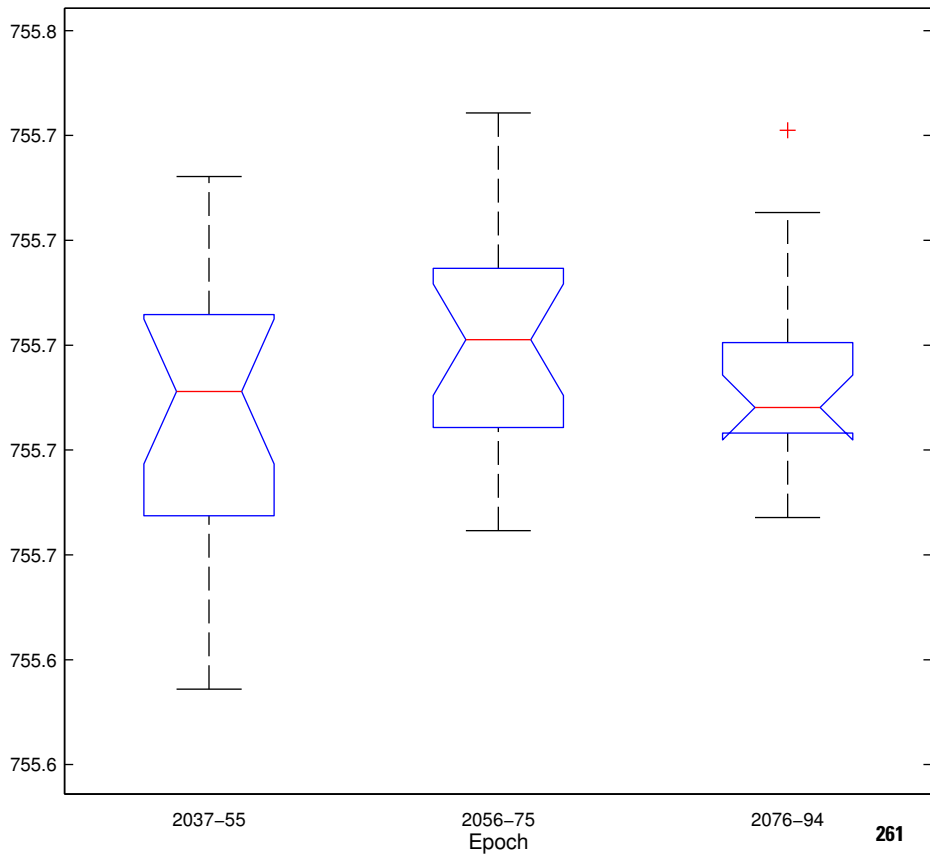
# GRIG – A1b Emission Simulation Results

Median of ensemble monthly-mean June water levels, in feet above NGVD 1929



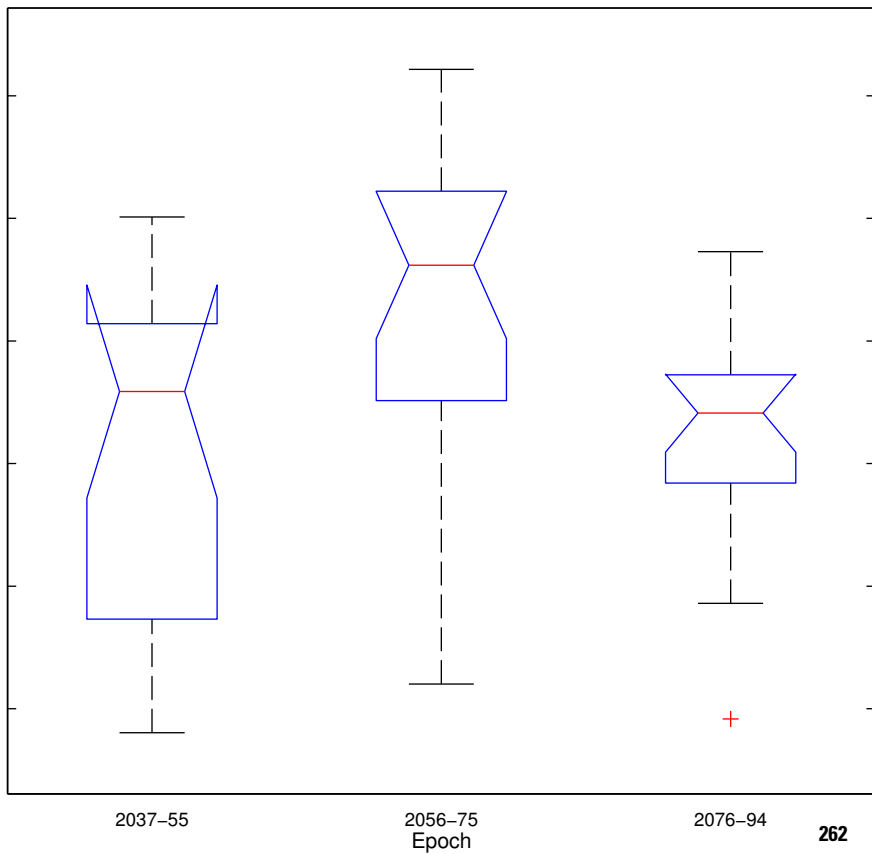
# GRIG – A1b Emission Simulation Results

Median of ensemble monthly-mean July water levels, in feet above NGVD 1929



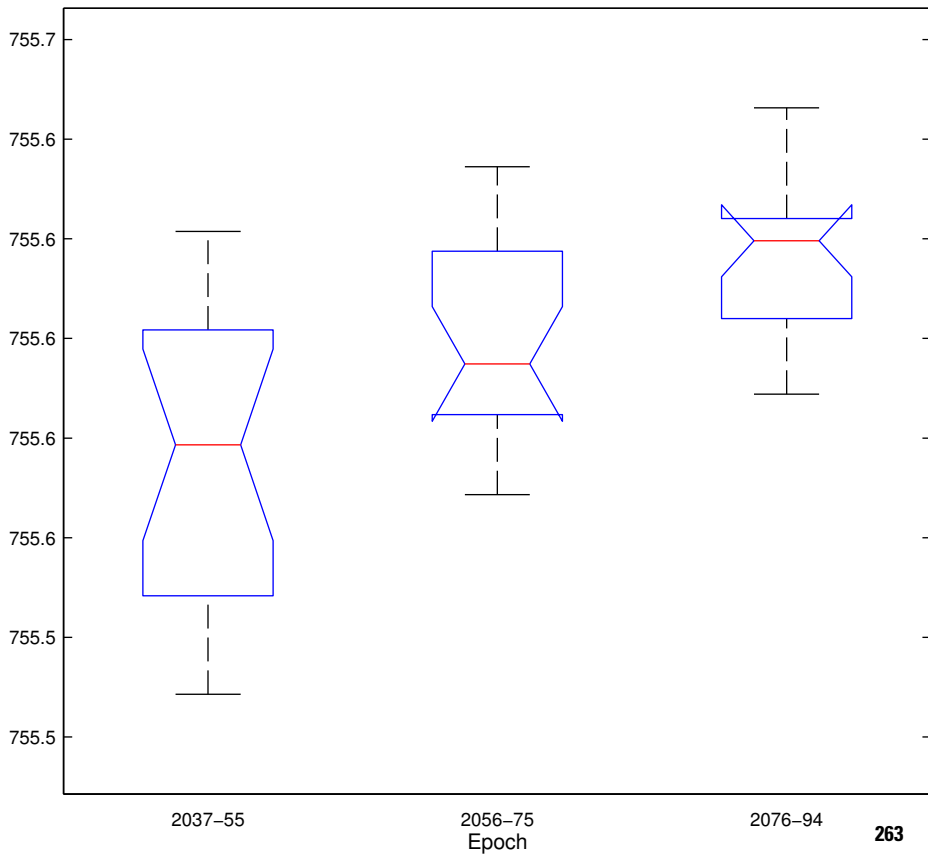
# GRIG – A1b Emission Simulation Results

Median of ensemble monthly–mean August water levels, in feet above NGVD 1929

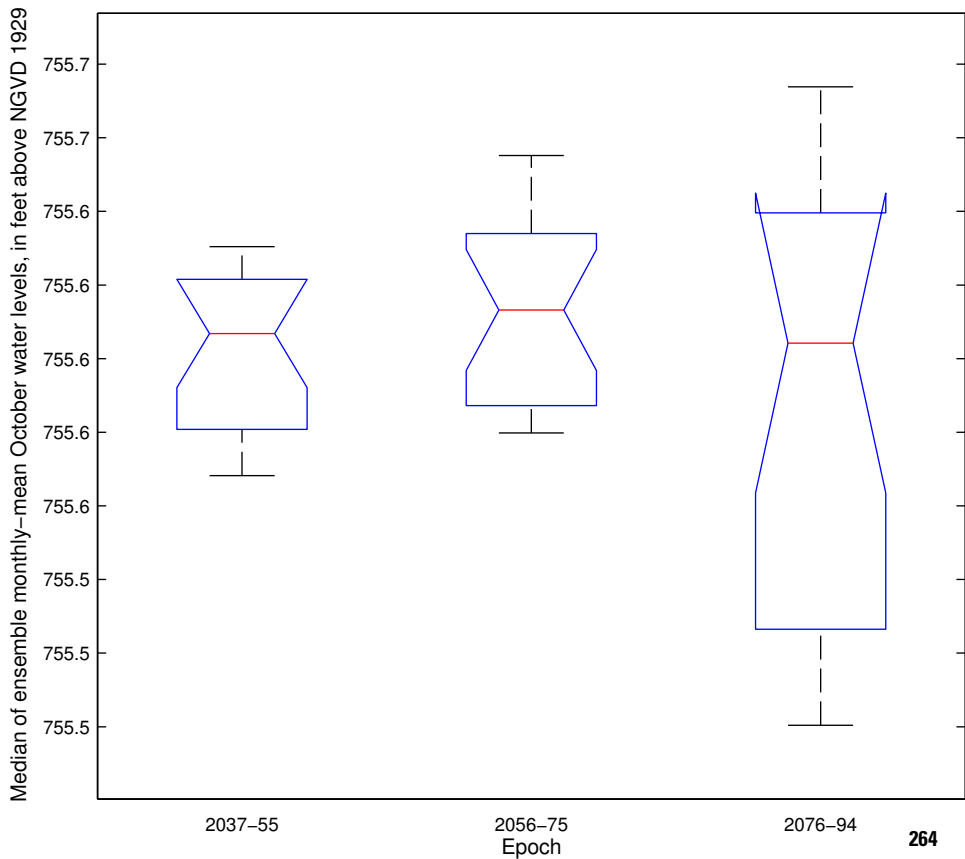


# GRIG – A1b Emission Simulation Results

Median of ensemble monthly-mean September water levels, in feet above NGVD 1929



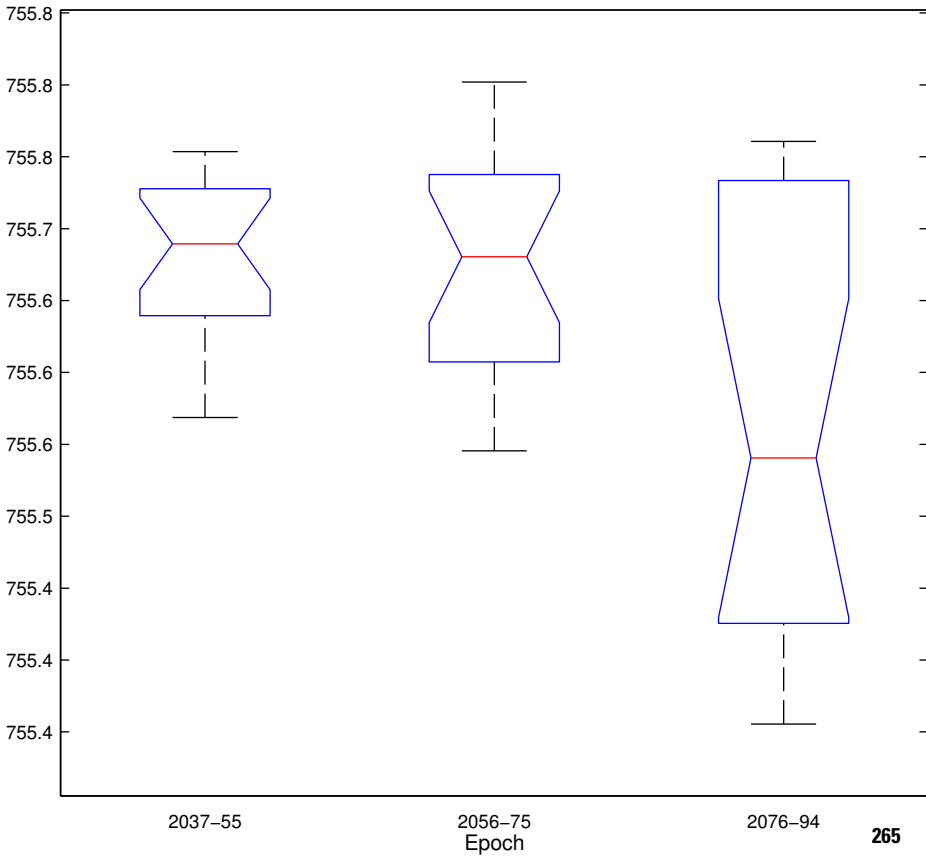
# GRIG – A1b Emission Simulation Results





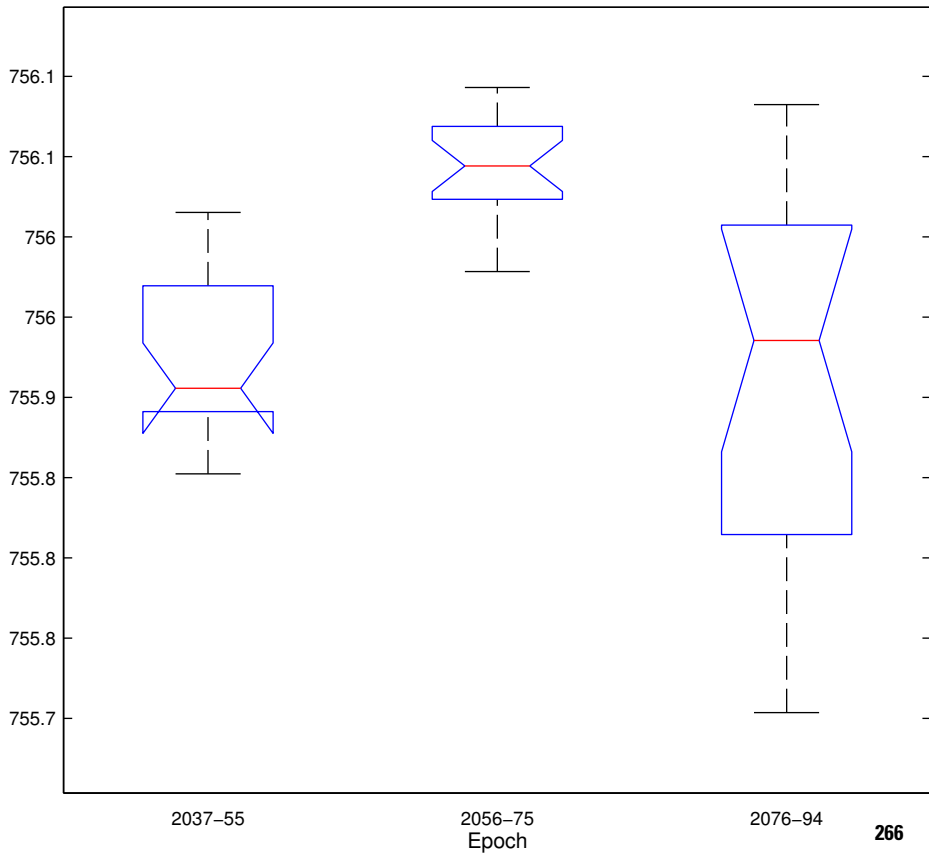
# GRIG – A1b Emission Simulation Results

Median of ensemble monthly–mean November water levels, in feet above NGVD 1929



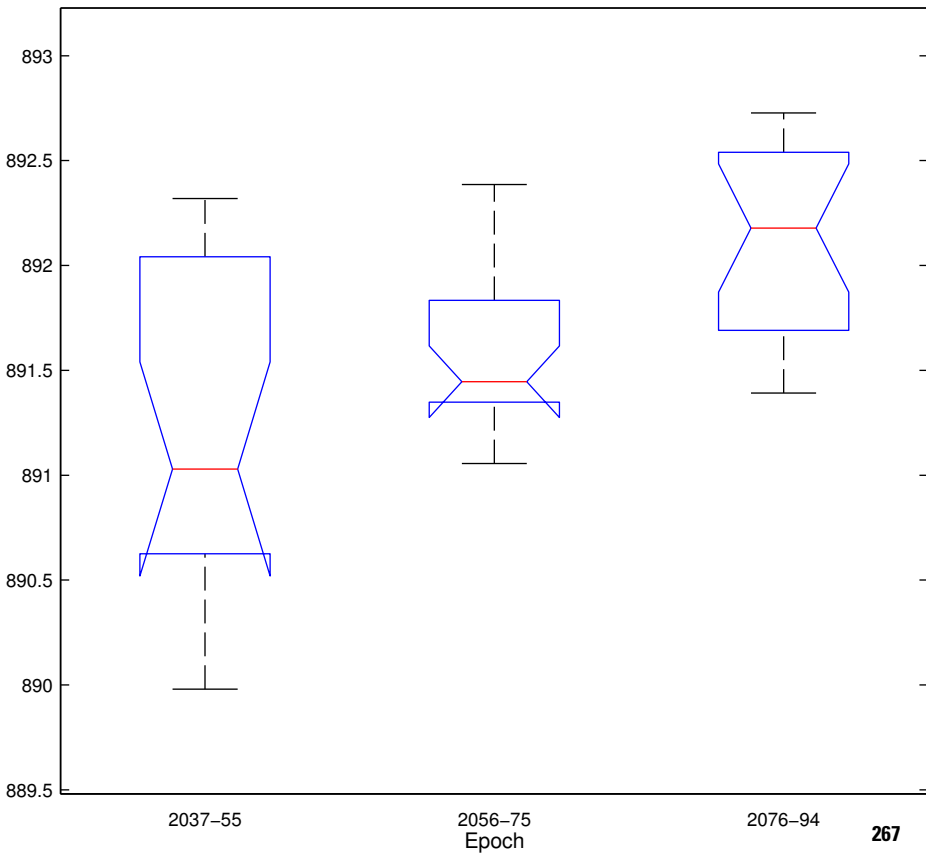
# GRIG – A1b Emission Simulation Results

Median of ensemble monthly-mean December water levels, in feet above NGVD 1929



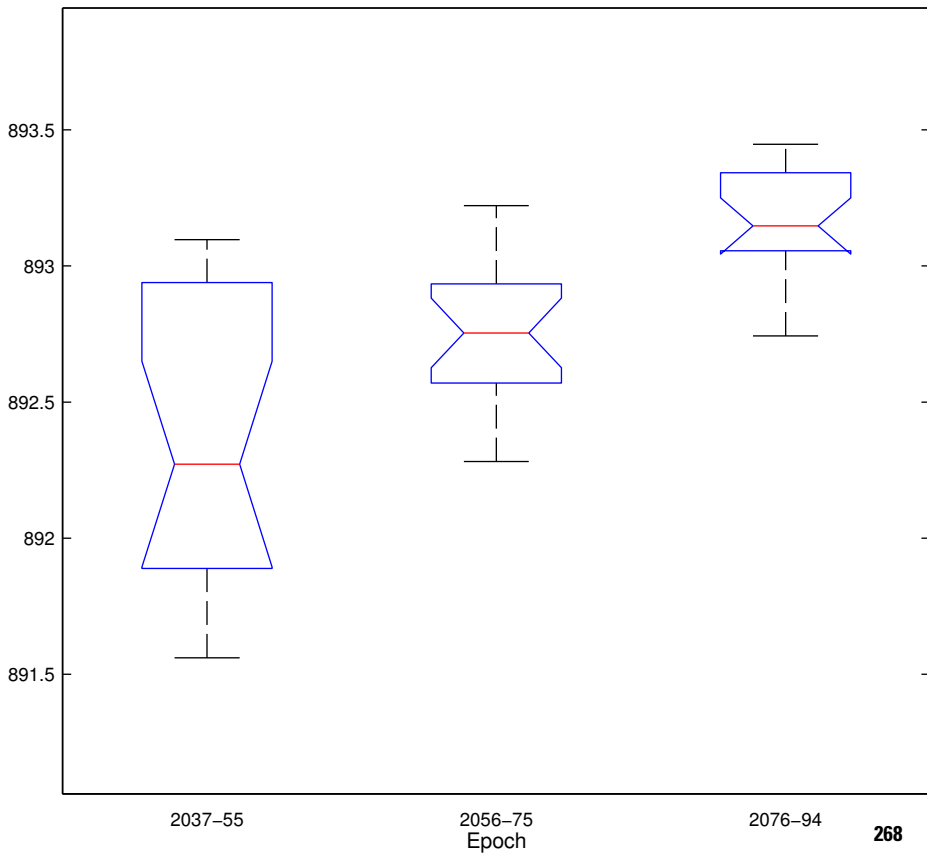
# HOOV – A2 Emission Simulation Results

Median of ensemble monthly-mean January water levels, in feet above NGVD 1929



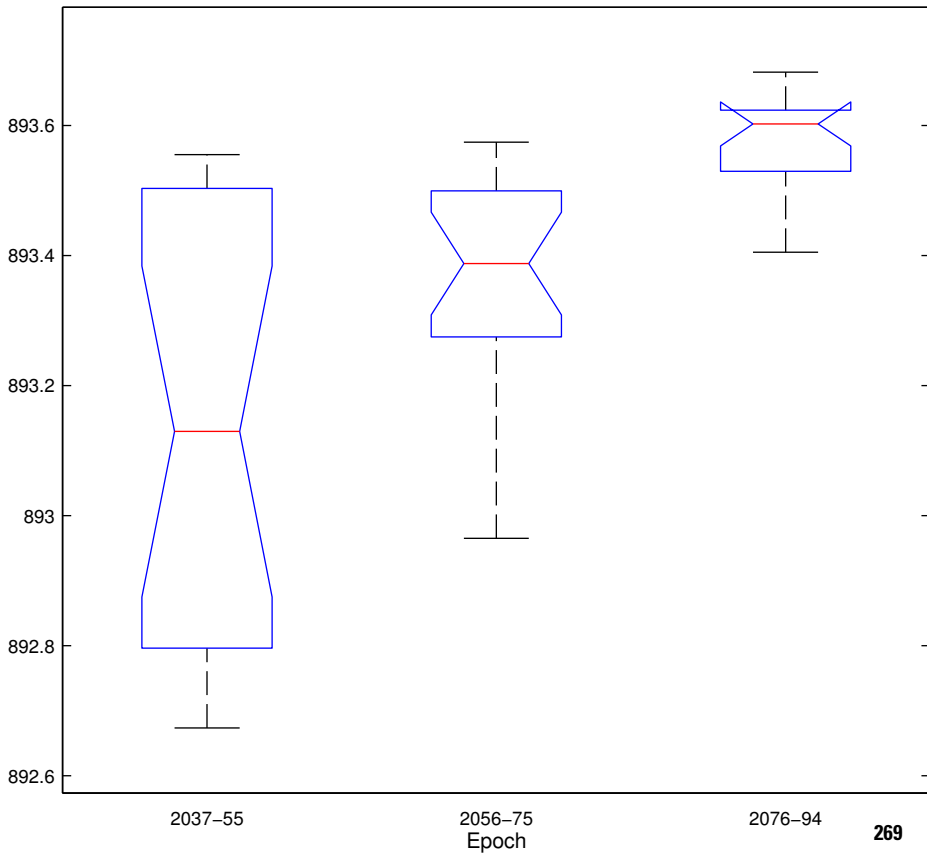
## HOOV – A2 Emission Simulation Results

Median of ensemble monthly–mean February water levels, in feet above NGVD 1929



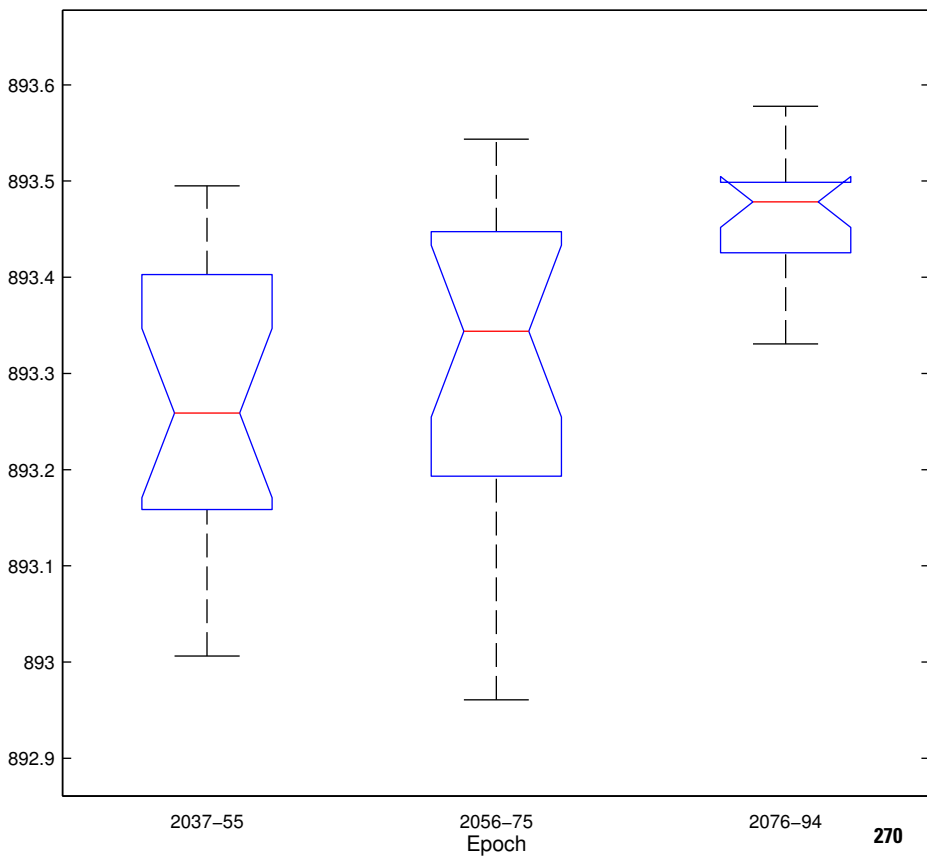
# HOOV – A2 Emission Simulation Results

Median of ensemble monthly–mean March water levels, in feet above NGVD 1929



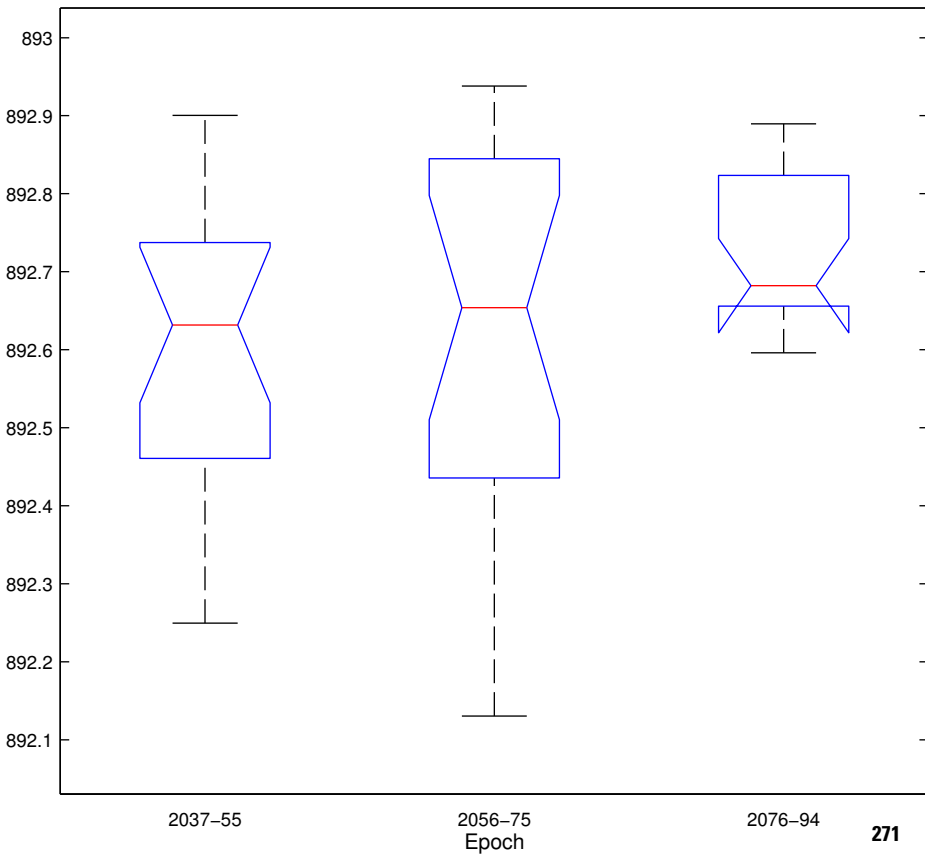
## HOOV – A2 Emission Simulation Results

Median of ensemble monthly-mean April water levels, in feet above NGVD 1929



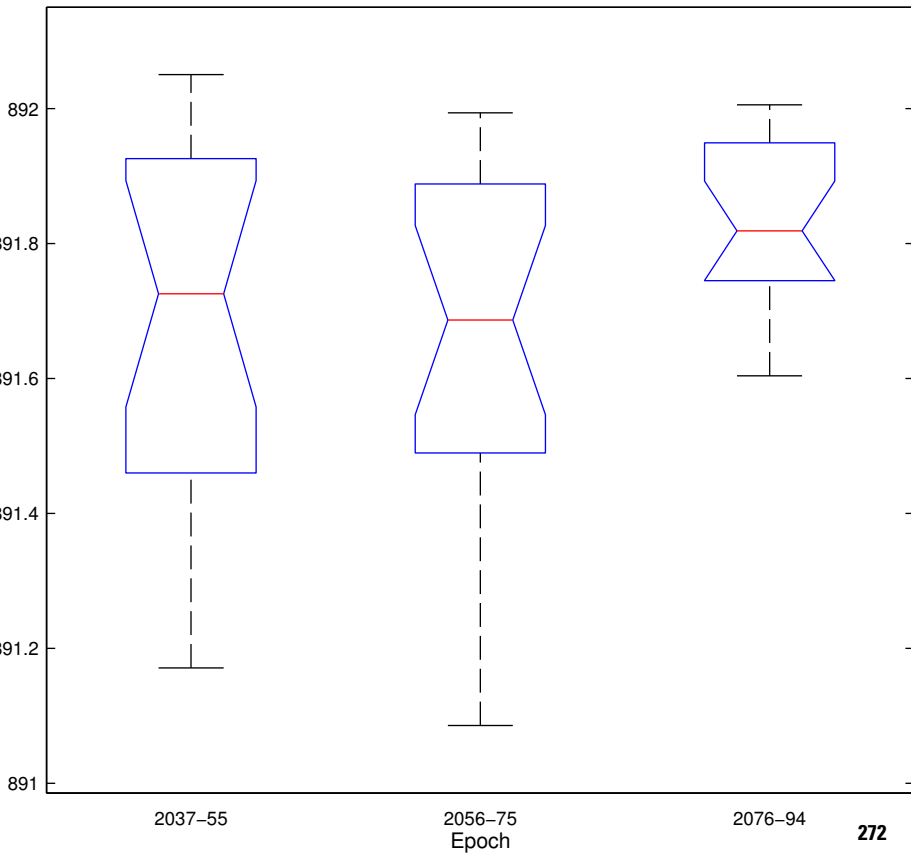
# HOOV – A2 Emission Simulation Results

Median of ensemble monthly-mean May water levels, in feet above NGVD 1929



# HOOV – A2 Emission Simulation Results

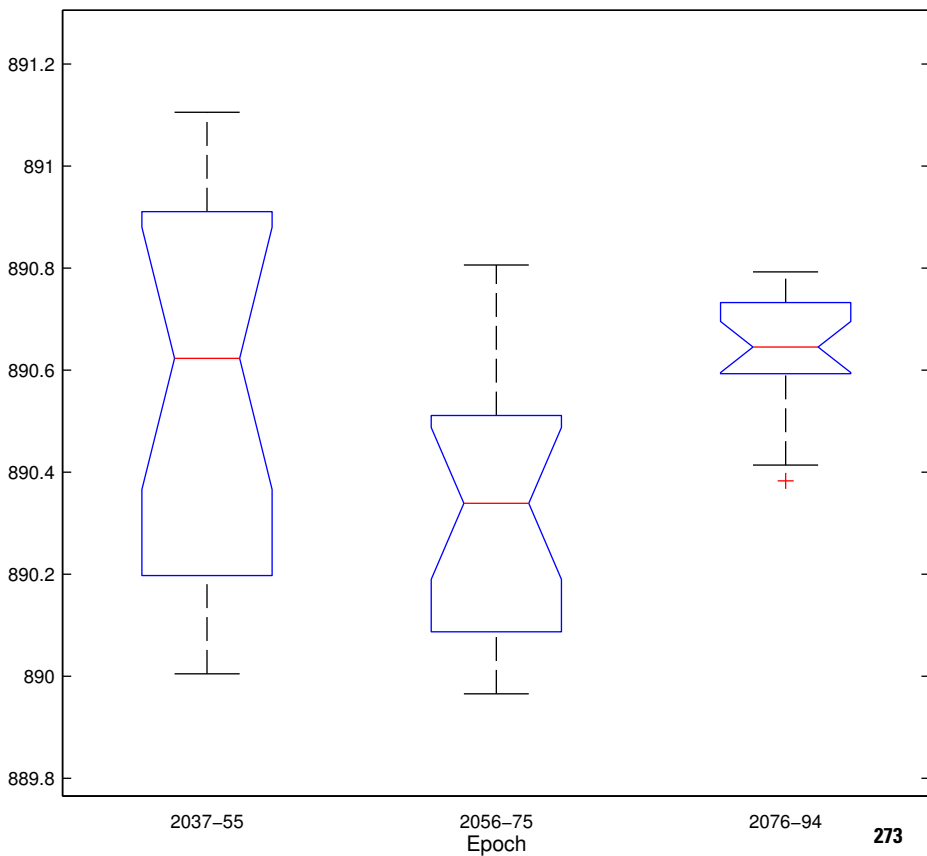
Median of ensemble monthly-mean June water levels, in feet above NGVD 1929



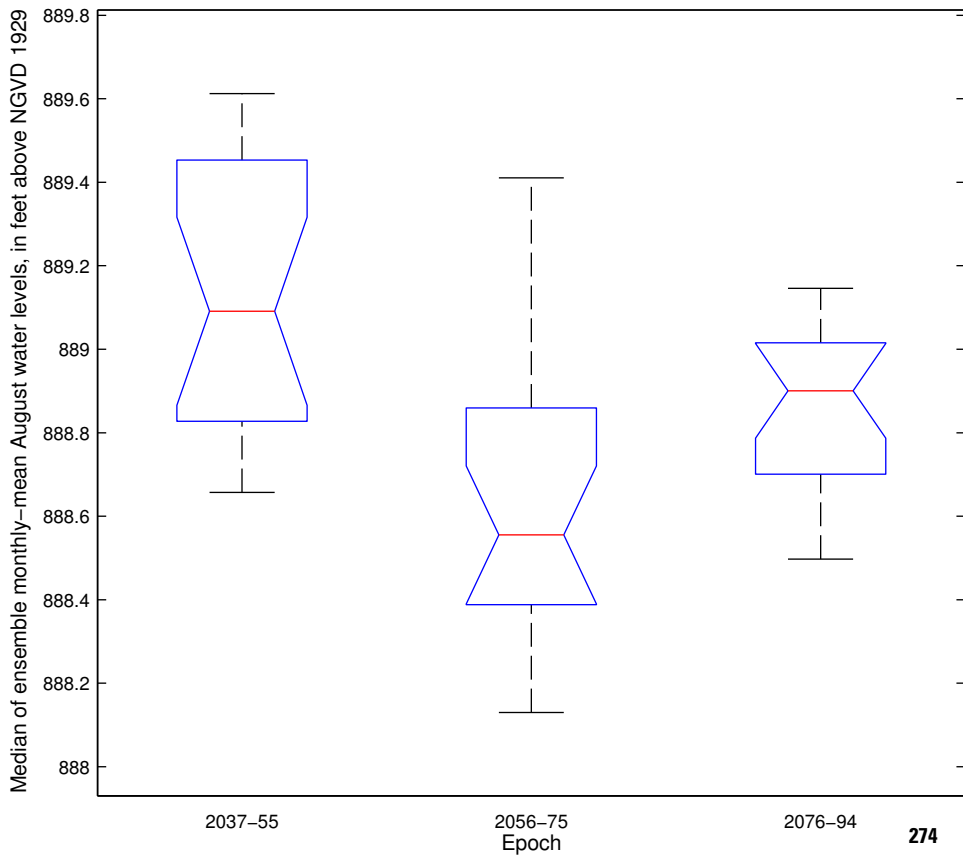


# HOOV – A2 Emission Simulation Results

Median of ensemble monthly-mean July water levels, in feet above NGVD 1929

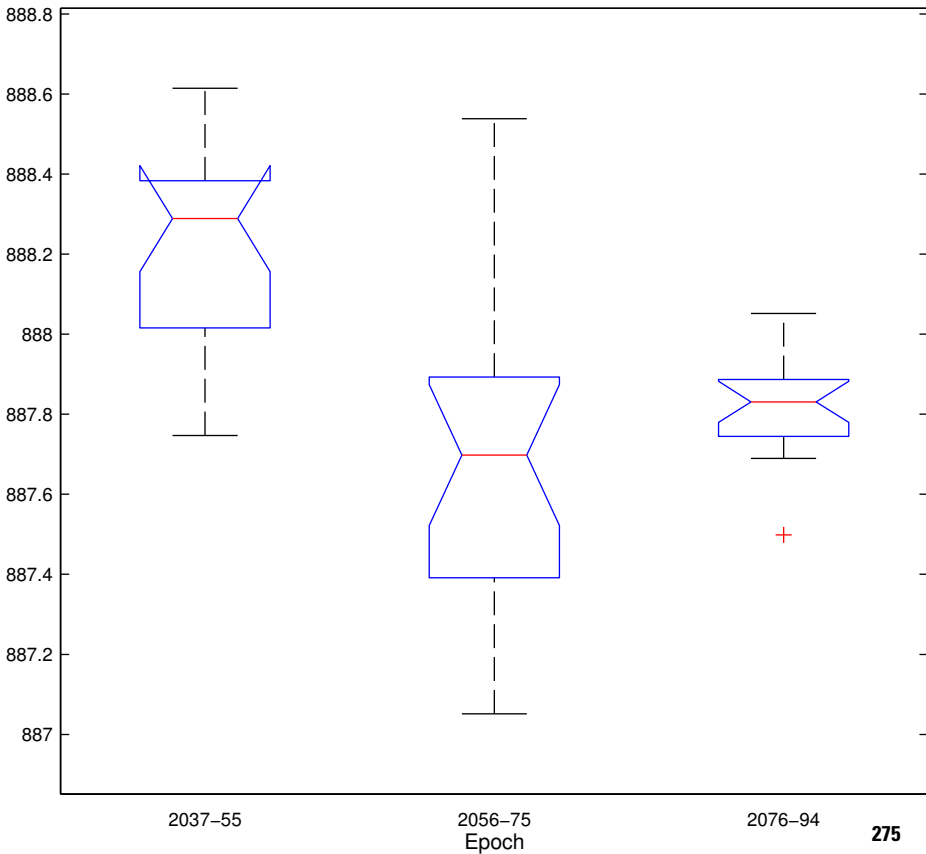


# HOOV – A2 Emission Simulation Results



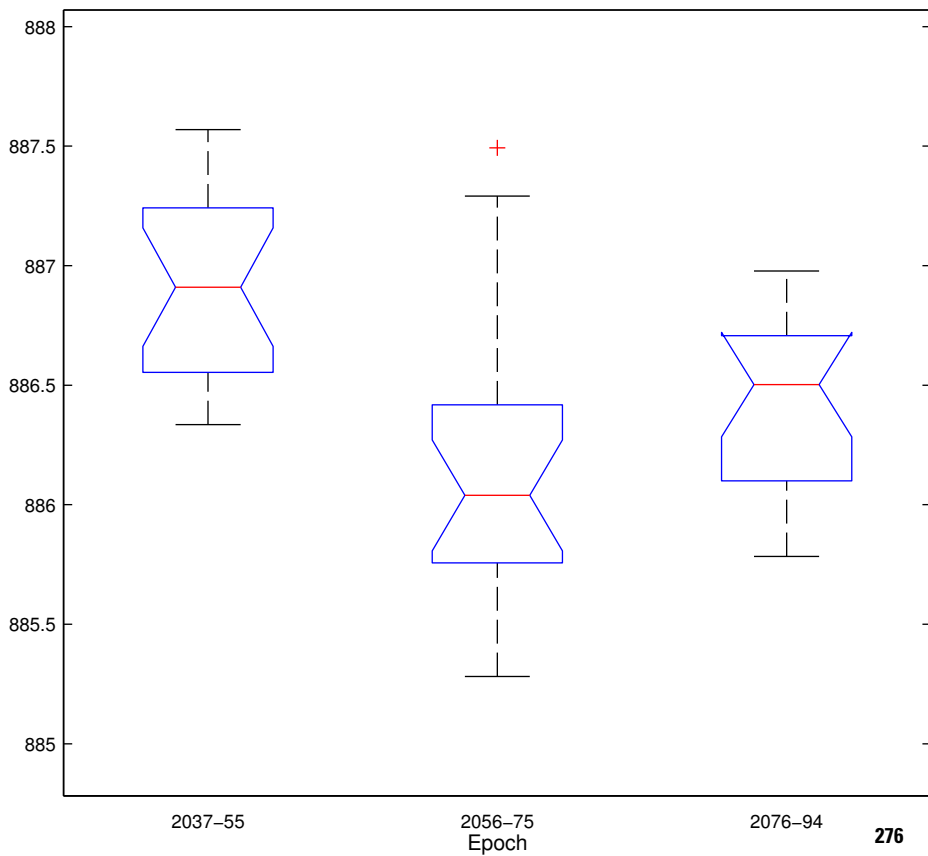
# HOOV – A2 Emission Simulation Results

Median of ensemble monthly – mean September water levels, in feet above NGVD 1929



