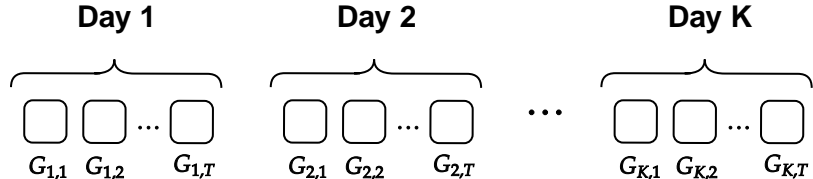
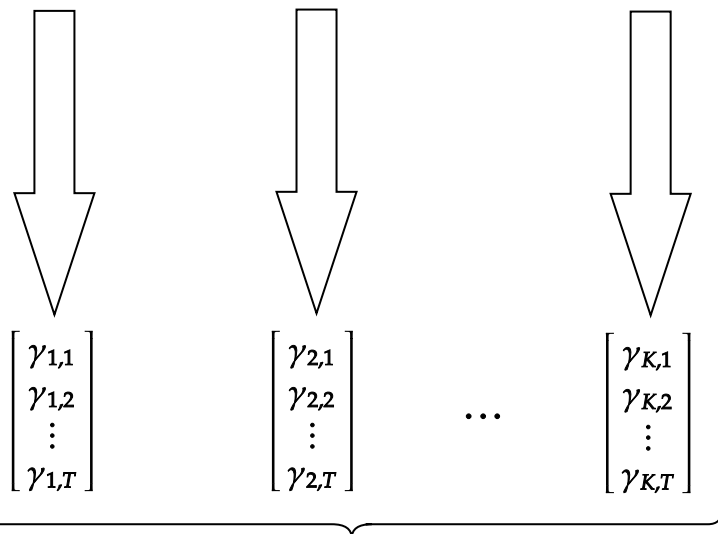


**Image Dataset**



## 1. Day-level Pre-Processing

**Clear sky  
pseudo-indices**



## 2. Match time to hours

**Hour-level  
pseudo-indices**

	$Hour_1$	$Hour_2$	...	$Hour_M$
$Day_1$	$\{\gamma_{1,1}, \dots, \gamma_{1,\tau}\}$	$\{\gamma_{1,\tau+1}, \dots, \gamma_{1,2\tau}\}$		$\{\gamma_{1,M-\tau}, \dots, \gamma_{1,T}\}$
$Day_2$	$\{\gamma_{2,1}, \dots, \gamma_{2,\tau}\}$	$\{\gamma_{2,\tau+1}, \dots, \gamma_{2,2\tau}\}$		$\{\gamma_{2,M-\tau}, \dots, \gamma_{2,T}\}$
$\vdots$			$\ddots$	
$Day_K$	$\{\gamma_{L,1}, \dots, \gamma_{L,\tau}\}$	$\{\gamma_{L,\tau+1}, \dots, \gamma_{L,2\tau}\}$		$\{\gamma_{L,M-\tau}, \dots, \gamma_{L,T}\}$

## 3. Compile CSD

<b>Clear sky Dictionary</b>		$Hour_1$	$Hour_2$	...	$Hour_M$
	CSD	$k_1^*, t_1^*$	$k_2^*, t_2^*$	...	$k_M^*, t_M^*$