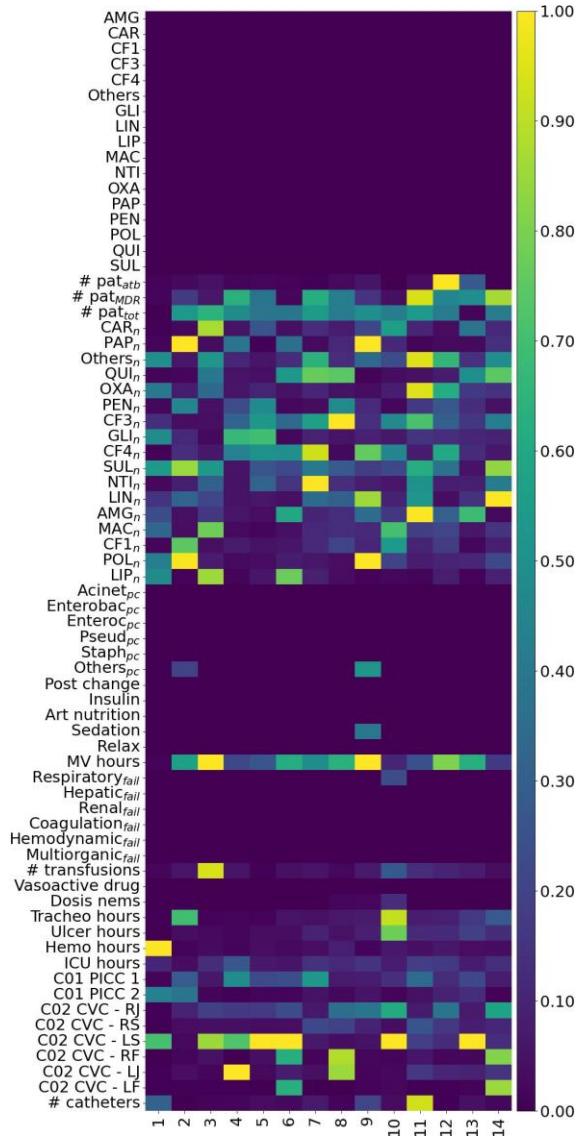
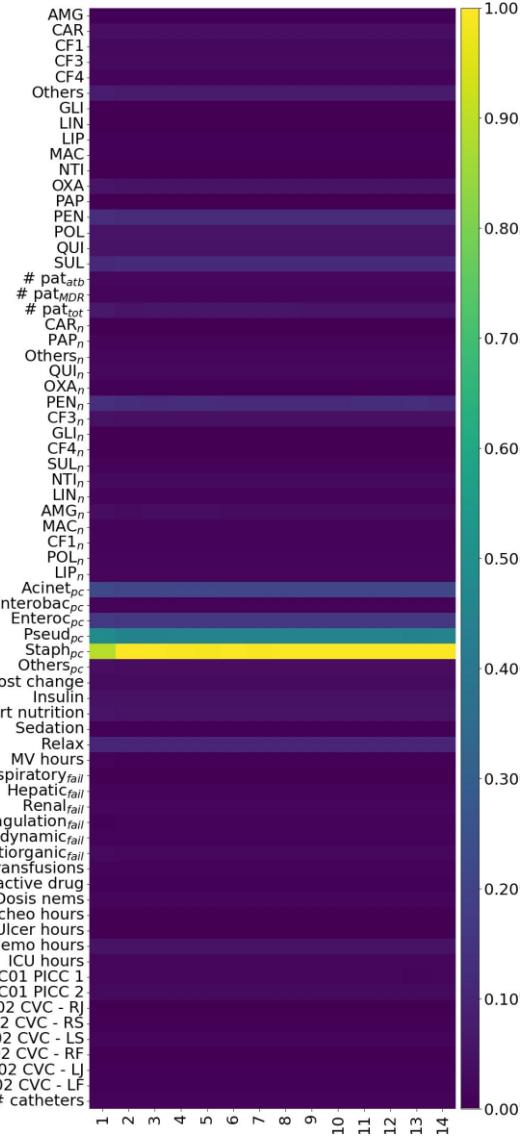