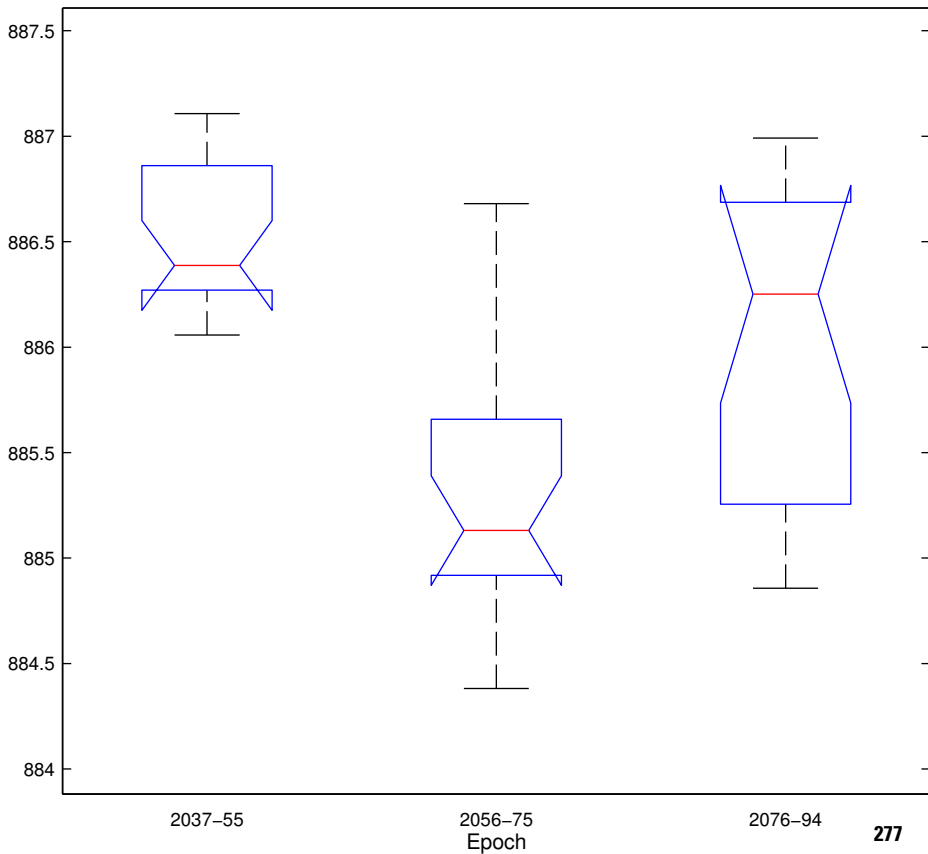
# HOOV – A2 Emission Simulation Results

Median of ensemble monthly–mean October water levels, in feet above NGVD 1929



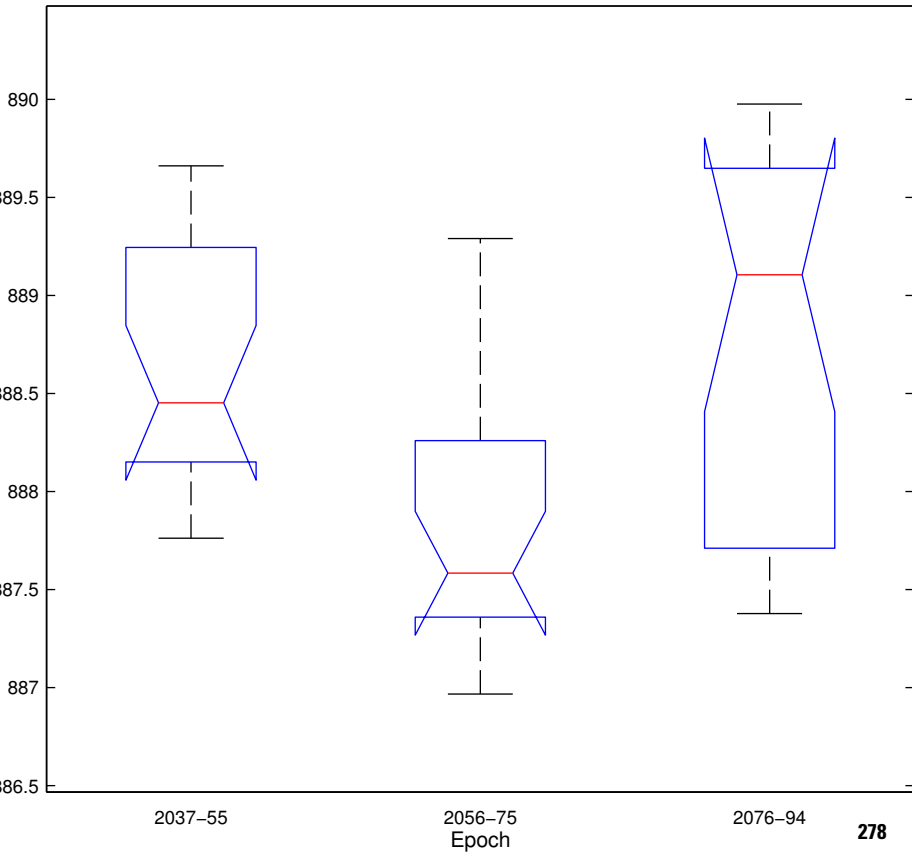
# HOOV – A2 Emission Simulation Results

Median of ensemble monthly-mean November water levels, in feet above NGVD 1929



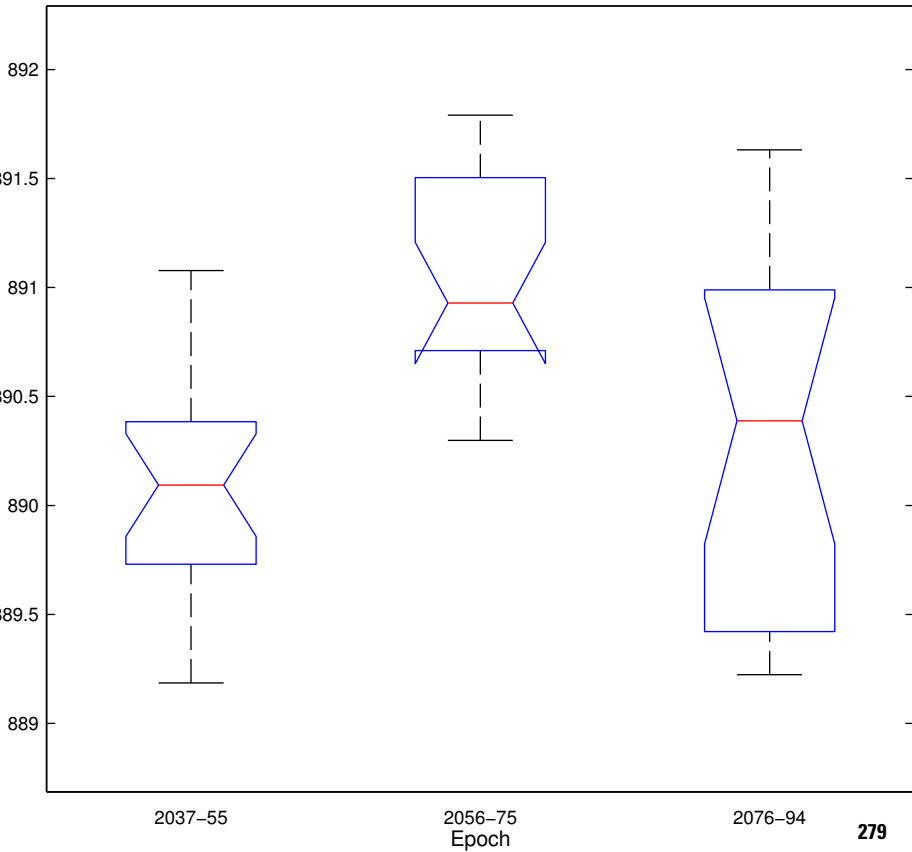
# HOOV – A2 Emission Simulation Results

Median of ensemble monthly-mean December water levels, in feet above NGVD 1929

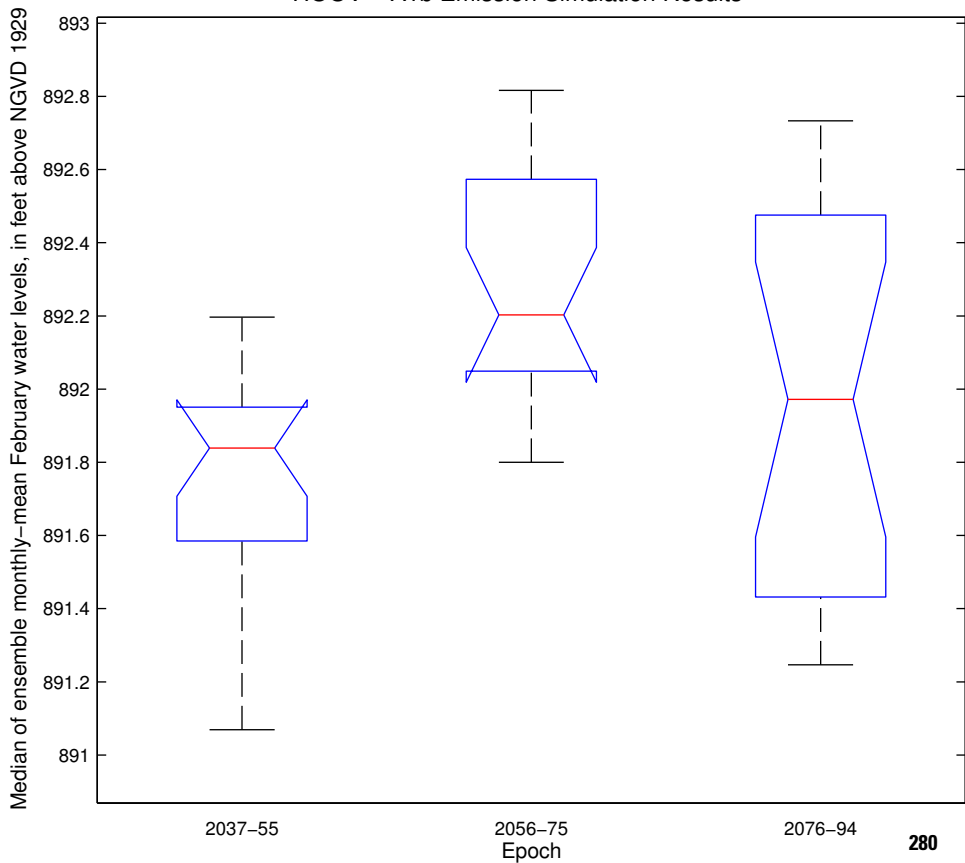


# HOOV – A1b Emission Simulation Results

Median of ensemble monthly-mean January water levels, in feet above NGVD 1929



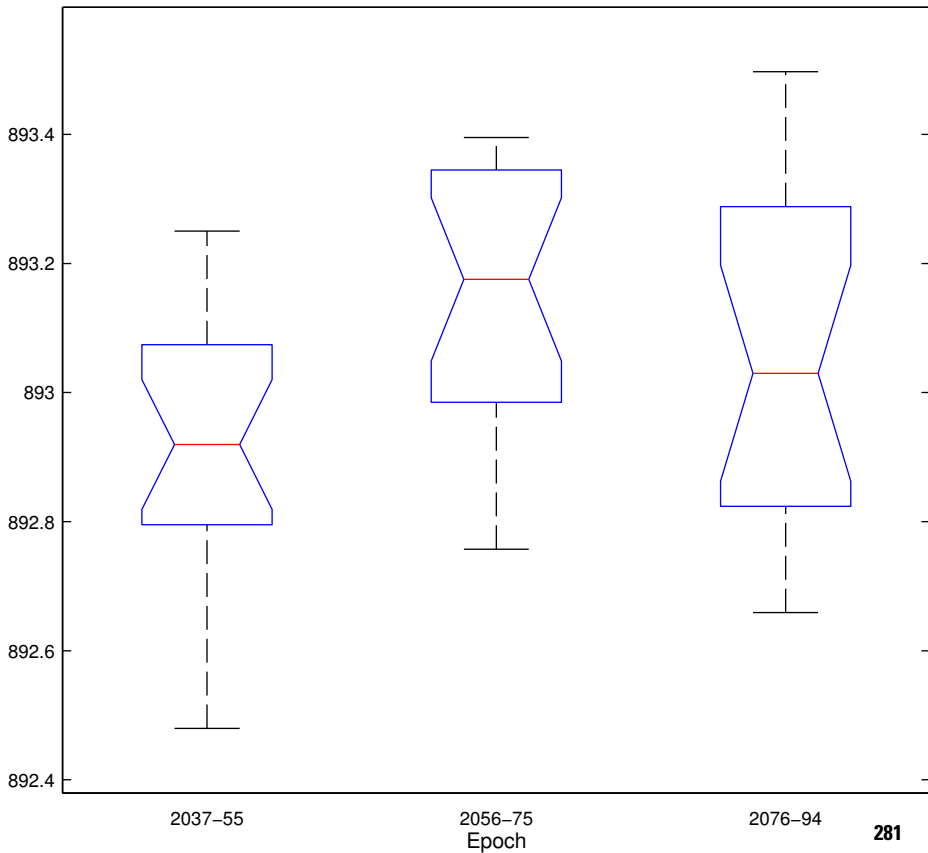
# HOOV – A1b Emission Simulation Results





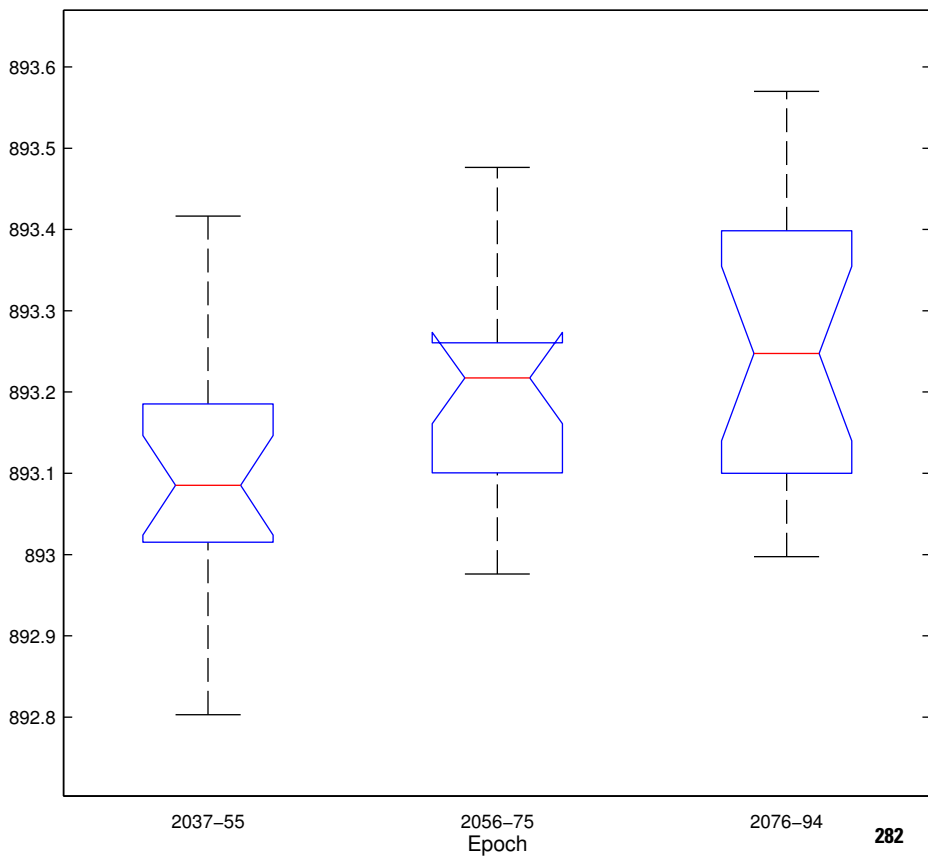
# HOOV – A1b Emission Simulation Results

Median of ensemble monthly-mean March water levels, in feet above NGVD 1929



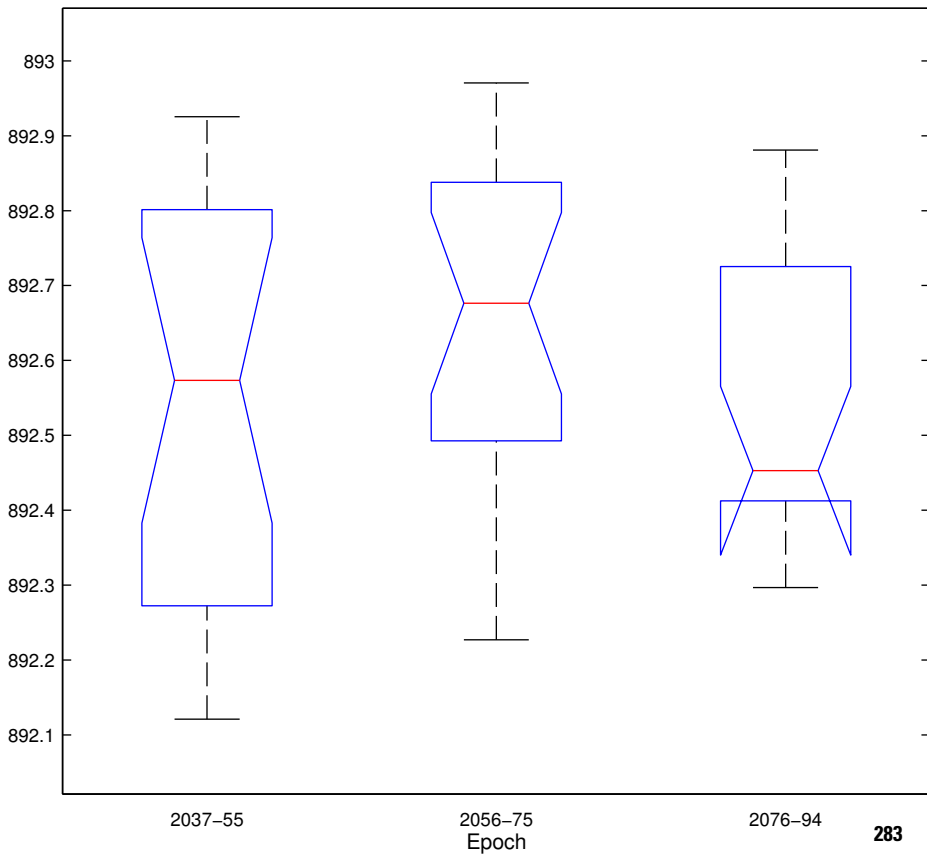
# HOOV – A1b Emission Simulation Results

Median of ensemble monthly-mean April water levels, in feet above NGVD 1929



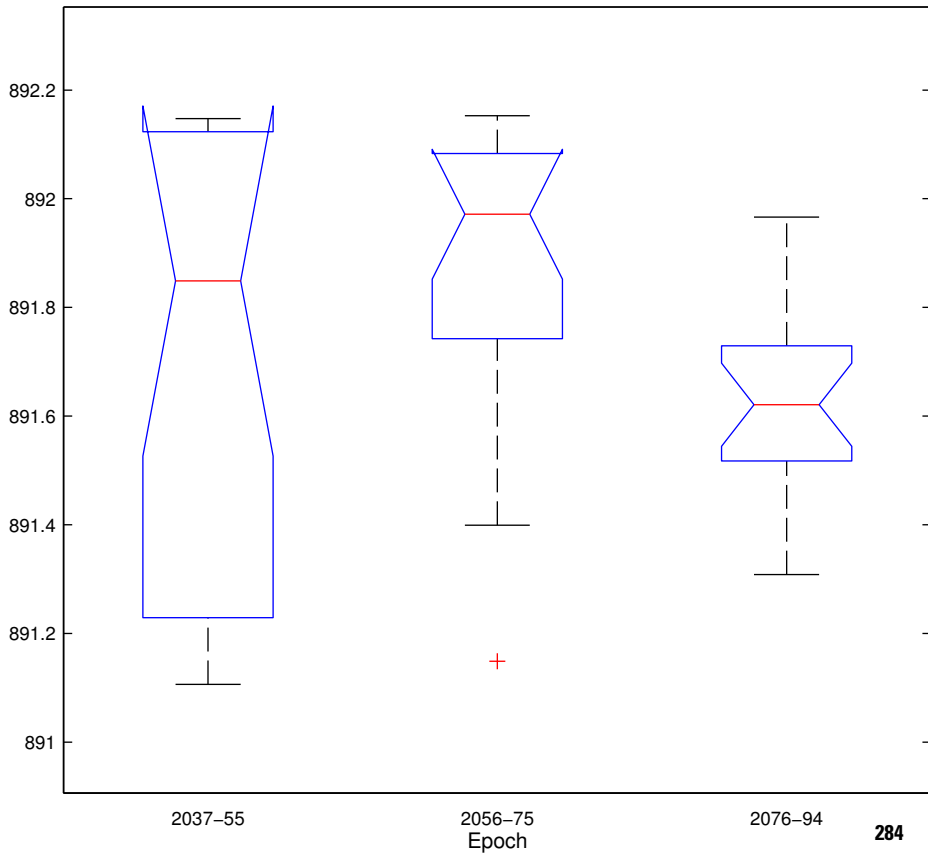
# HOOV – A1b Emission Simulation Results

Median of ensemble monthly-mean May water levels, in feet above NGVD 1929



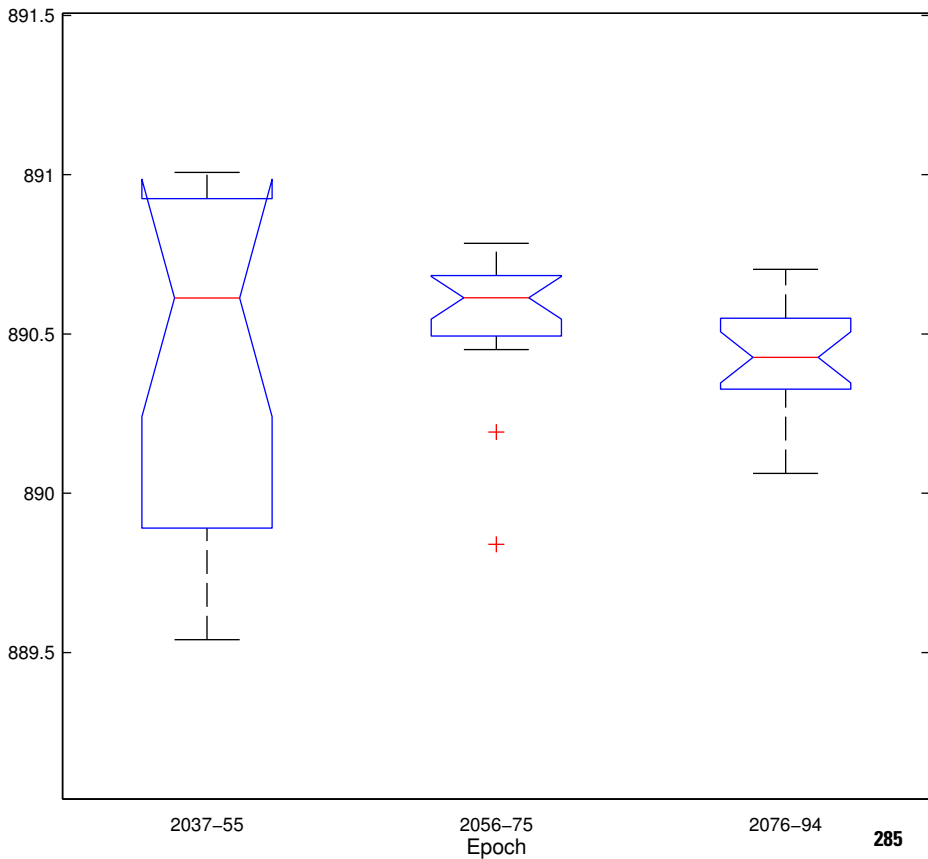
# HOOV – A1b Emission Simulation Results

Median of ensemble monthly-mean June water levels, in feet above NGVD 1929



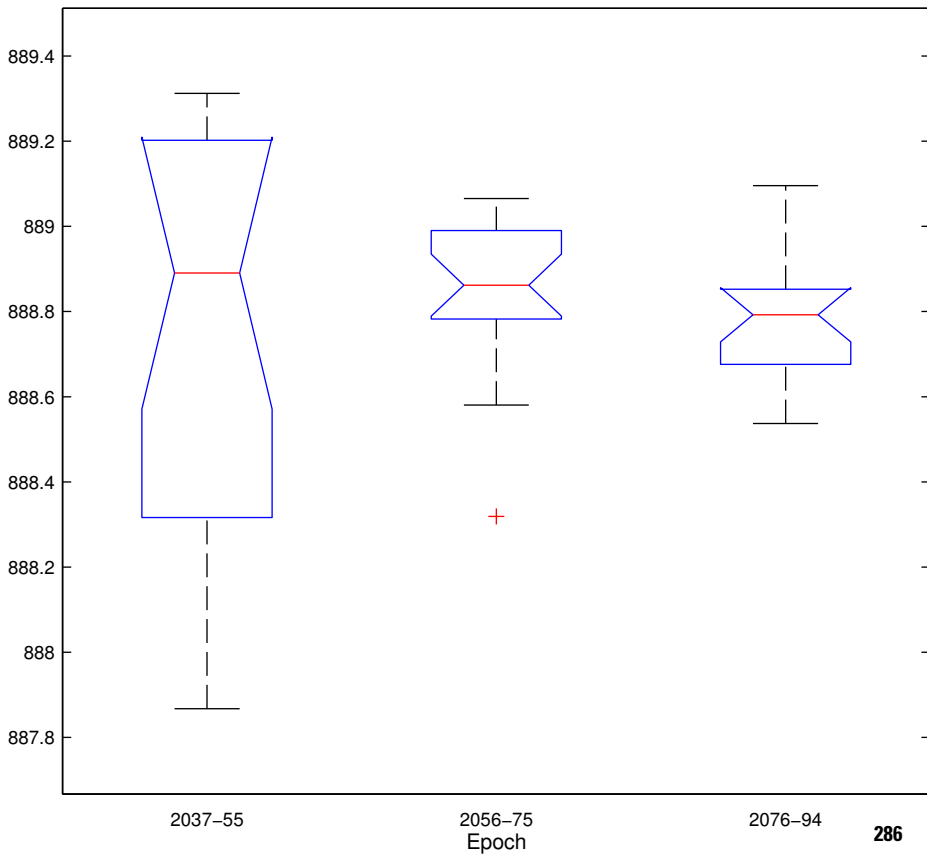
# HOOV – A1b Emission Simulation Results

Median of ensemble monthly-mean July water levels, in feet above NGVD 1929



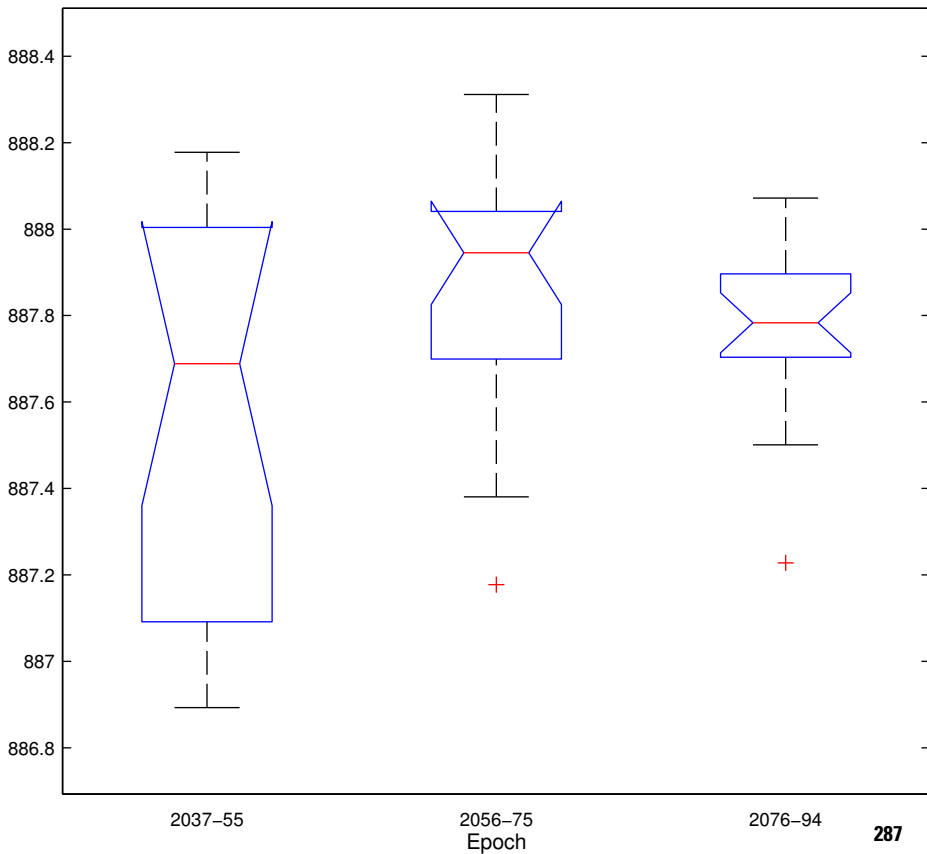
# HOOV – A1b Emission Simulation Results

Median of ensemble monthly–mean August water levels, in feet above NGVD 1929



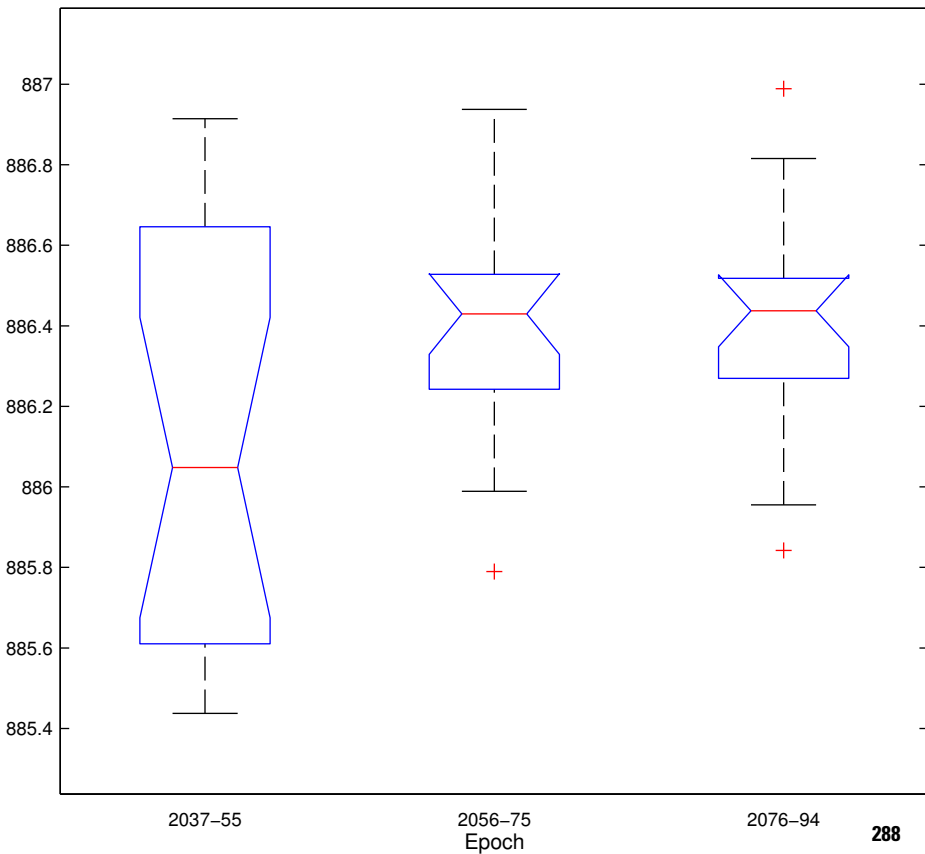
# HOOV – A1b Emission Simulation Results

Median of ensemble monthly–mean September water levels, in feet above NGVD 1929



# HOOV – A1b Emission Simulation Results

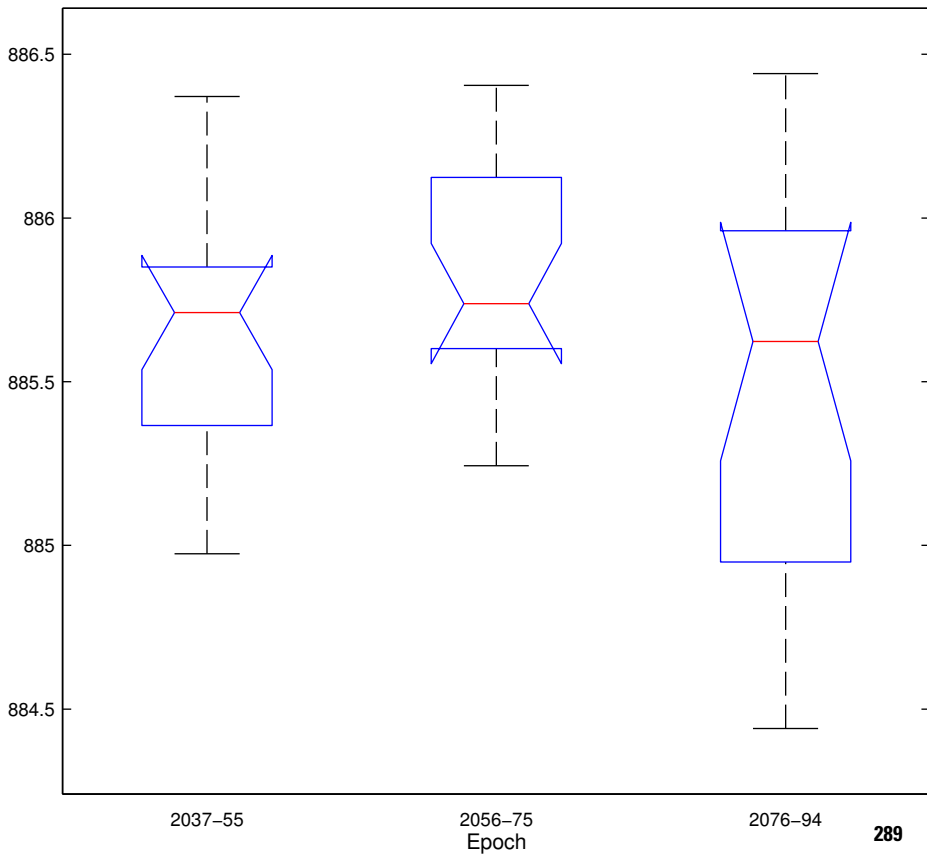
Median of ensemble monthly-mean October water levels, in feet above NGVD 1929





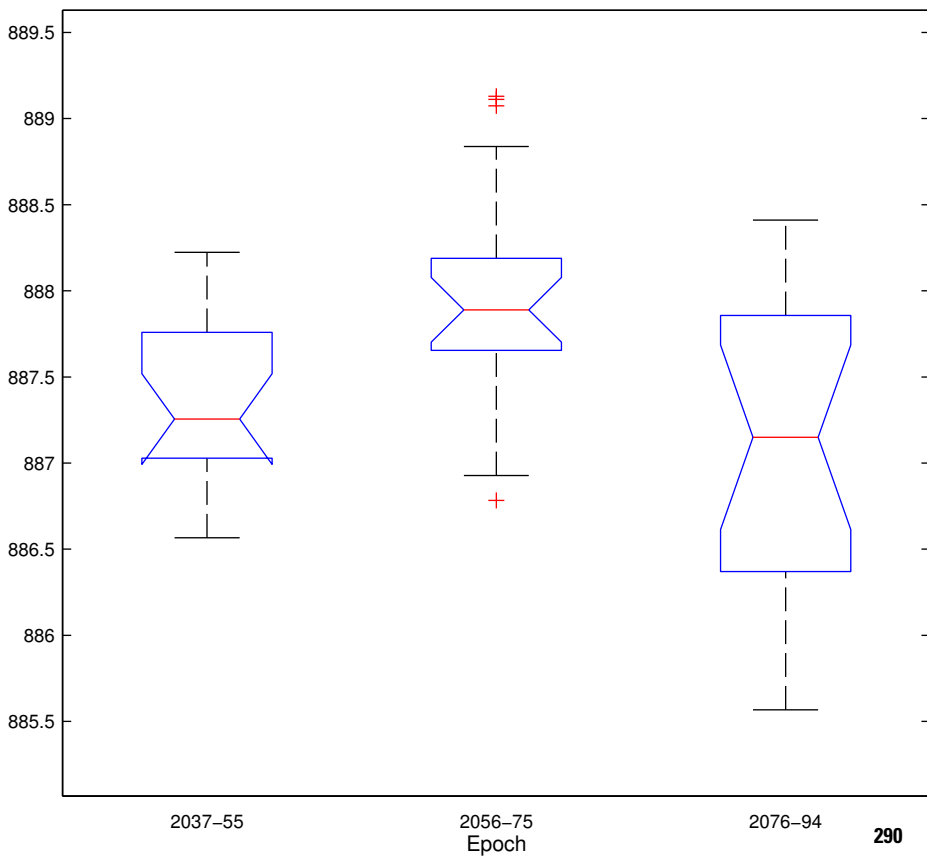
# HOOV – A1b Emission Simulation Results

Median of ensemble monthly-mean November water levels, in feet above NGVD 1929

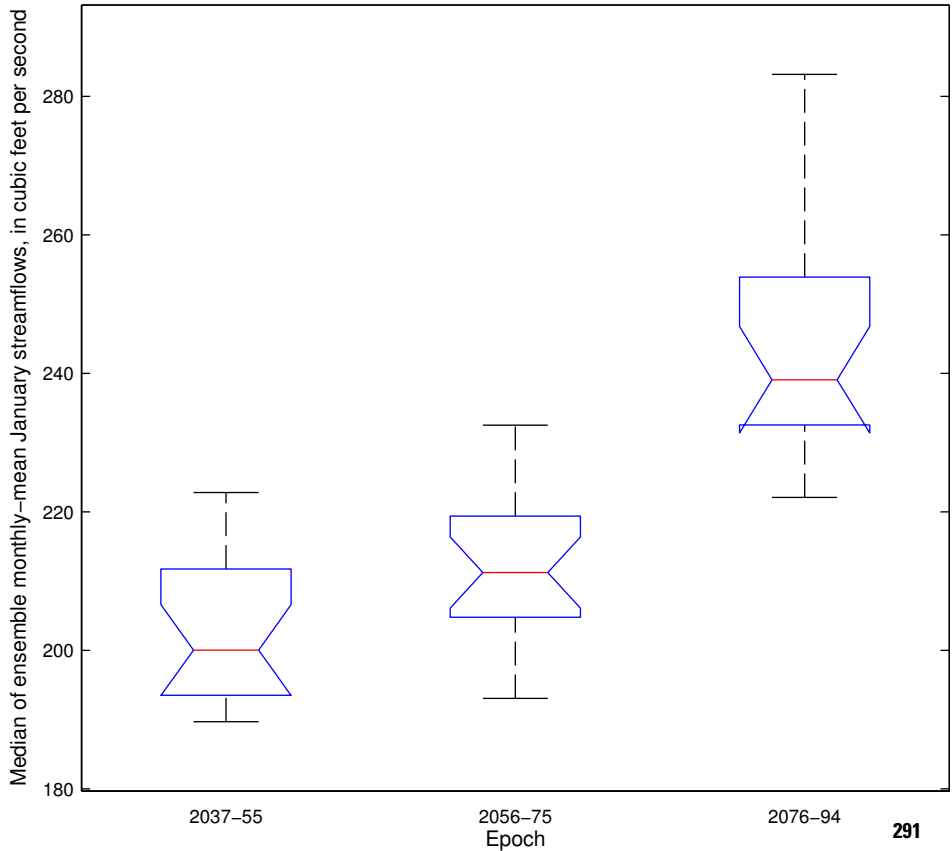


# HOOV – A1b Emission Simulation Results

Median of ensemble monthly-mean December water levels, in feet above NGVD 1929

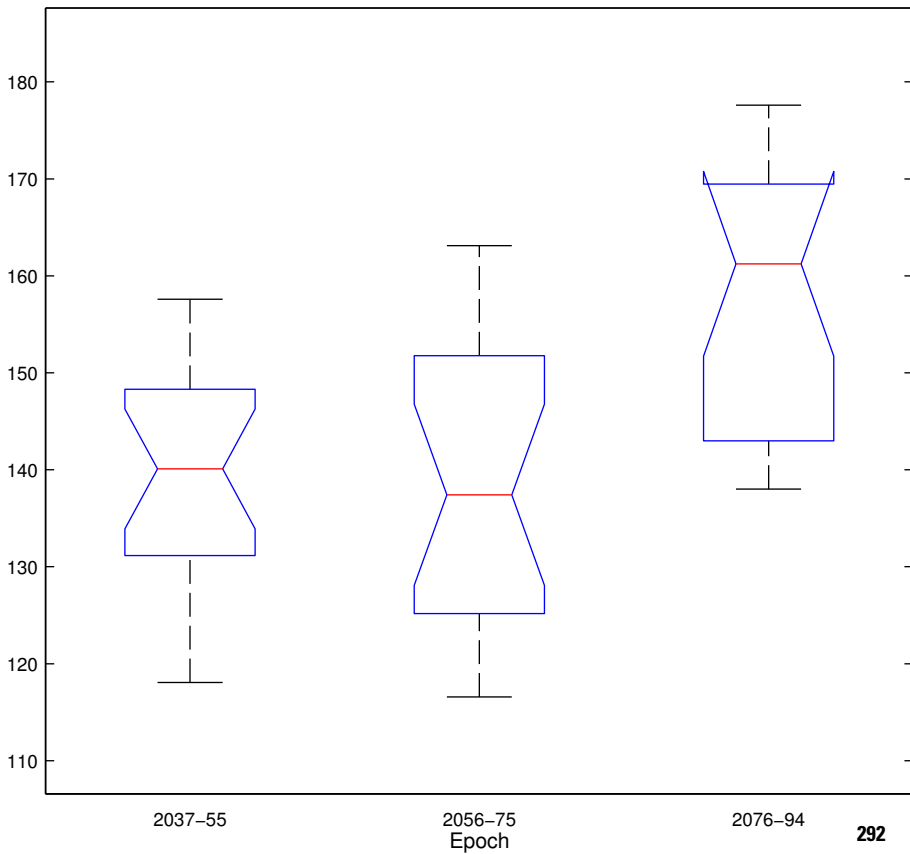


# LSCI – A2 Emission Simulation Results

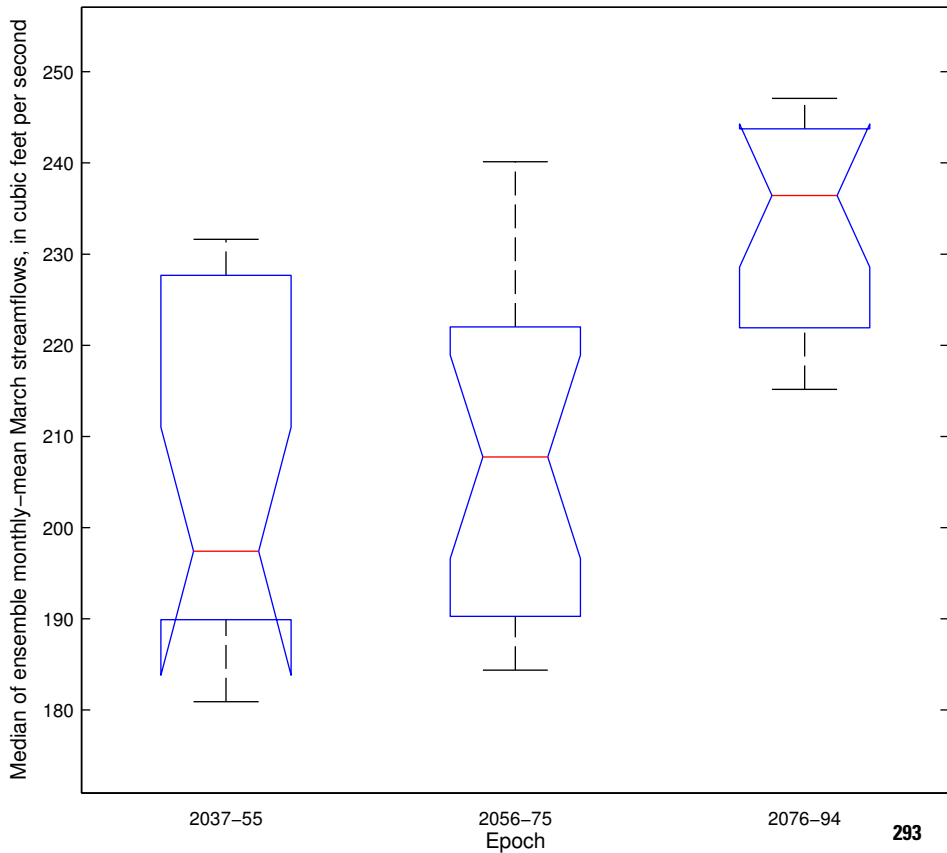


## LSCI – A2 Emission Simulation Results

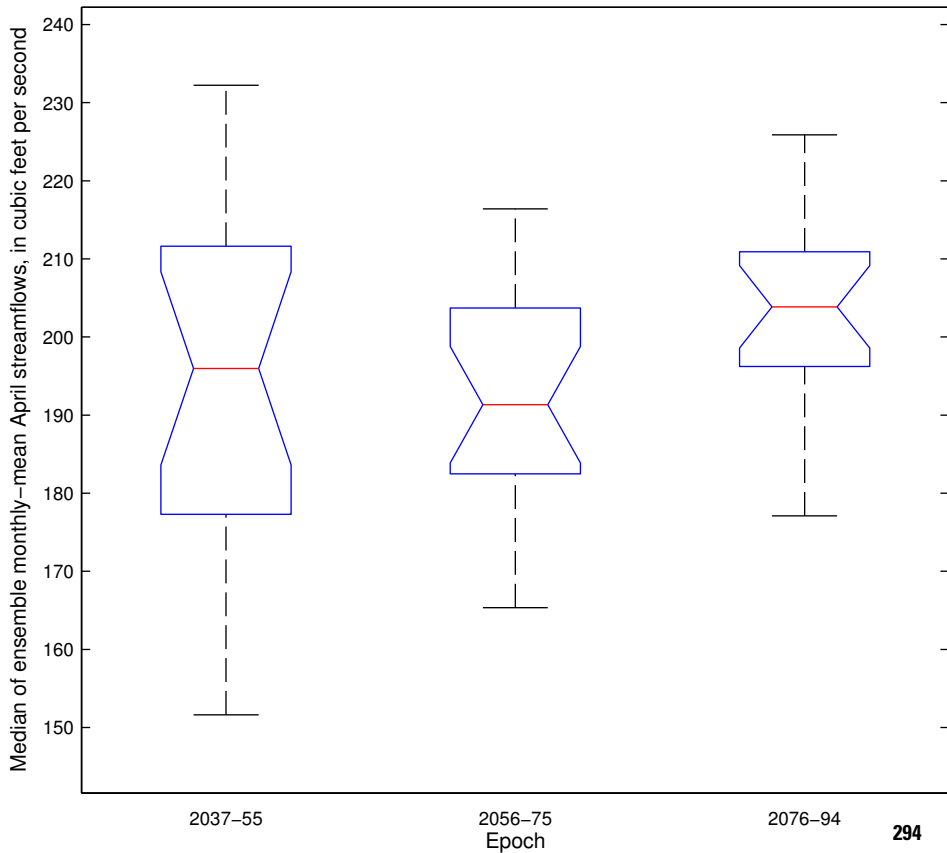
Median of ensemble monthly-mean February streamflows, in cubic feet per second



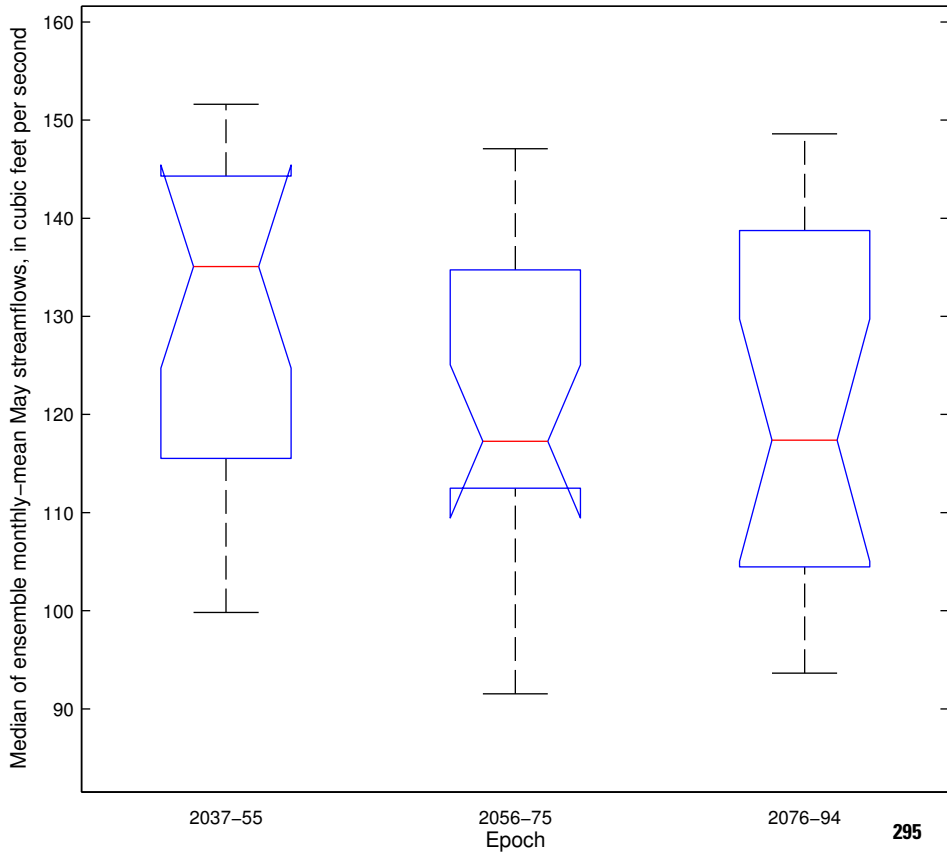
## LSCI – A2 Emission Simulation Results



