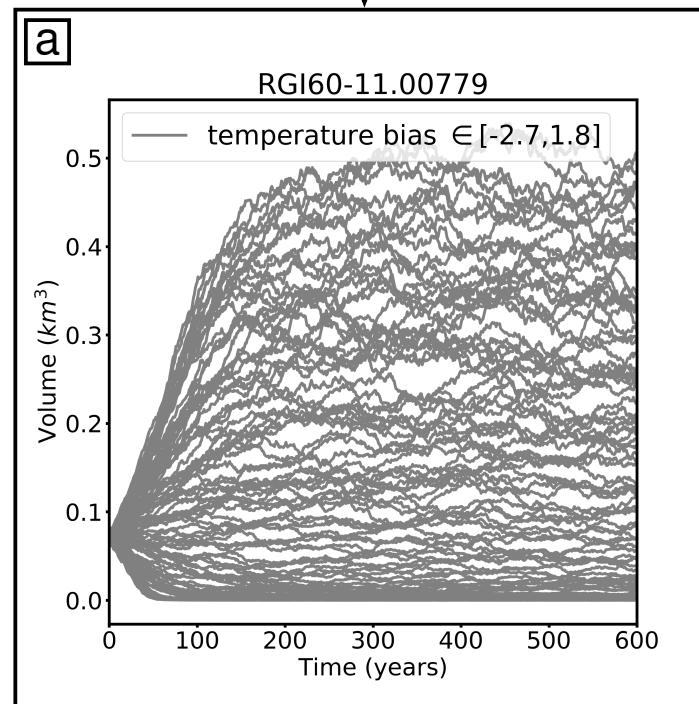


s_{2000}^{obs}

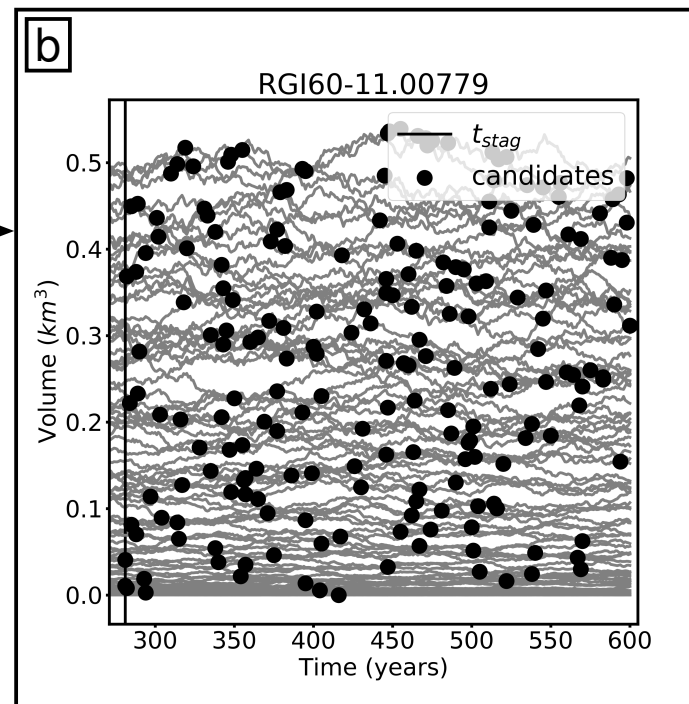
"observed" glacier

Generation

- 600 years with random climate
- different temperature biases

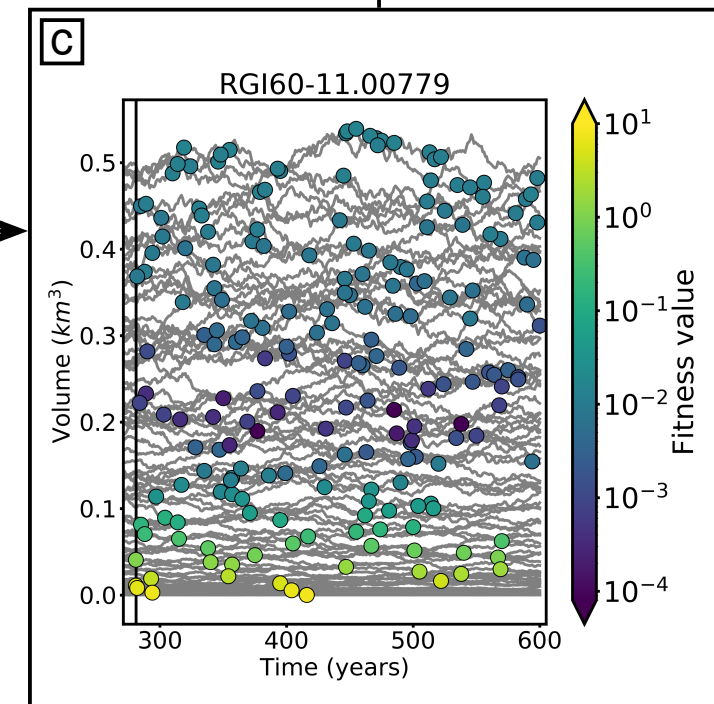
**Selection**

- find t_{stag} (begin of stagnation period)
- classification by volume (n equidistantly distributed classes)
- one candidate per class

**Evaluation**

- forward past climate run (1850-2000)
- fitness function:

$$\frac{1}{\epsilon m} \left\| s_{2000}^{obs} - s_{2000} \right\|_2^2$$



temporal evolution of
glacier candidates
 (sorted by fitness value)