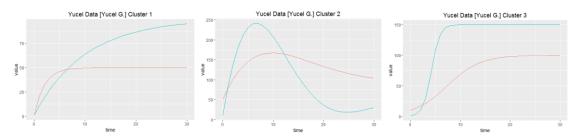
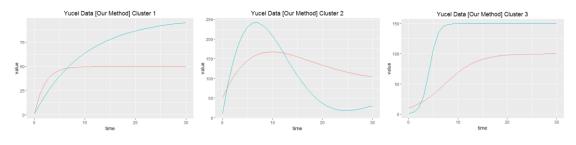
# Data From Yücel (2012)

# Yücel (2012) Method

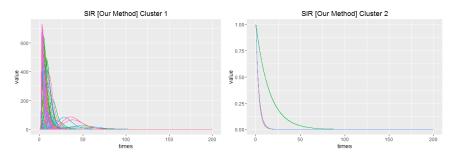


# Qualitative Clustering Method

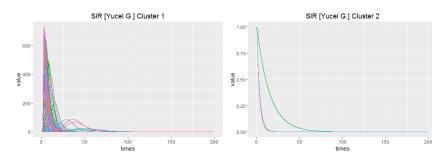


#### SIR Data

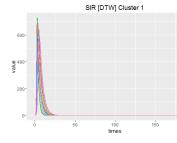
#### **Qualitative Clustering Method**

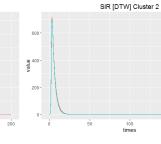


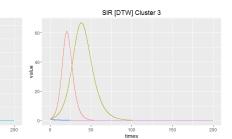
#### Yücel (2012) Method

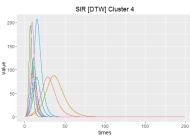


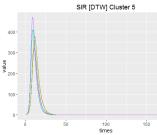
#### DTW Method



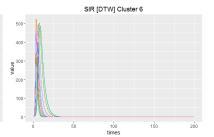


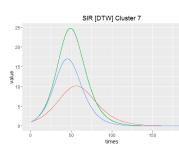


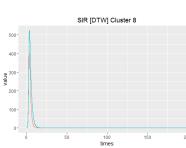




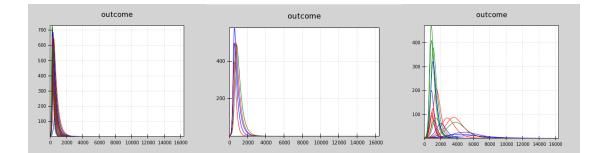
150





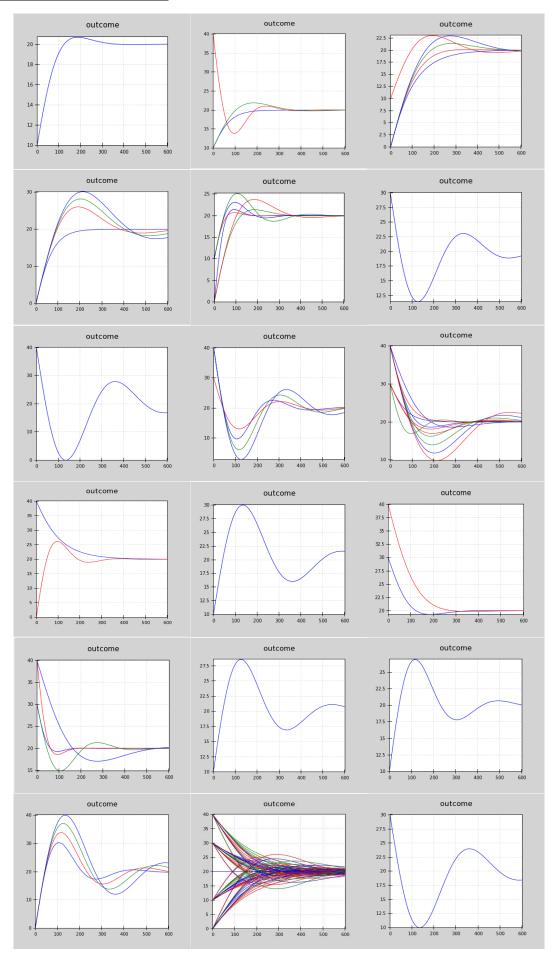


## Yücel and Barlas (2015) Method

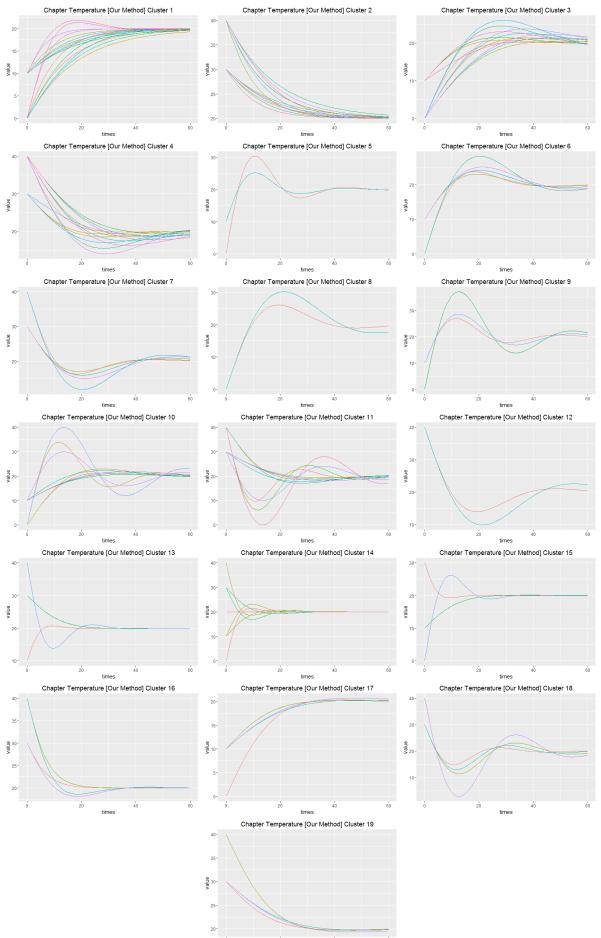