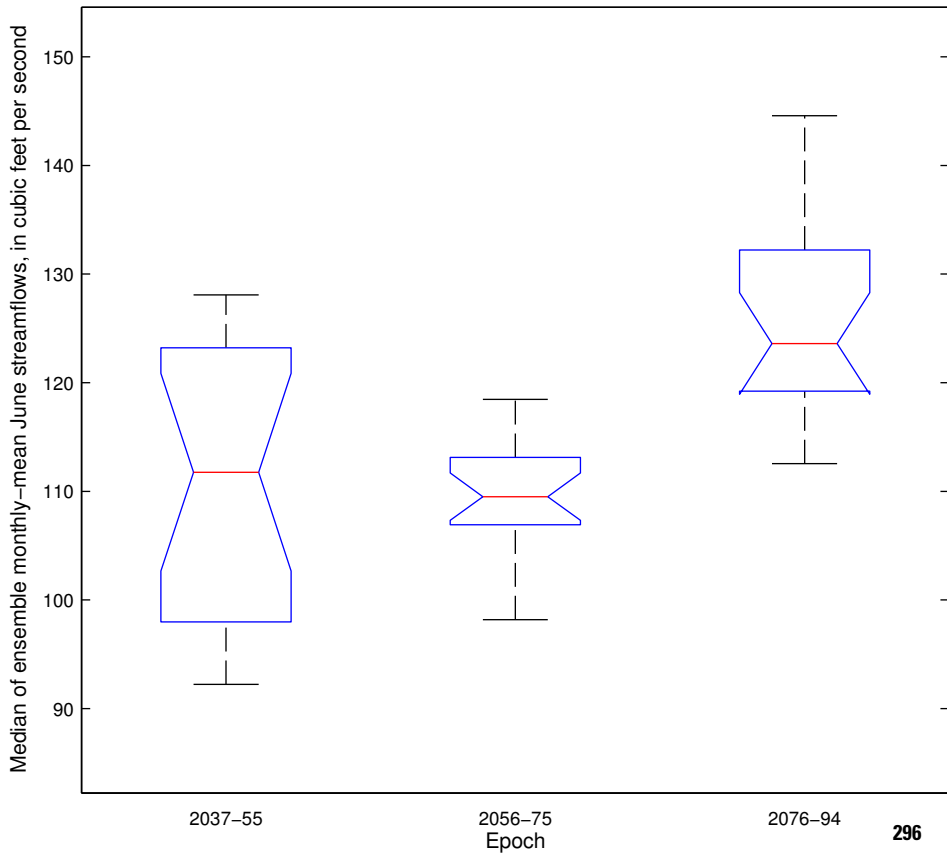
# LSCI – A2 Emission Simulation Results



# LSCI – A2 Emission Simulation Results

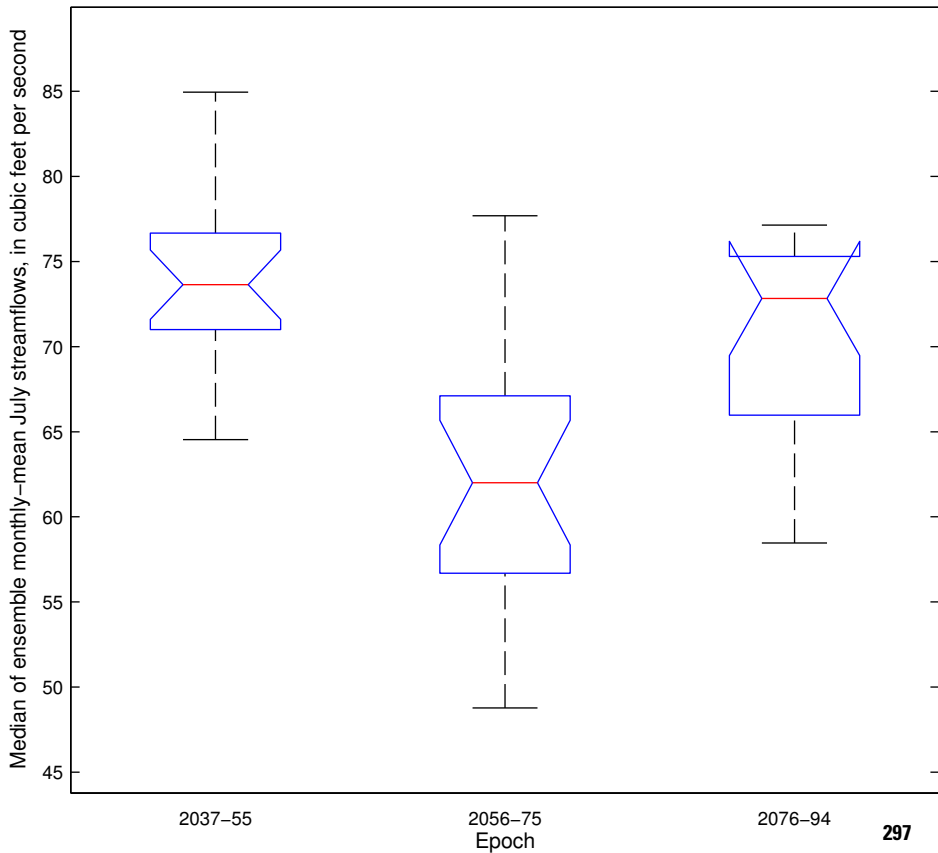


## LSCI – A2 Emission Simulation Results

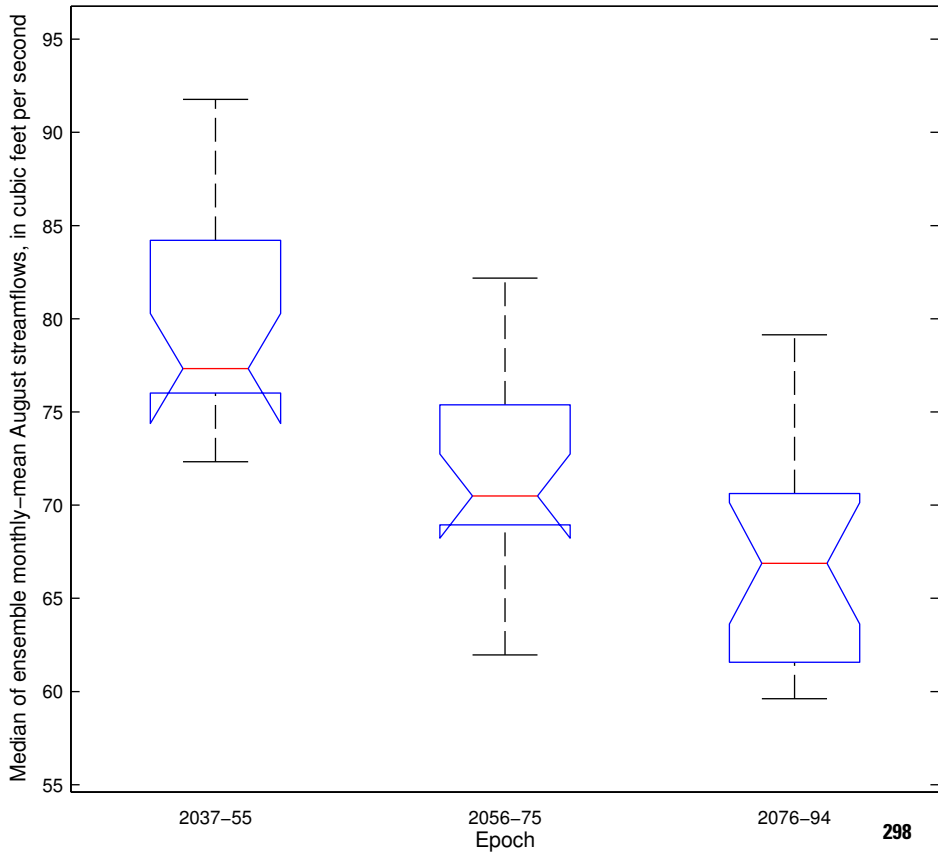




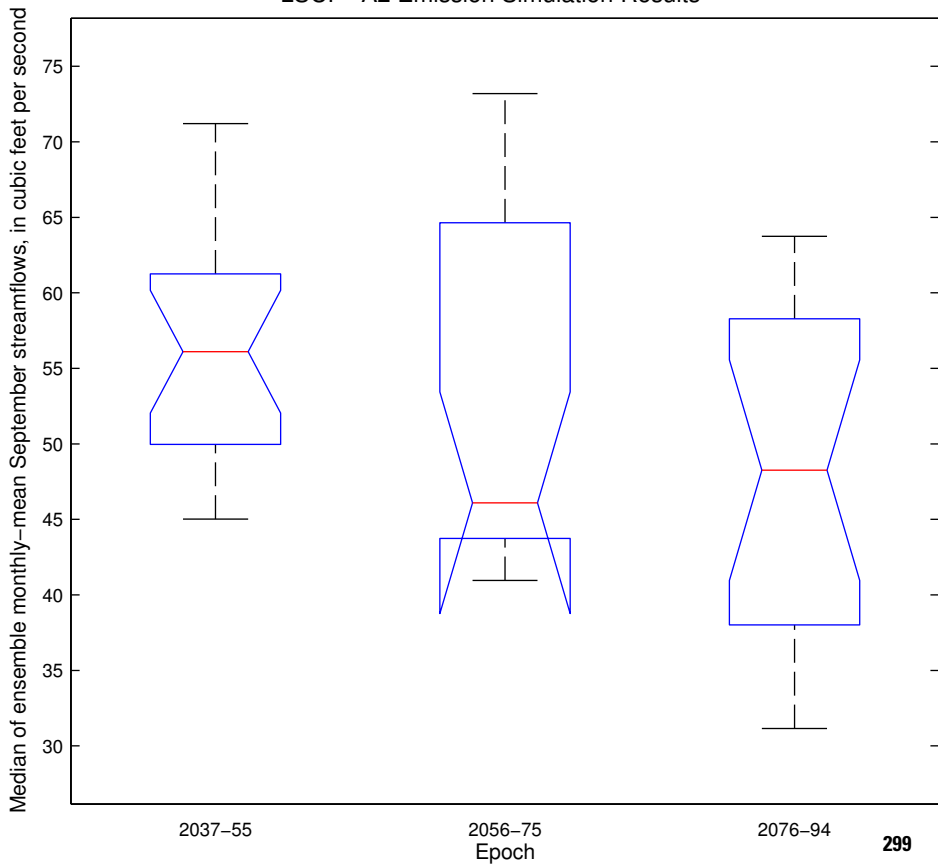
# LSCI – A2 Emission Simulation Results



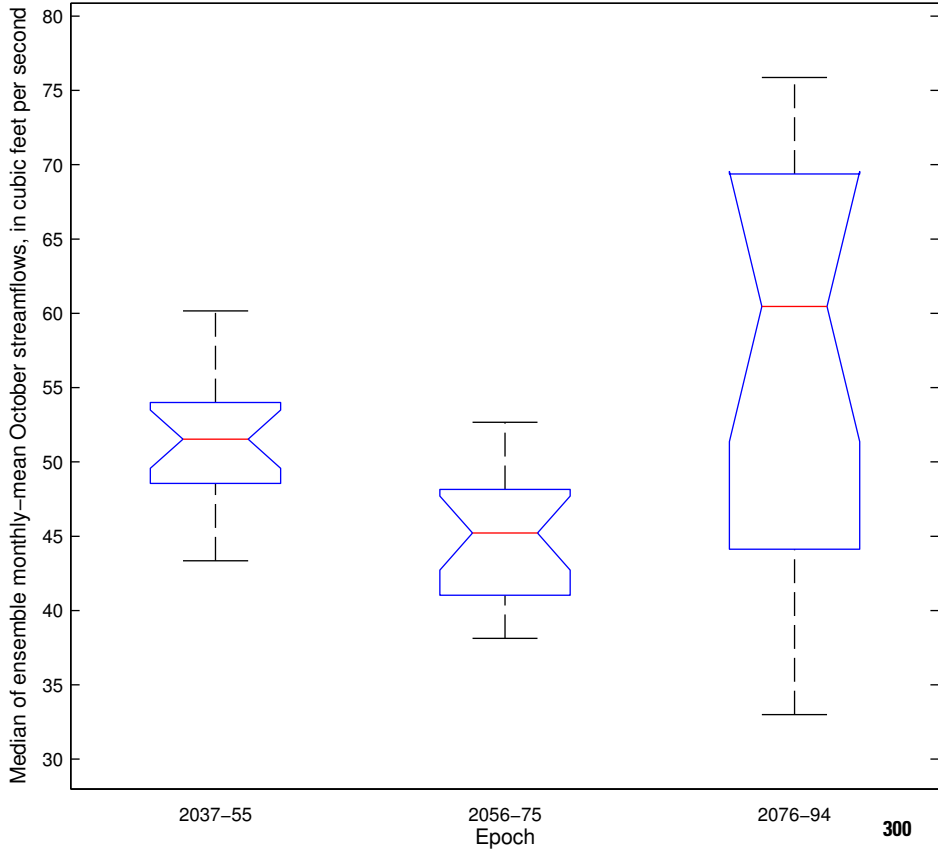
# LSCI – A2 Emission Simulation Results



# LSCI – A2 Emission Simulation Results

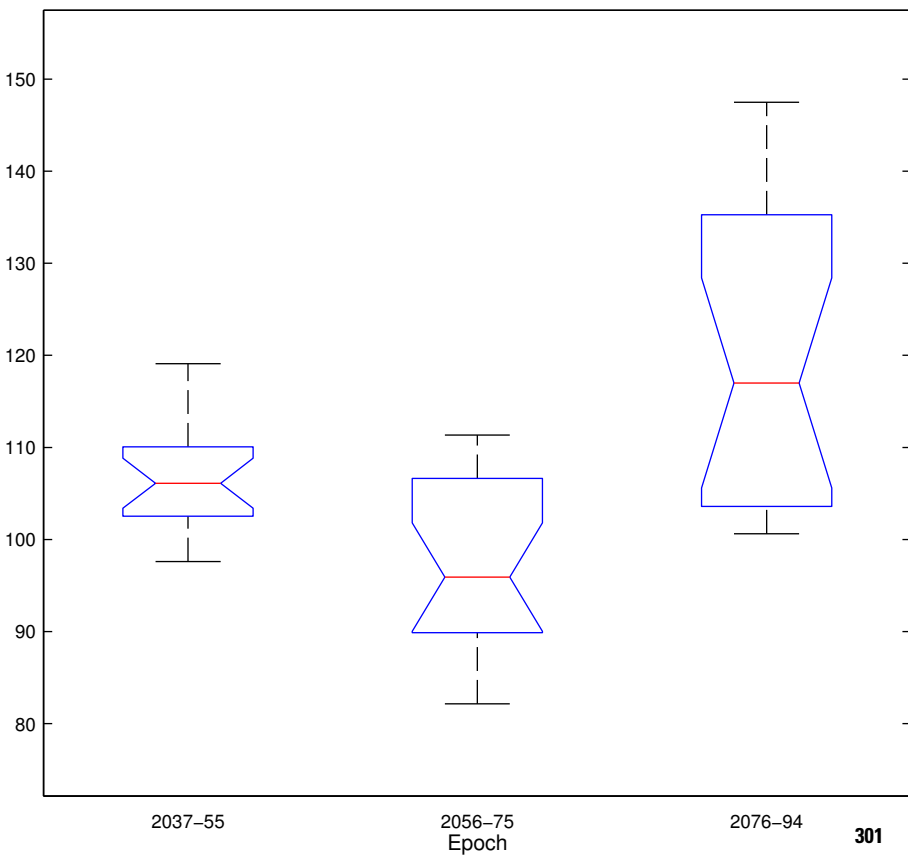


# LSCI – A2 Emission Simulation Results



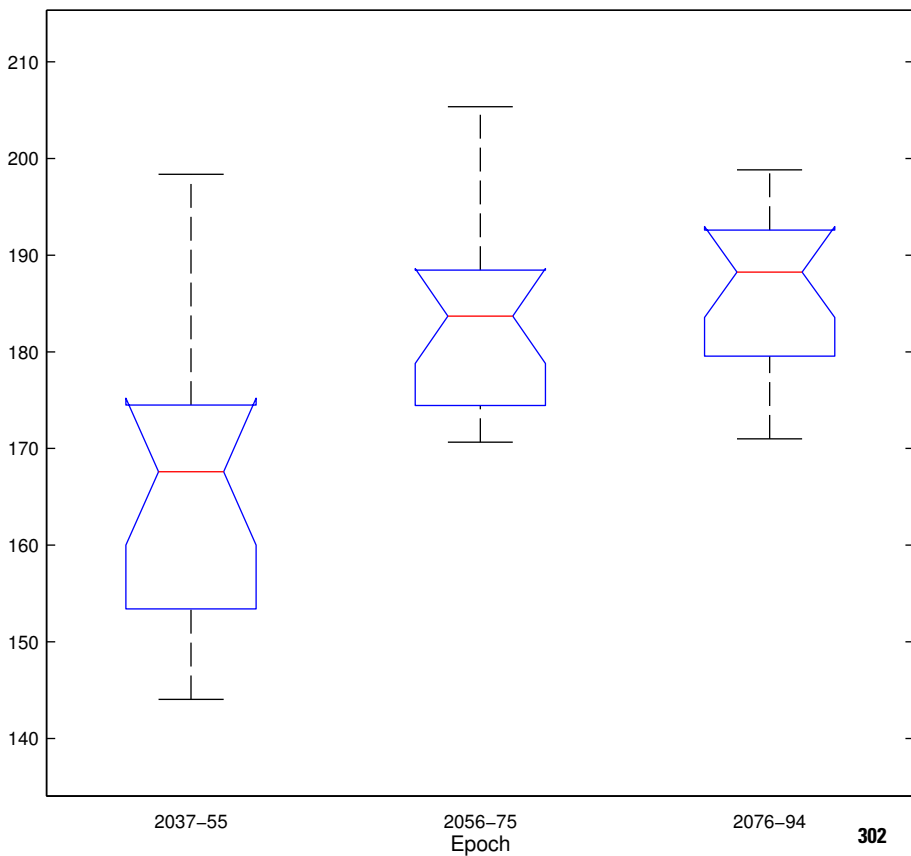
# LSCI – A2 Emission Simulation Results

Median of ensemble monthly-mean November streamflows, in cubic feet per second

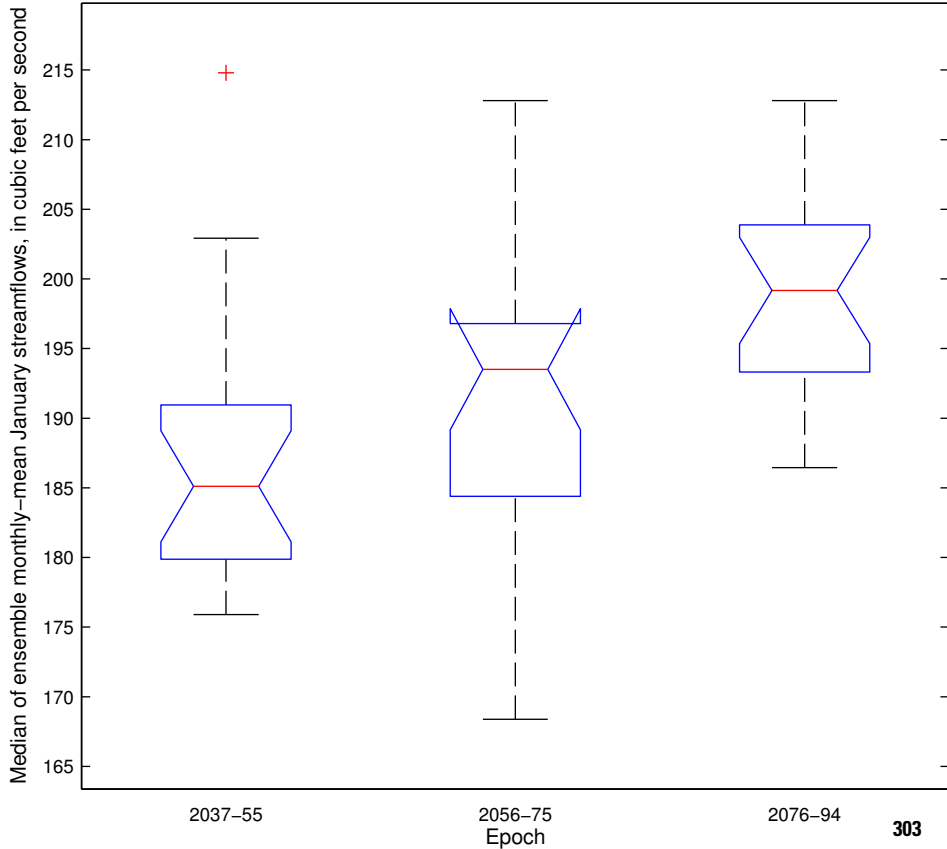


## LSCI – A2 Emission Simulation Results

Median of ensemble monthly-mean December streamflows, in cubic feet per second

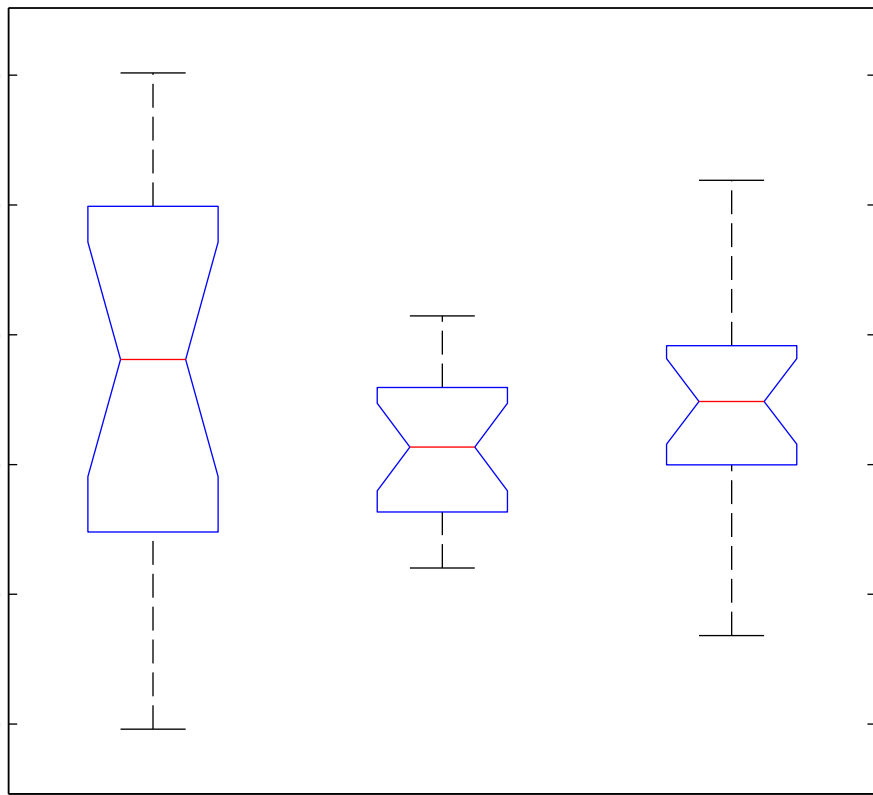


# LSCI – A1b Emission Simulation Results



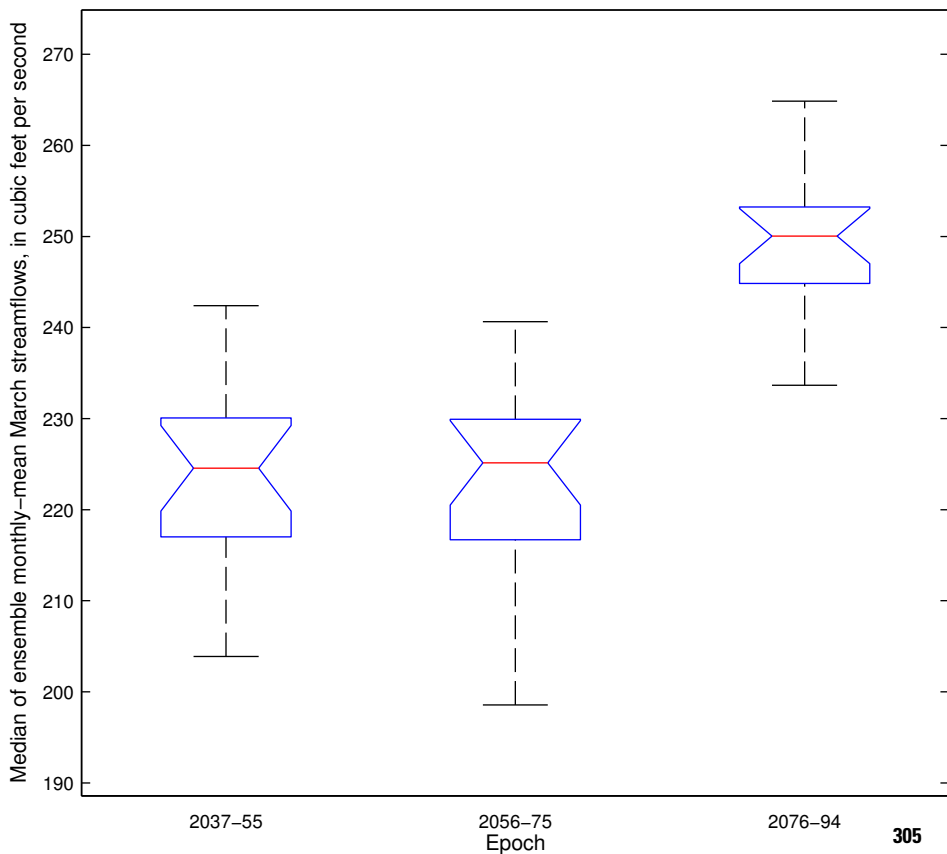
# LSCI – A1b Emission Simulation Results

Median of ensemble monthly-mean February streamflows, in cubic feet per second

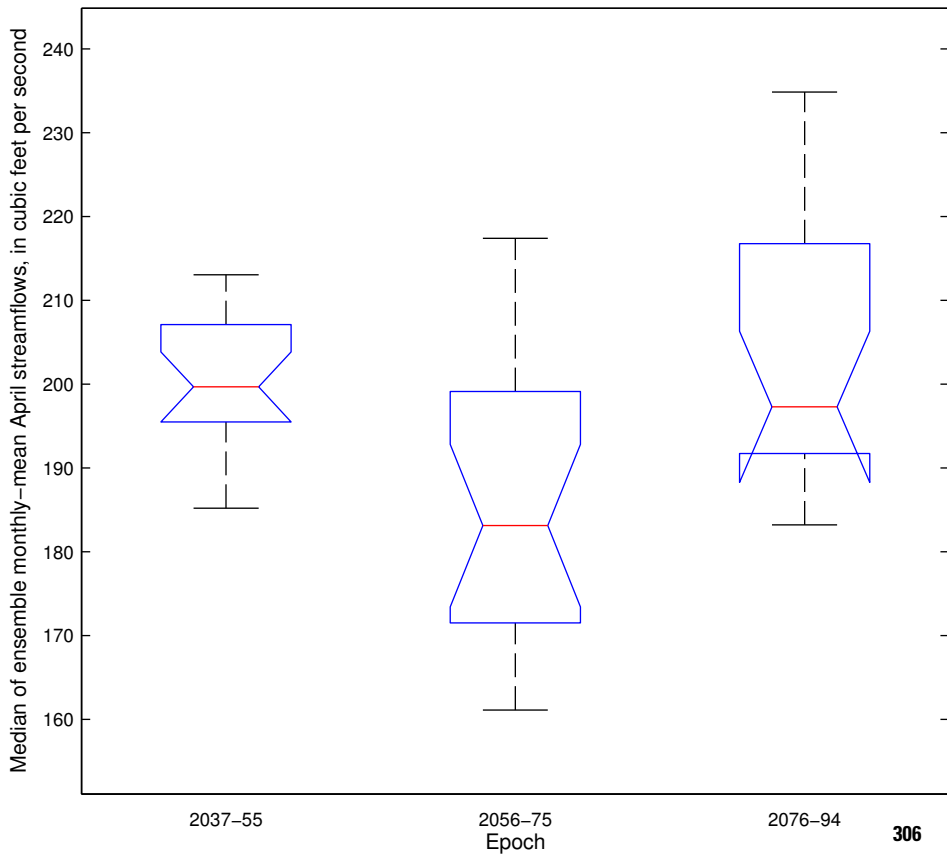




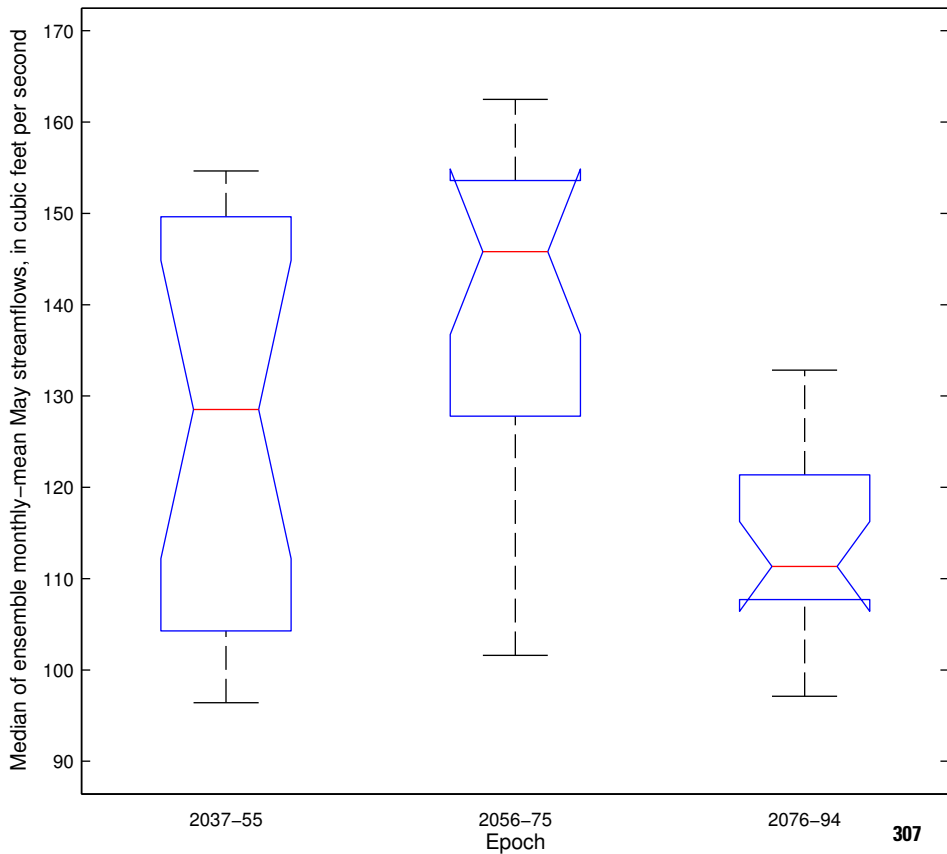
# LSCI – A1b Emission Simulation Results



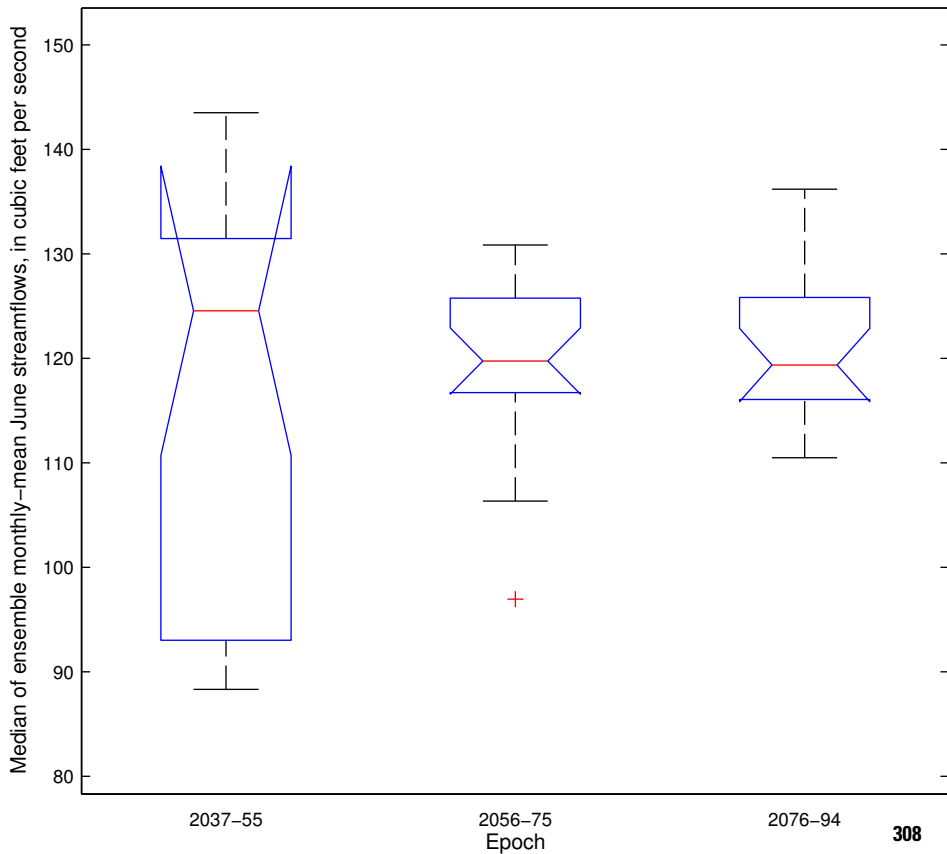
# LSCI – A1b Emission Simulation Results



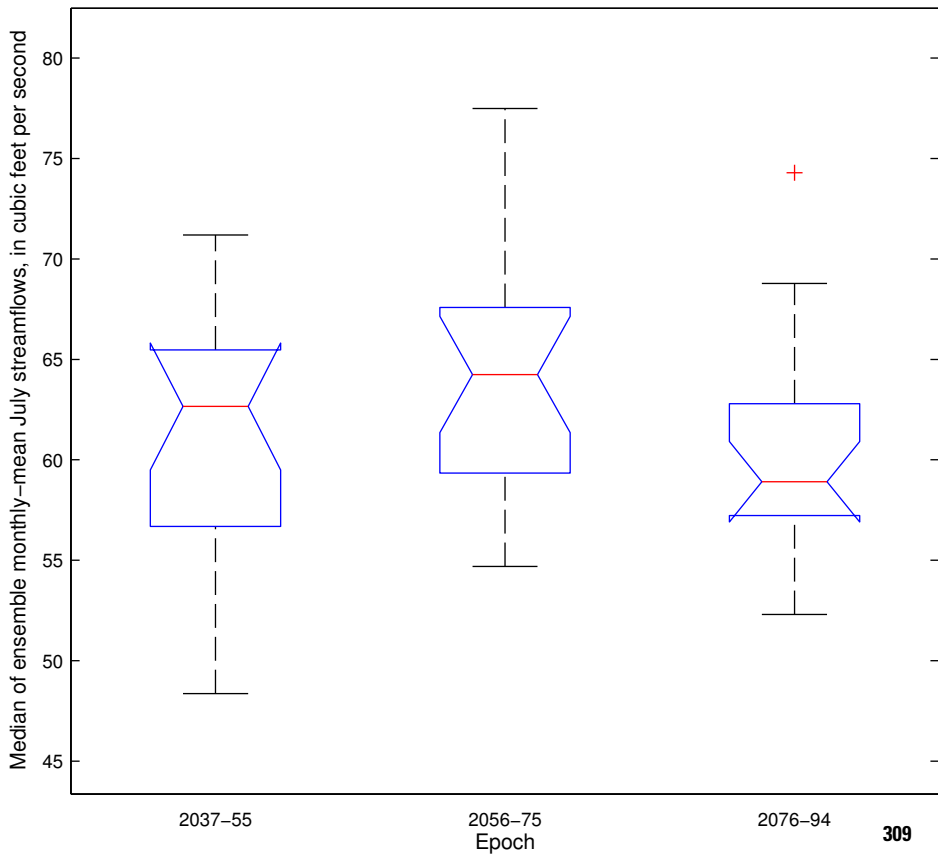
# LSCI – A1b Emission Simulation Results



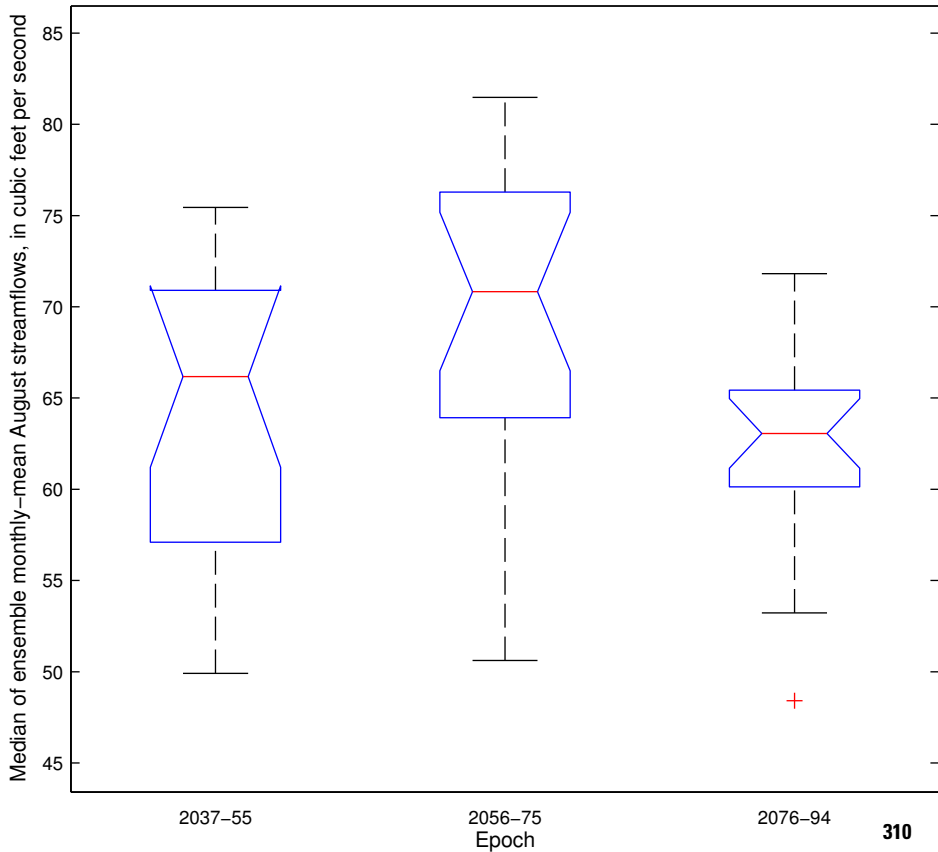
# LSCI – A1b Emission Simulation Results



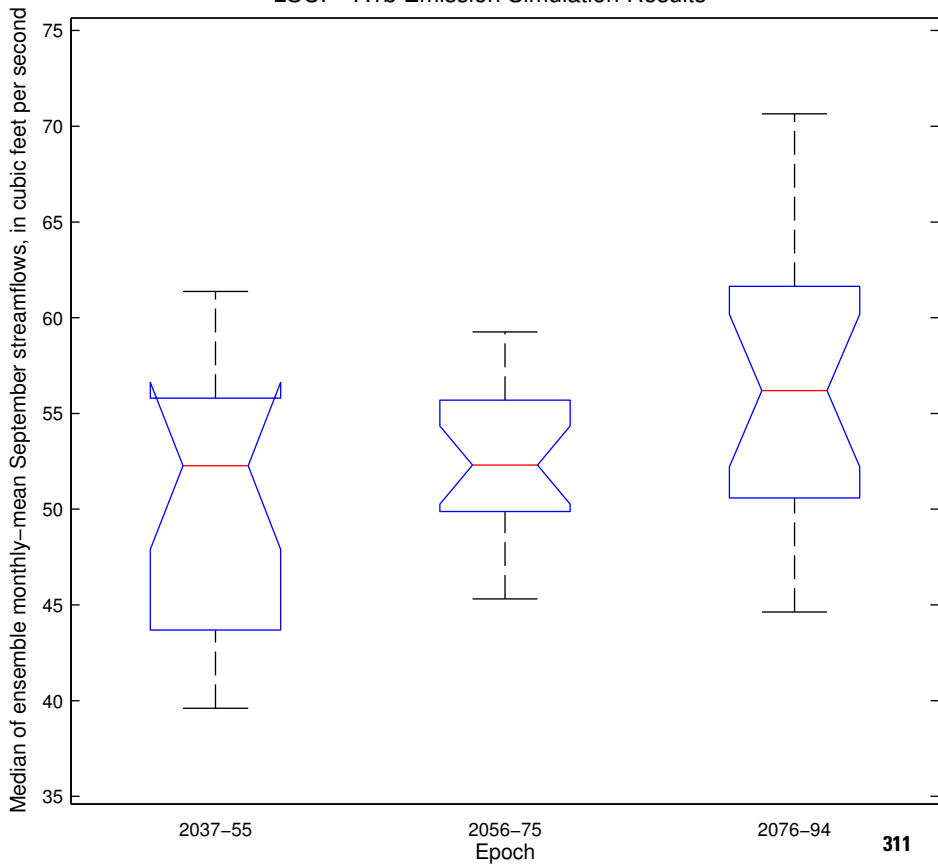
# LSCI – A1b Emission Simulation Results



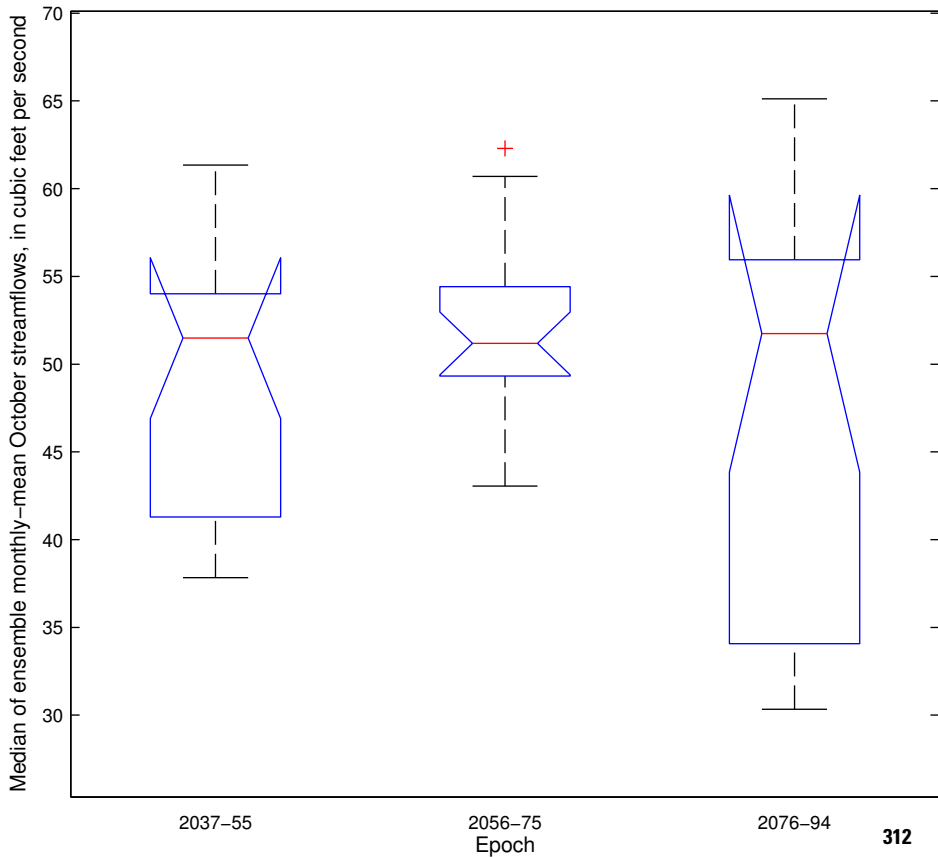
# LSCI – A1b Emission Simulation Results



# LSCI – A1b Emission Simulation Results

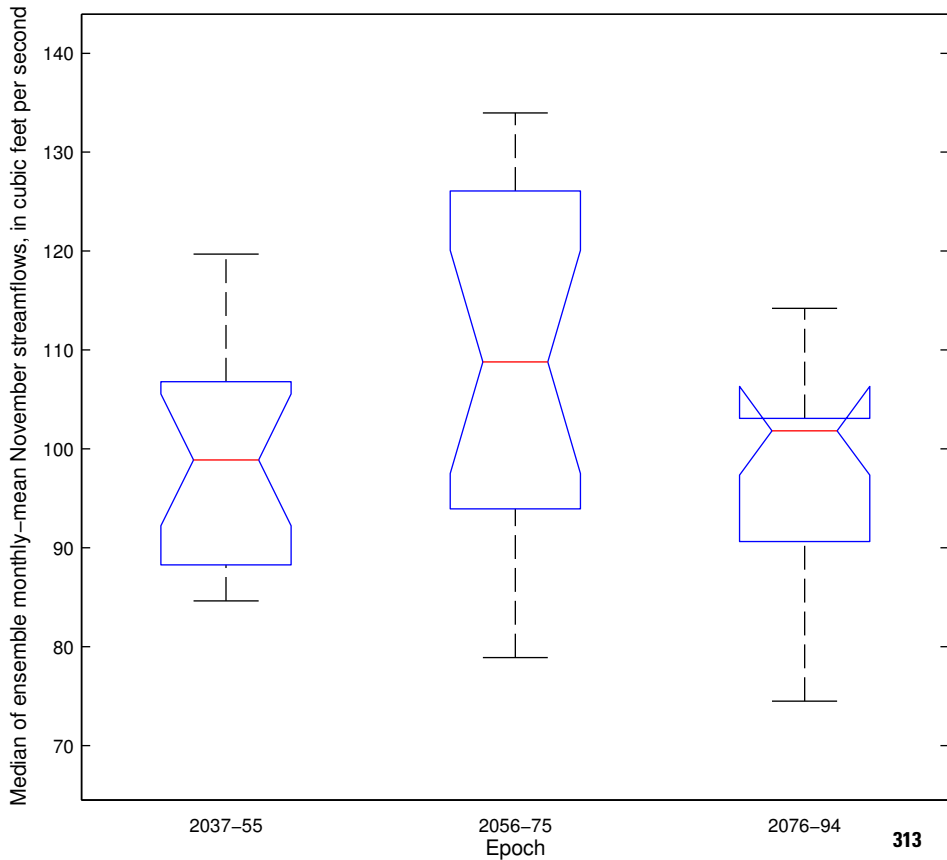


# LSCI – A1b Emission Simulation Results

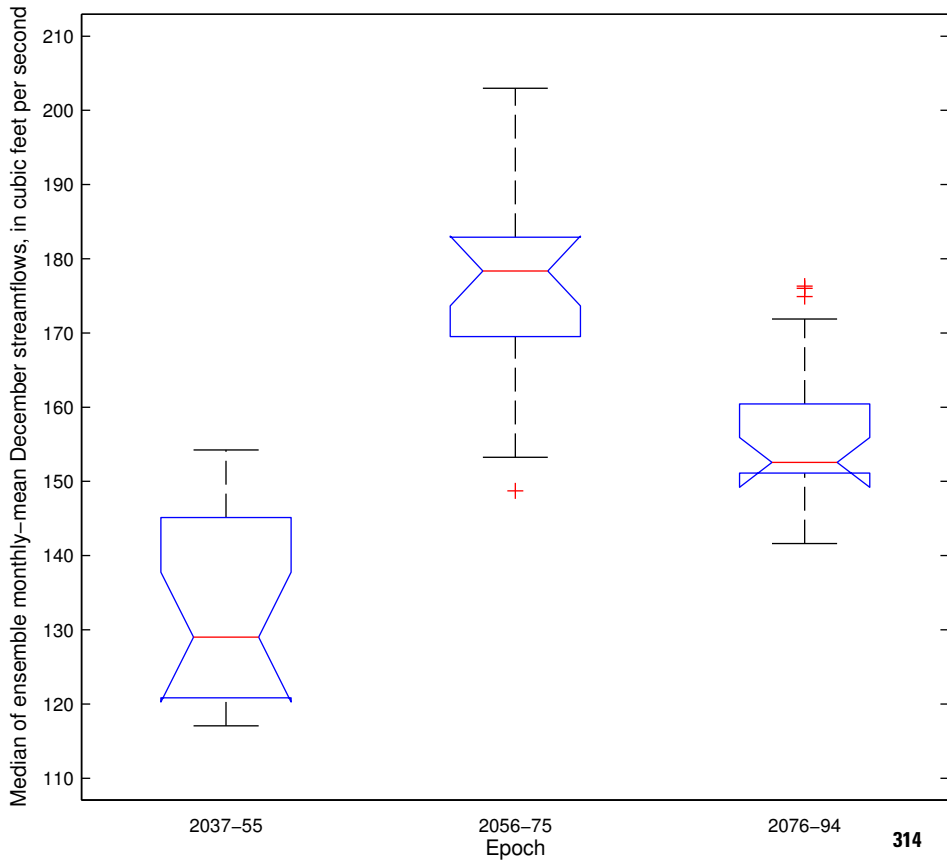




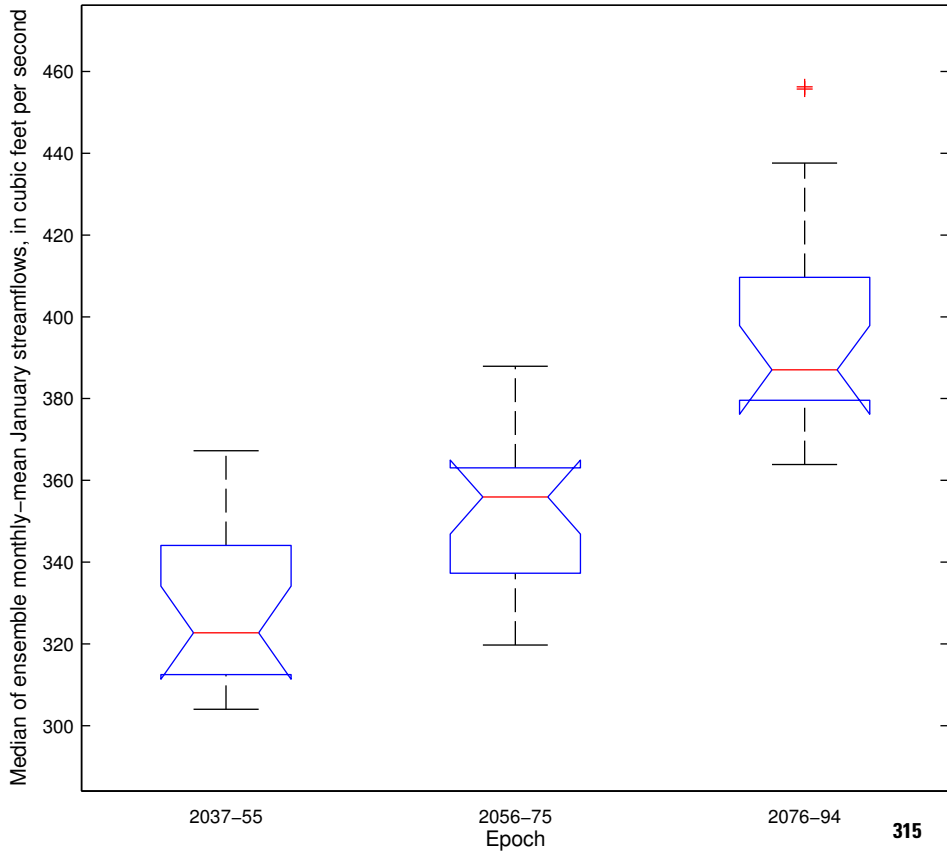
# LSCI – A1b Emission Simulation Results



# LSCI – A1b Emission Simulation Results



# MILL – A2 Emission Simulation Results



# MILL – A2 Emission Simulation Results

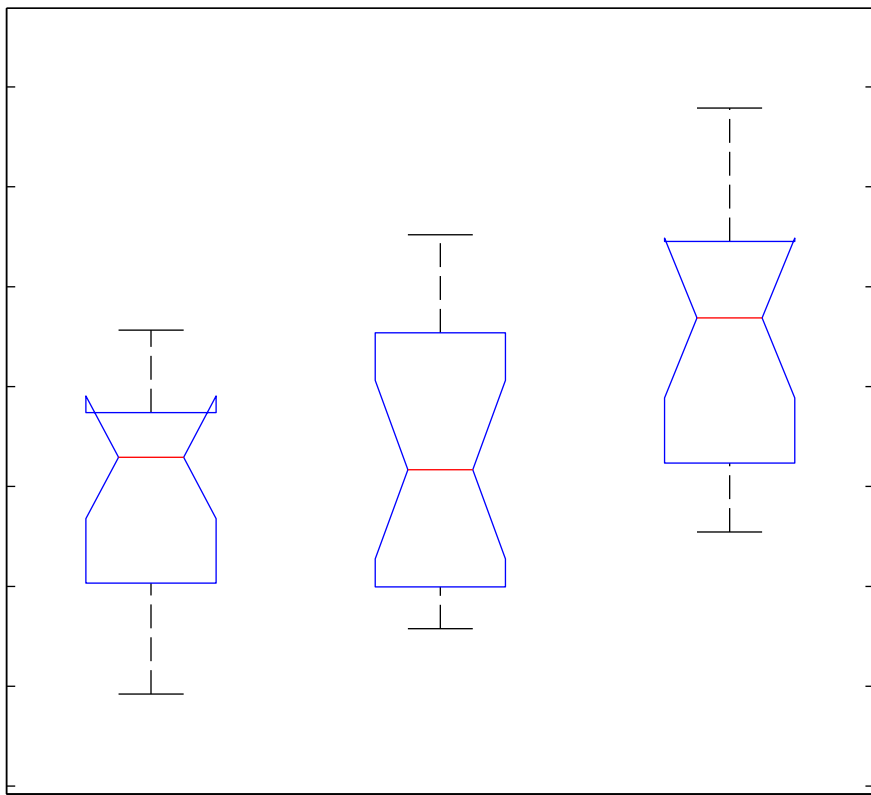
Median of ensemble monthly-mean February streamflows, in cubic feet per second