# MULTIDRUG RESISTANCE

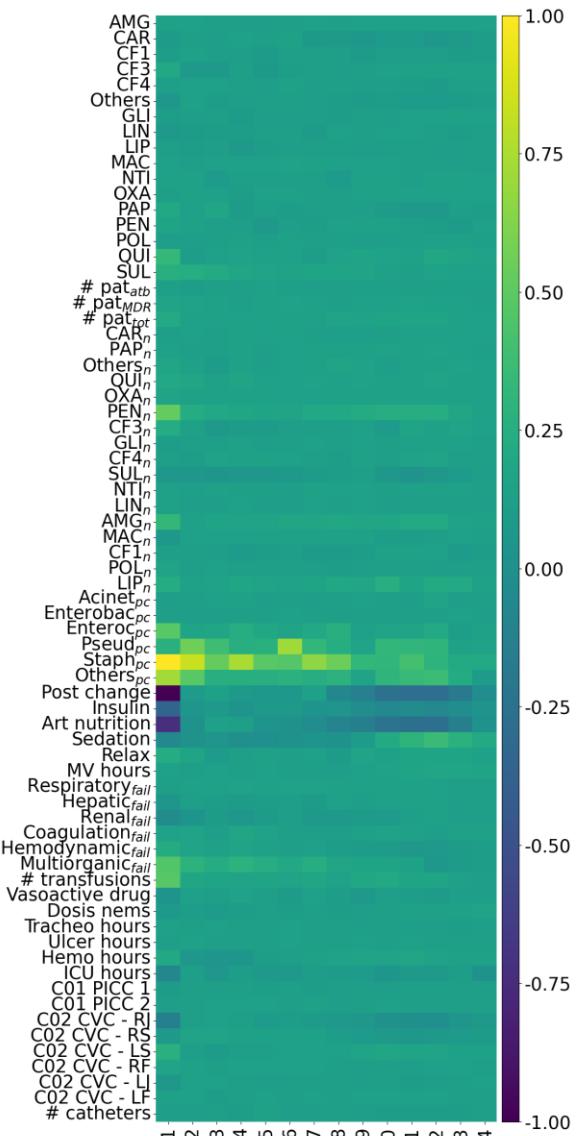
## GRU - SPLIT 1



(a)



(b)