#### Data from Yücel and Barlas (2015)

#### Yücel and Barlas (2015) Method

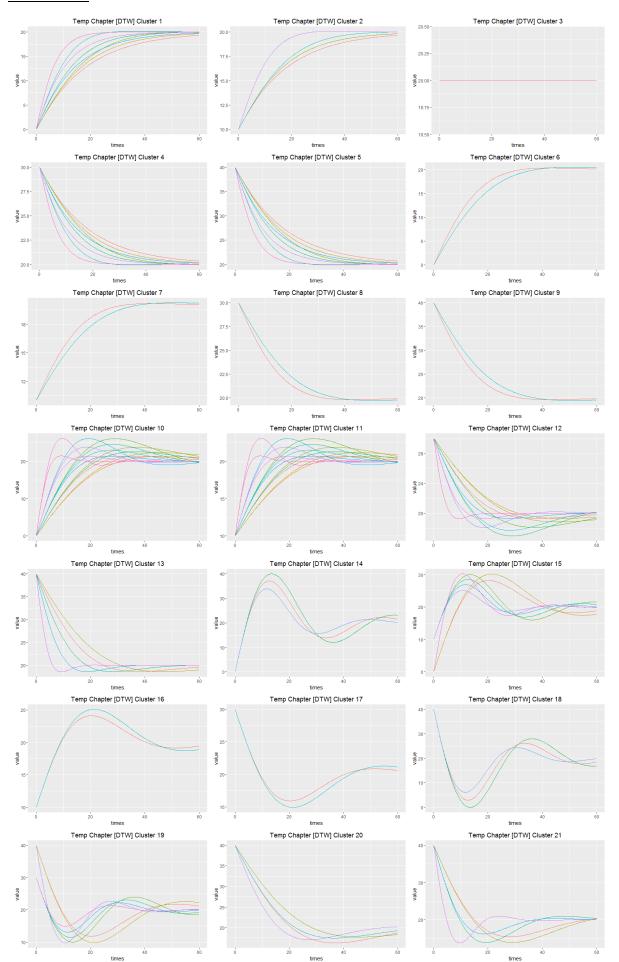


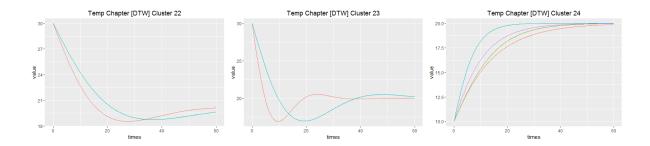
#### **Qualitative Clustering Method**



0 20 40 60 times

DTW Method





### Temperature Model with small range of parameters

#### Temperature (small) [Our Method] Cluster 1 Temperature (small) [Our Method] Cluster 2 Temperature (small) [Our Method] Cluster 3 25 15 value 10 Temperature (small) [Our Method] Cluster 4 Temperature (small) [Our Method] Cluster 5 Temperature (small) [Our Method] Cluster 6 25-20 Aalue alue 10 20 20 30 40 20 30 times times times

#### **Qualitative Clustering Method**

#### Yücel (2012) Method

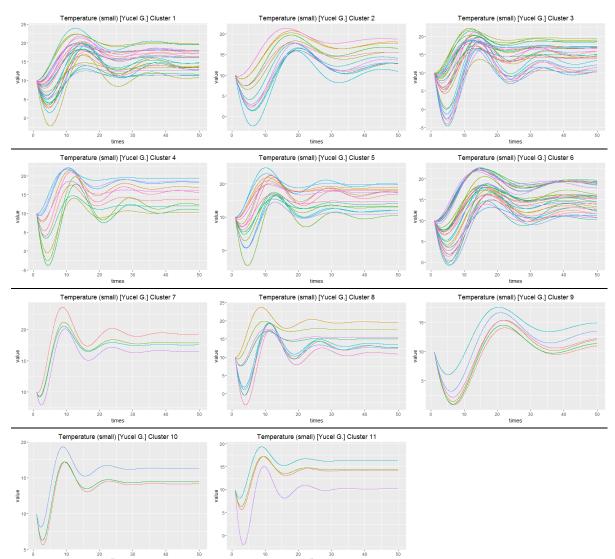
10

20

30 times

50

40



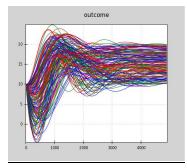
20

30

times

40

# Yücel and Barlas (2015) Method



#### DTW Method

10

20

30 times 40