2037–55

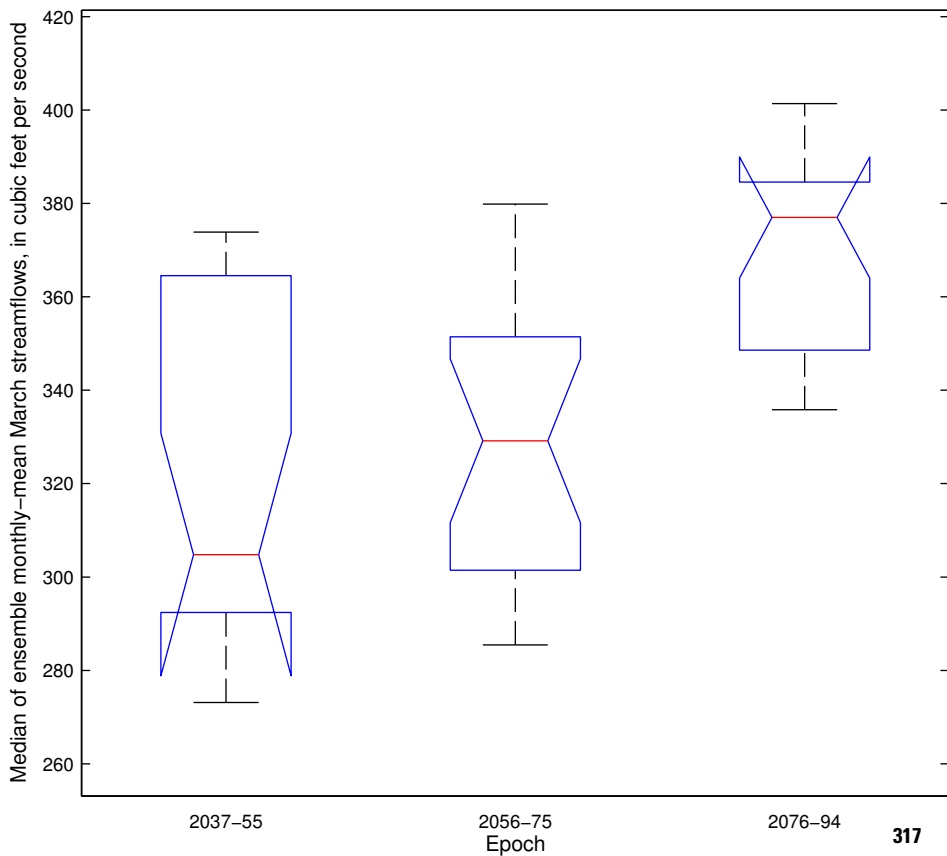
2056–75  
Epoch

2076–94

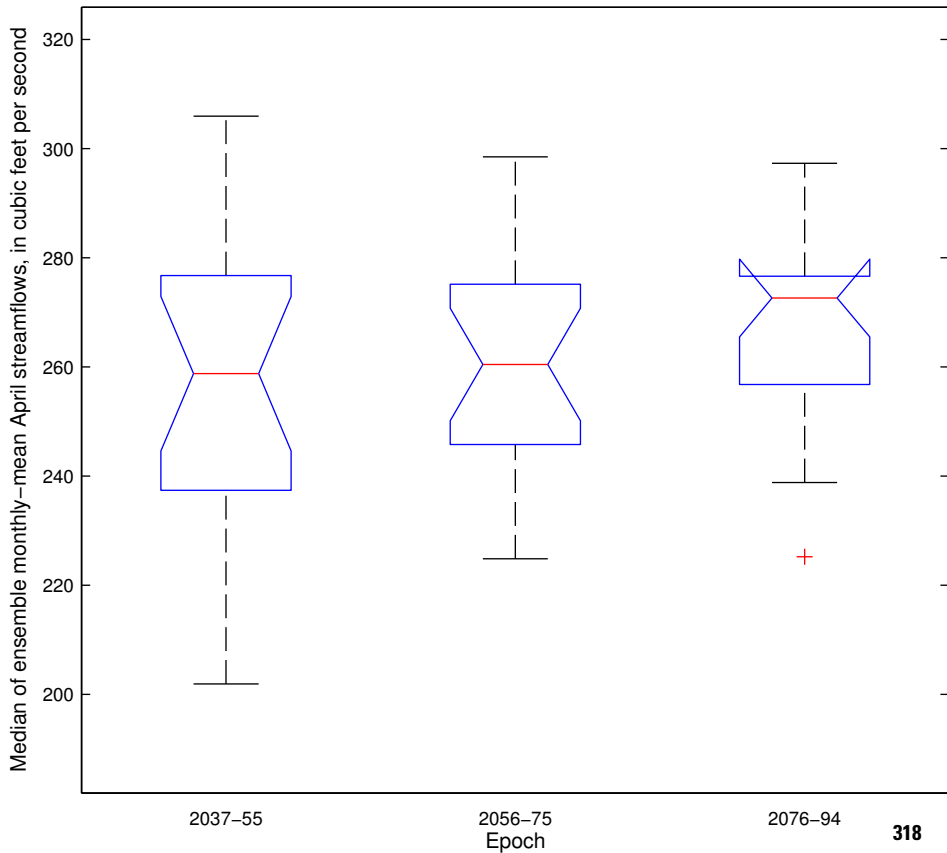
316



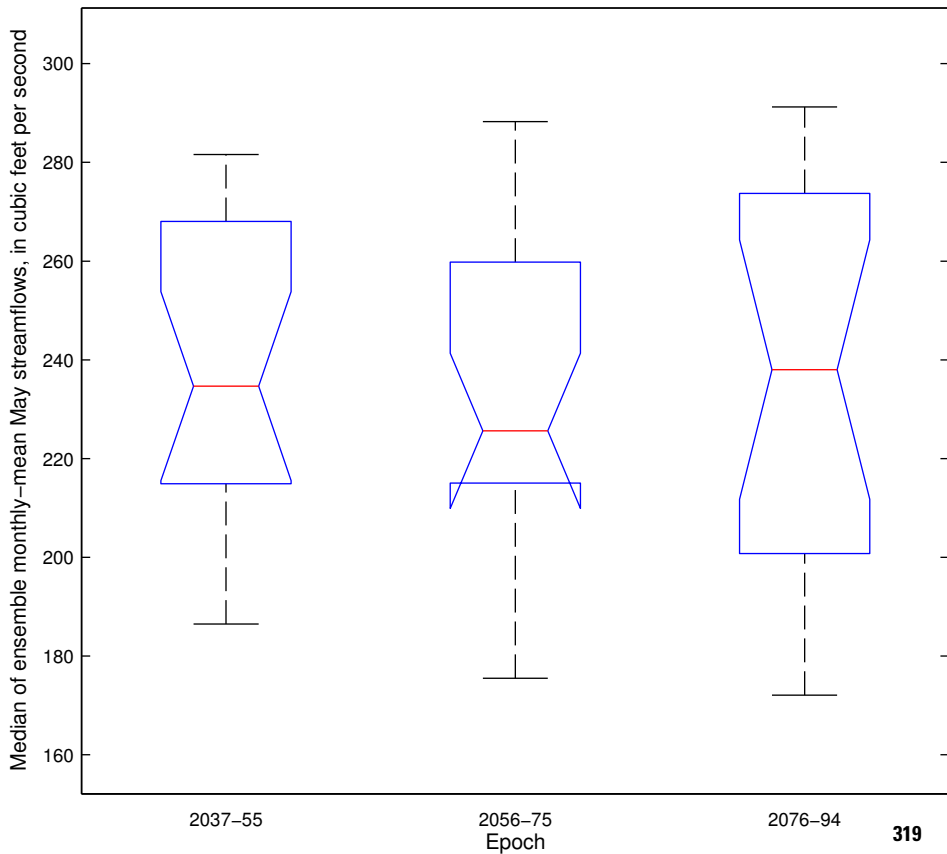
# MILL – A2 Emission Simulation Results



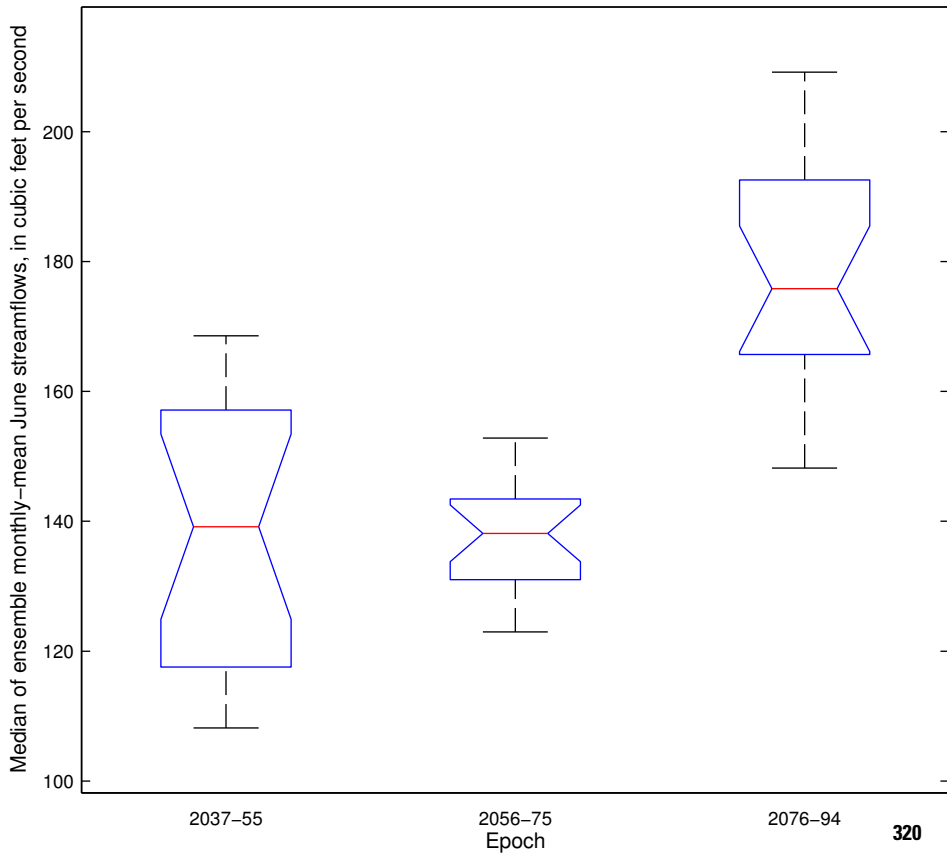
# MILL – A2 Emission Simulation Results



# MILL – A2 Emission Simulation Results

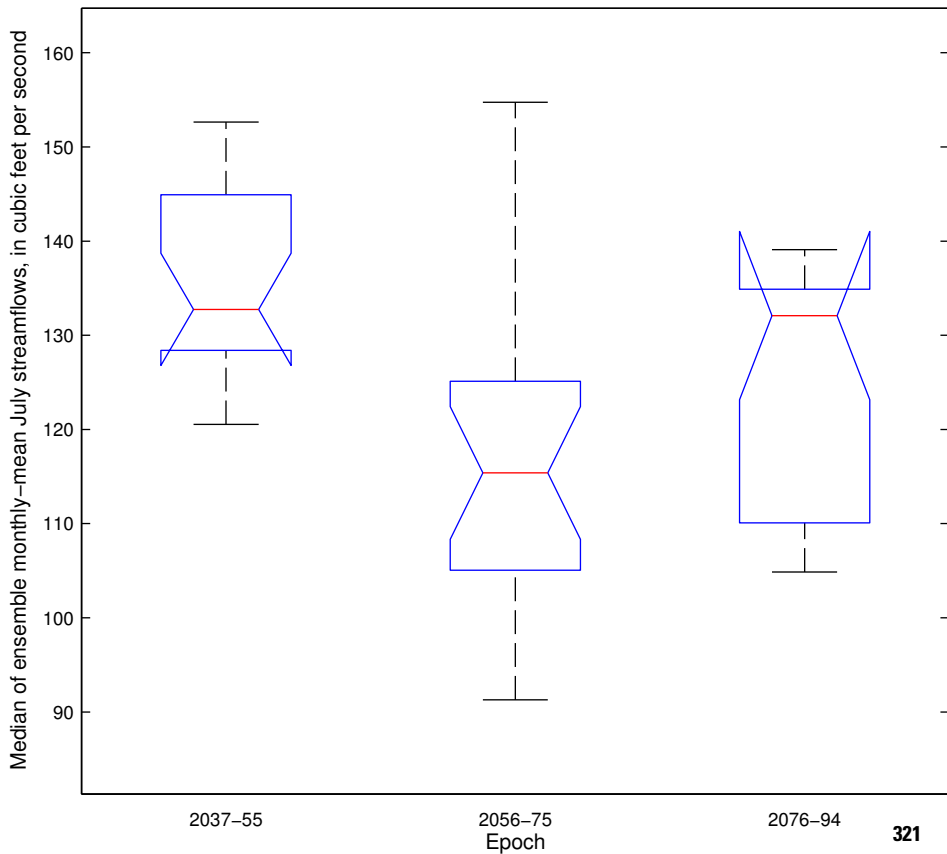


# MILL – A2 Emission Simulation Results



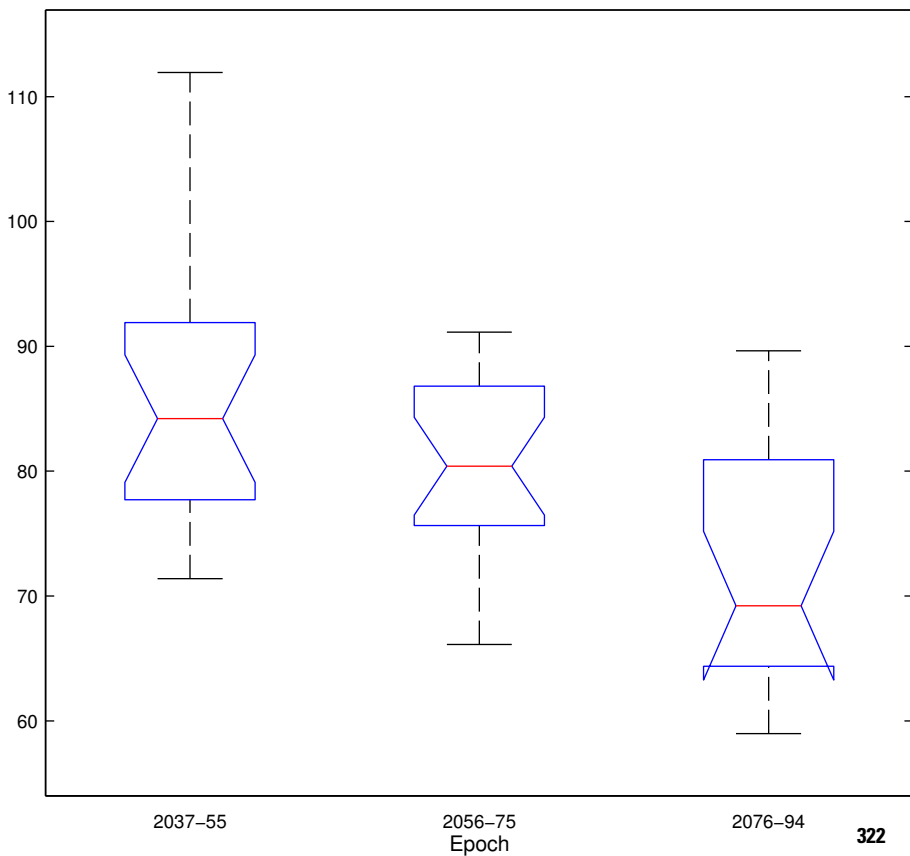


# MILL – A2 Emission Simulation Results

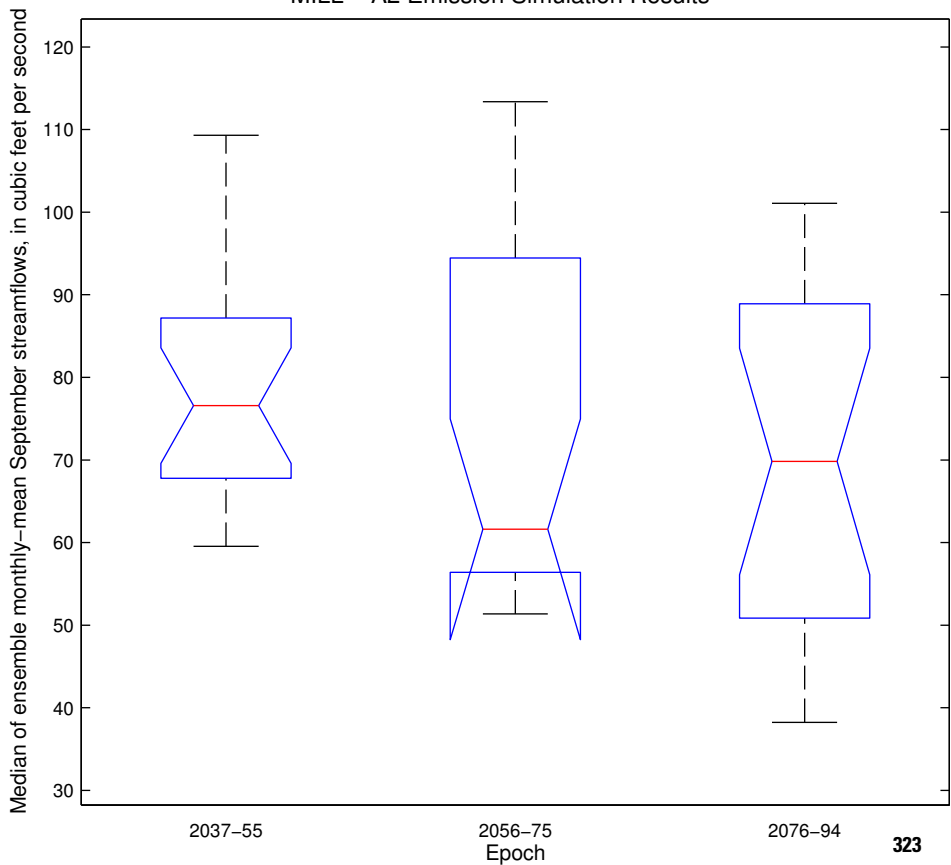


# MILL – A2 Emission Simulation Results

Median of ensemble monthly-mean August streamflows, in cubic feet per second

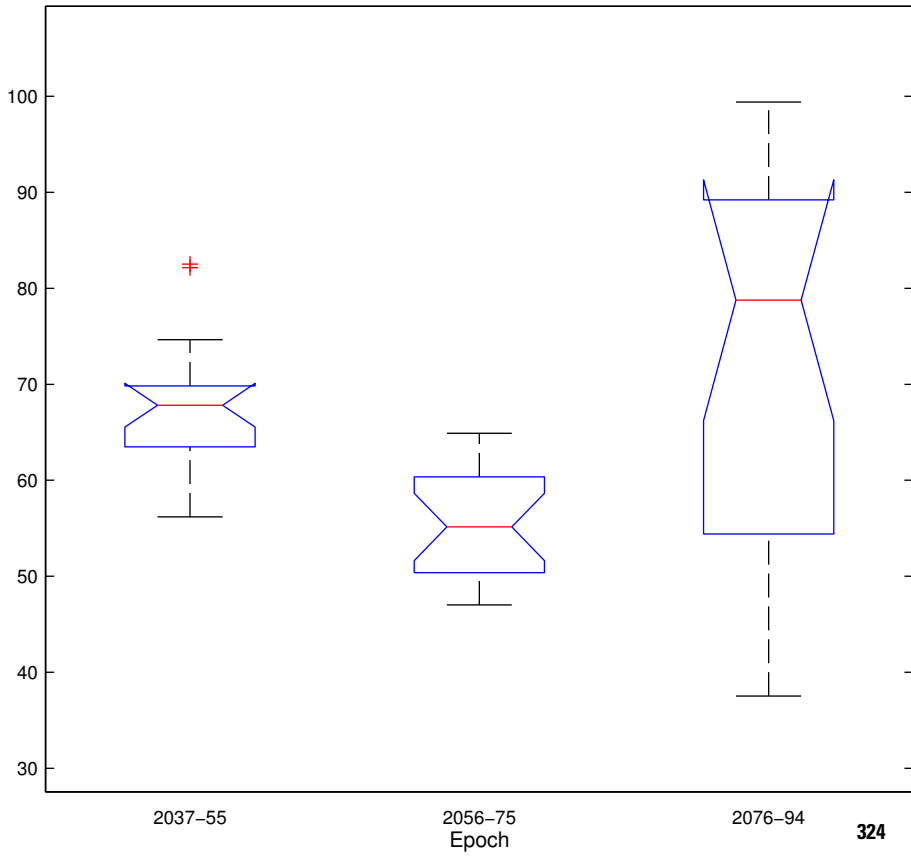


# MILL – A2 Emission Simulation Results

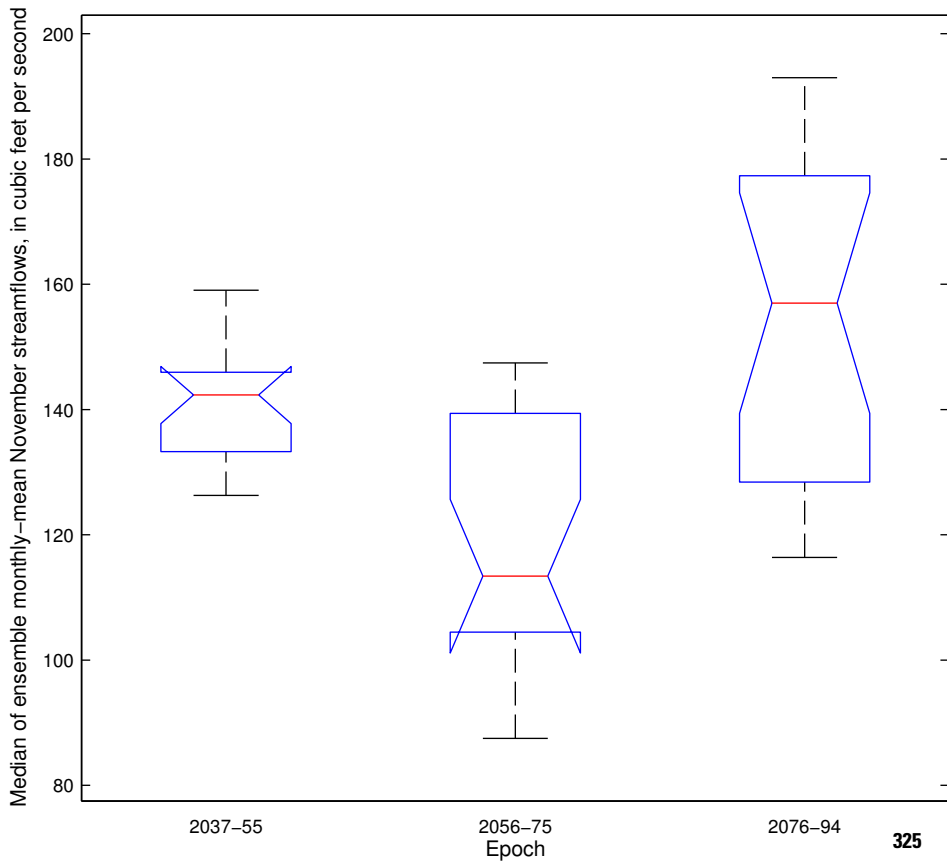


# MILL – A2 Emission Simulation Results

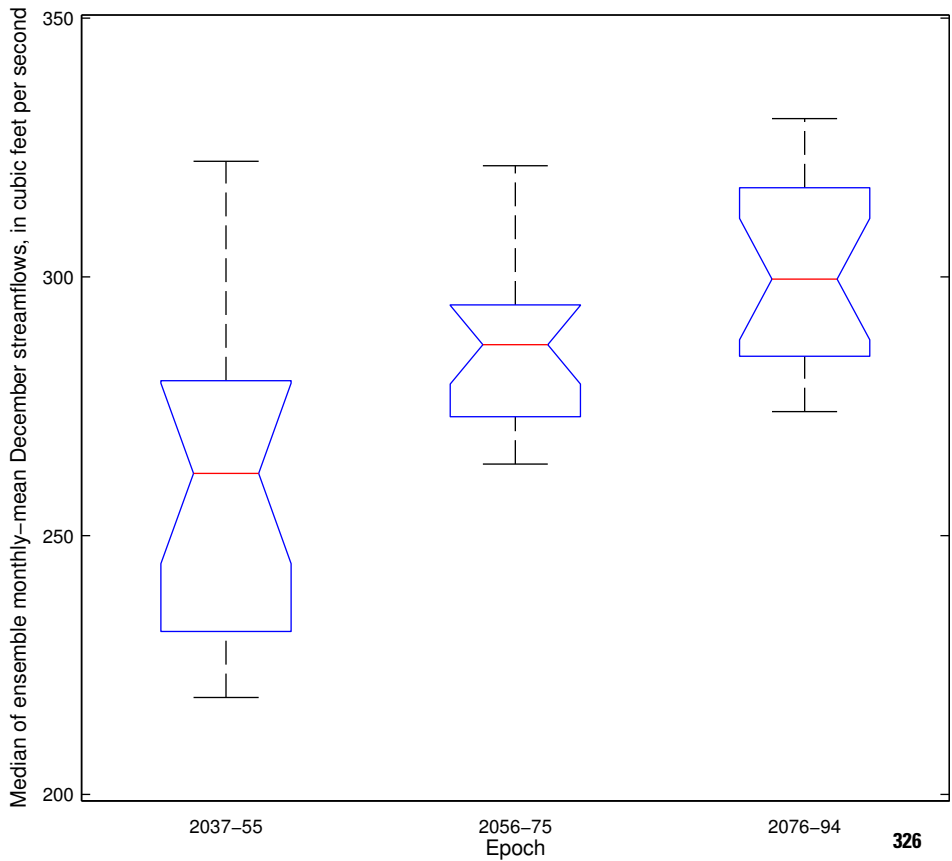
Median of ensemble monthly–mean October streamflows, in cubic feet per second



# MILL – A2 Emission Simulation Results



# MILL – A2 Emission Simulation Results



# MILL – A1b Emission Simulation Results

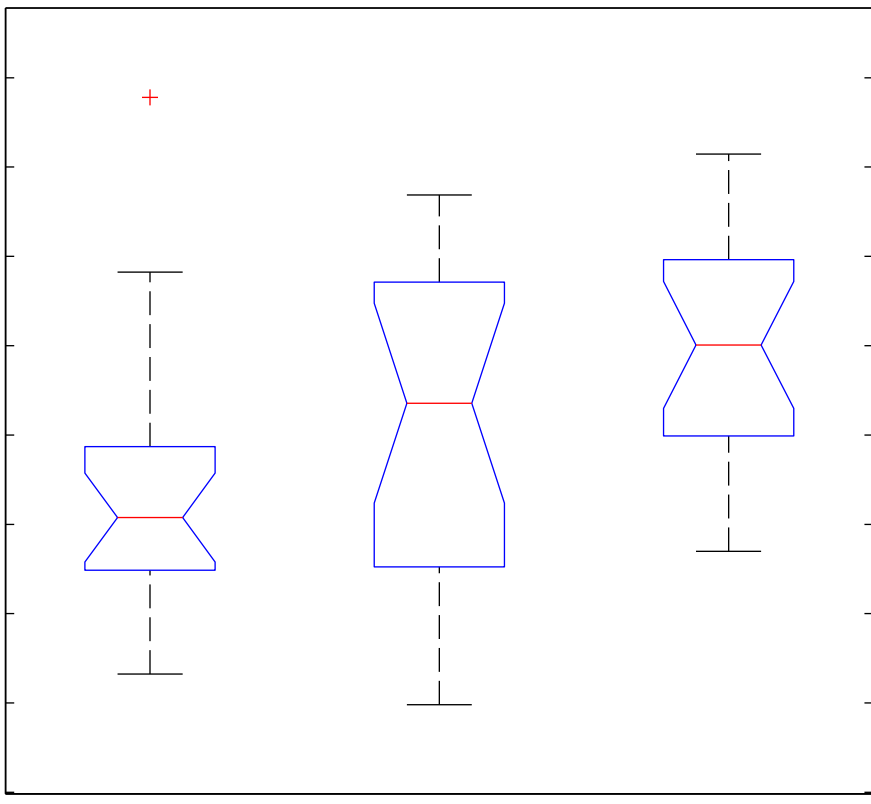
Median of ensemble monthly–mean January streamflows, in cubic feet per second

2037–55

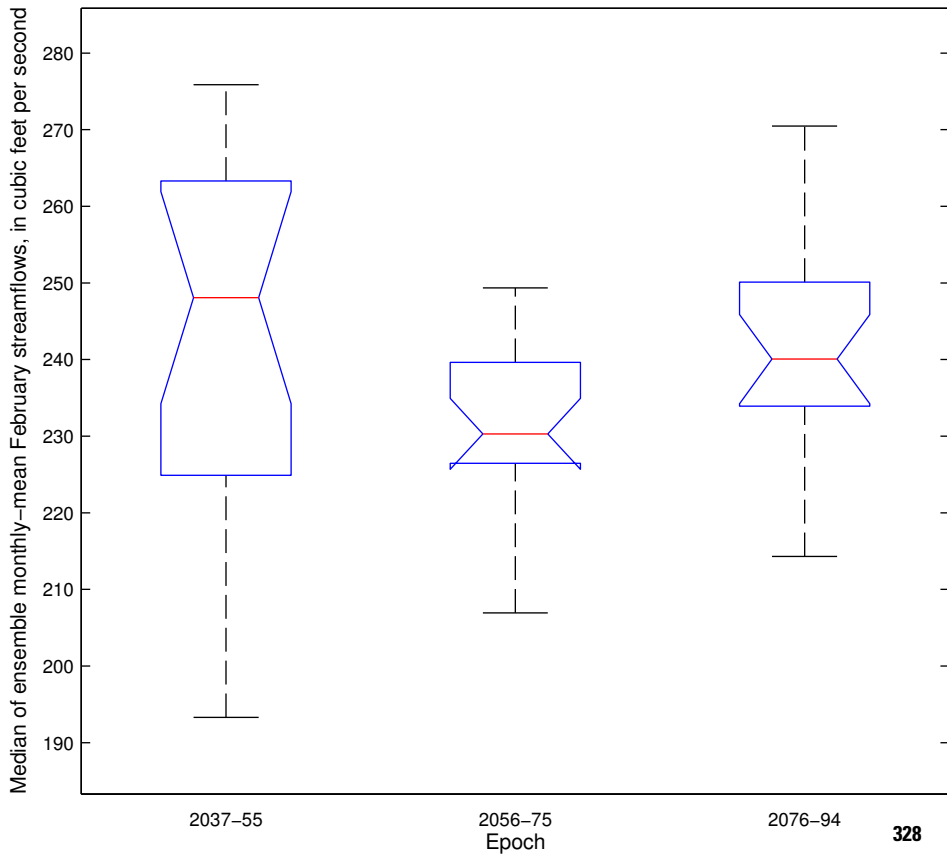
2056–75  
Epoch

2076–94

**327**

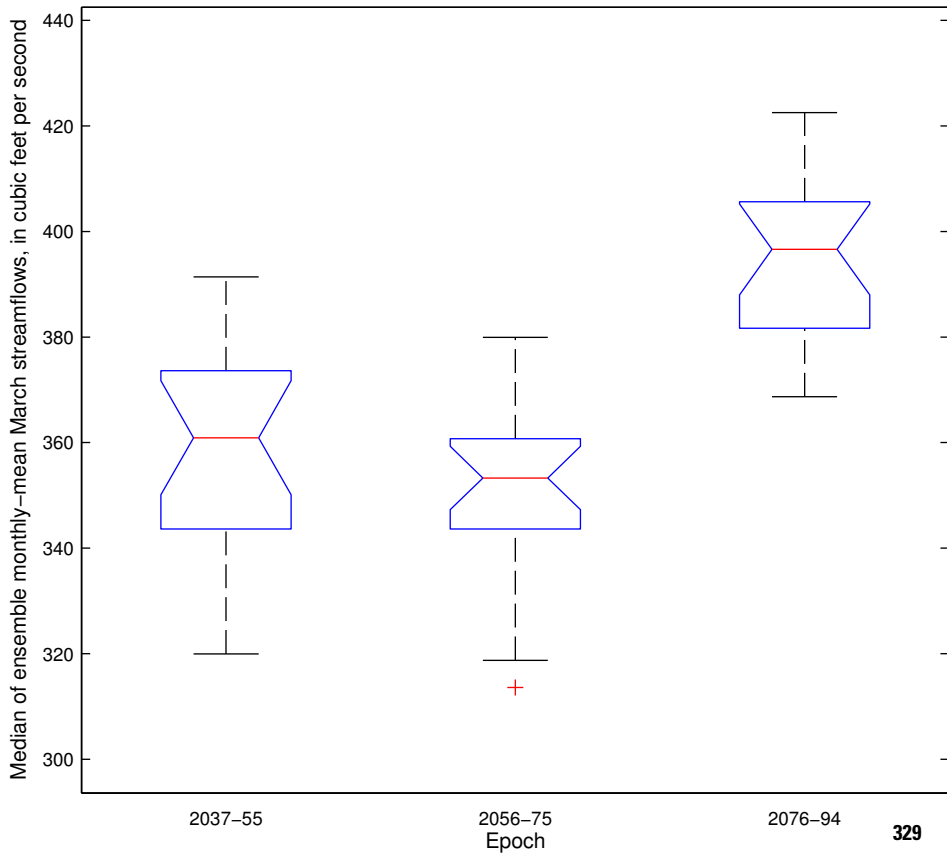


## MILL – A1b Emission Simulation Results

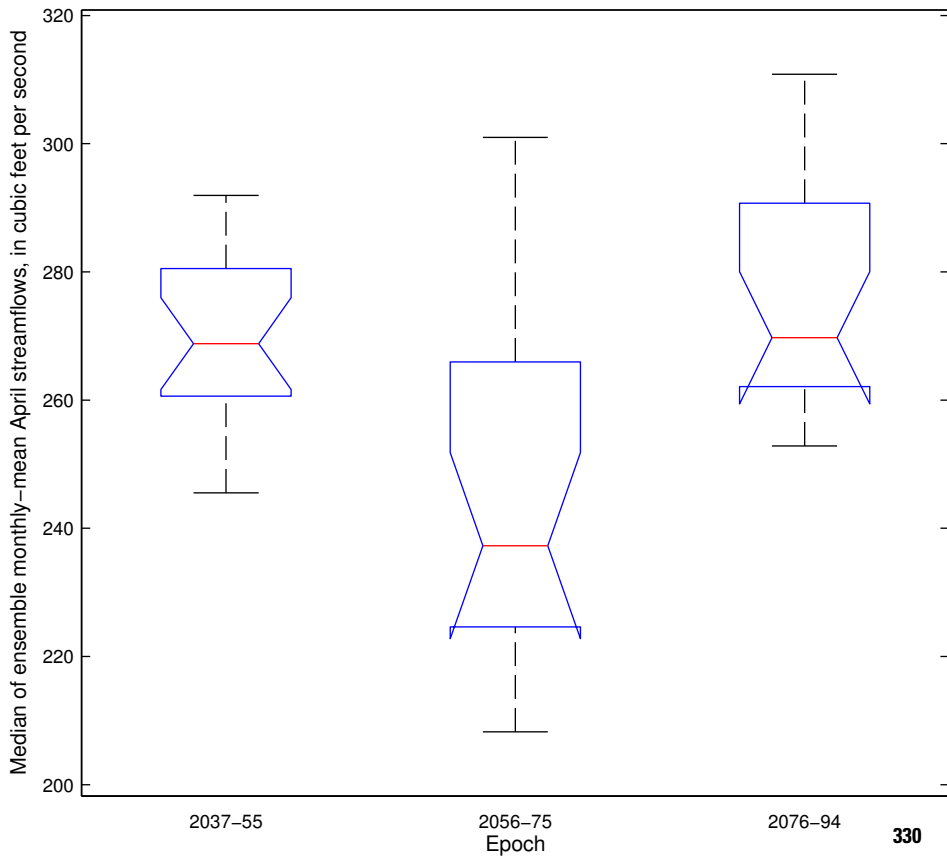




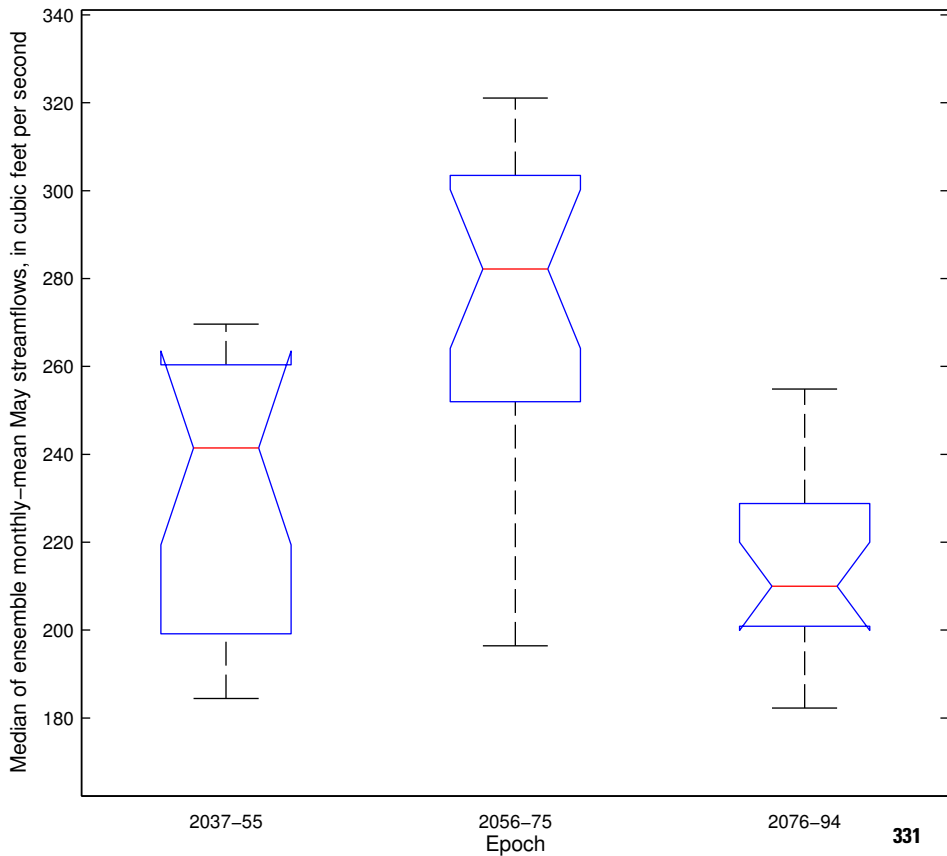
# MILL – A1b Emission Simulation Results



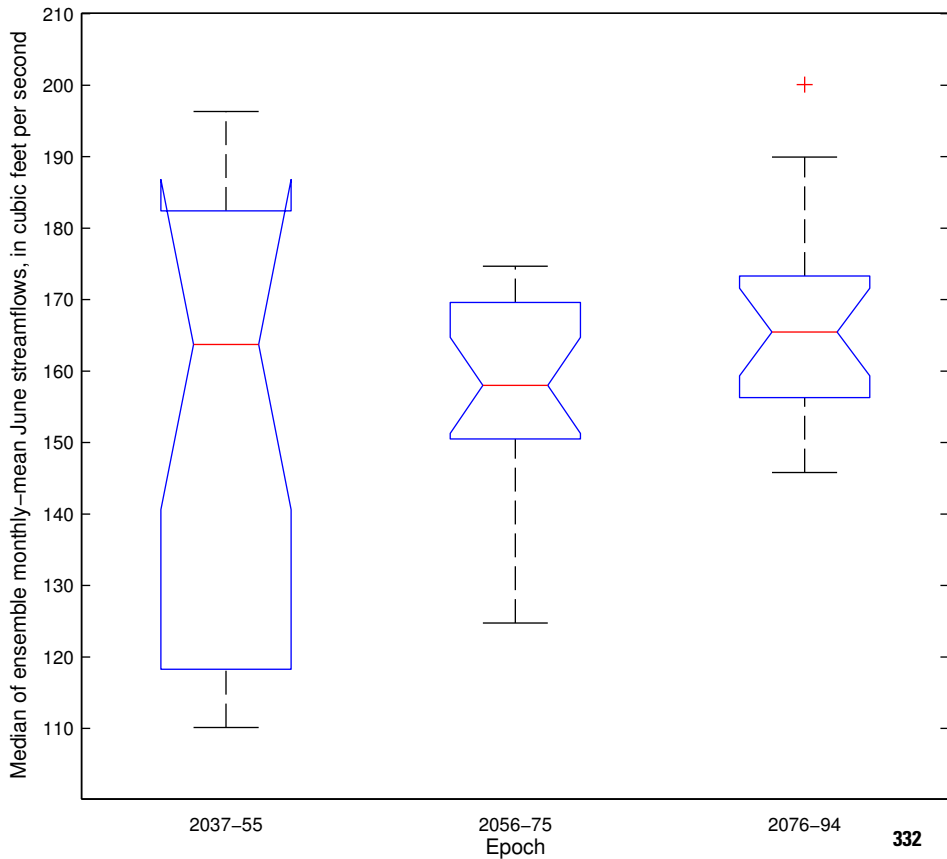
# MILL – A1b Emission Simulation Results



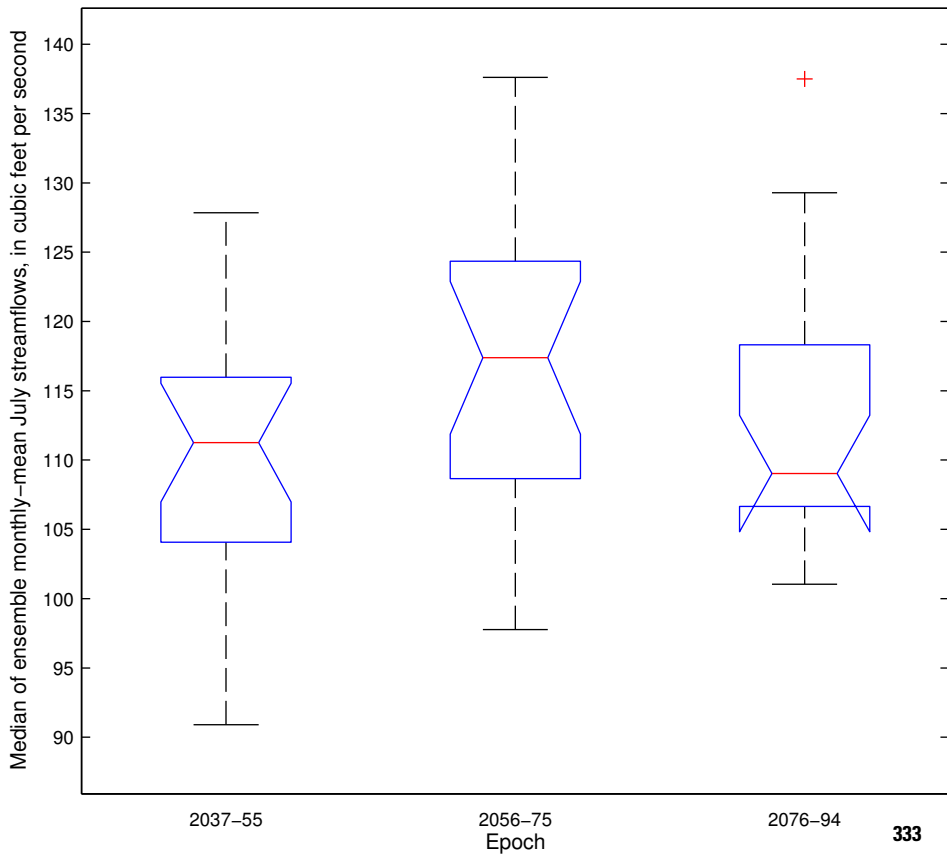
# MILL – A1b Emission Simulation Results



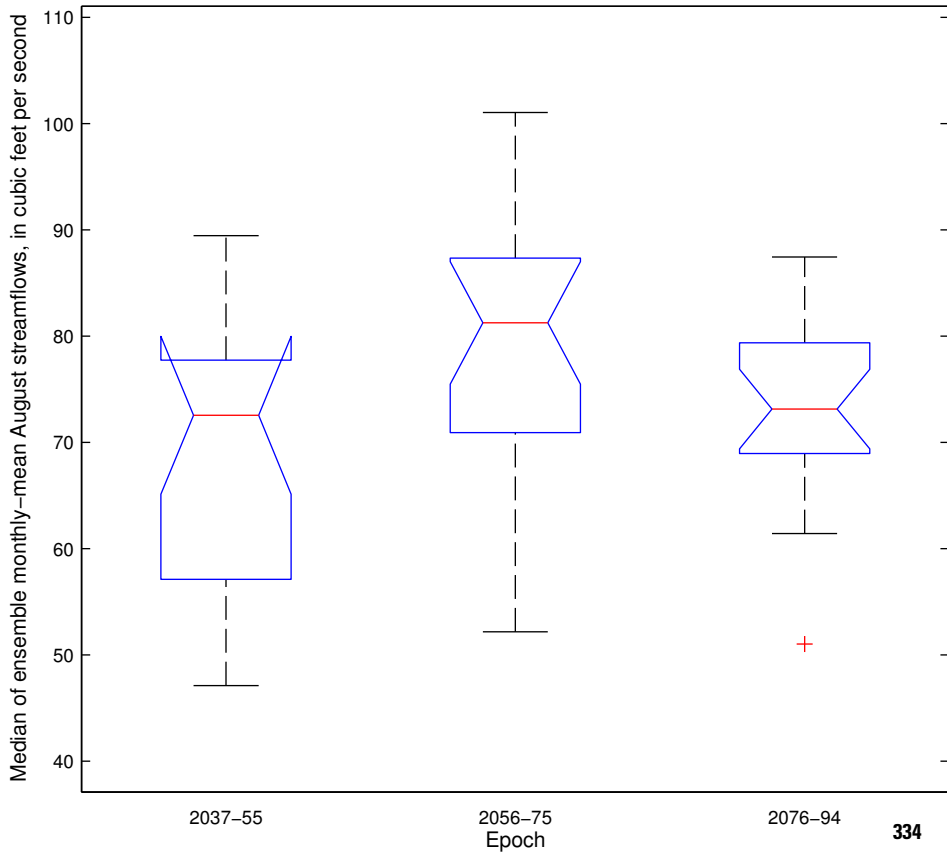
# MILL – A1b Emission Simulation Results