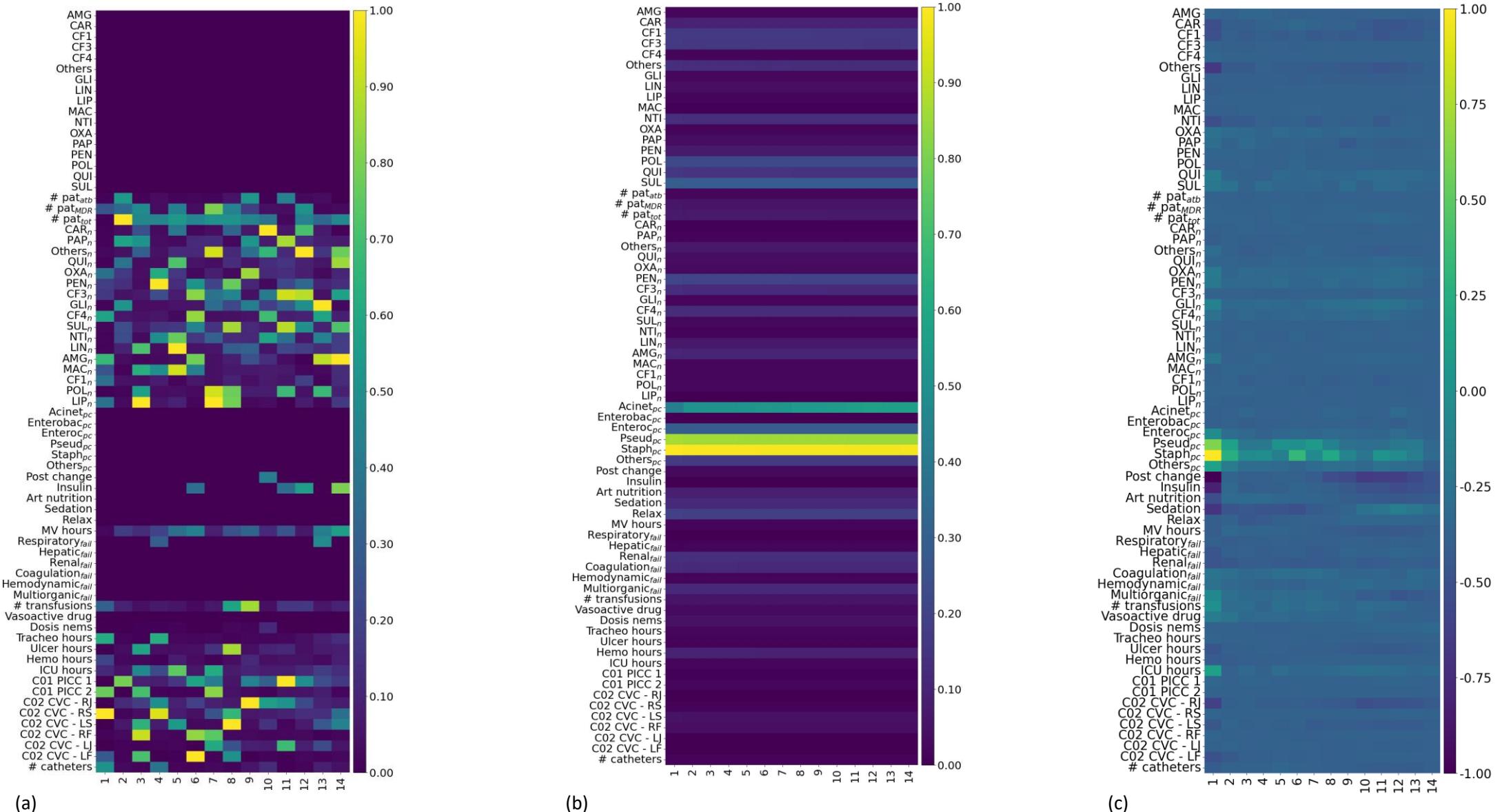


(c)

(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step.

