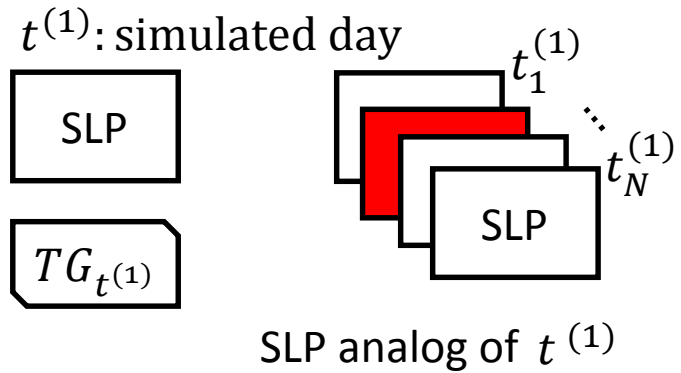
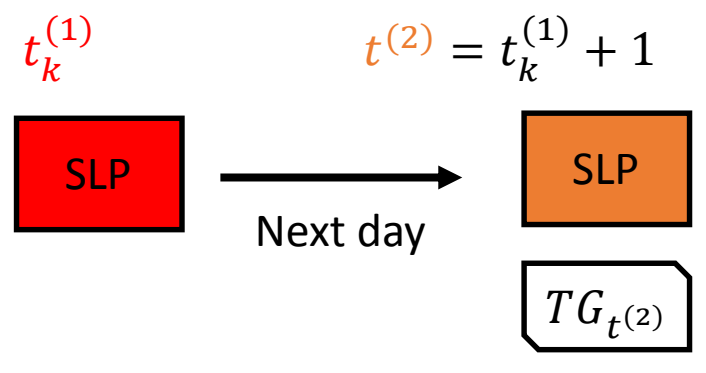


Goal: simulate  $\langle TG \rangle_{forecast} = \frac{1}{T} \sum_{i=1}^T TG_{t^{(i)}}$  for lead times  $T = 5$  to 80 days



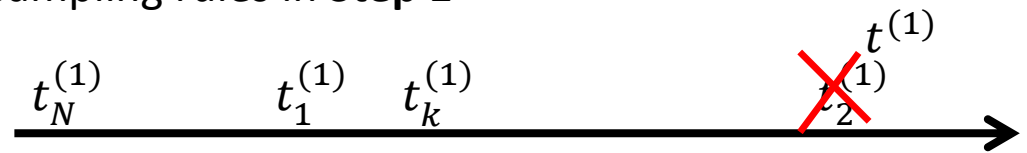
**Step 1:** random selection of analogue day  $k \in 1, \{ \dots, N \}$



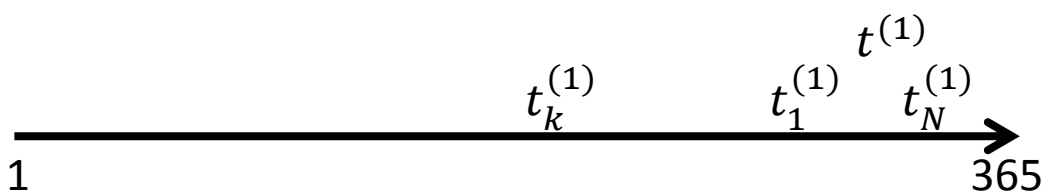
**Step 2:** next day of selected analogue:  $t^{(2)}$

Iterate steps 1 and 2,  $T-1$  times to simulate 1 trajectory

Sampling rules in **Step 1**



Delete analogue in same year as  $t^{(1)}$



Weights proportional to proximity to calendar date of  $t^{(1)}$