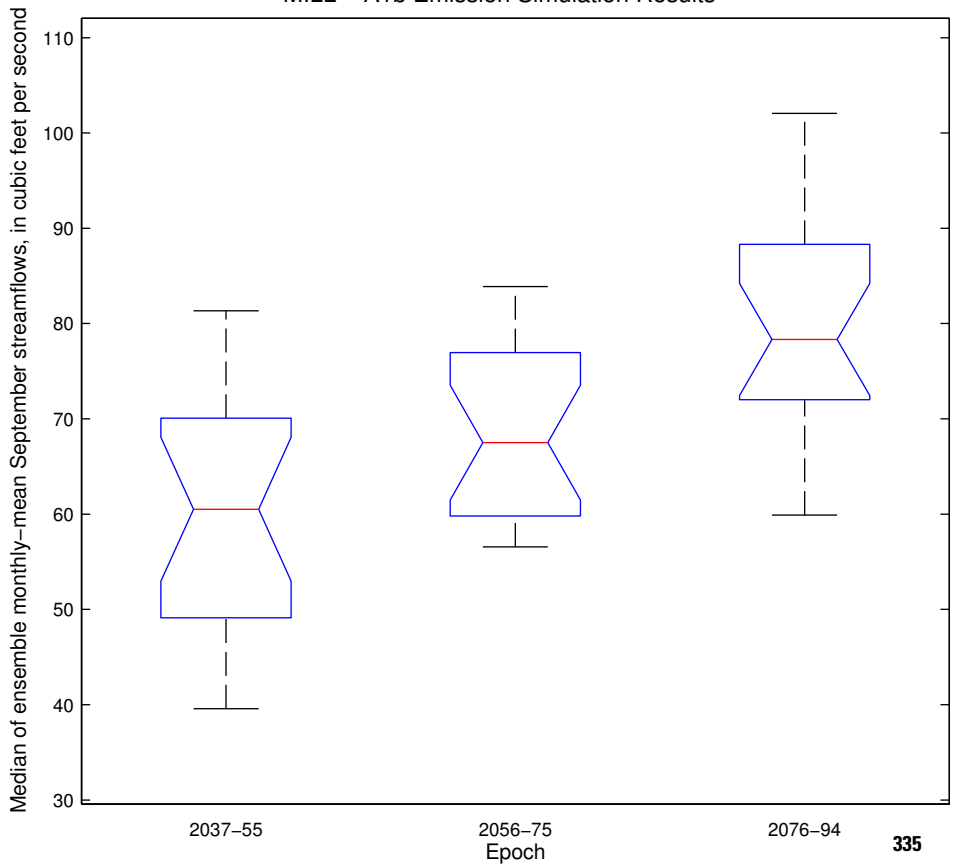
# MILL – A1b Emission Simulation Results



# MILL – A1b Emission Simulation Results



# MILL – A1b Emission Simulation Results



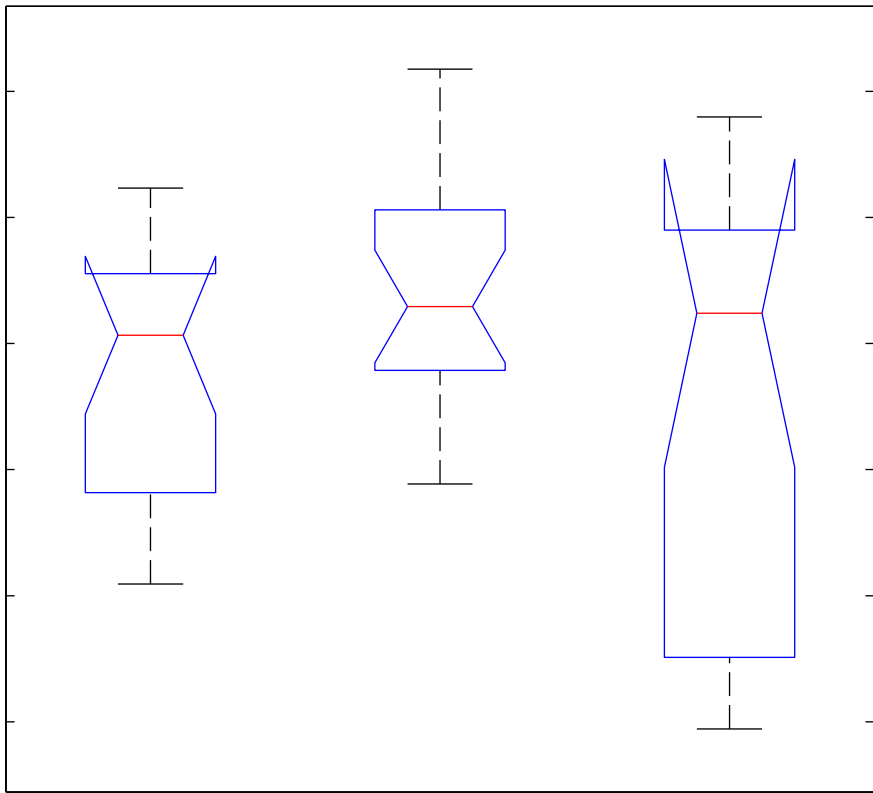
# MILL – A1b Emission Simulation Results

Median of ensemble monthly-mean October streamflows, in cubic feet per second

2037–55

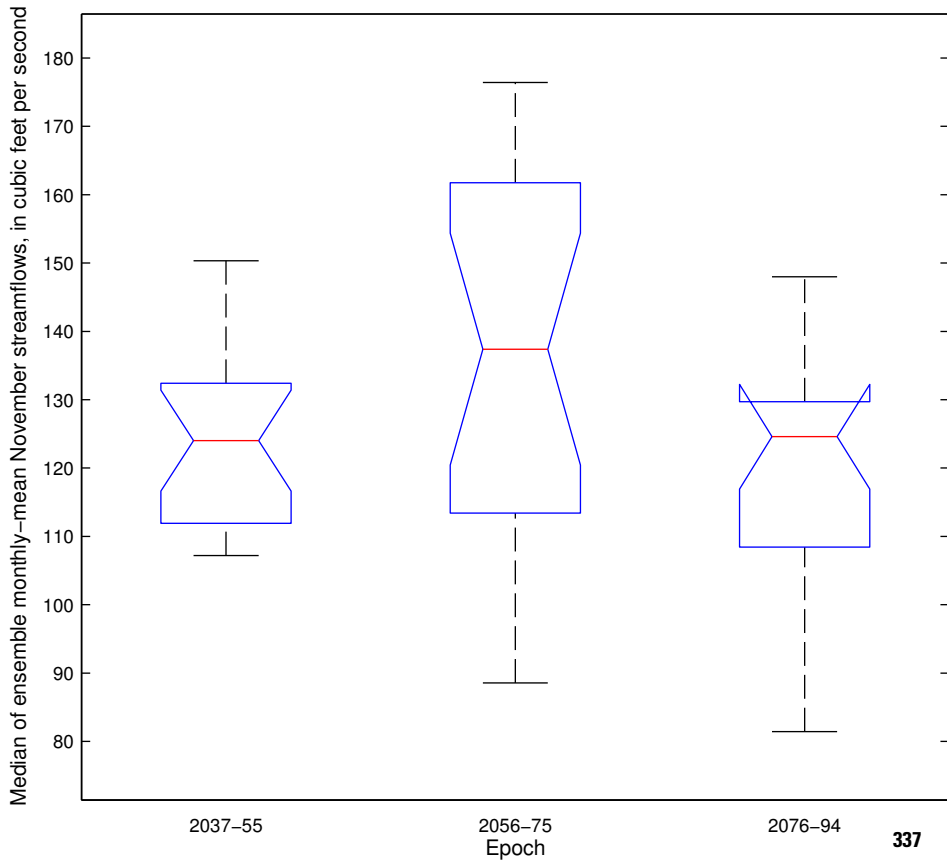
2056–75  
Epoch

2076–94



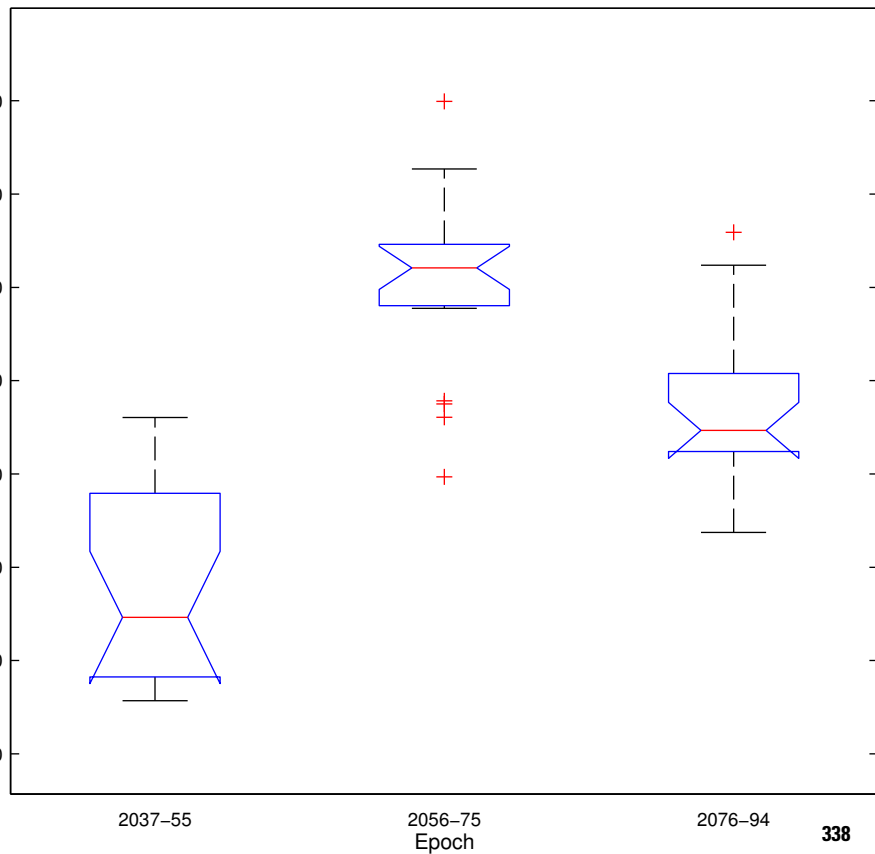


# MILL – A1b Emission Simulation Results

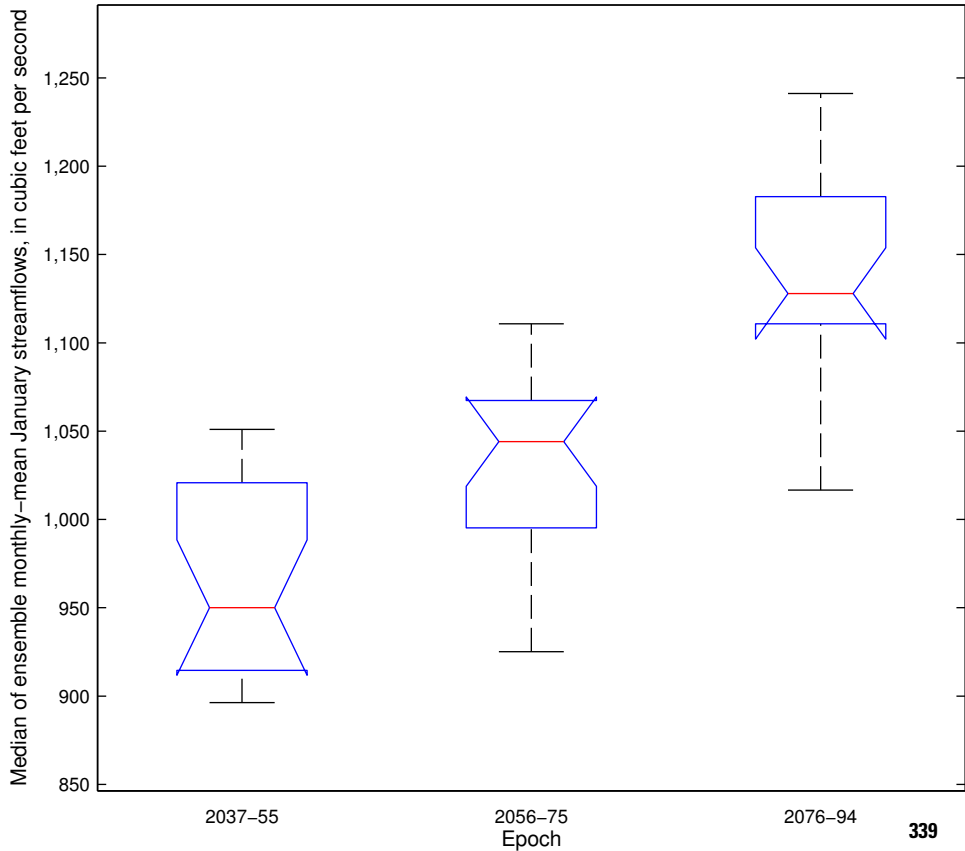


# MILL – A1b Emission Simulation Results

Median of ensemble monthly-mean December streamflows, in cubic feet per second

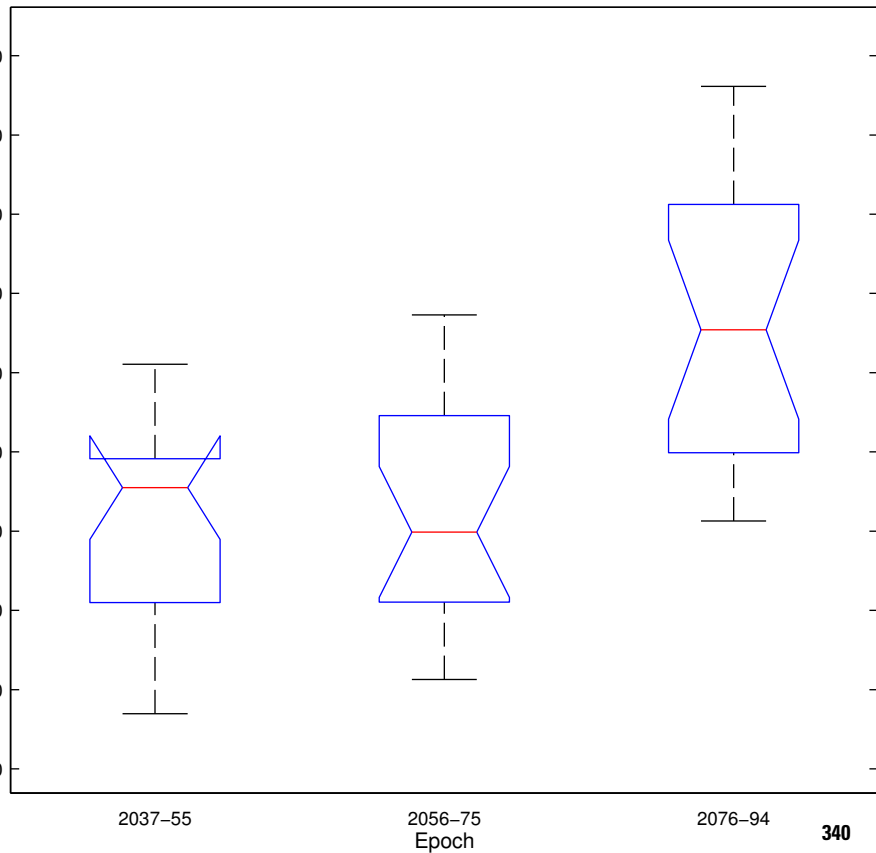


# OLEN – A2 Emission Simulation Results



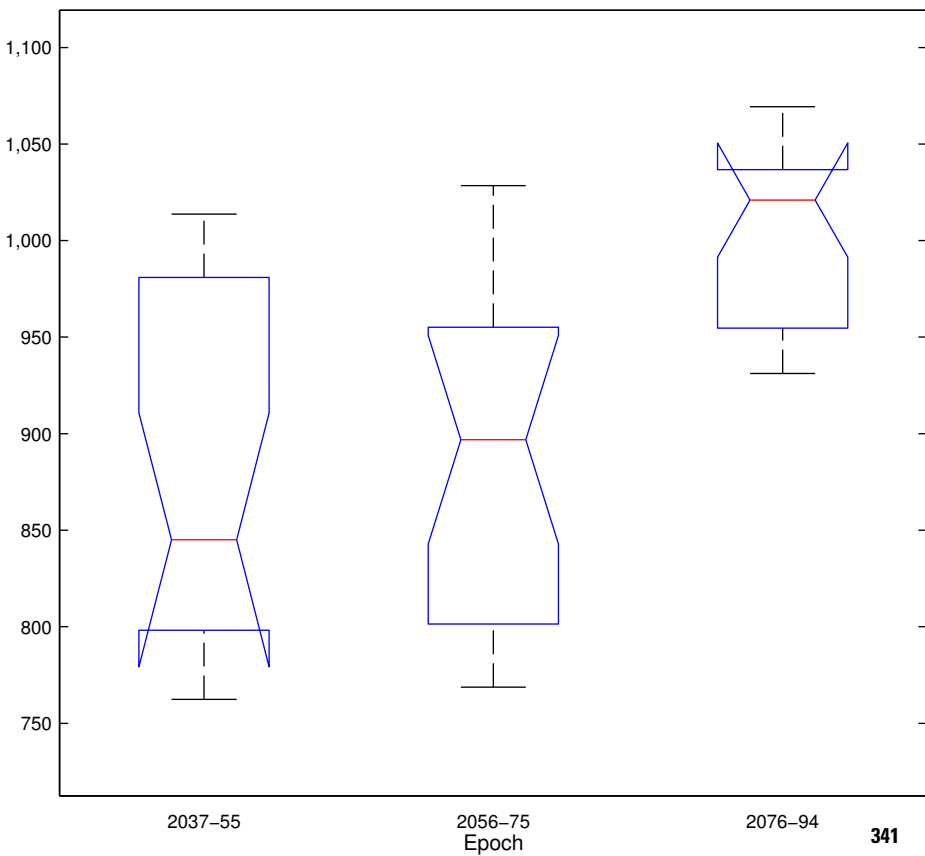
# OLEN – A2 Emission Simulation Results

Median of ensemble monthly-mean February streamflows, in cubic feet per second

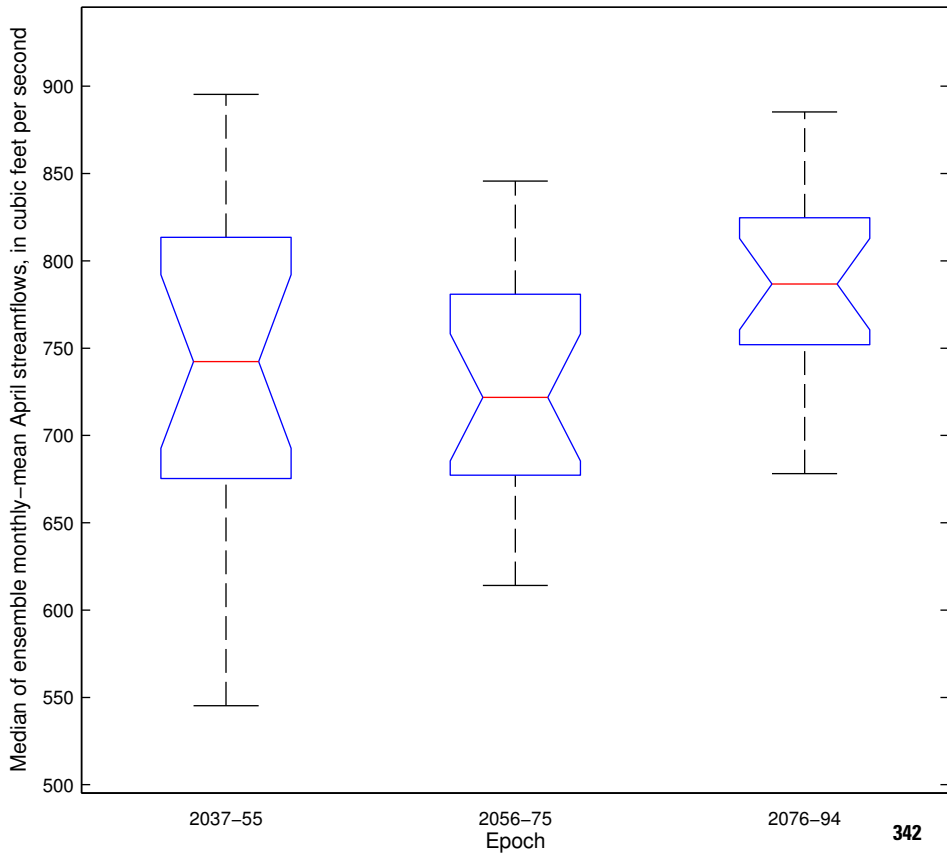


# OLEN – A2 Emission Simulation Results

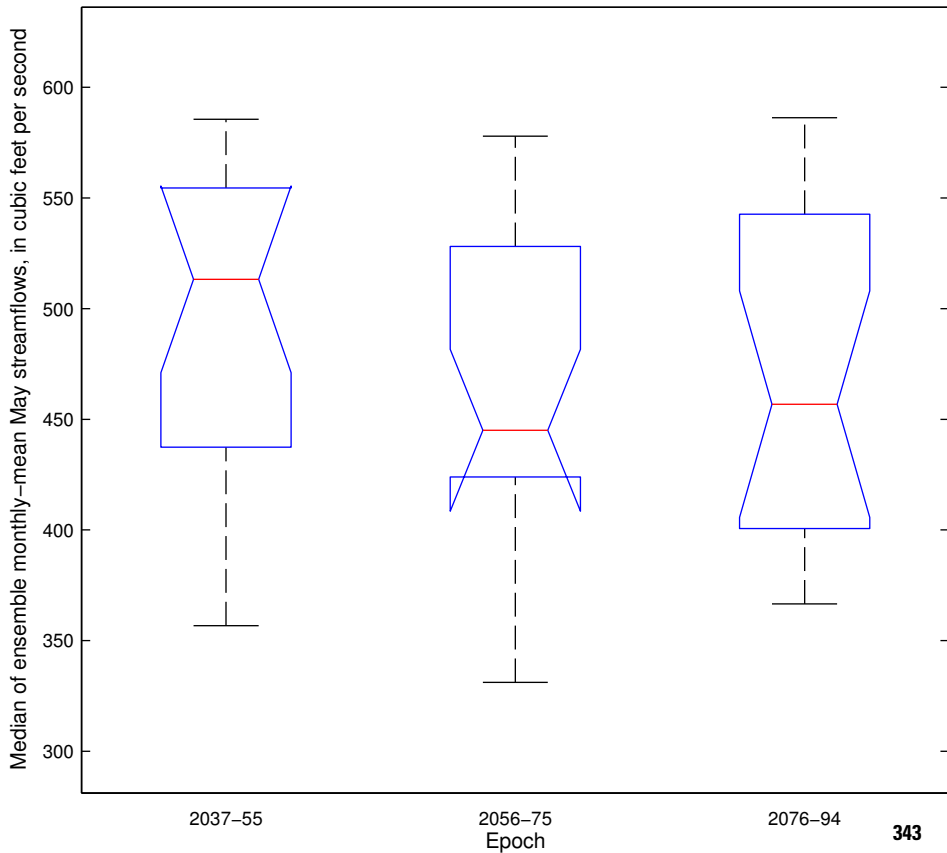
Median of ensemble monthly-mean March streamflows, in cubic feet per second



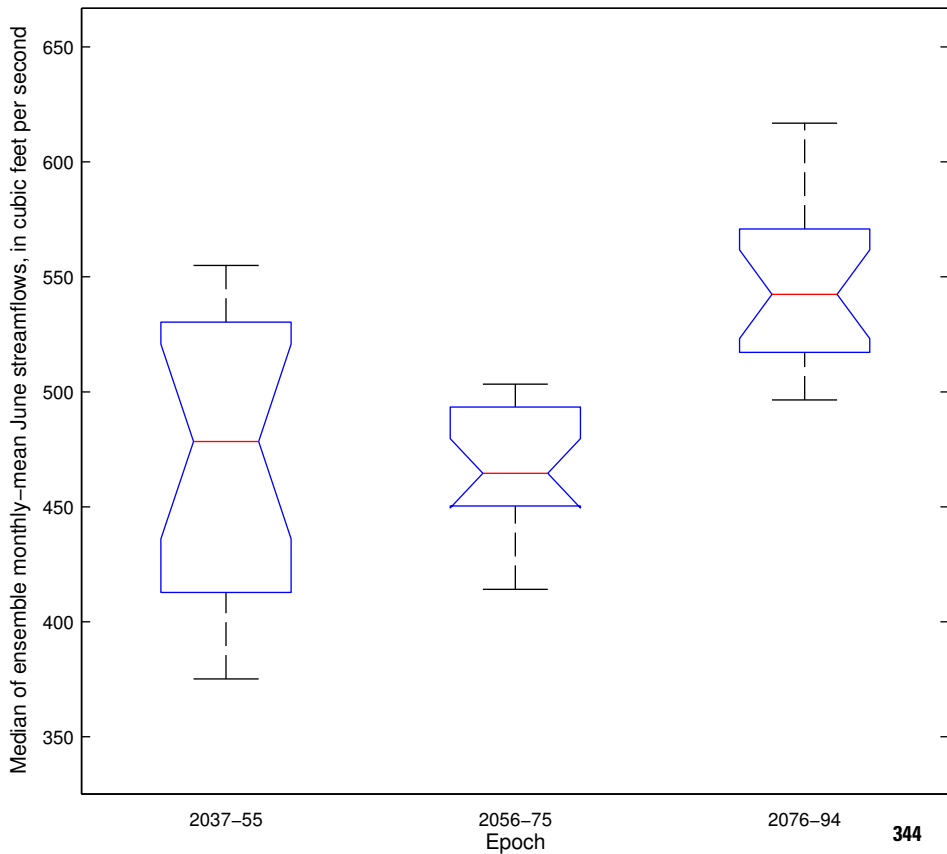
## OLEN – A2 Emission Simulation Results



# OLEN – A2 Emission Simulation Results

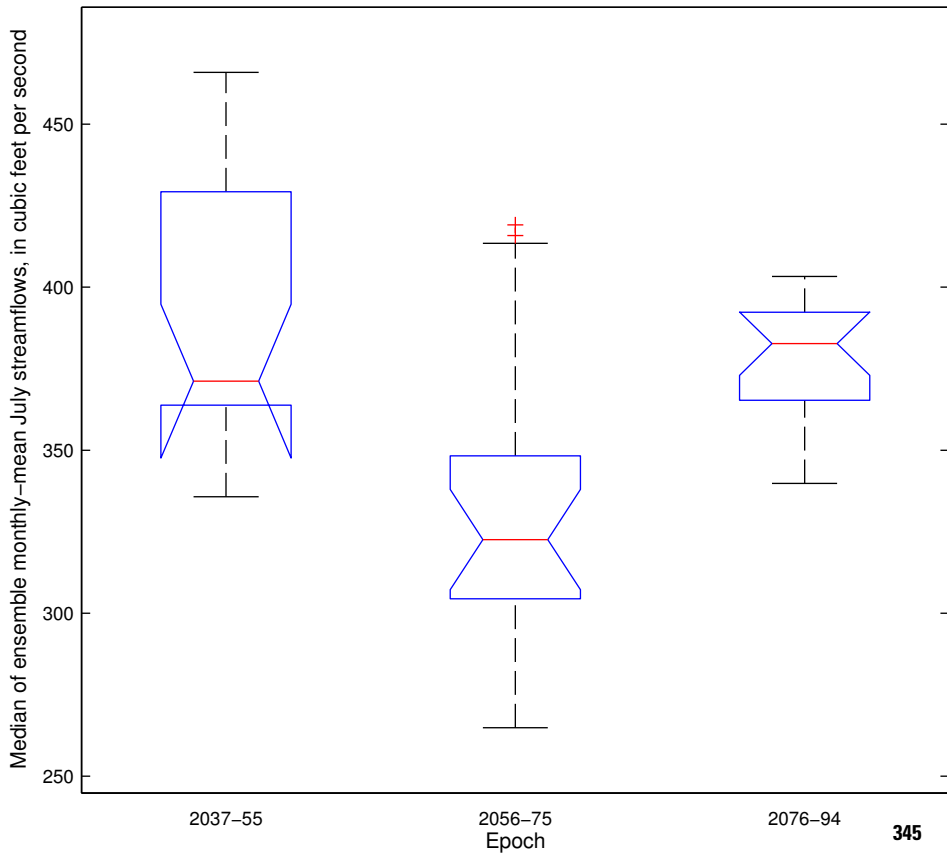


# OLEN – A2 Emission Simulation Results



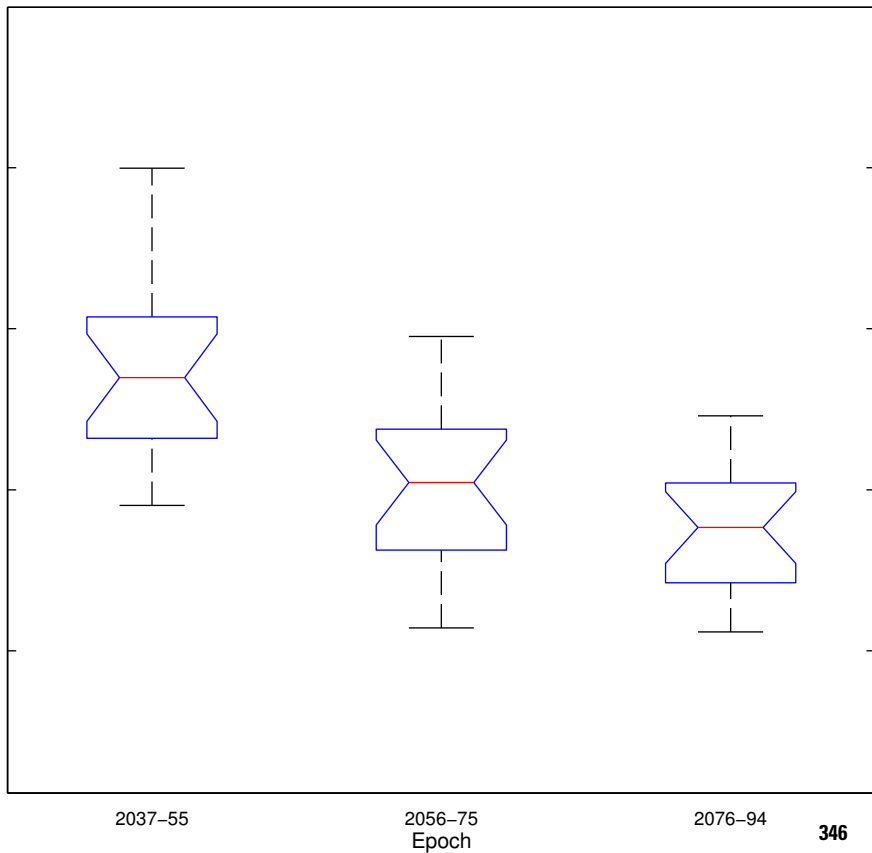


# OLEN – A2 Emission Simulation Results



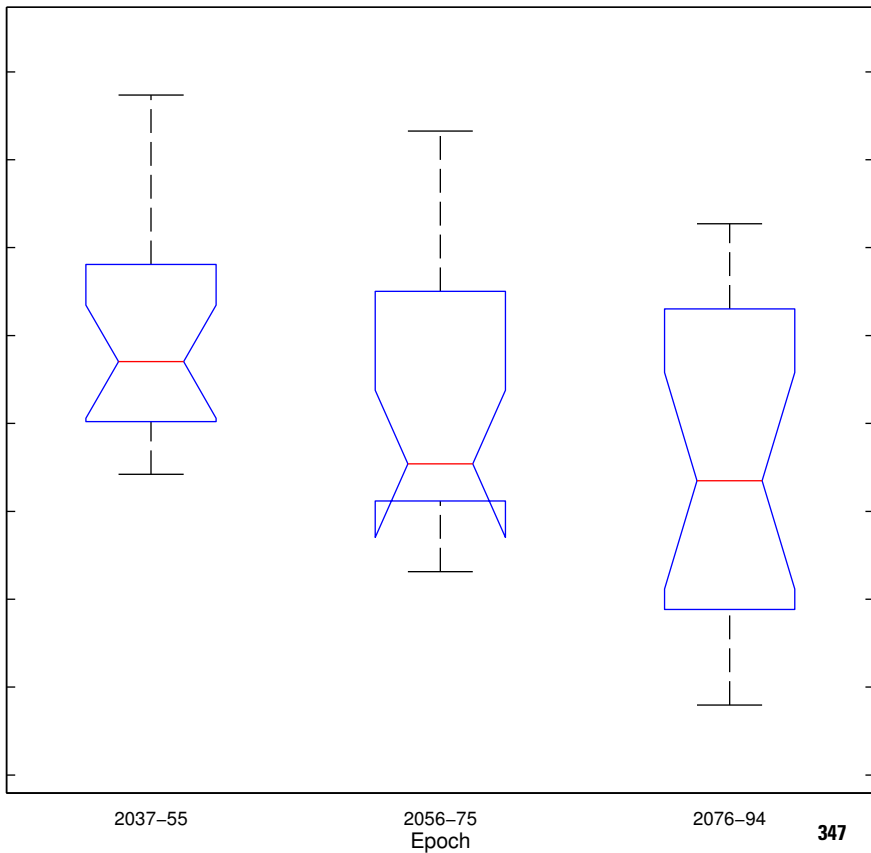
## OLEN – A2 Emission Simulation Results

Median of ensemble monthly–mean August streamflows, in cubic feet per second

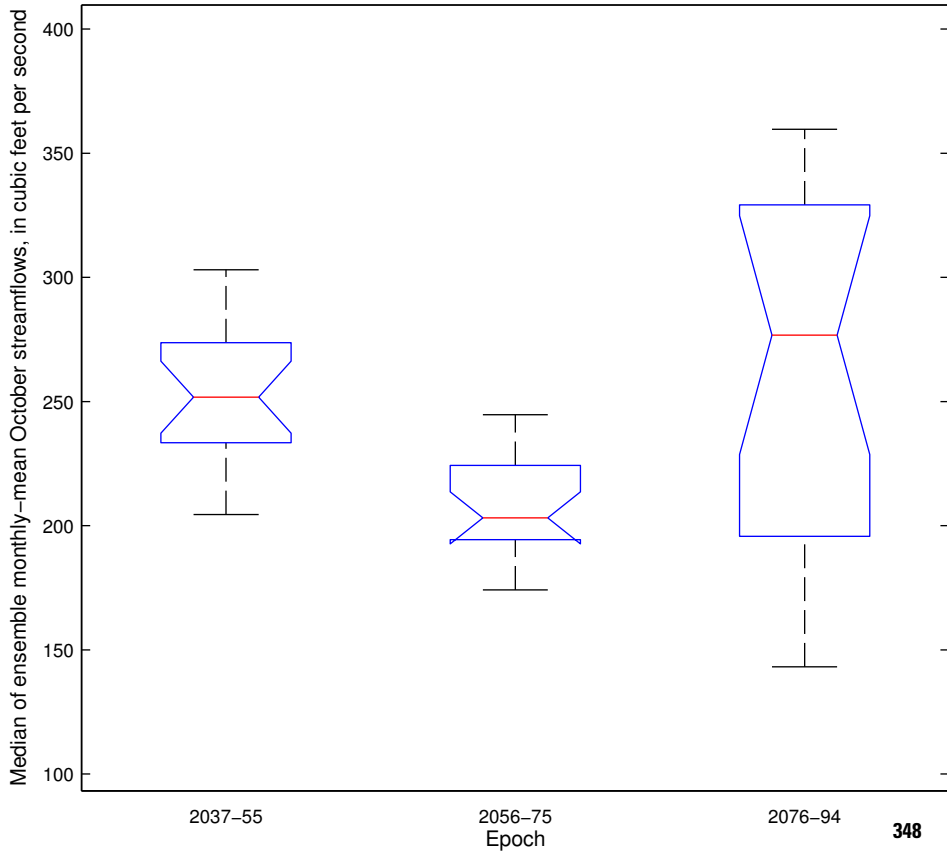


# OLEN – A2 Emission Simulation Results

Median of ensemble monthly–mean September streamflows, in cubic feet per second

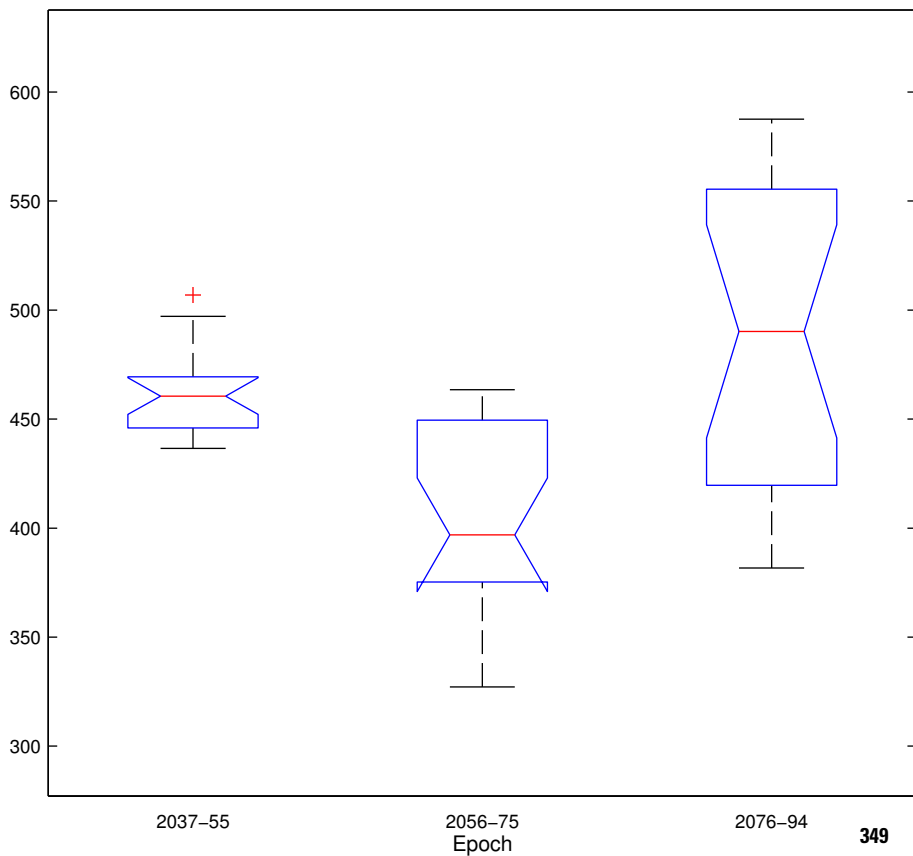


# OLEN – A2 Emission Simulation Results



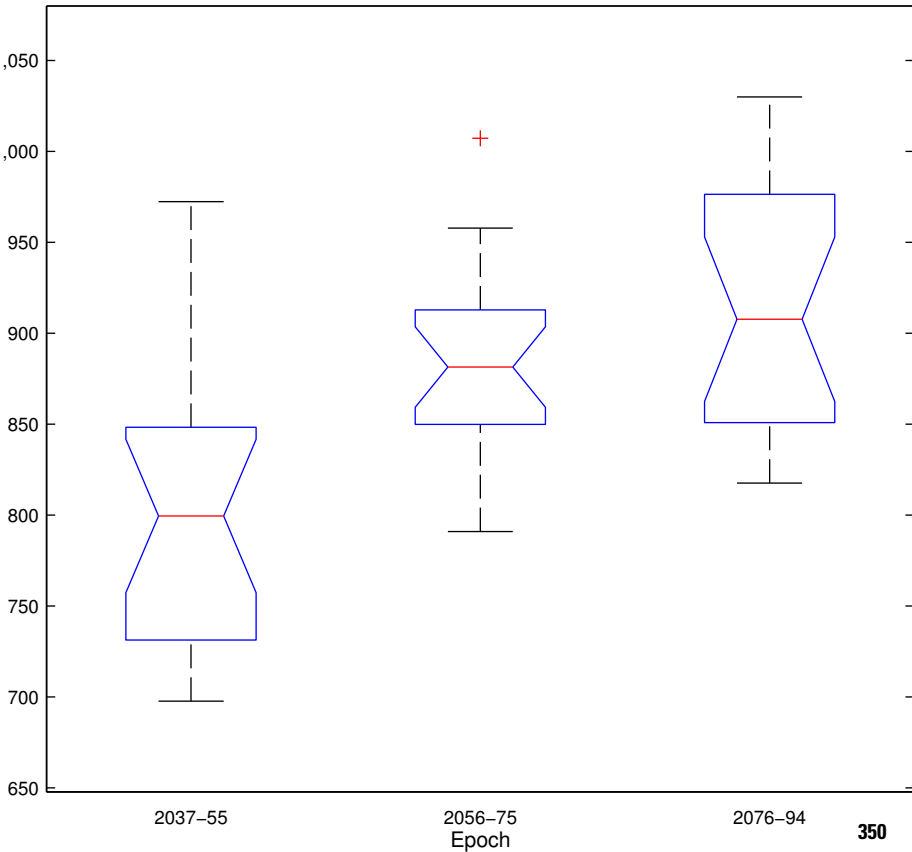
# OLEN – A2 Emission Simulation Results

Median of ensemble monthly-mean November streamflows, in cubic feet per second



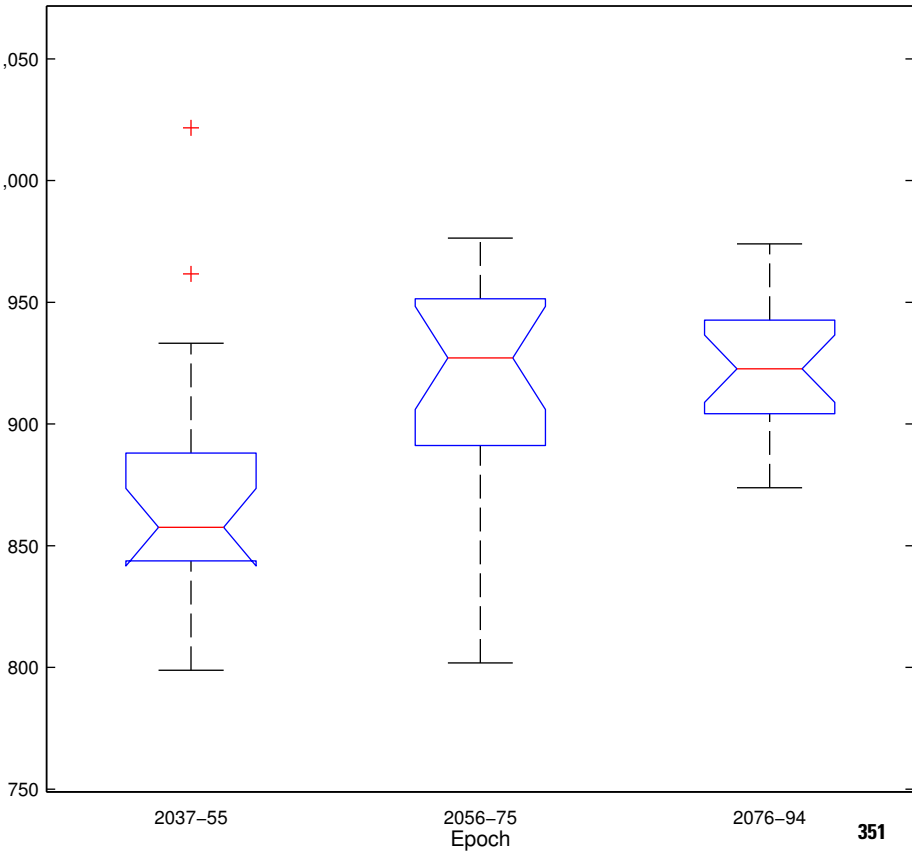
# OLEN – A2 Emission Simulation Results

Median of ensemble monthly-mean December streamflows, in cubic feet per second

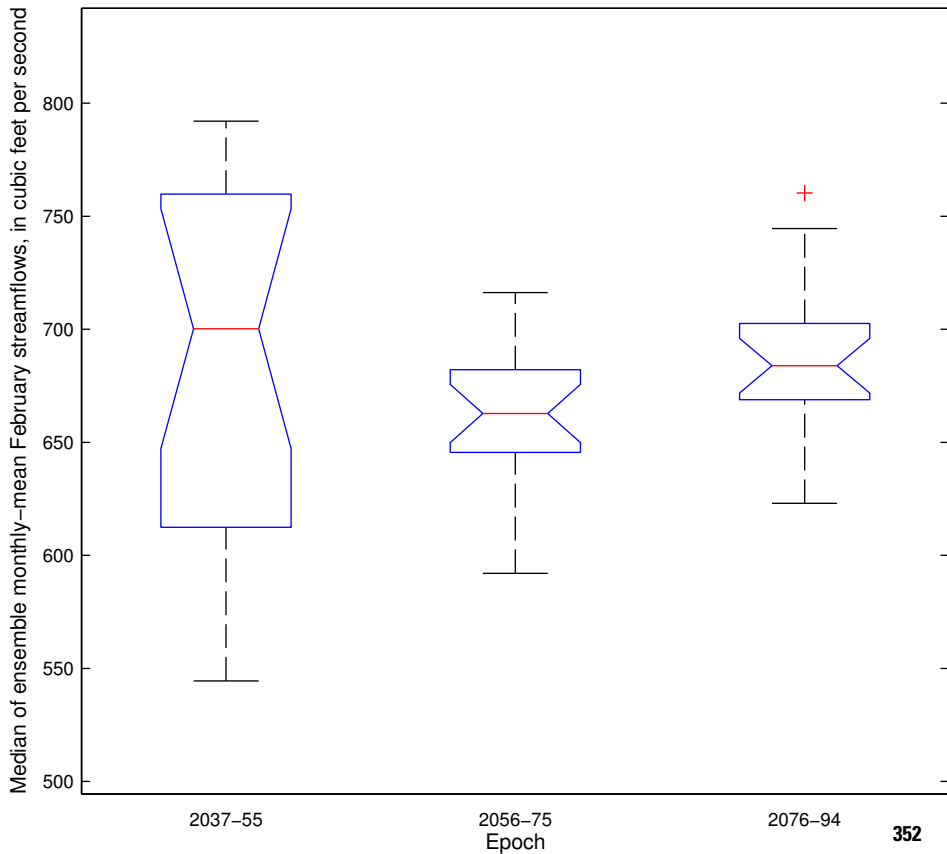


# OLEN – A1b Emission Simulation Results

Median of ensemble monthly–mean January streamflows, in cubic feet per second

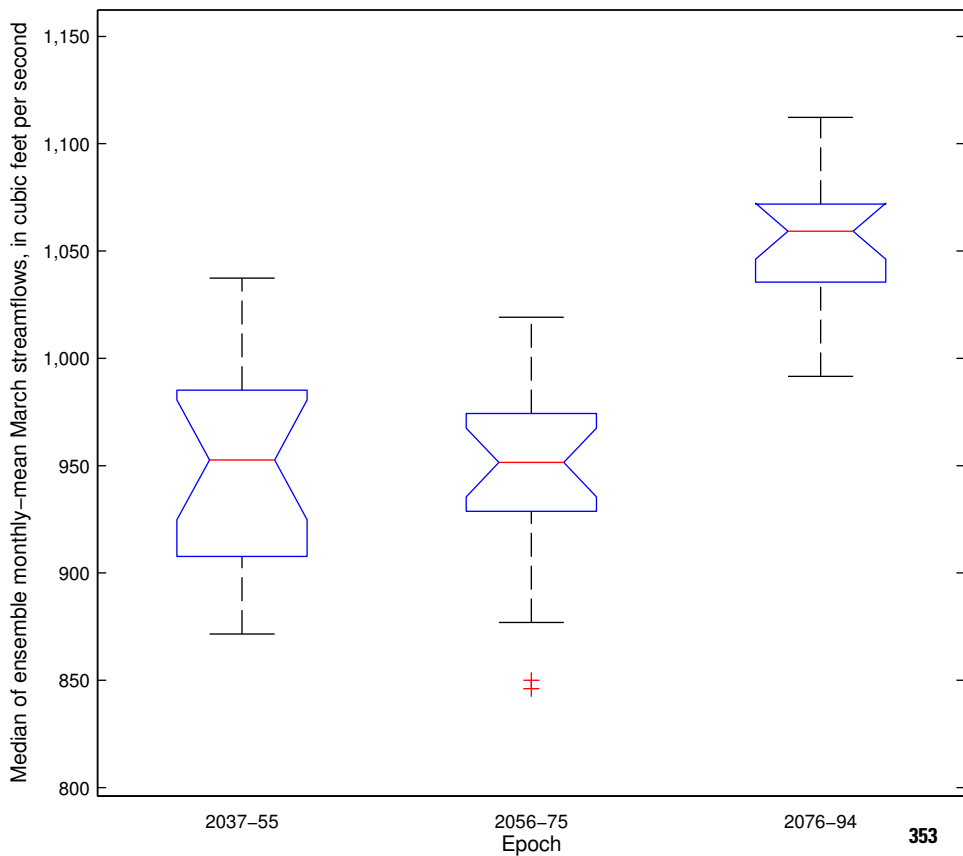


# OLEN – A1b Emission Simulation Results

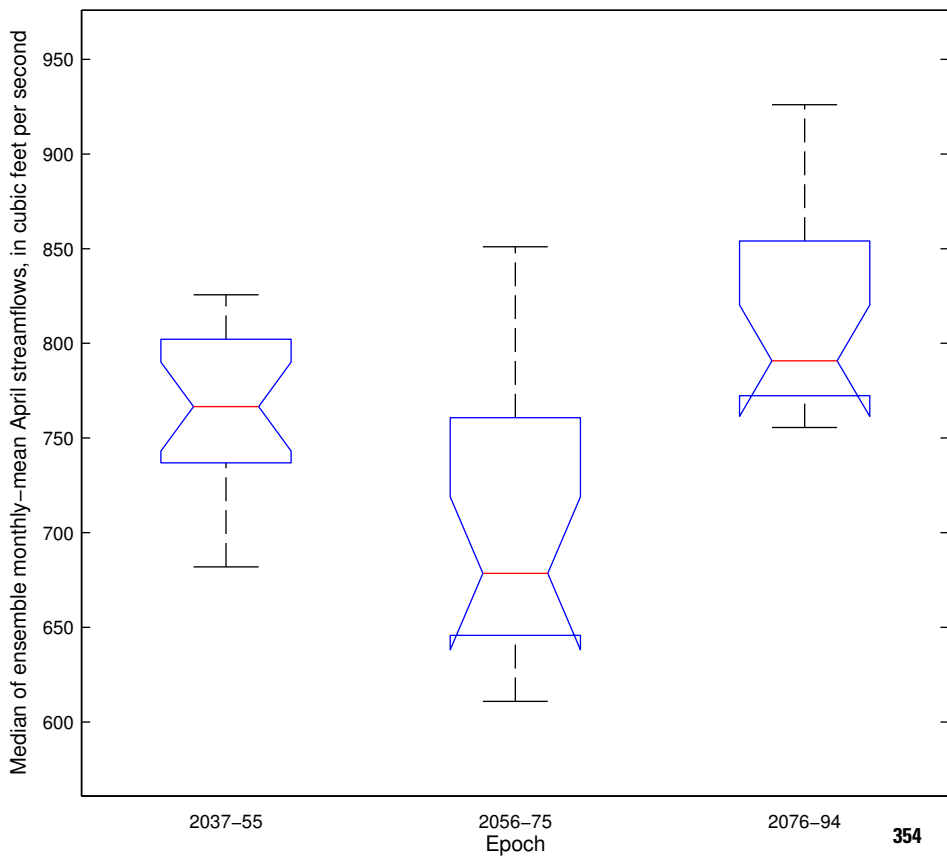




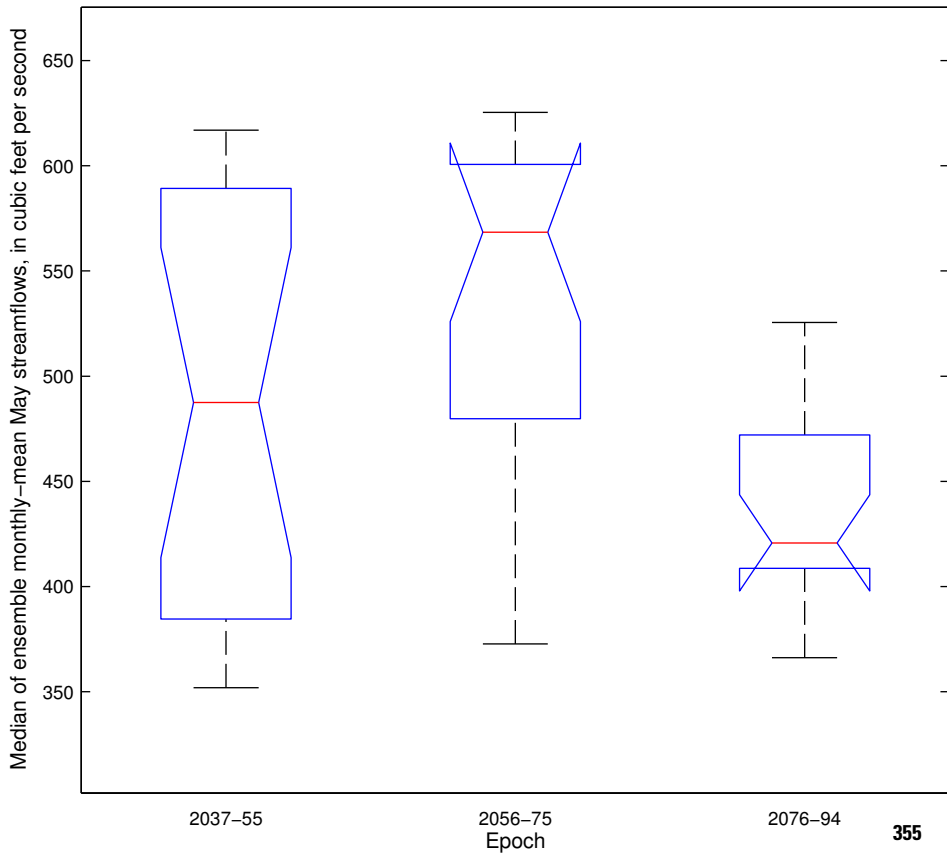
# OLEN – A1b Emission Simulation Results