# MULTIDRUG RESISTANCE

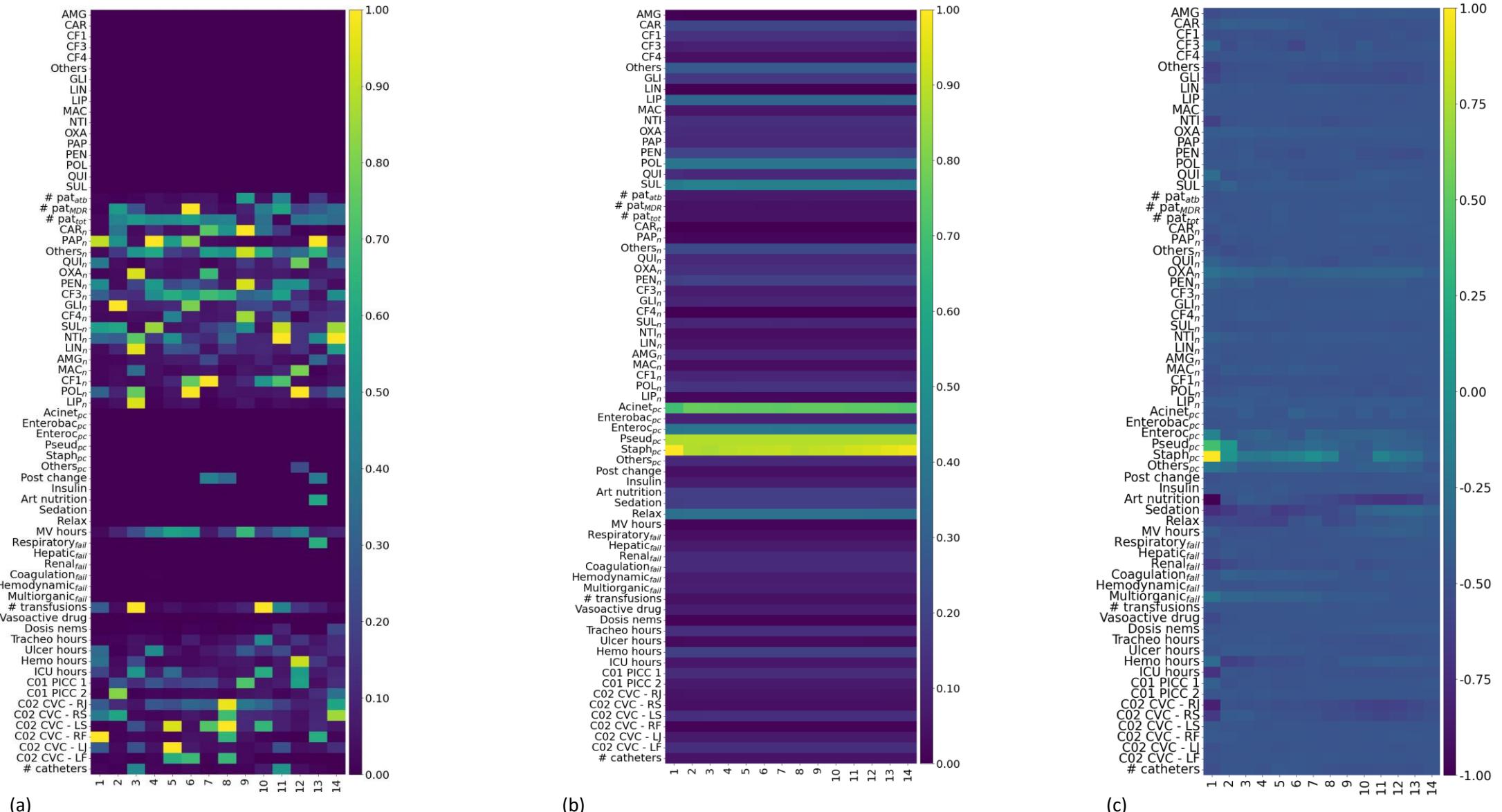
## GRU - SPLIT 2



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# MULTIDRUG RESISTANCE

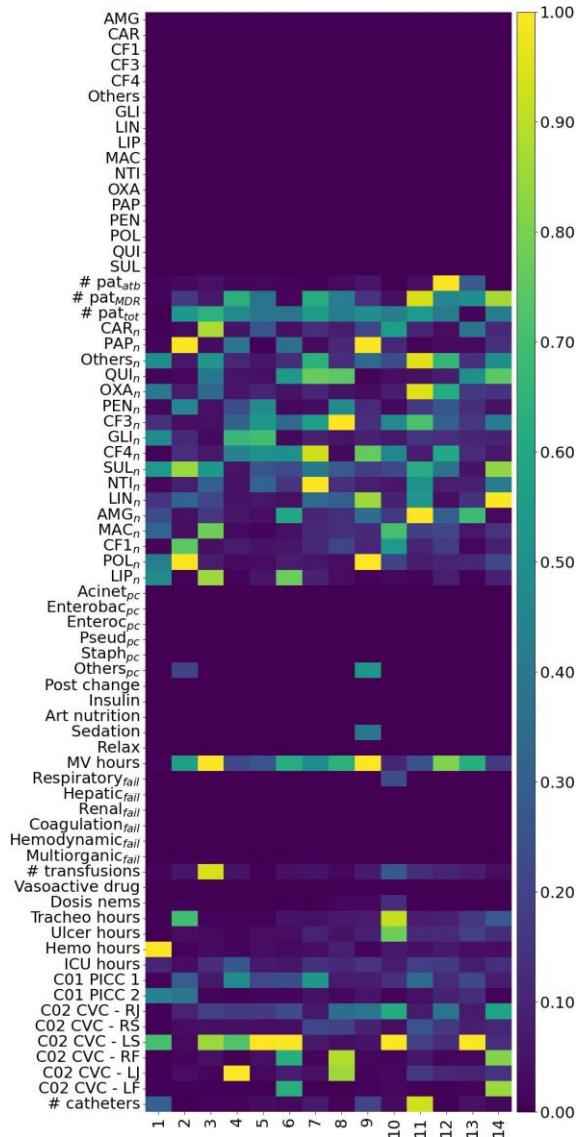
