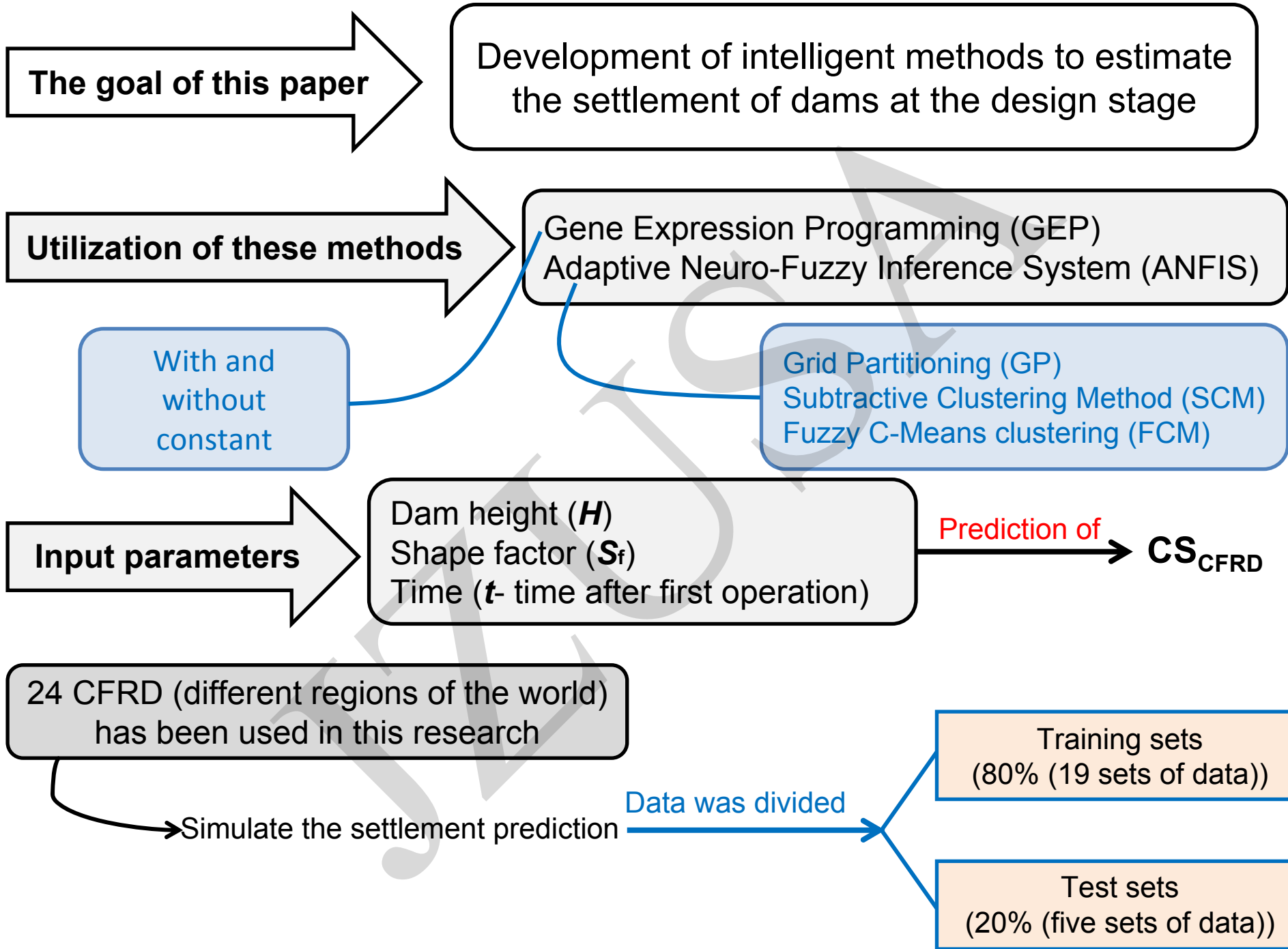


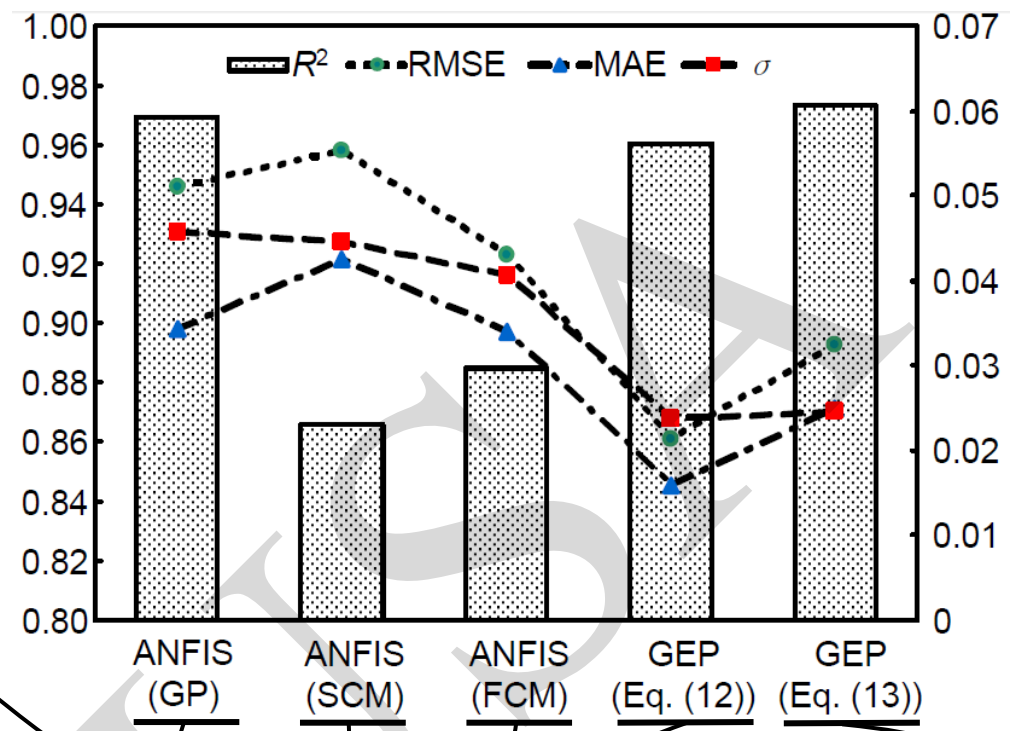
# Predicting crest settlement in concrete face rockfill dams using adaptive neuro-fuzzy inference system and gene expression programming intelligent methods

基于自适应模糊神经网络推理系统和基因表达式编程智能方法的混凝土面板堆石坝沉降预测

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Results of this study



$R^2=0.9693$   
 RMSE=0.0510  
 MAE=0.0342  
 $\sigma=0.0457$

$R^2=0.8657$   
 RMSE=0.0553  
 MAE=0.0425  
 $\sigma=0.0445$

$R^2=0.8848$   
 RMSE=0.0430  
 MAE=0.0341  
 $\sigma=0.0407$

$R^2=0.9603$   
 RMSE=0.0213  
 MAE=0.0158  
 $\sigma=0.0238$

$R^2=0.9734$   
 RMSE=0.0325  
 MAE=0.0248  
 $\sigma=0.0245$