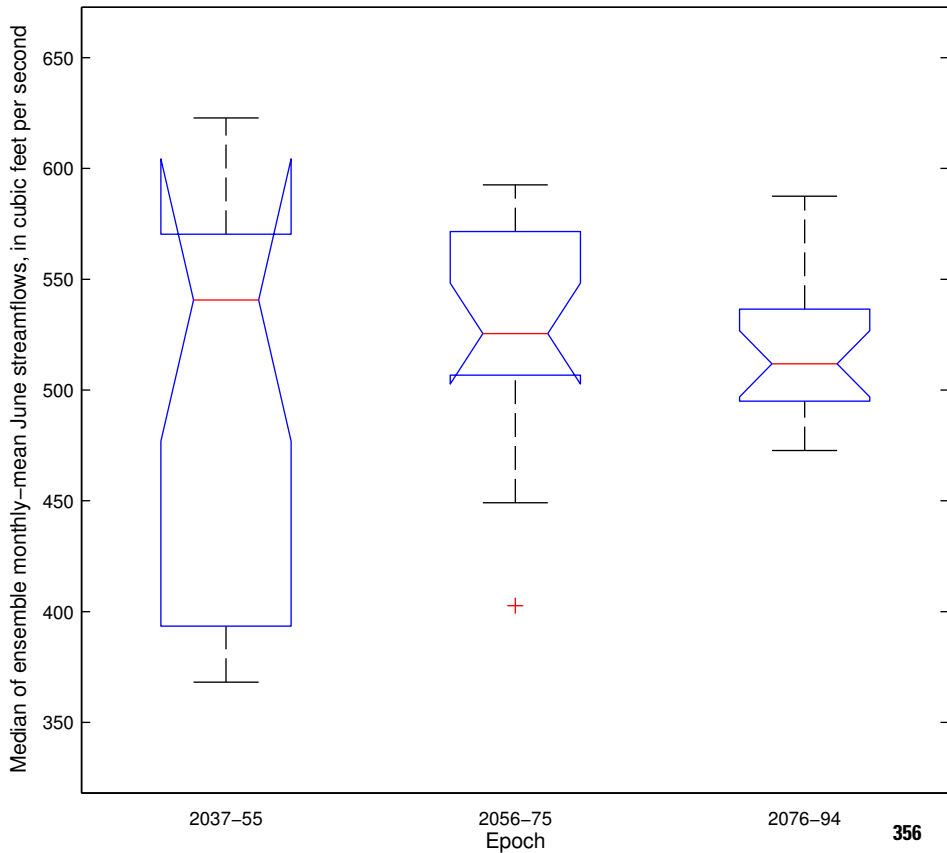
# OLEN – A1b Emission Simulation Results



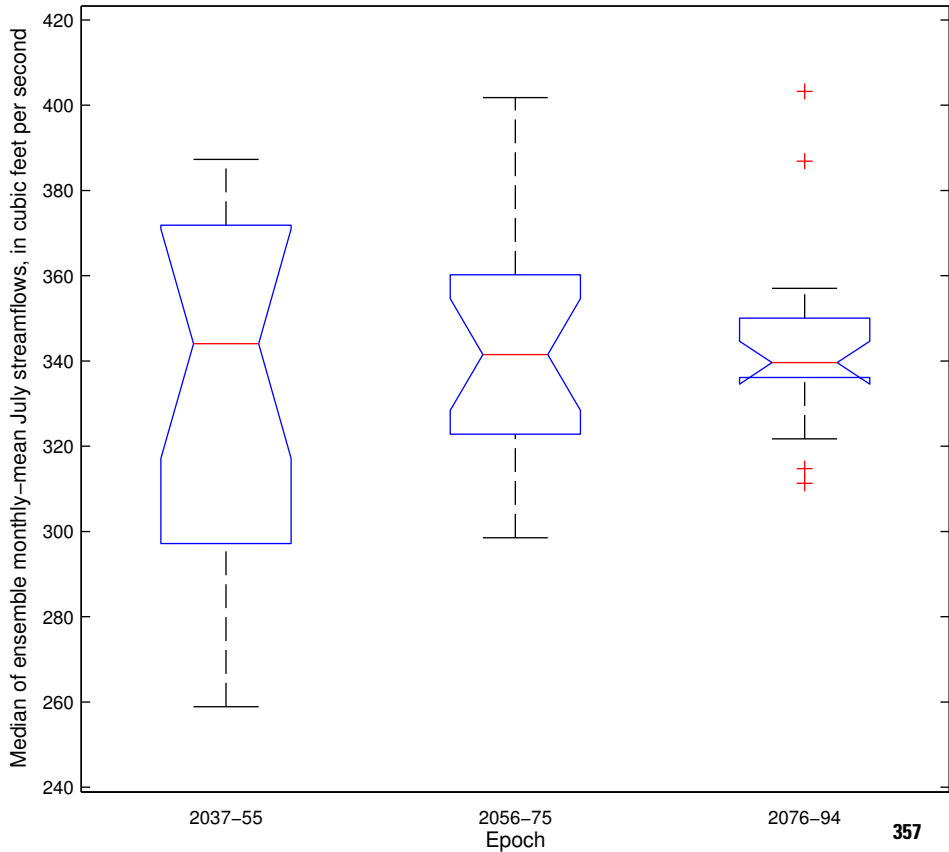
# OLEN – A1b Emission Simulation Results



# OLEN – A1b Emission Simulation Results

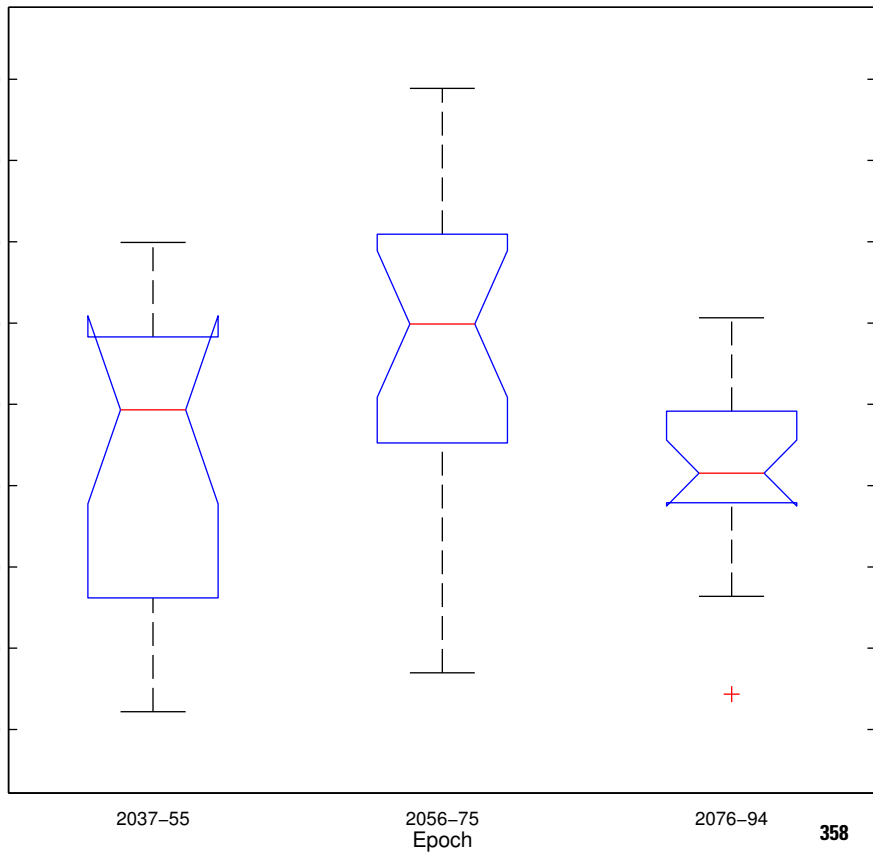


# OLEN – A1b Emission Simulation Results



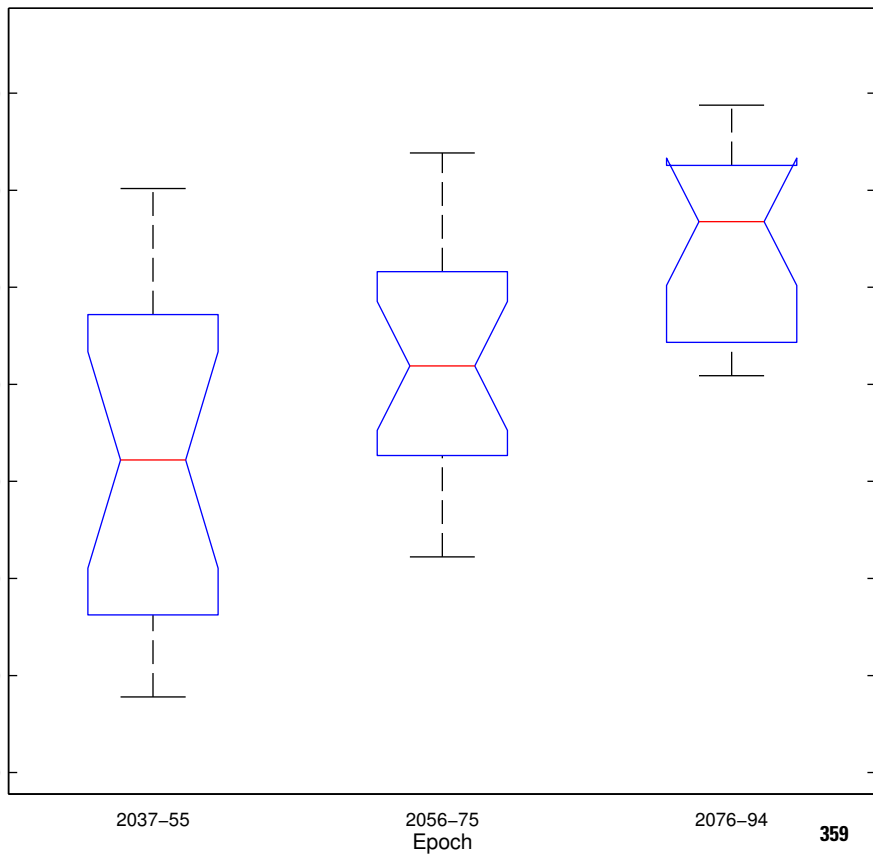
# OLEN – A1b Emission Simulation Results

Median of ensemble monthly-mean August streamflows, in cubic feet per second

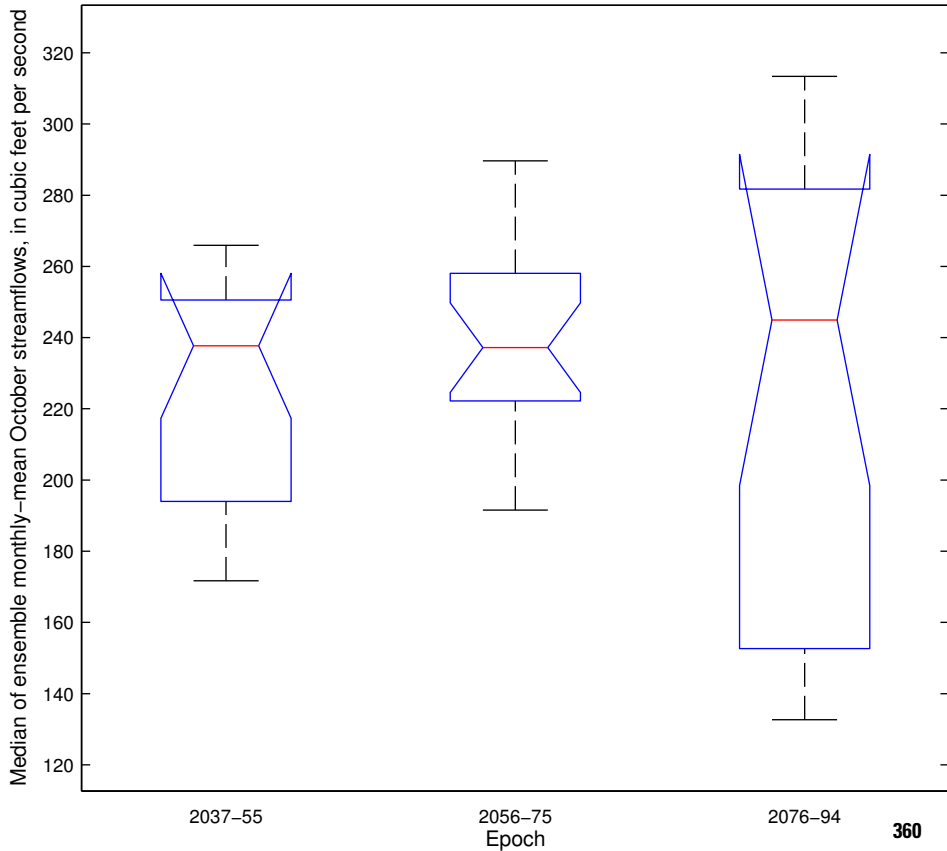


# OLEN – A1b Emission Simulation Results

Median of ensemble monthly-mean September streamflows, in cubic feet per second

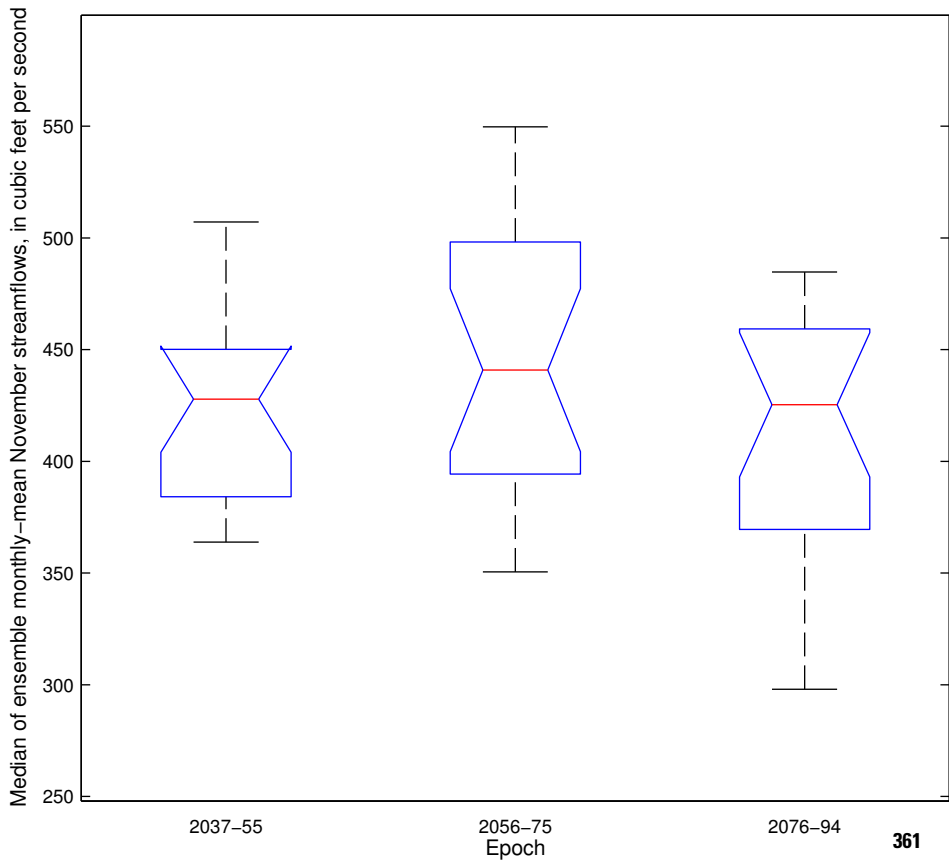


# OLEN – A1b Emission Simulation Results

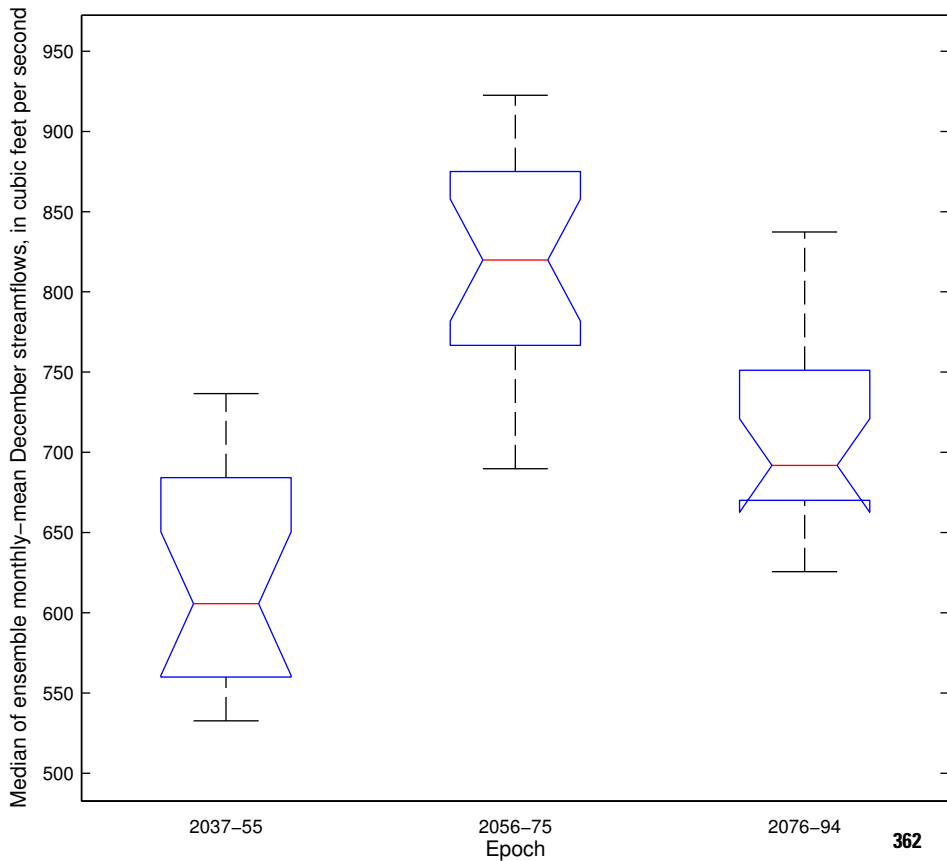




# OLEN – A1b Emission Simulation Results

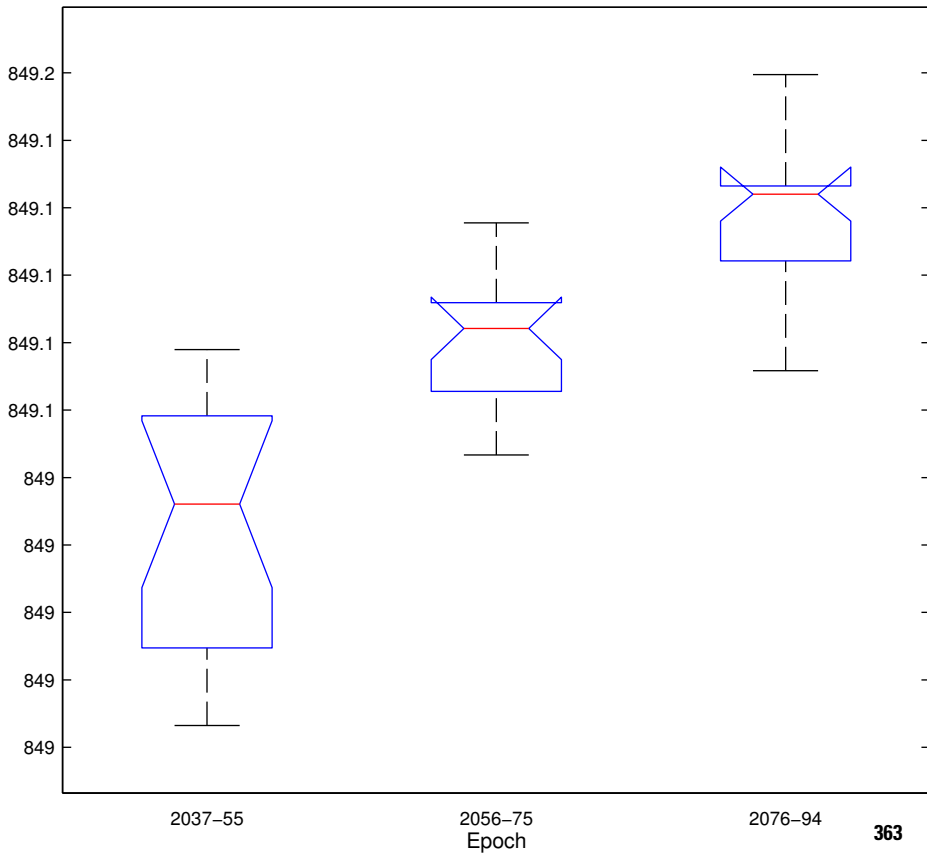


# OLEN – A1b Emission Simulation Results



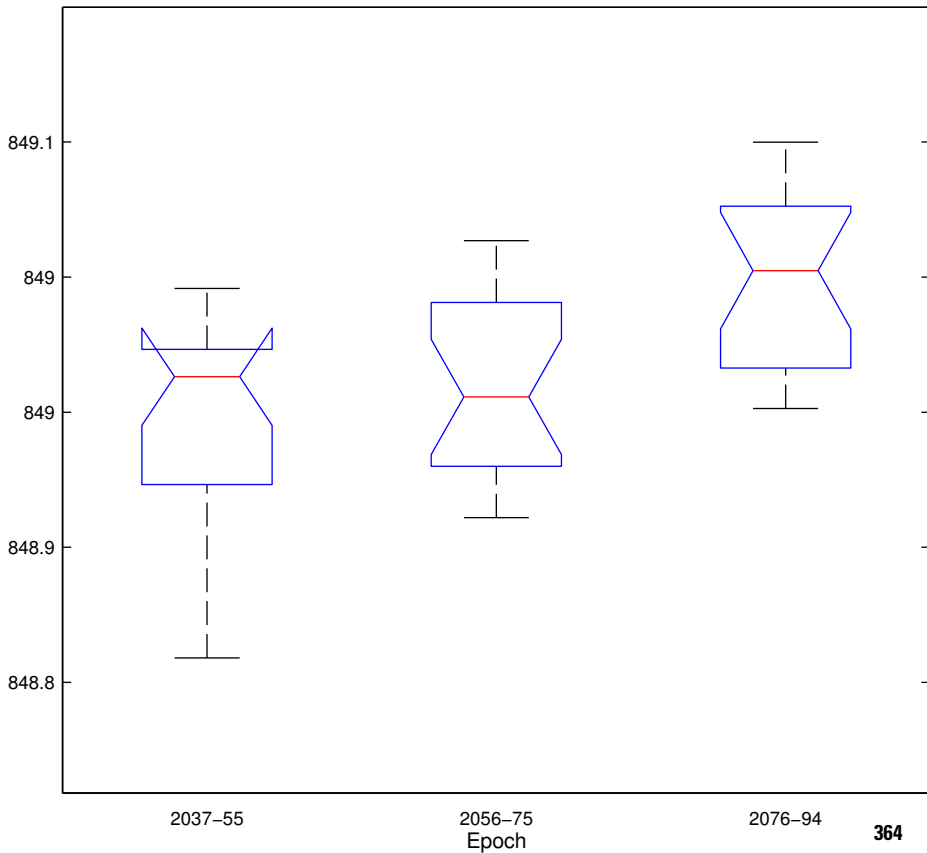
# OSHY – A2 Emission Simulation Results

Median of ensemble monthly-mean January water levels, in feet above NGVD 1929



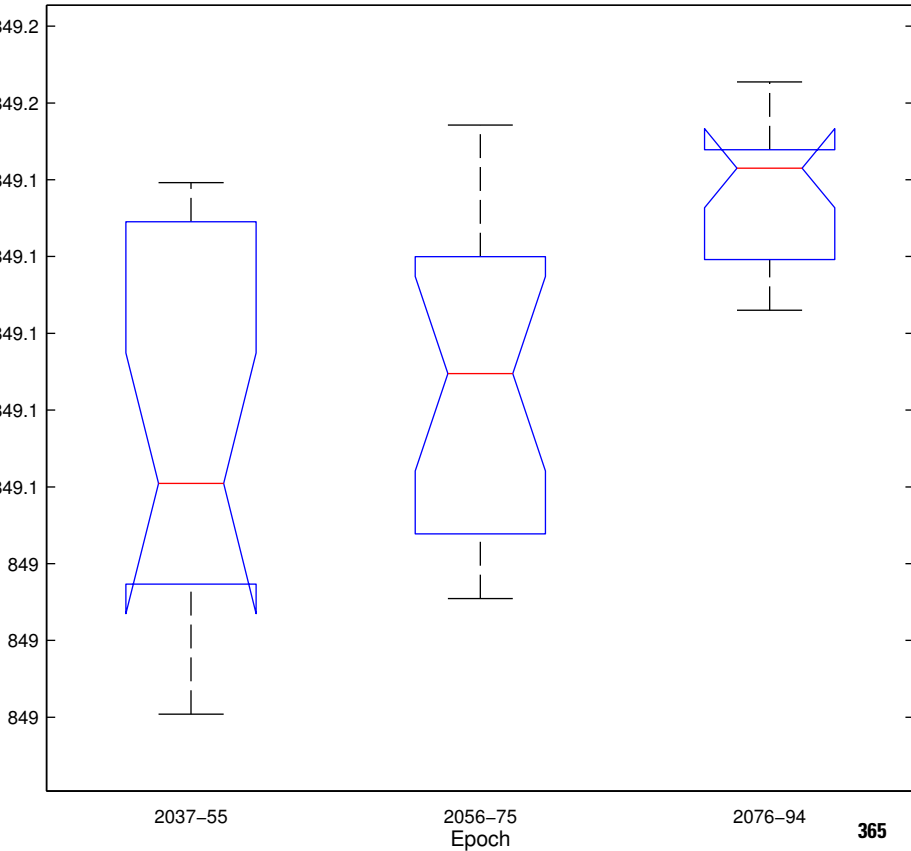
# OSHY – A2 Emission Simulation Results

Median of ensemble monthly–mean February water levels, in feet above NGVD 1929



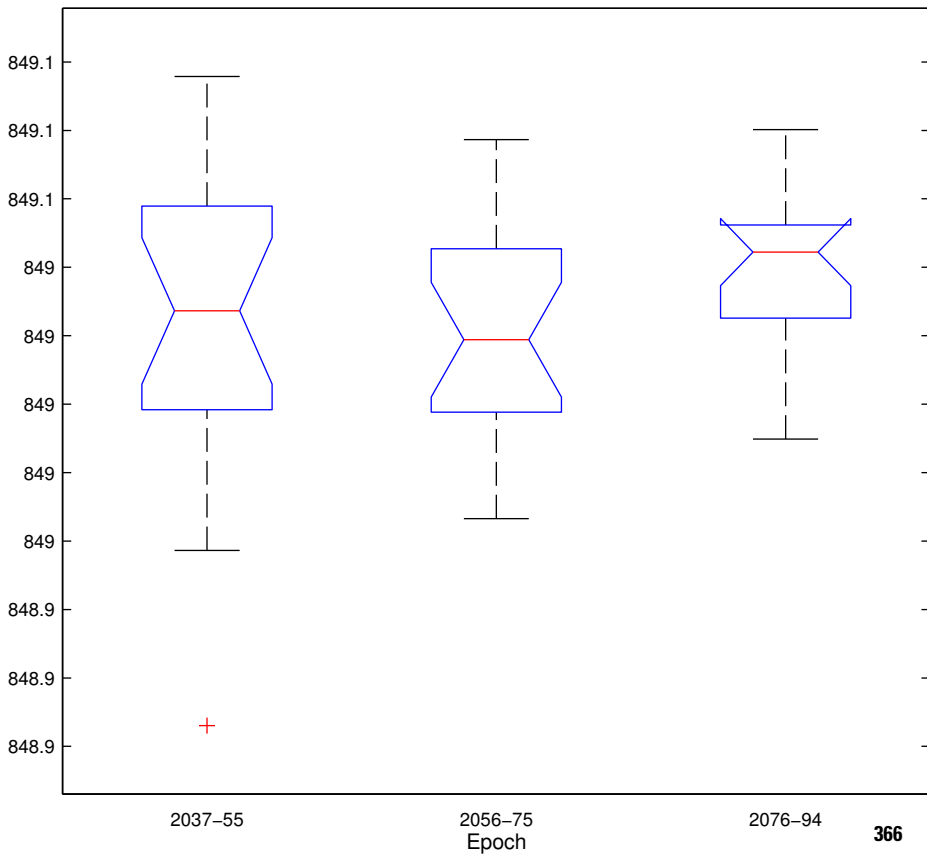
# OSHY – A2 Emission Simulation Results

Median of ensemble monthly–mean March water levels, in feet above NGVD 1929



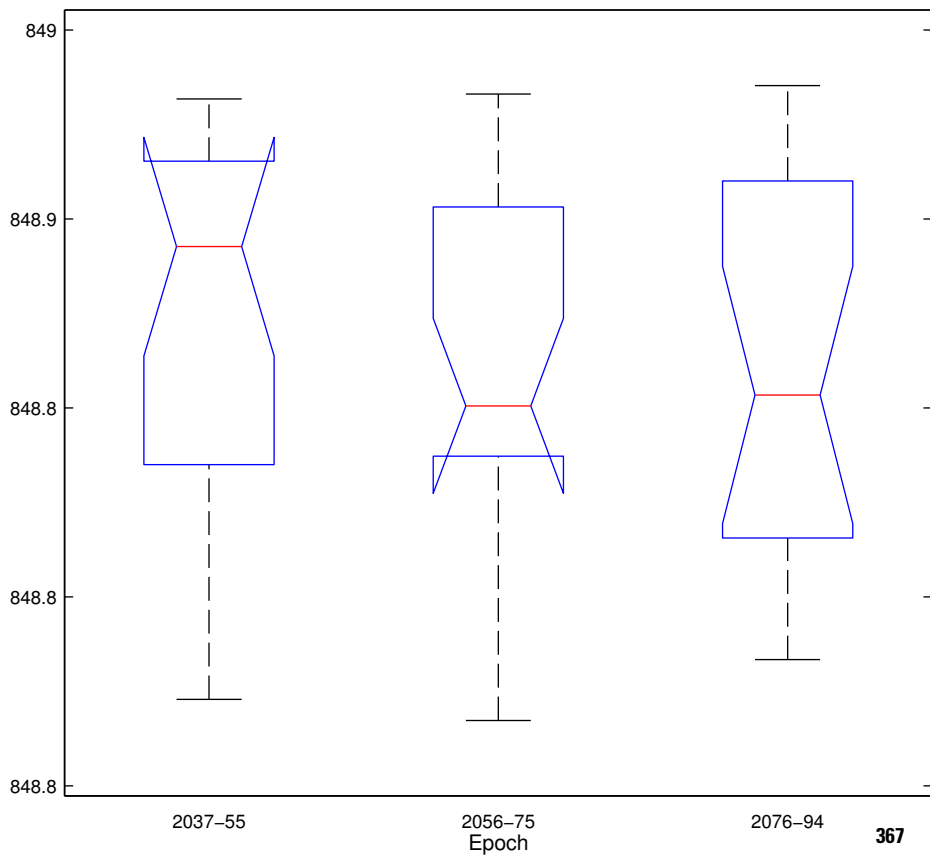
# OSHY – A2 Emission Simulation Results

Median of ensemble monthly-mean April water levels, in feet above NGVD 1929



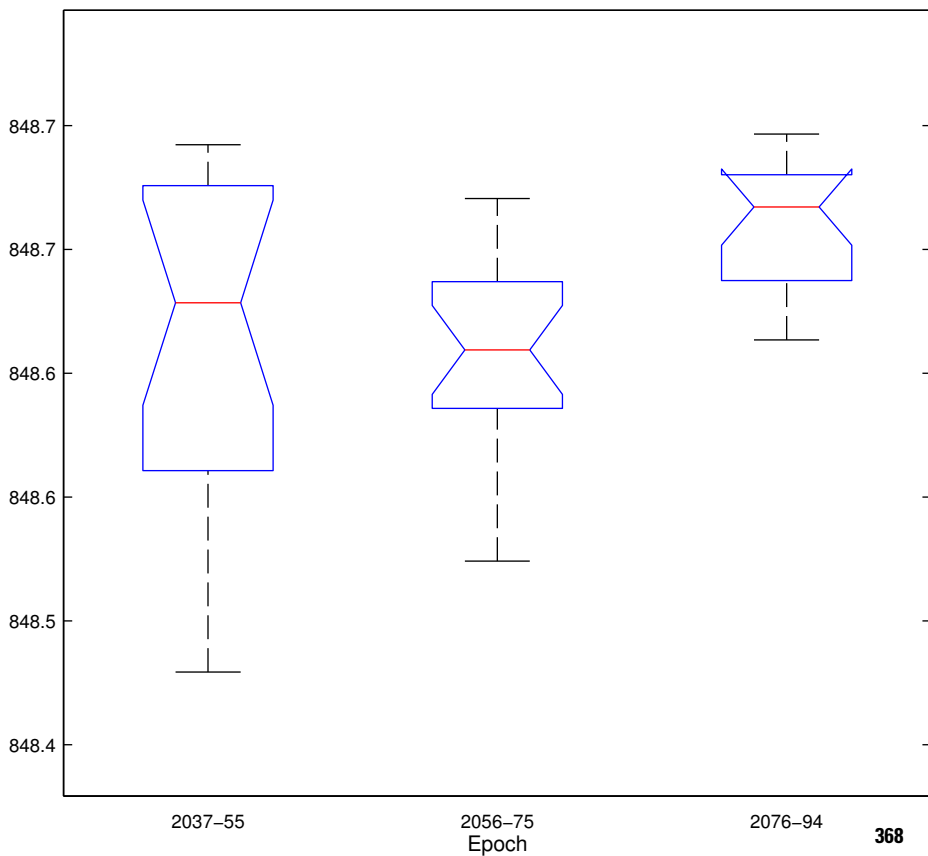
# OSHY – A2 Emission Simulation Results

Median of ensemble monthly-mean May water levels, in feet above NGVD 1929



# OSHY – A2 Emission Simulation Results

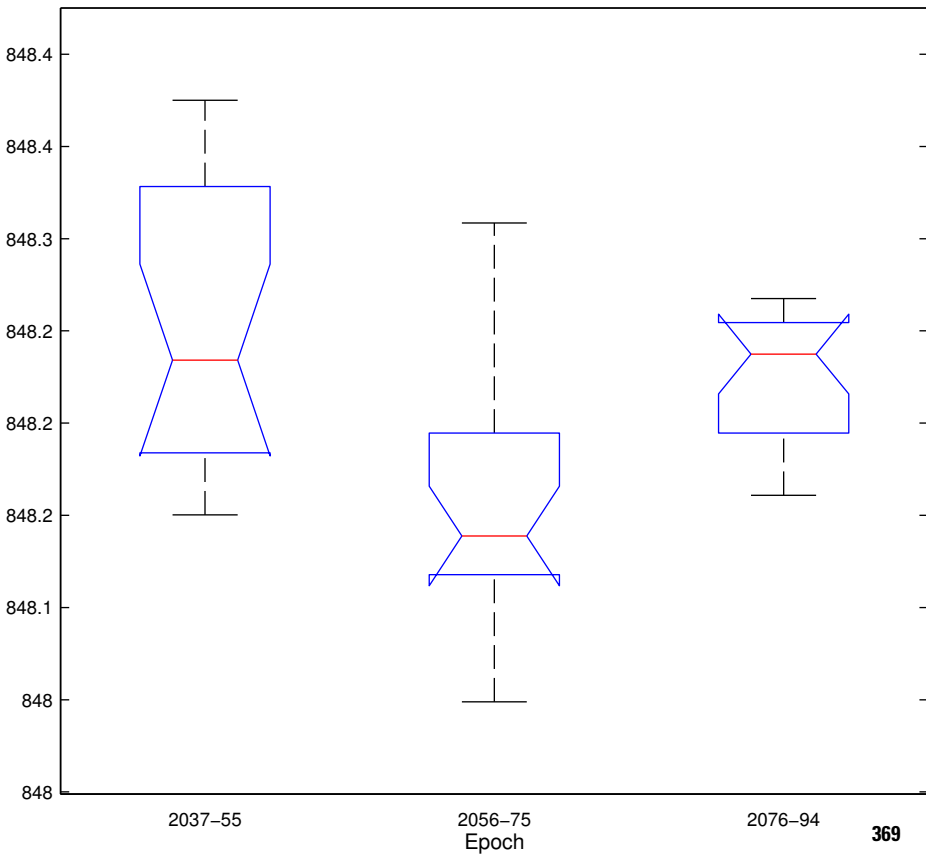
Median of ensemble monthly-mean June water levels, in feet above NGVD 1929





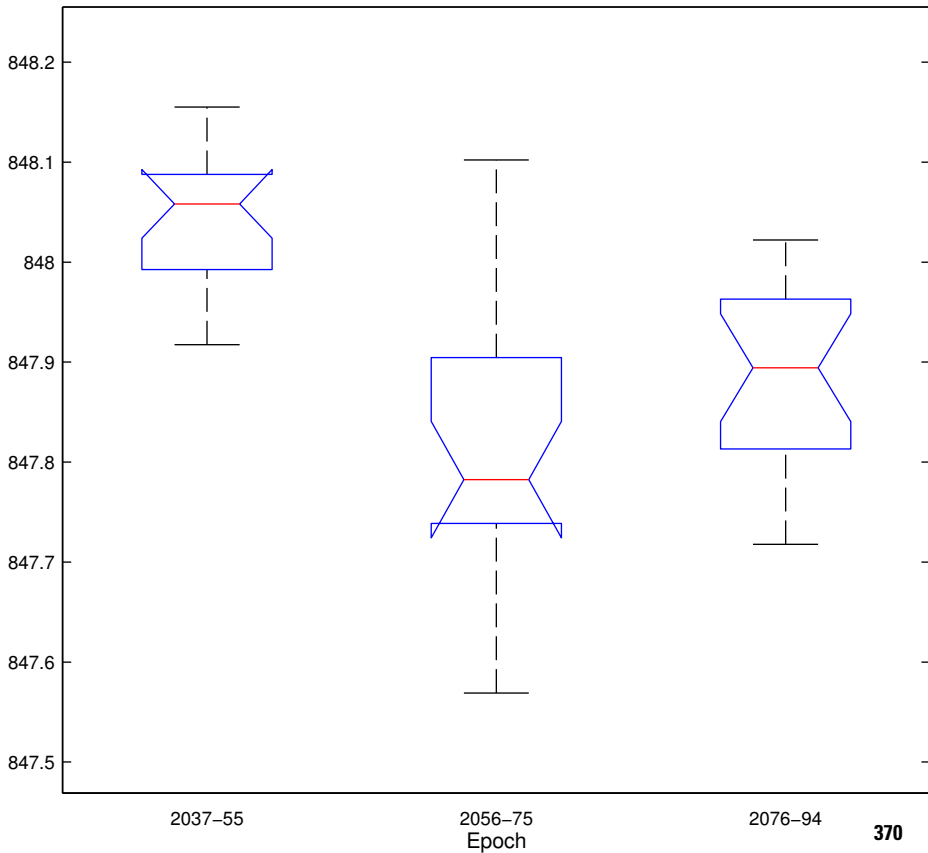
# OSHY – A2 Emission Simulation Results

Median of ensemble monthly-mean July water levels, in feet above NGVD 1929



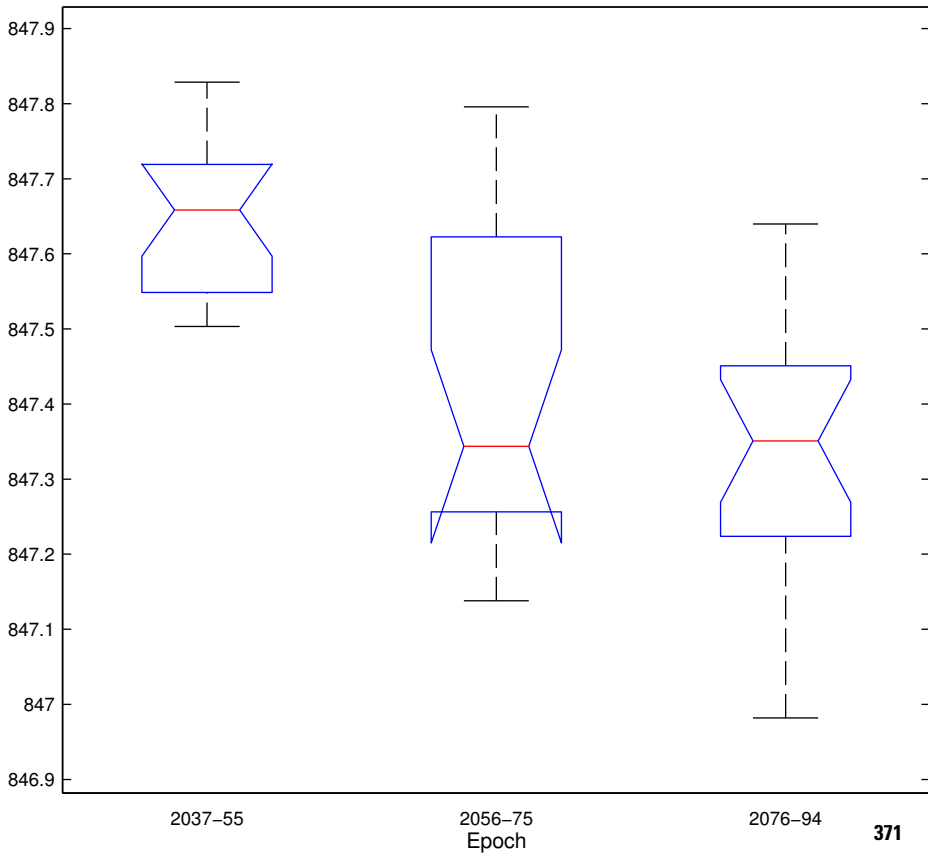
# OSHY – A2 Emission Simulation Results

Median of ensemble monthly–mean August water levels, in feet above NGVD 1929



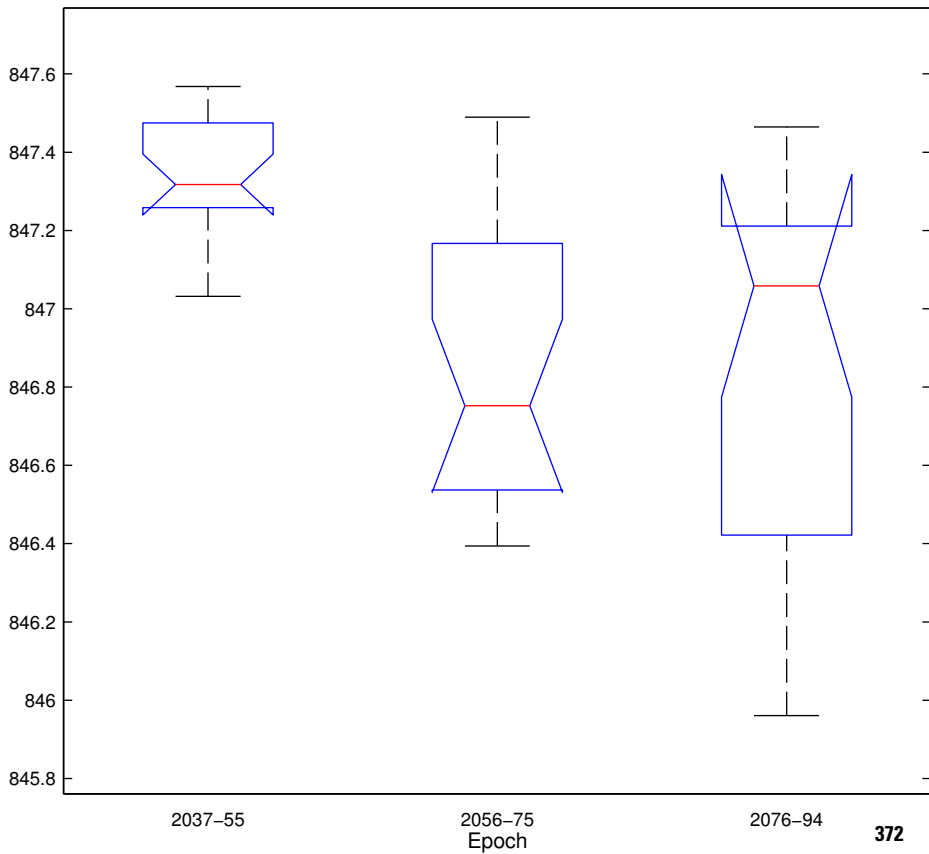
# OSHY – A2 Emission Simulation Results

Median of ensemble monthly–mean September water levels, in feet above NGVD 1929



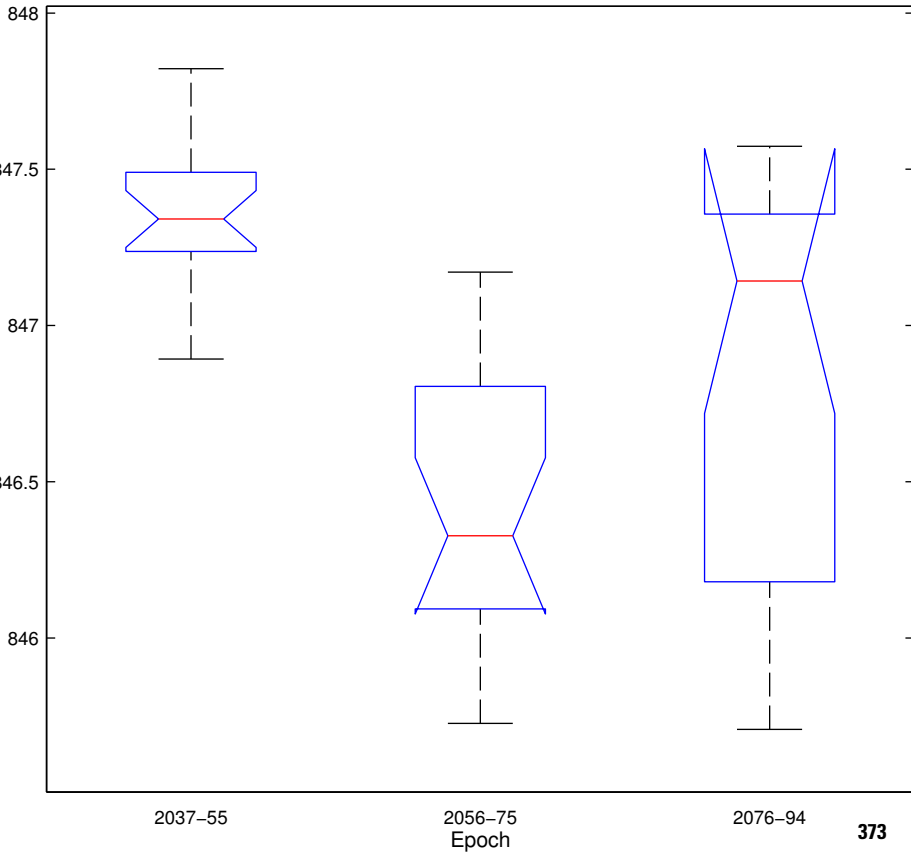
# OSHY – A2 Emission Simulation Results

Median of ensemble monthly-mean October water levels, in feet above NGVD 1929



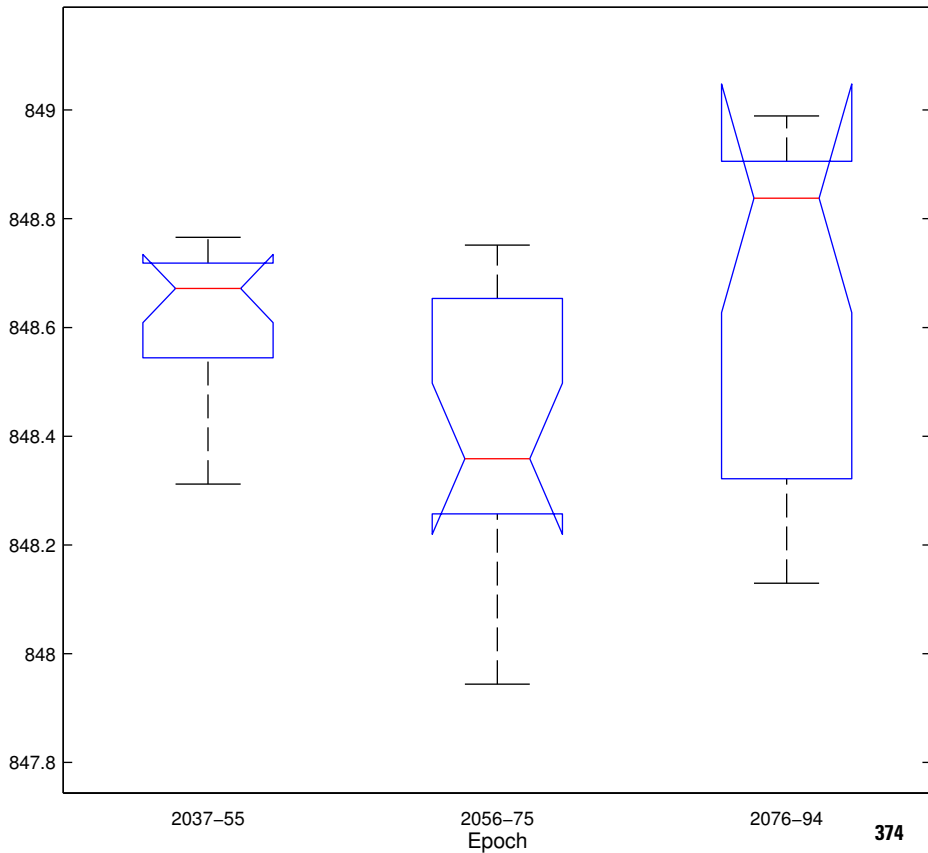
# OSHY – A2 Emission Simulation Results

Median of ensemble monthly-mean November water levels, in feet above NGVD 1929

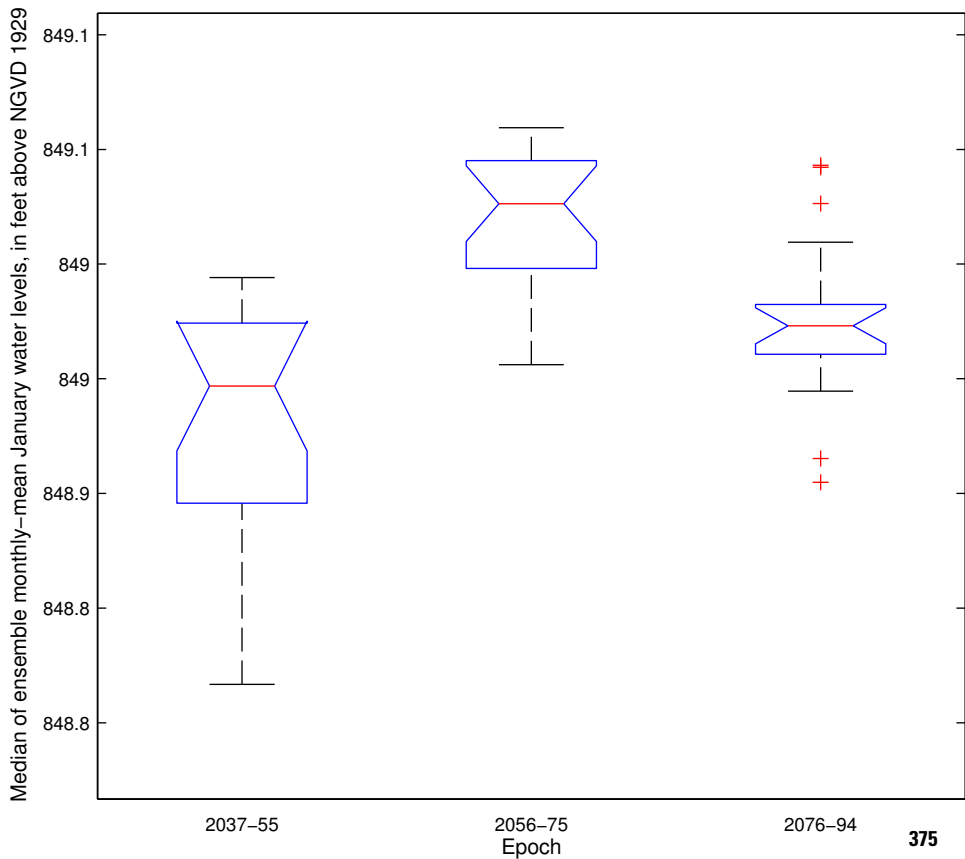


# OSHY – A2 Emission Simulation Results

Median of ensemble monthly-mean December water levels, in feet above NGVD 1929

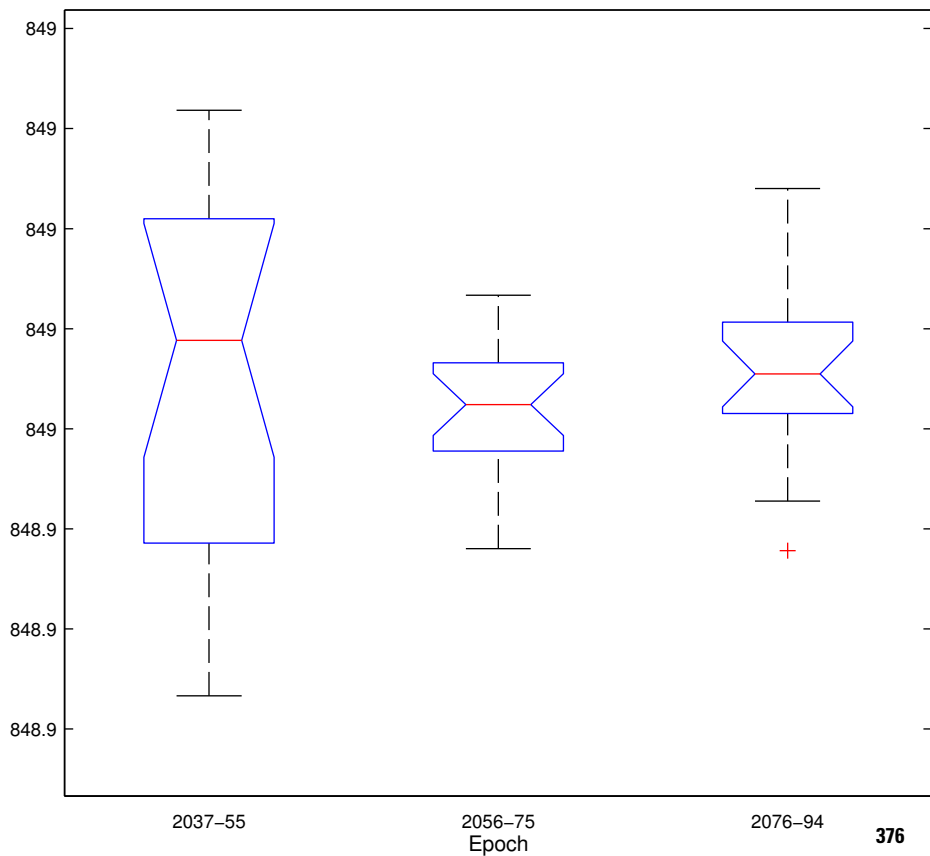


# OSHY – A1b Emission Simulation Results



# OSHY – A1b Emission Simulation Results

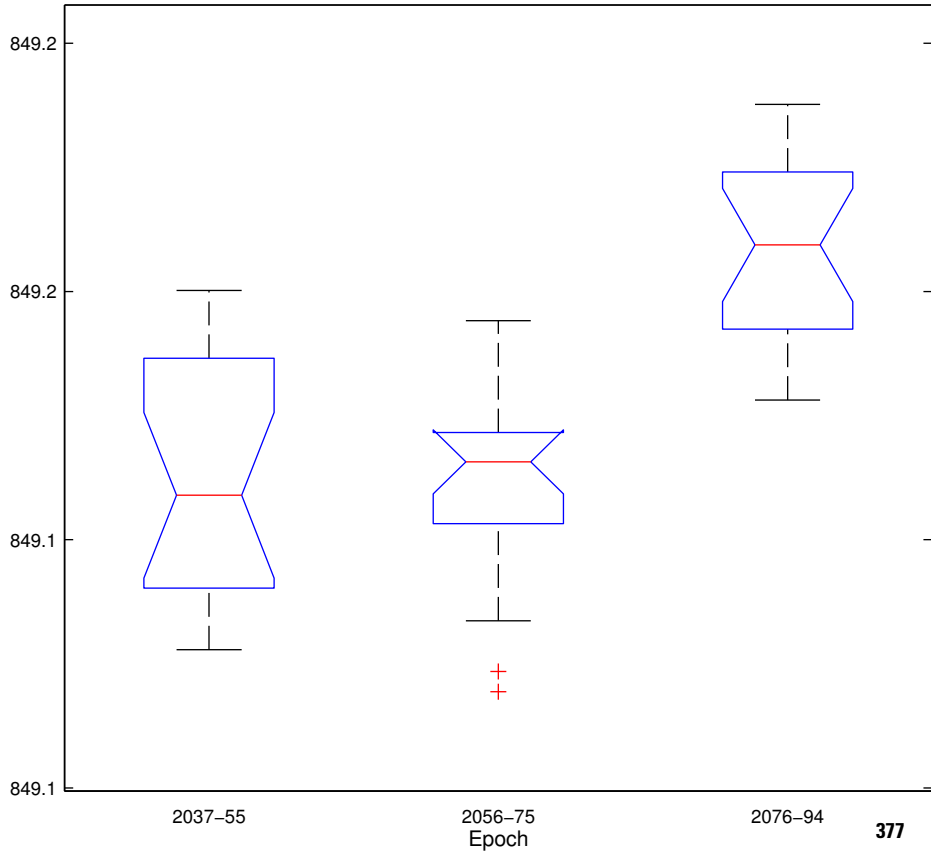
Median of ensemble monthly-mean February water levels, in feet above NGVD 1929





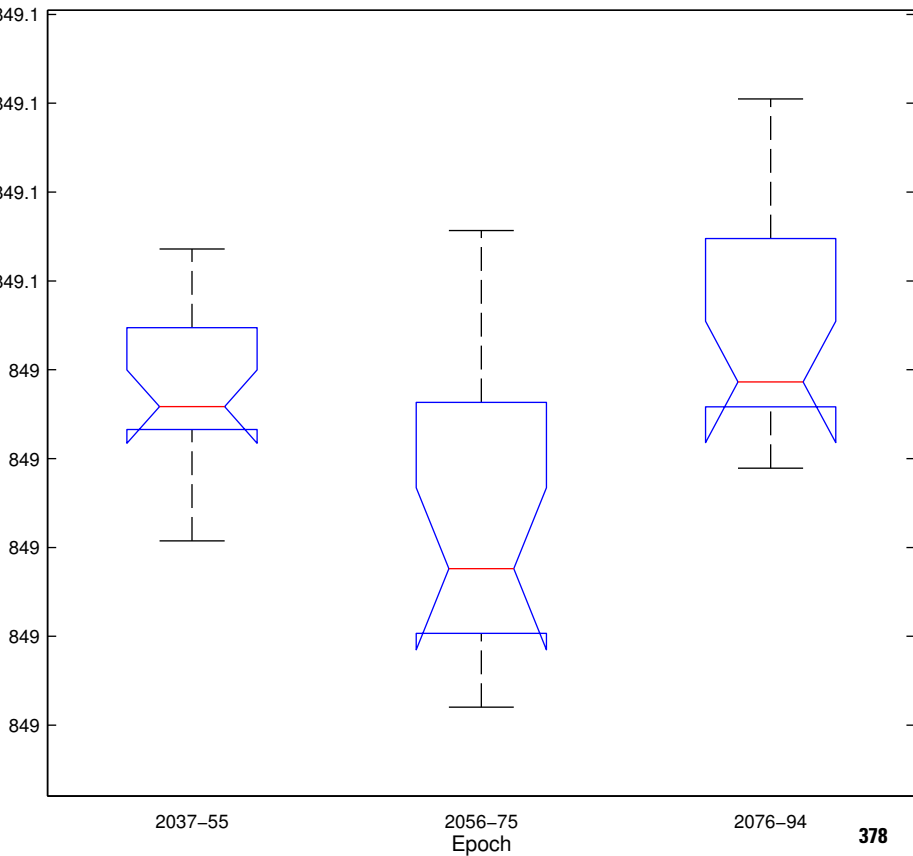
# OSHY – A1b Emission Simulation Results

Median of ensemble monthly–mean March water levels, in feet above NGVD 1929



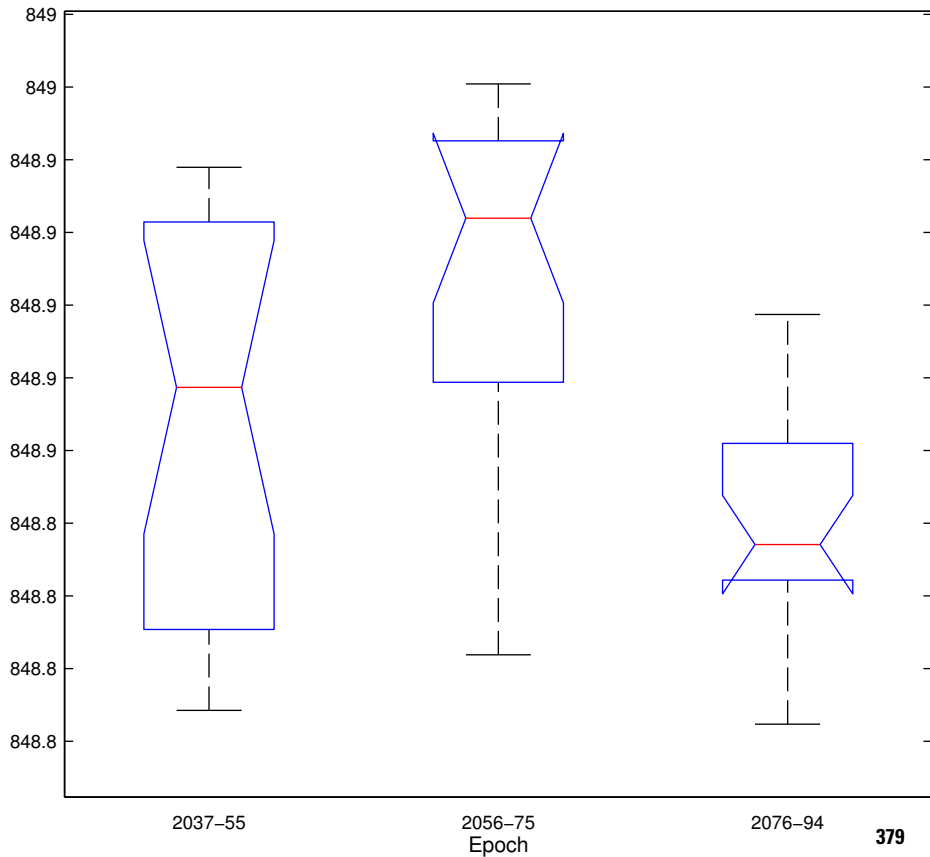
# OSHY – A1b Emission Simulation Results

Median of ensemble monthly-mean April water levels, in feet above NGVD 1929



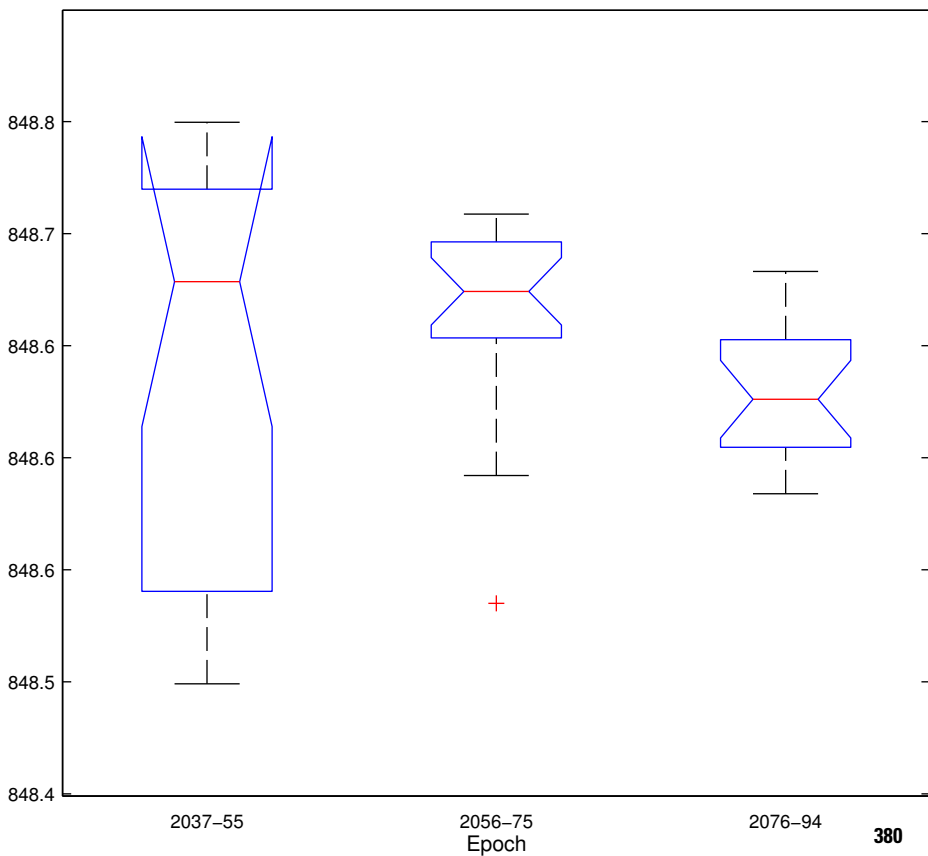
# OSHY – A1b Emission Simulation Results

Median of ensemble monthly-mean May water levels, in feet above NGVD 1929



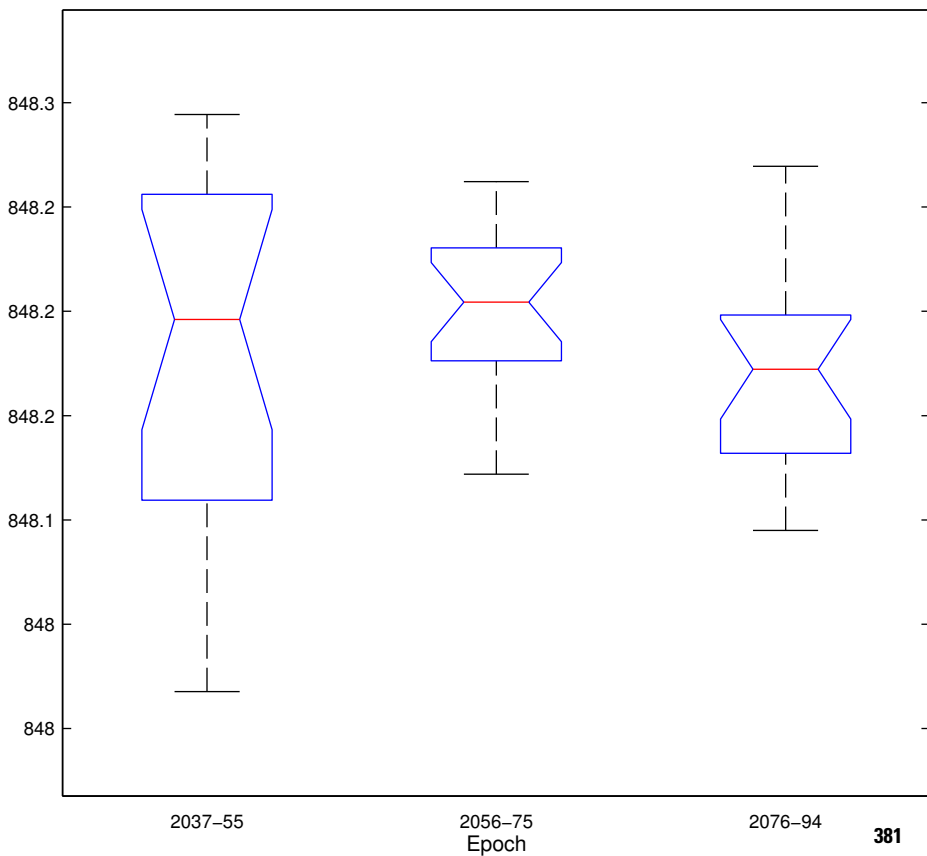
# OSHY – A1b Emission Simulation Results

Median of ensemble monthly-mean June water levels, in feet above NGVD 1929



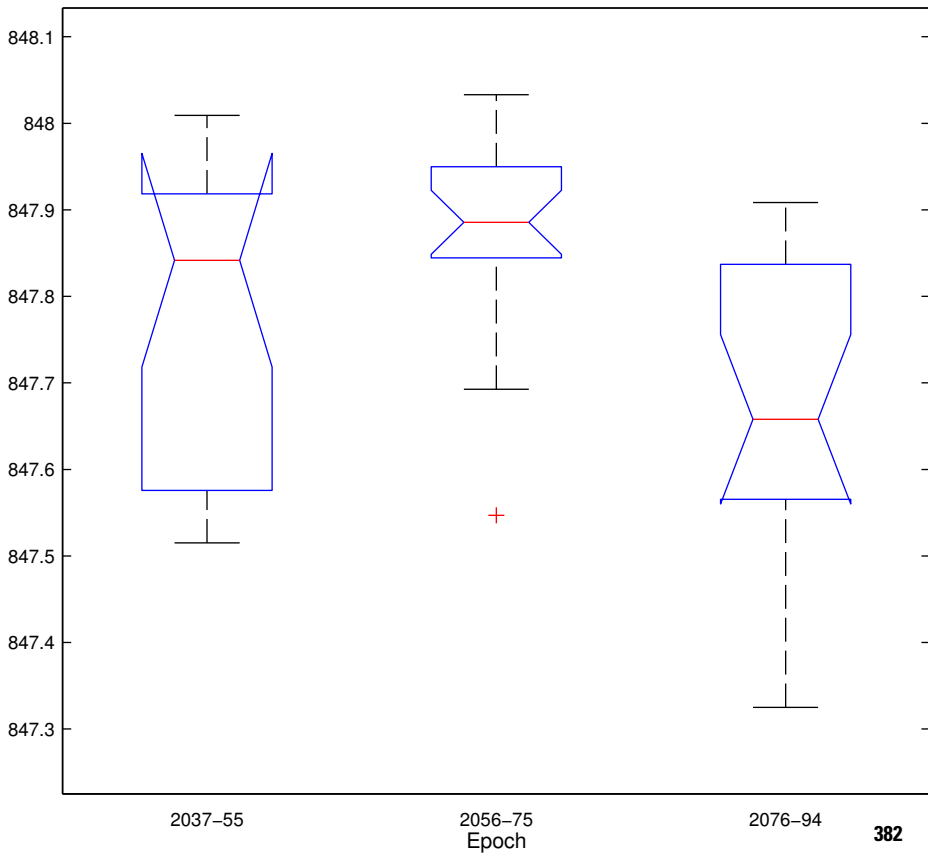
# OSHY – A1b Emission Simulation Results

Median of ensemble monthly-mean July water levels, in feet above NGVD 1929



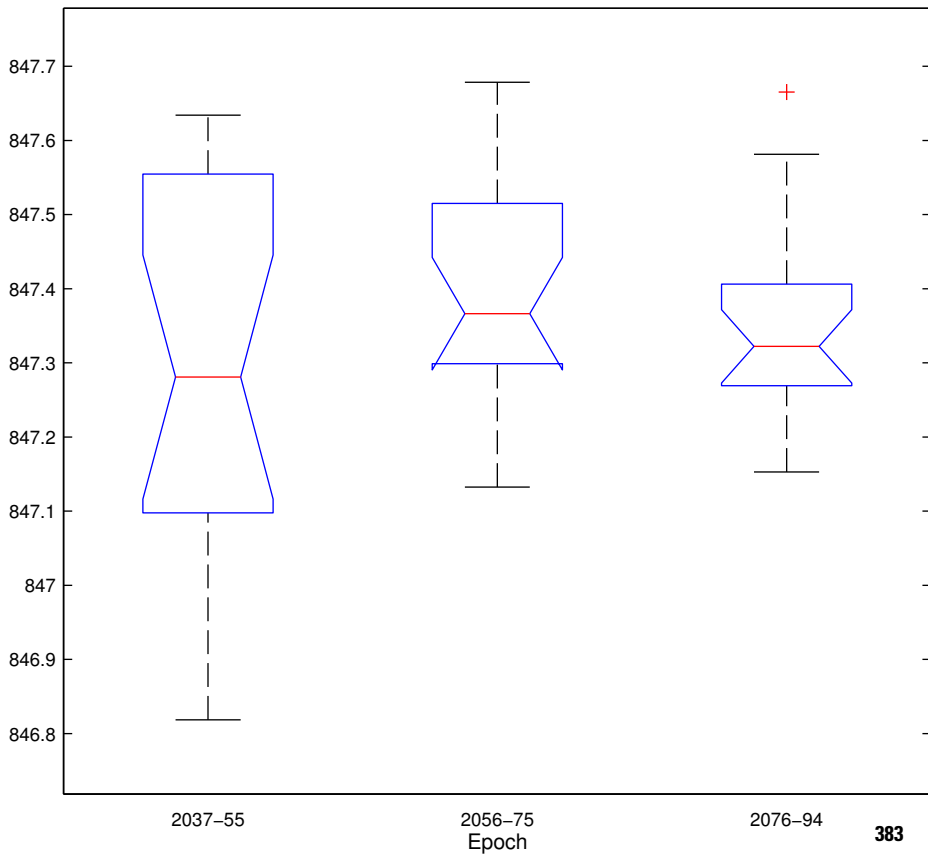
# OSHY – A1b Emission Simulation Results

Median of ensemble monthly-mean August water levels, in feet above NGVD 1929



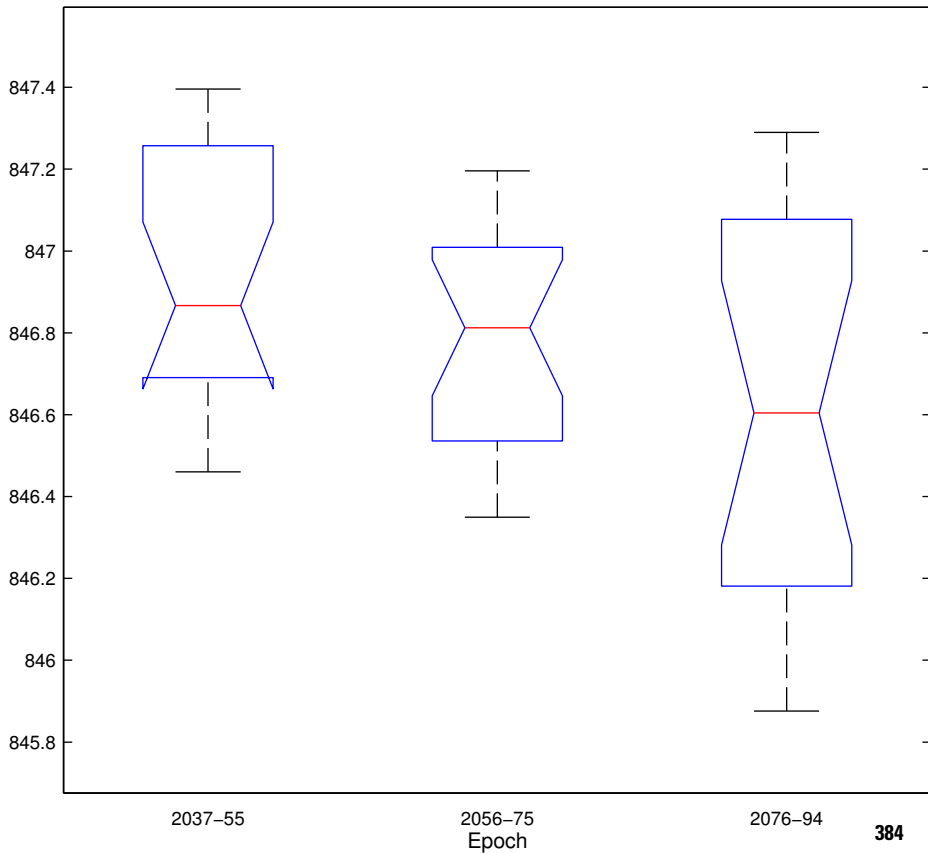
# OSHY – A1b Emission Simulation Results

Median of ensemble monthly-mean September water levels, in feet above NGVD 1929



# OSHY – A1b Emission Simulation Results

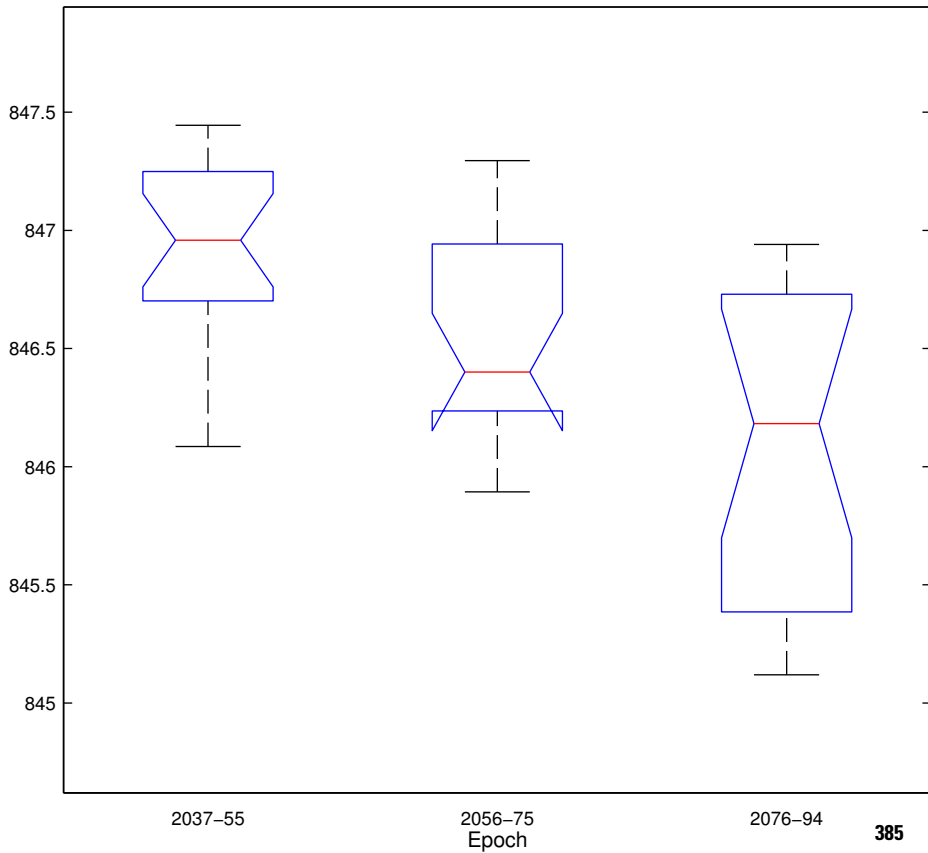
Median of ensemble monthly-mean October water levels, in feet above NGVD 1929





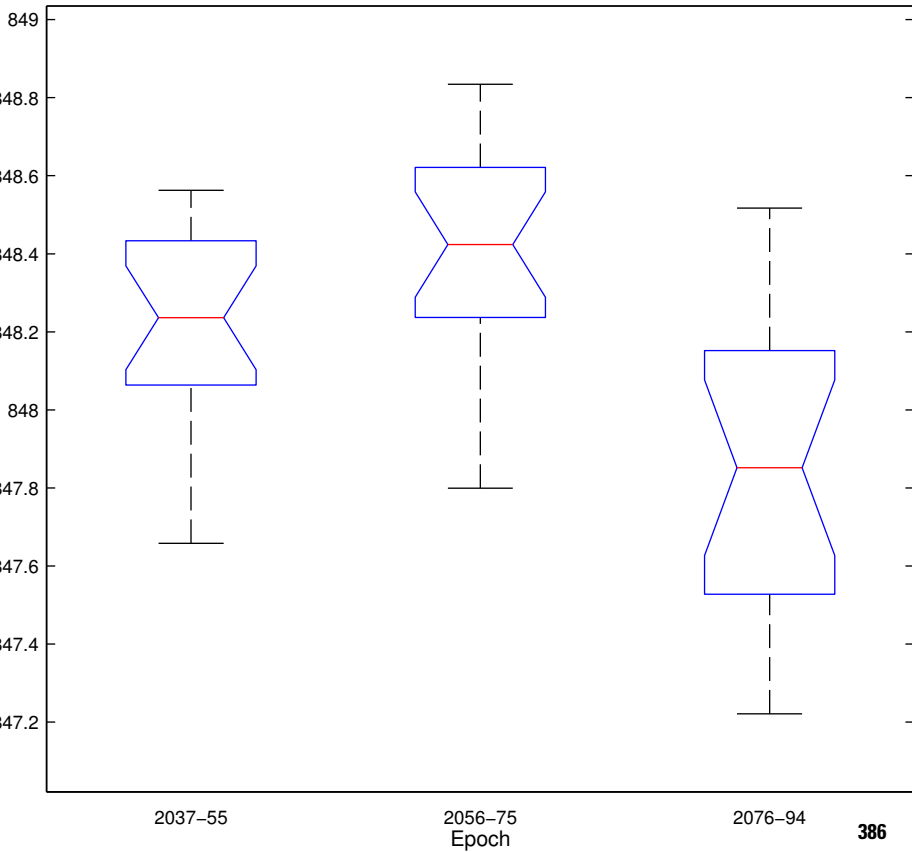
# OSHY – A1b Emission Simulation Results

Median of ensemble monthly-mean November water levels, in feet above NGVD 1929

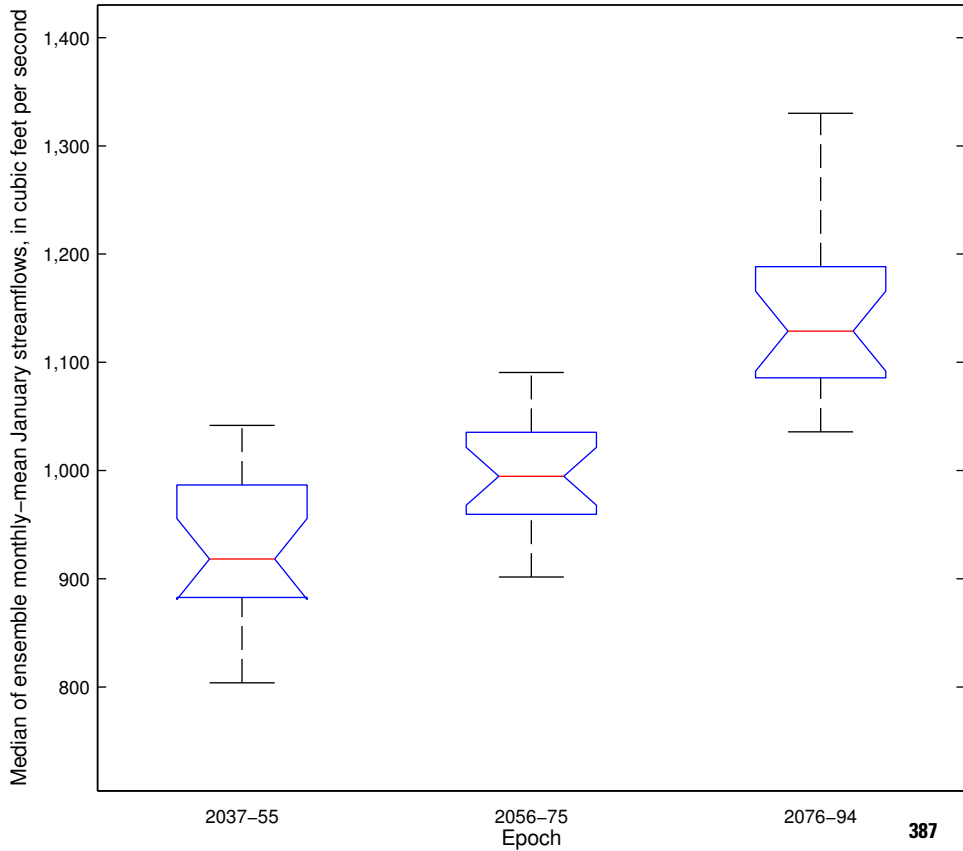


# OSHY – A1b Emission Simulation Results

Median of ensemble monthly-mean December water levels, in feet above NGVD 1929

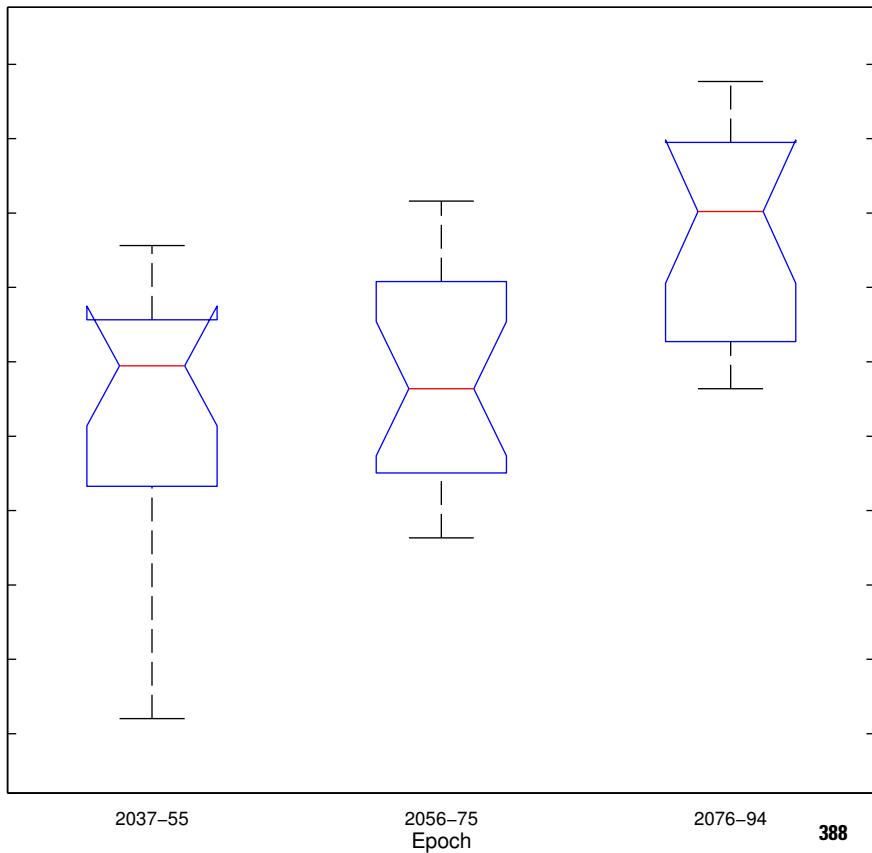


## PROS – A2 Emission Simulation Results

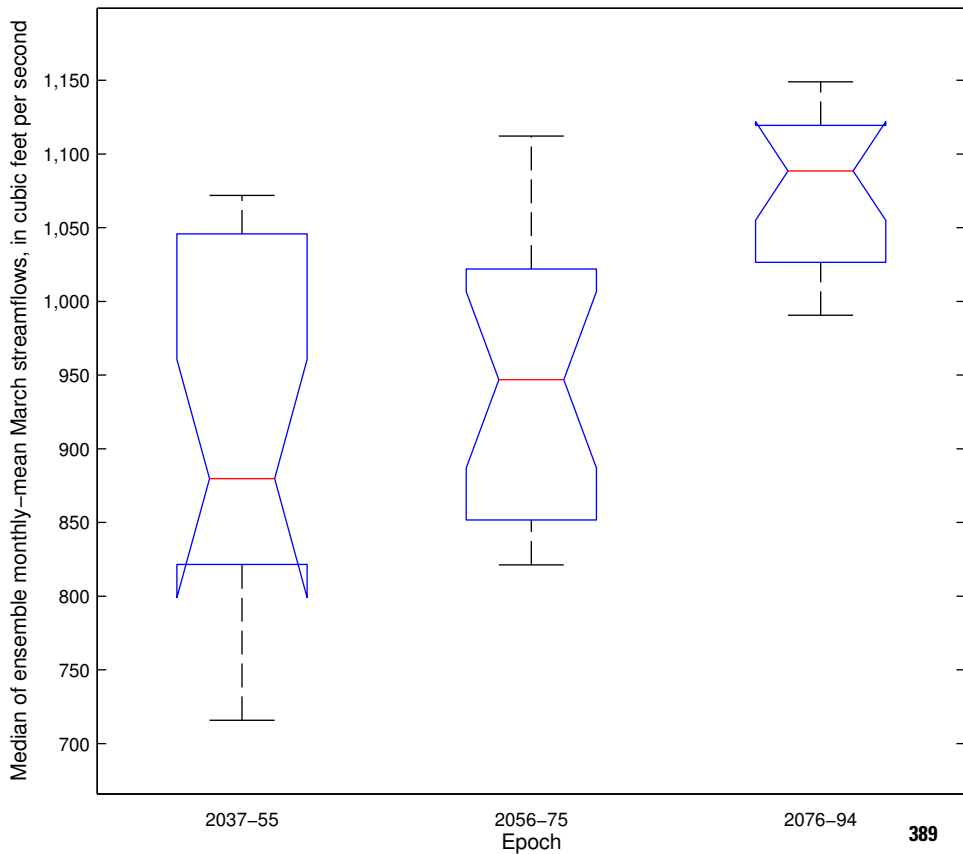


## PROS – A2 Emission Simulation Results

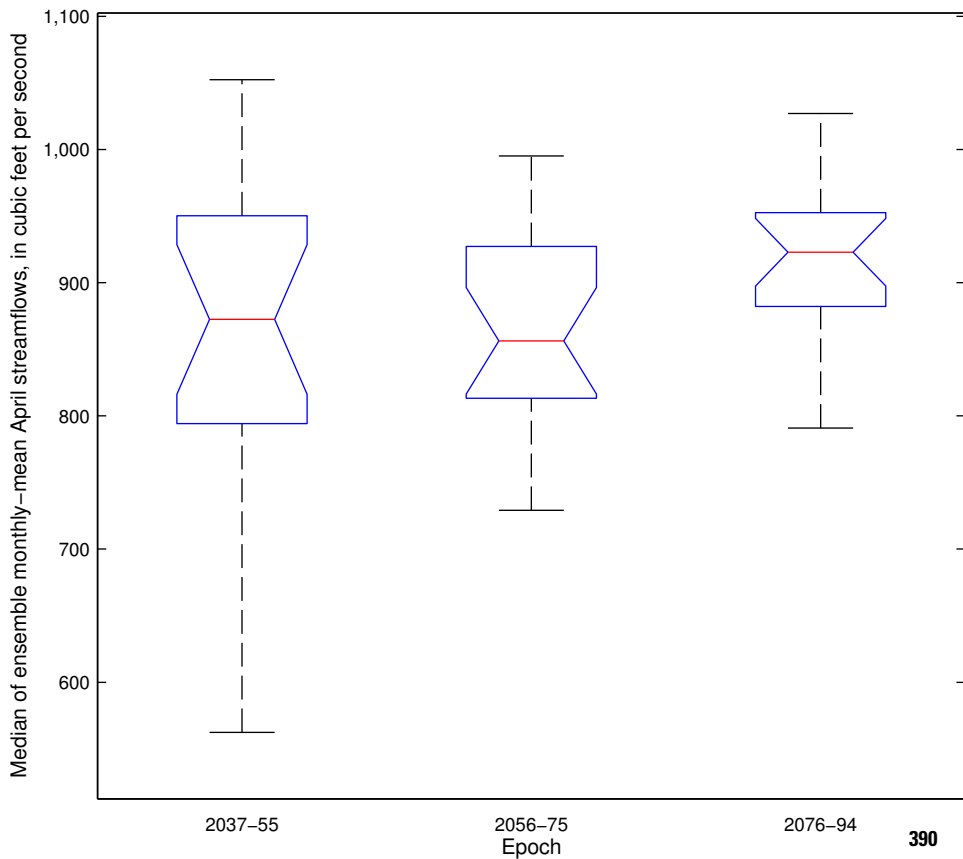
Median of ensemble monthly-mean February streamflows, in cubic feet per second



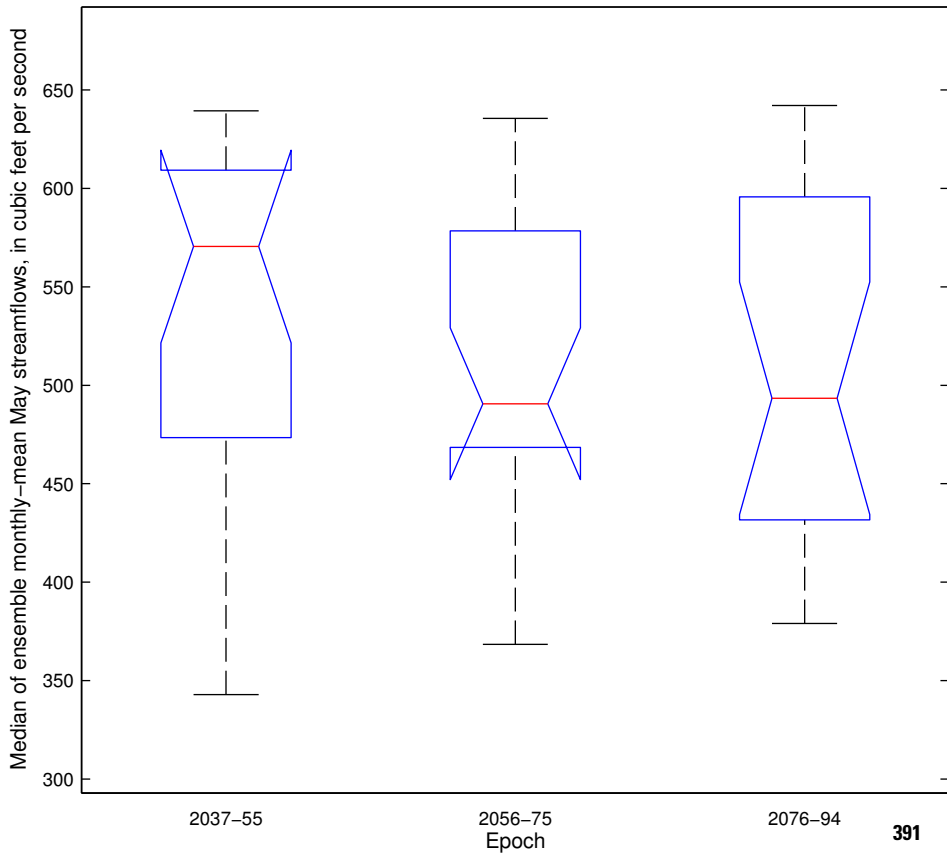
## PROS – A2 Emission Simulation Results



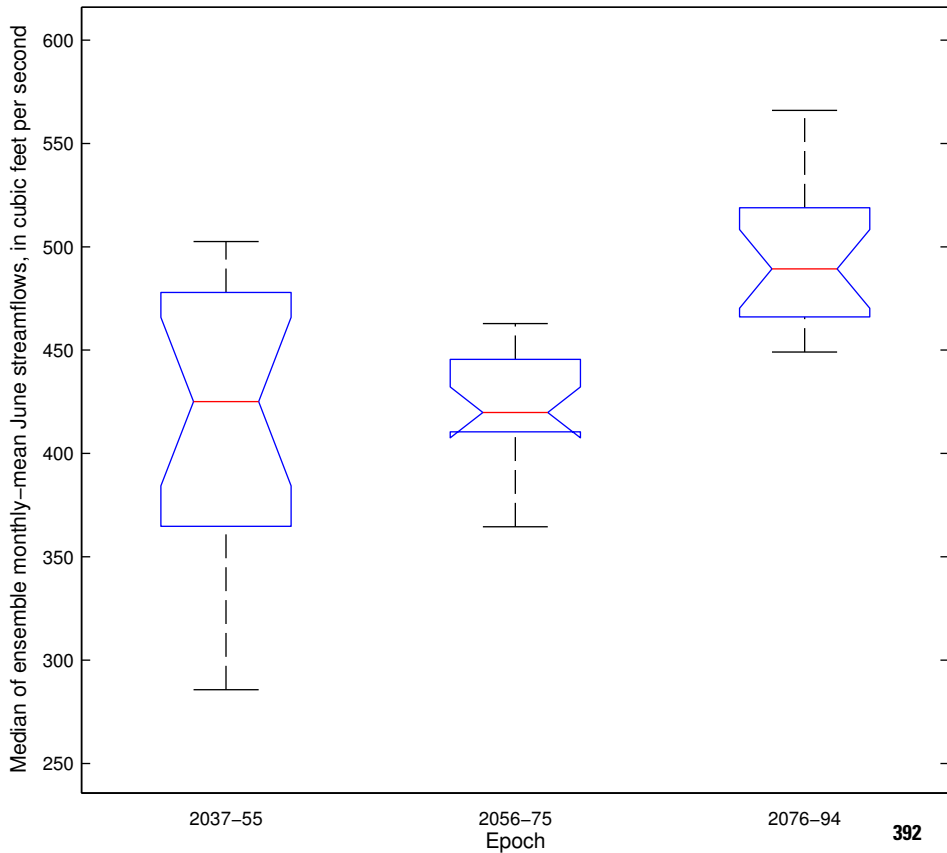
## PROS – A2 Emission Simulation Results



## PROS – A2 Emission Simulation Results

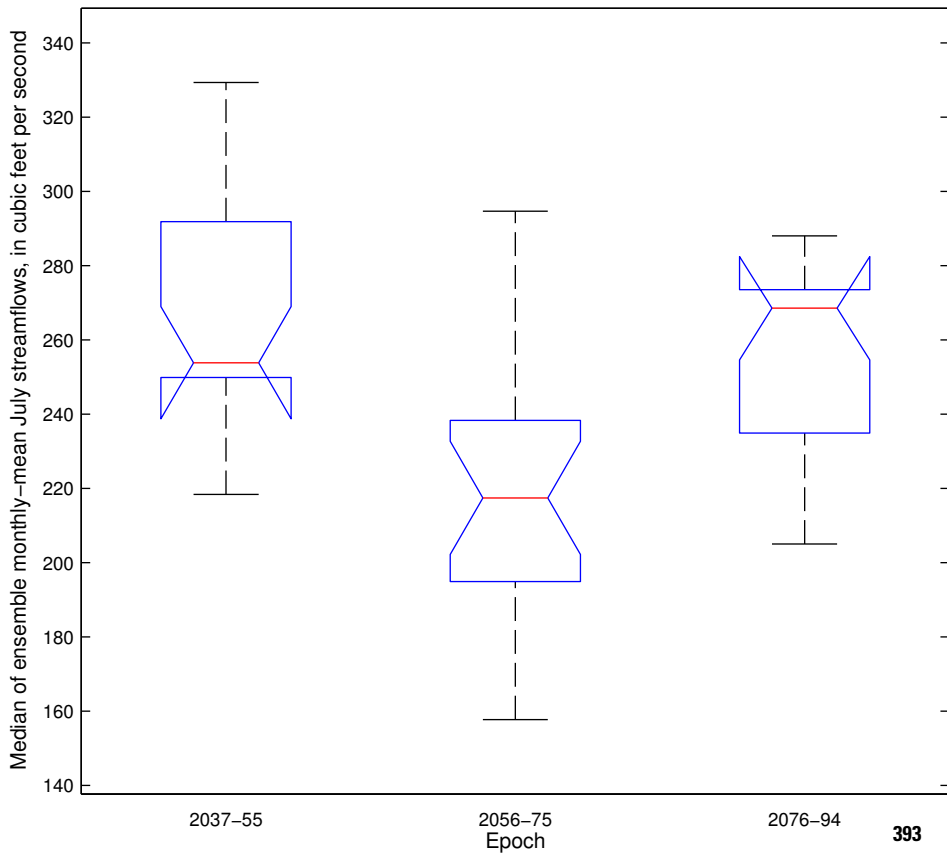


## PROS – A2 Emission Simulation Results

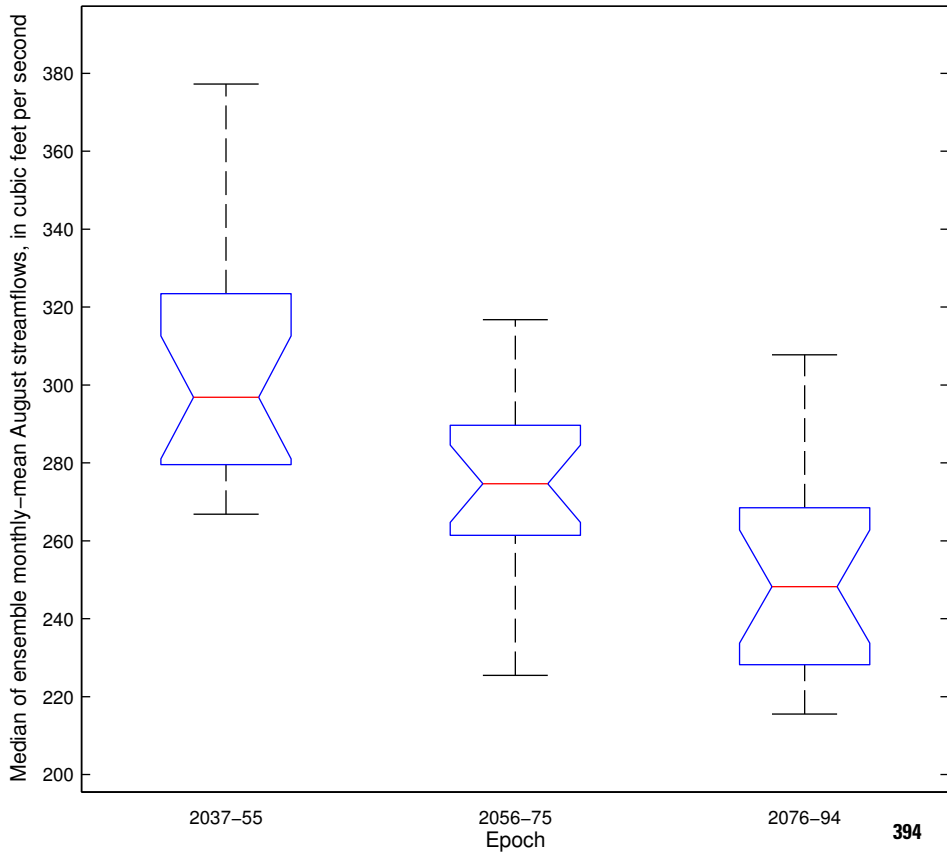




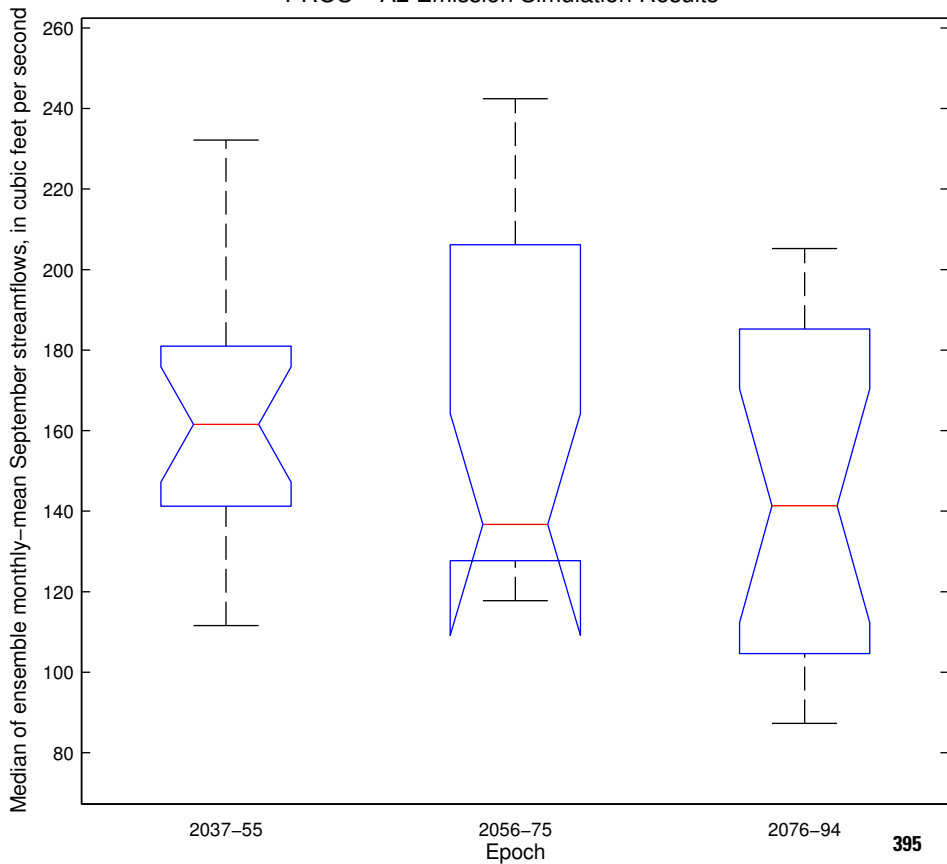
## PROS – A2 Emission Simulation Results



## PROS – A2 Emission Simulation Results



## PROS – A2 Emission Simulation Results



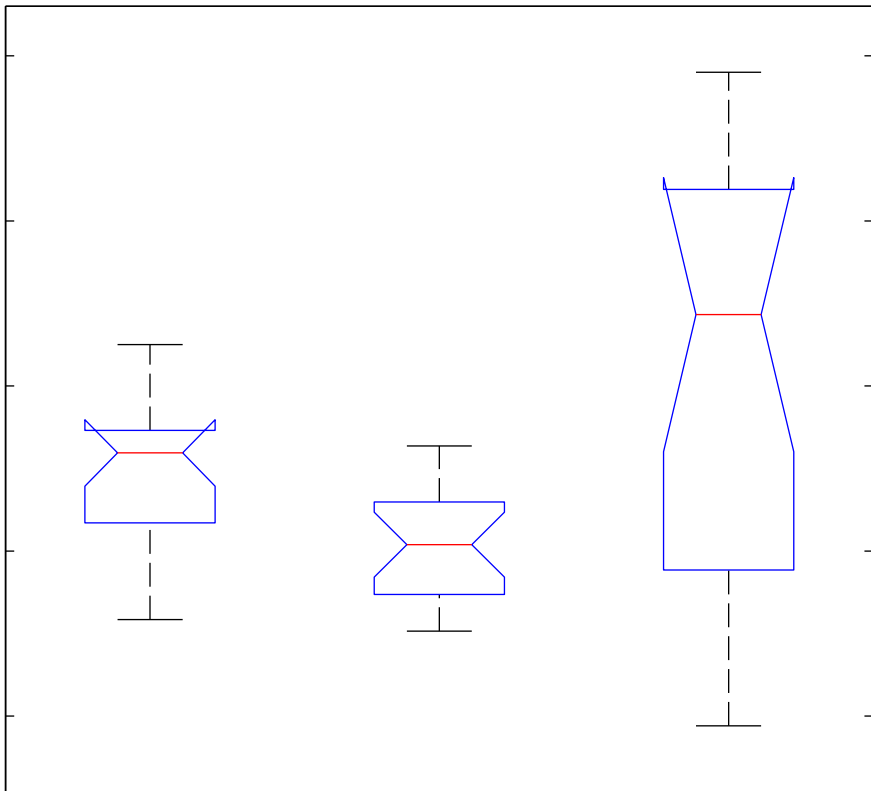
## PROS – A2 Emission Simulation Results

Median of ensemble monthly-mean October streamflows, in cubic feet per second

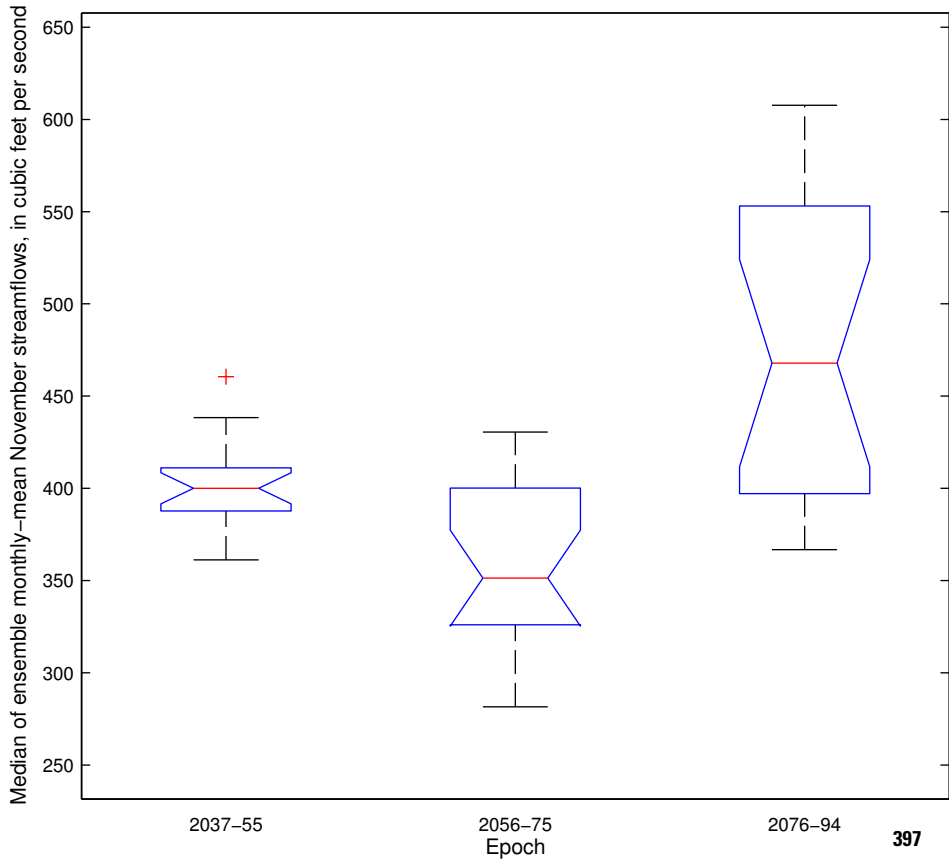
2037–55

2056–75  
Epoch

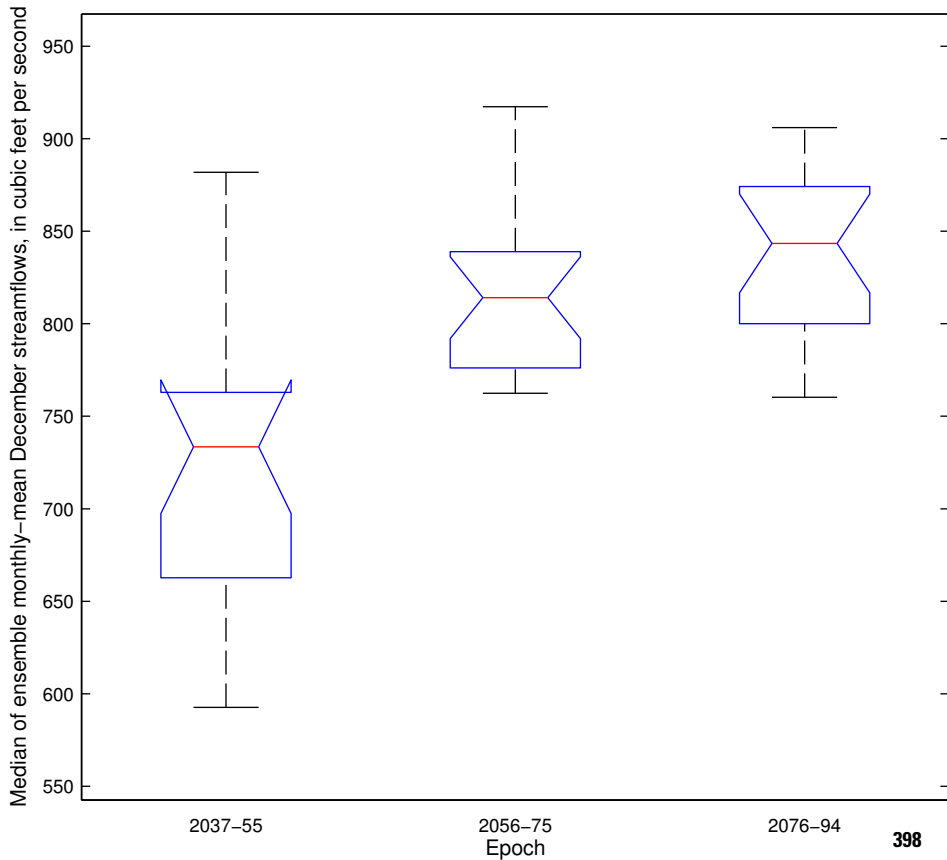
2076–94



# PROS – A2 Emission Simulation Results

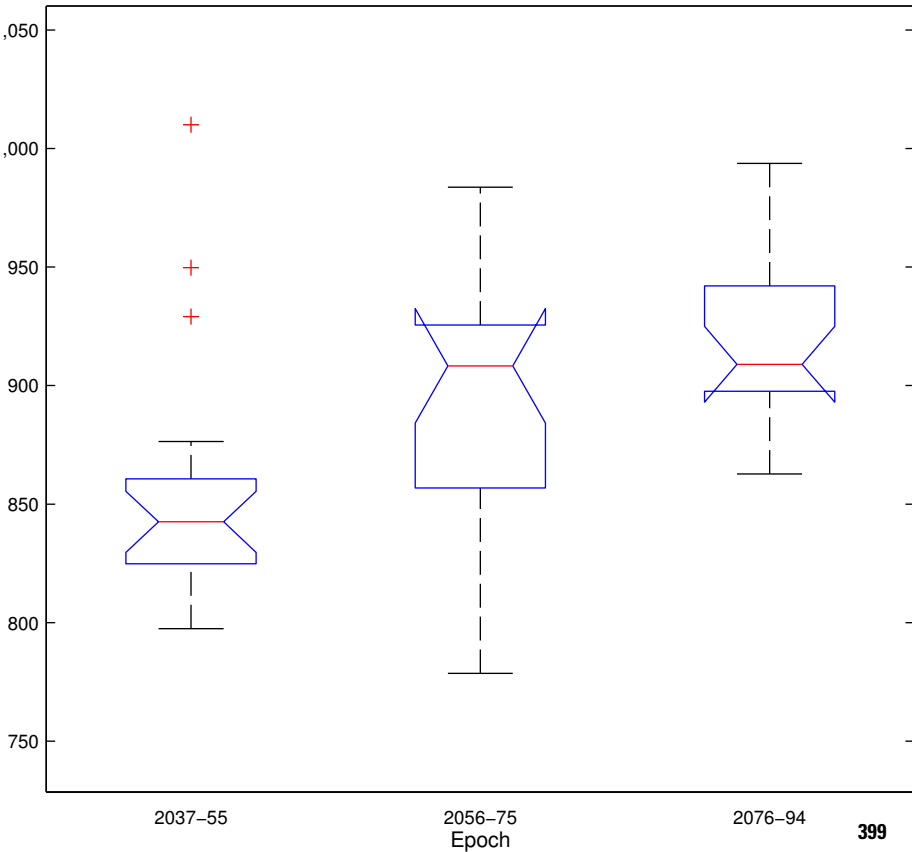


## PROS – A2 Emission Simulation Results



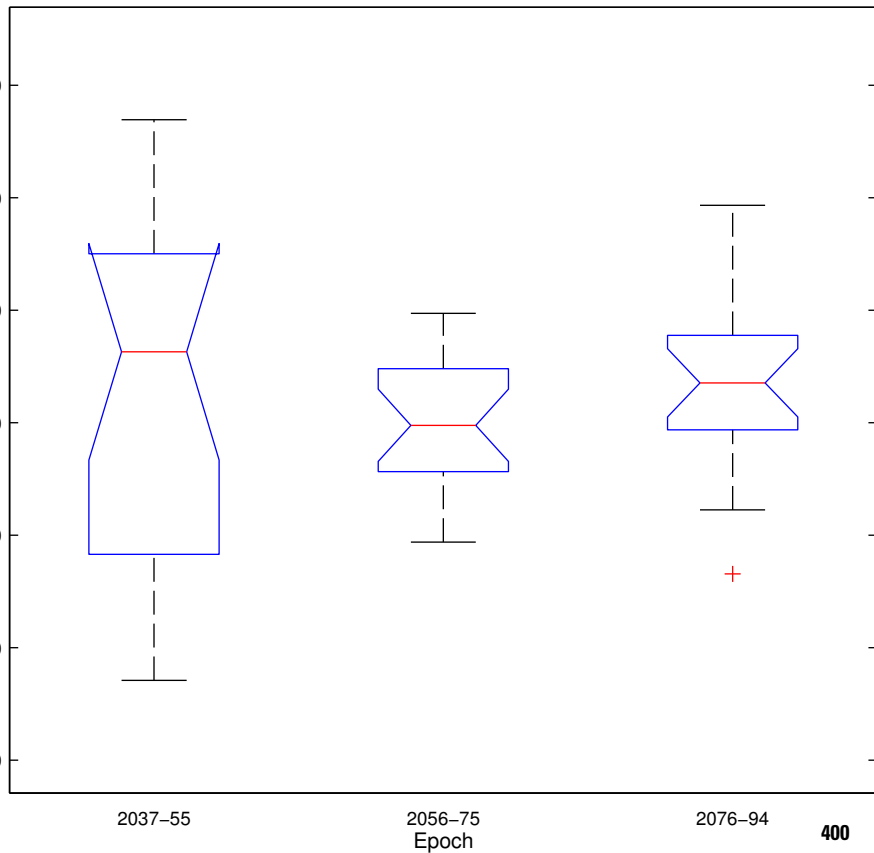
# PROS – A1b Emission Simulation Results

Median of ensemble monthly–mean January streamflows, in cubic feet per second



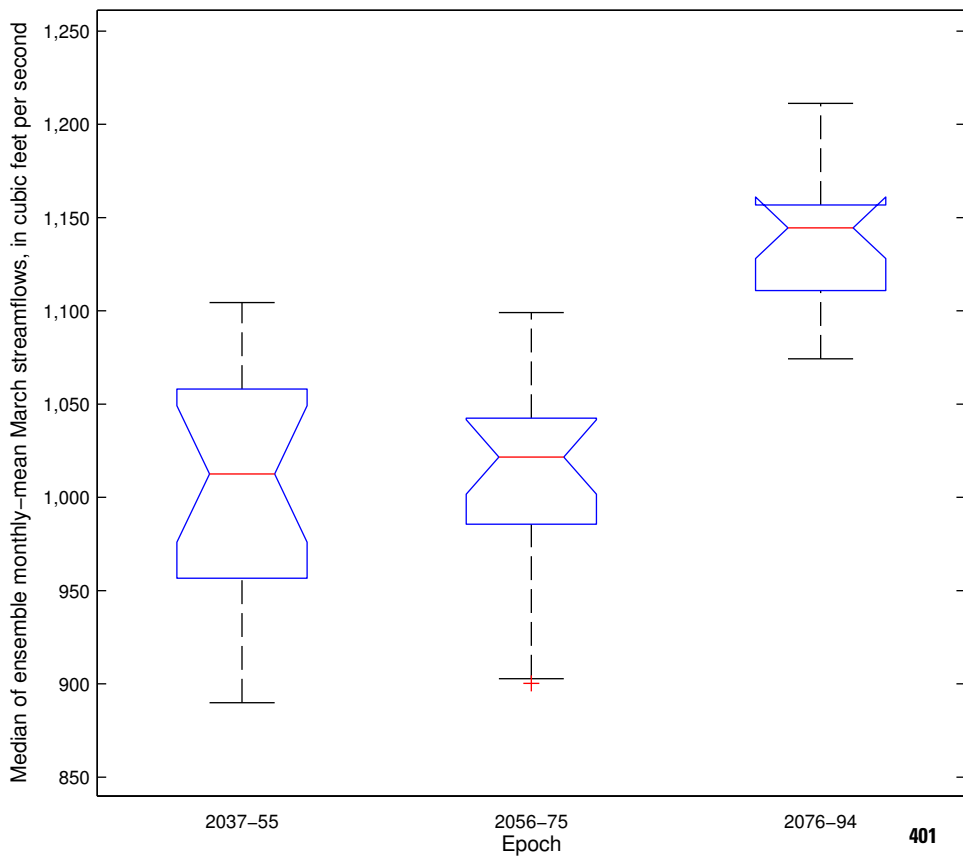
# PROS – A1b Emission Simulation Results

Median of ensemble monthly-mean February streamflows, in cubic feet per second

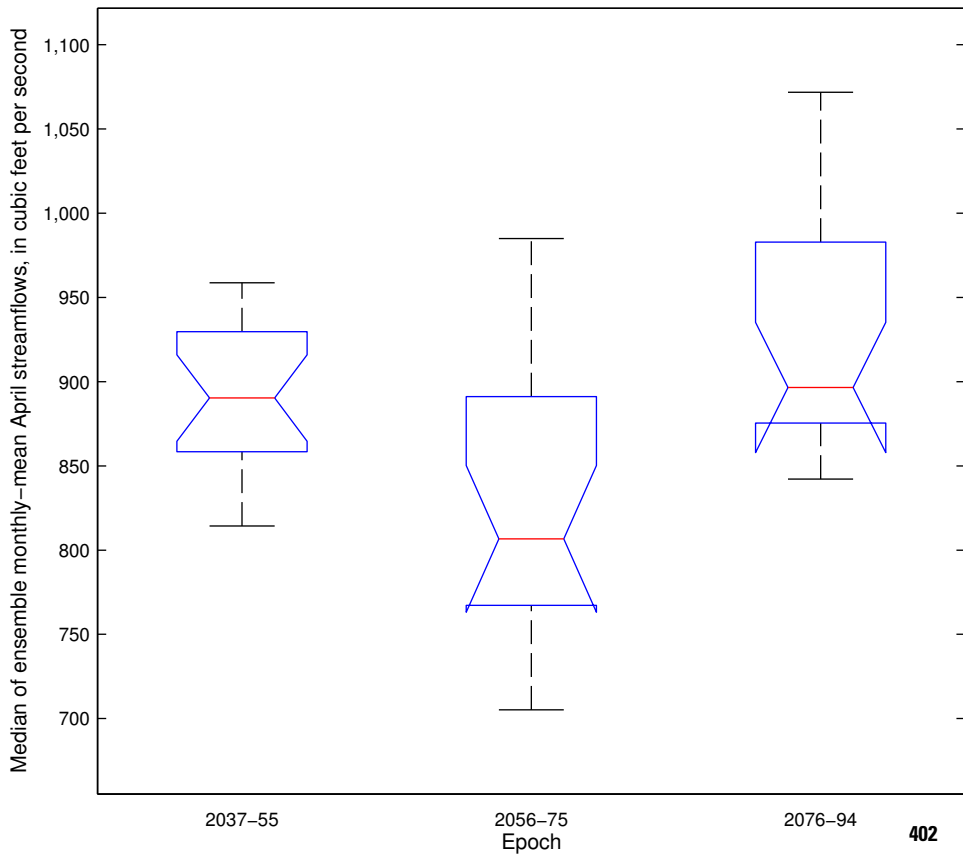




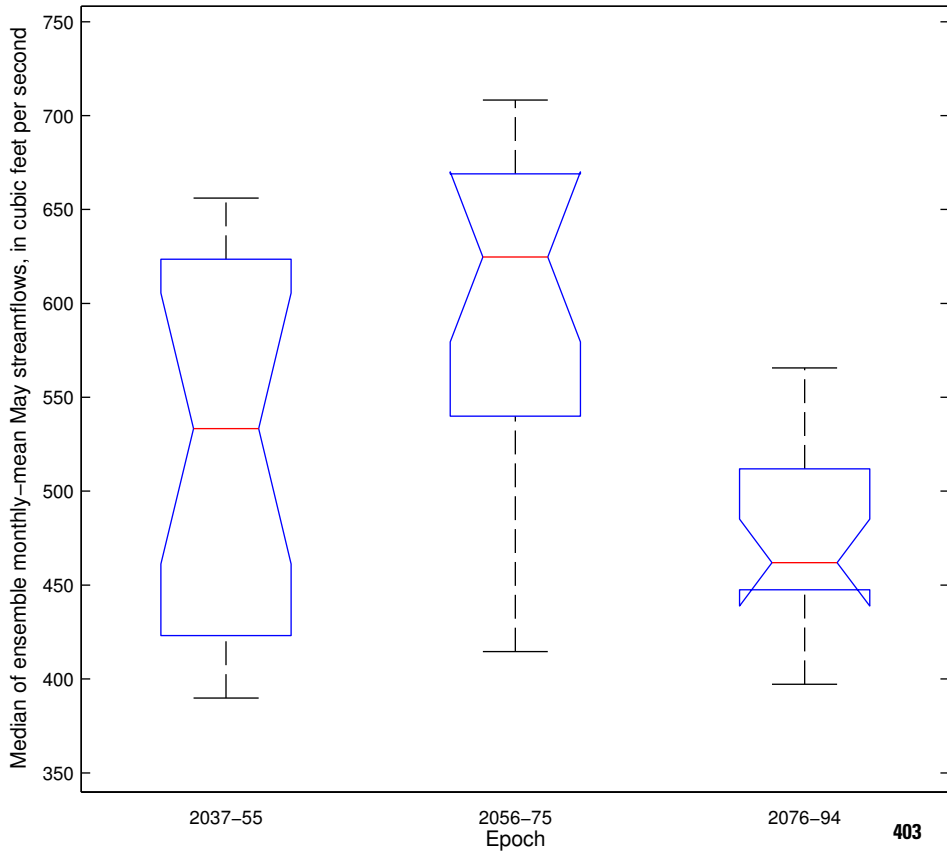
# PROS – A1b Emission Simulation Results



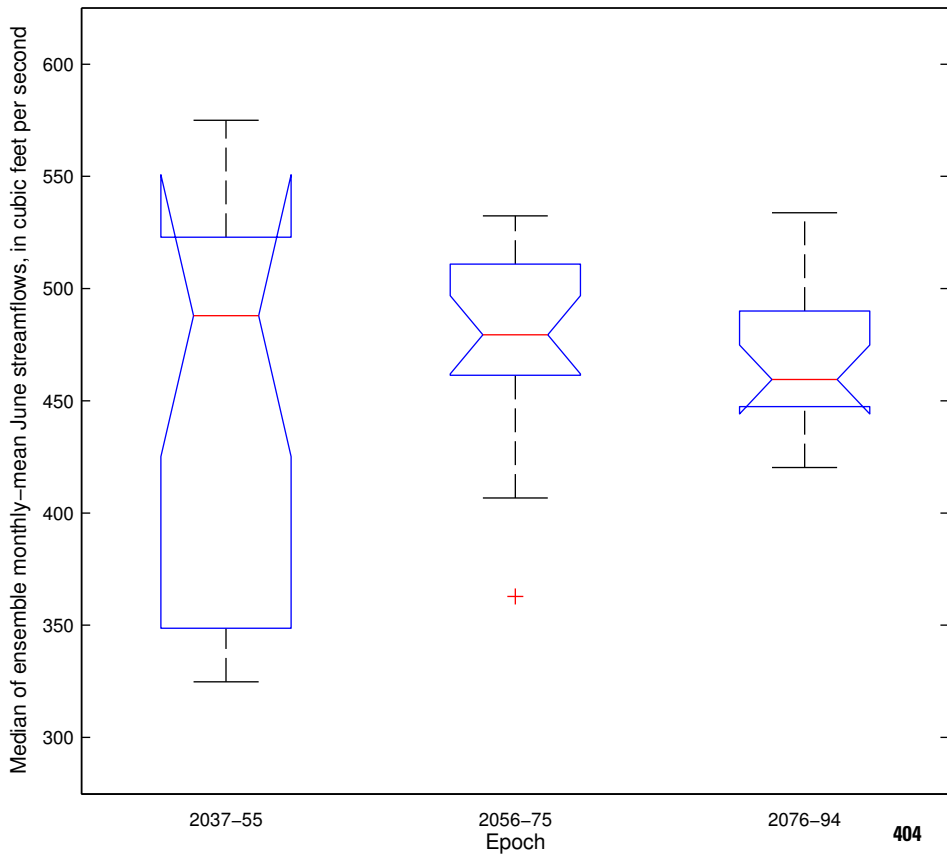
# PROS – A1b Emission Simulation Results



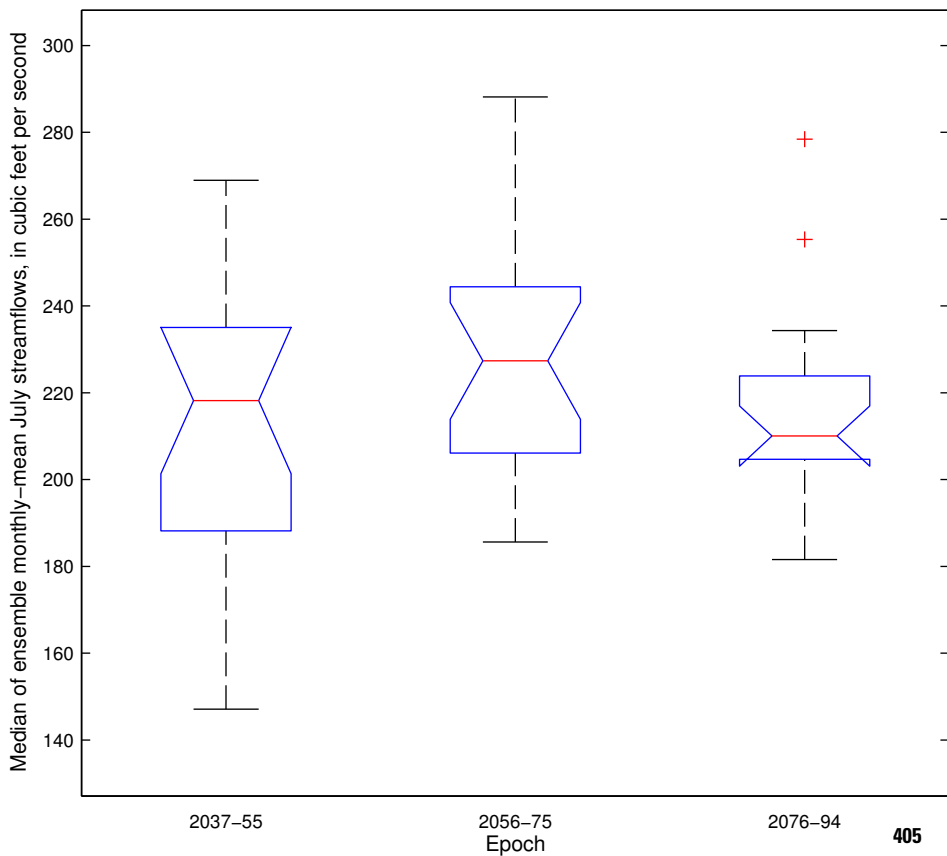
# PROS – A1b Emission Simulation Results



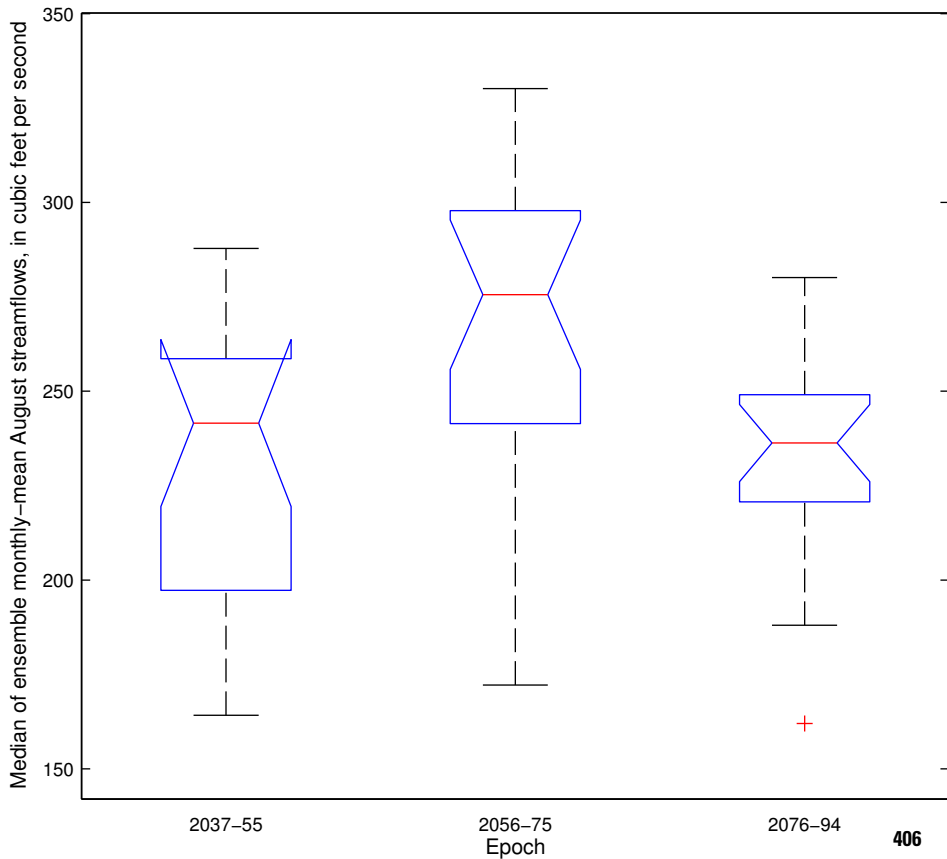
# PROS – A1b Emission Simulation Results



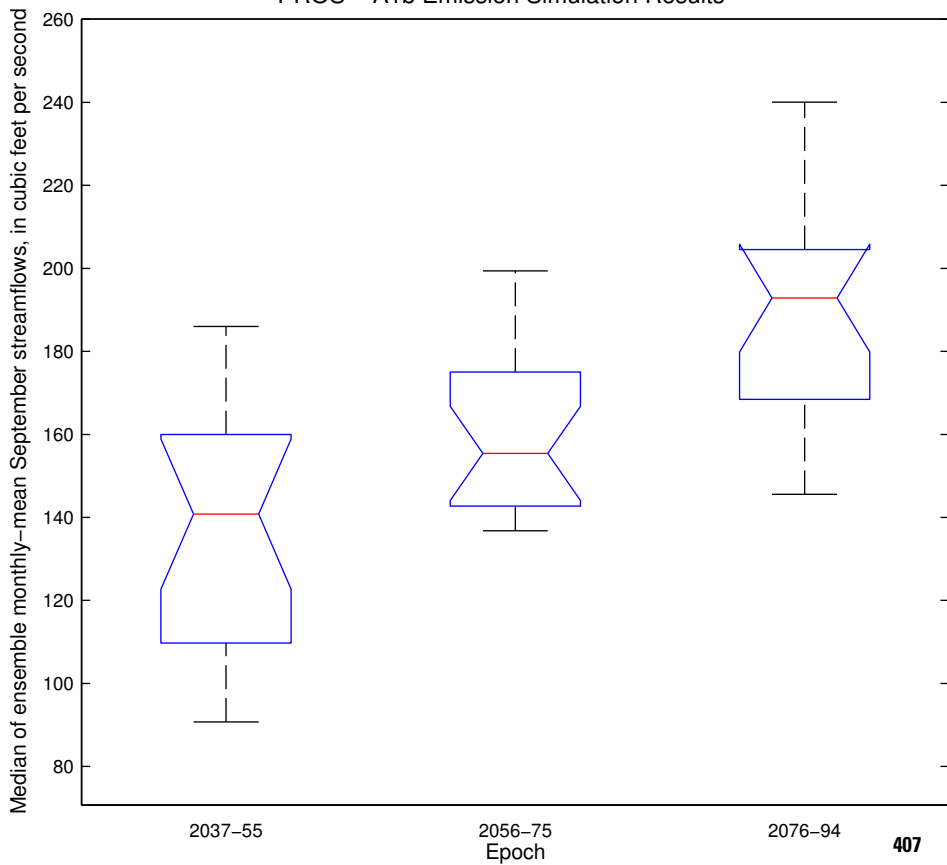
# PROS – A1b Emission Simulation Results



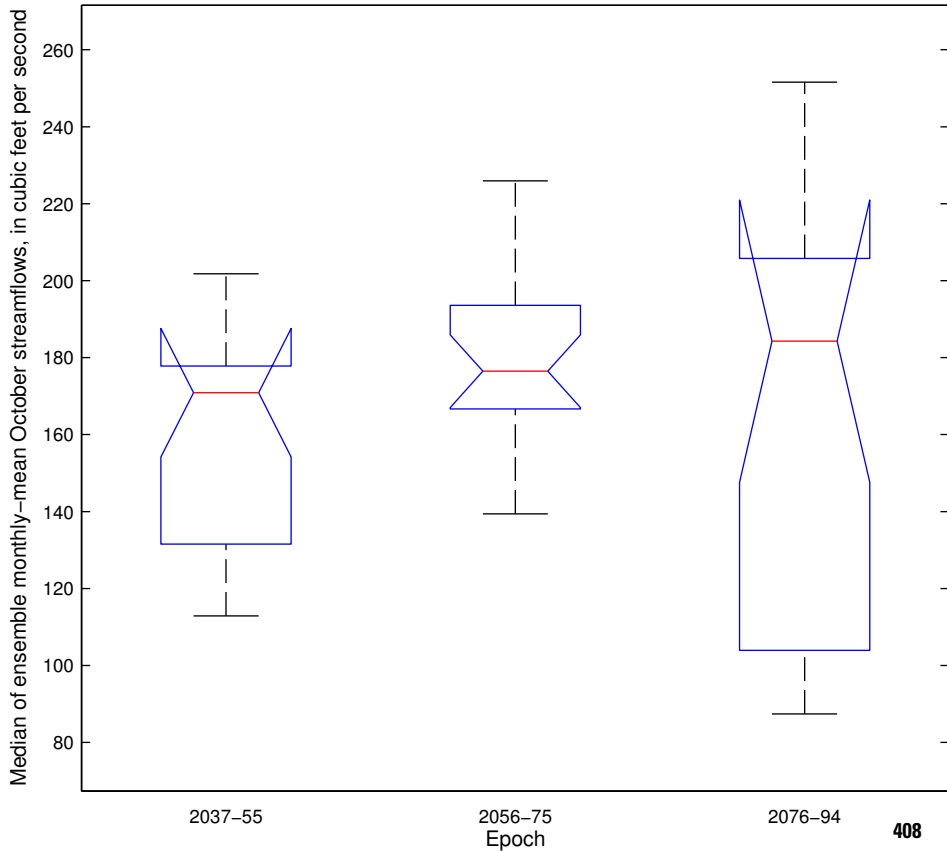
# PROS – A1b Emission Simulation Results



# PROS – A1b Emission Simulation Results

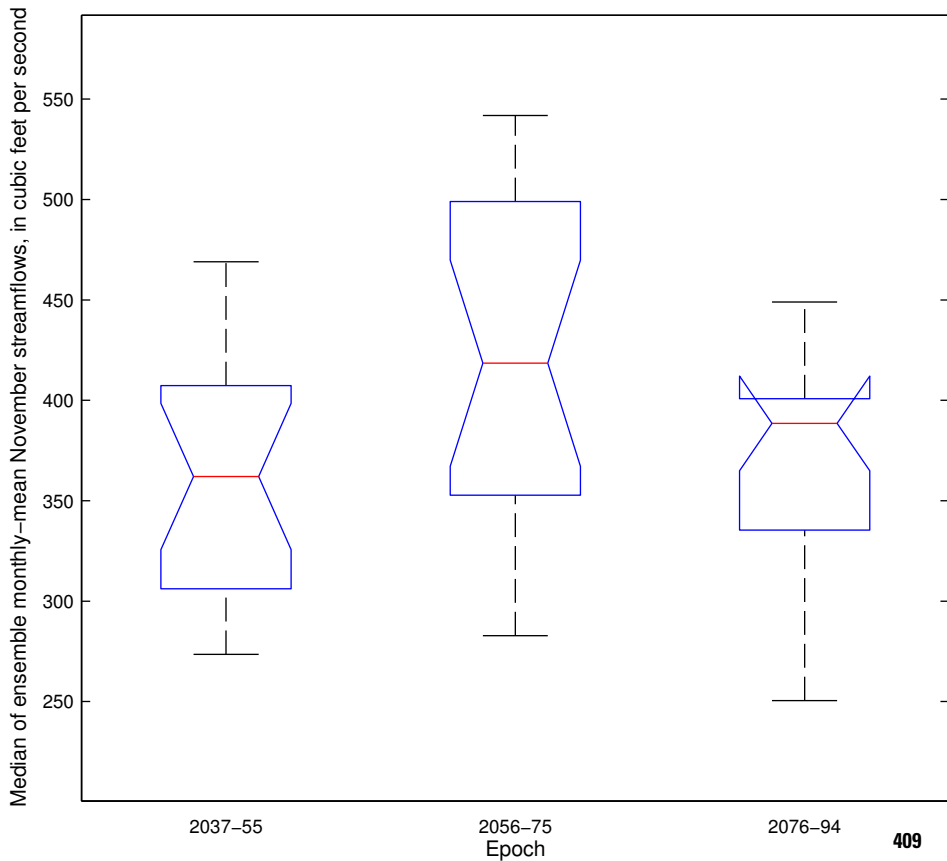


# PROS – A1b Emission Simulation Results





# PROS – A1b Emission Simulation Results



# PROS – A1b Emission Simulation Results

Median of ensemble monthly–mean December streamflows, in cubic feet per second