## GRU - SPLIT 3



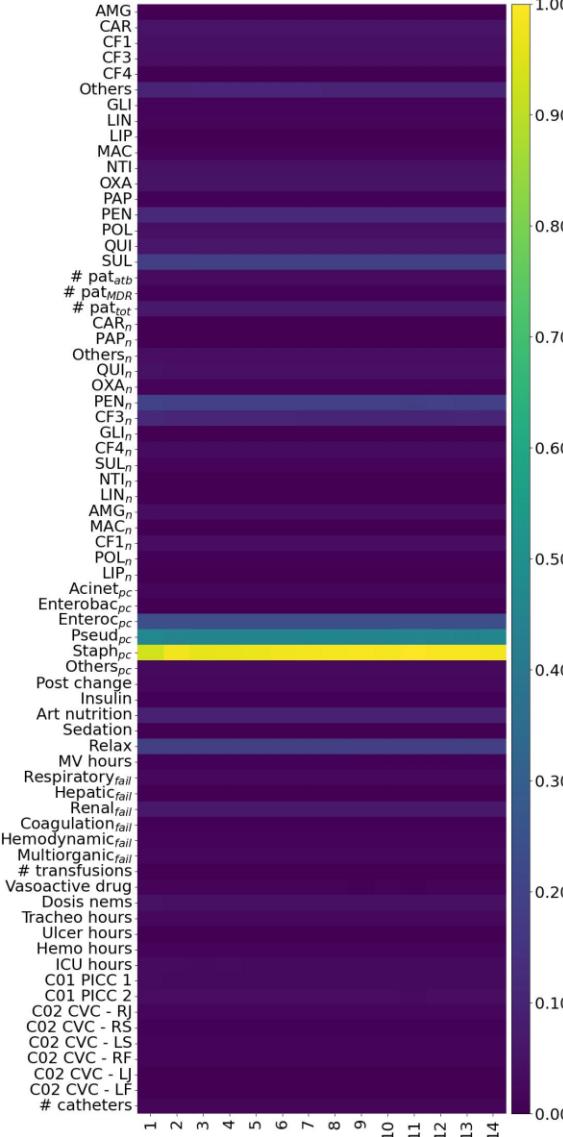
(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# MULTIDRUG RESISTANCE

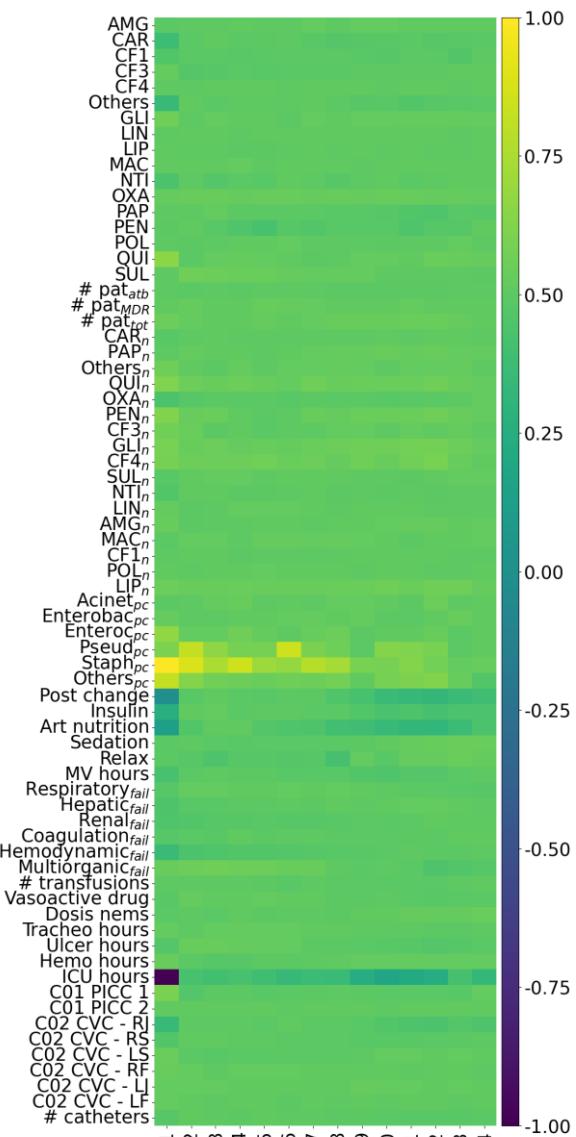
## LSTM - SPLIT 1



(a)



(b)

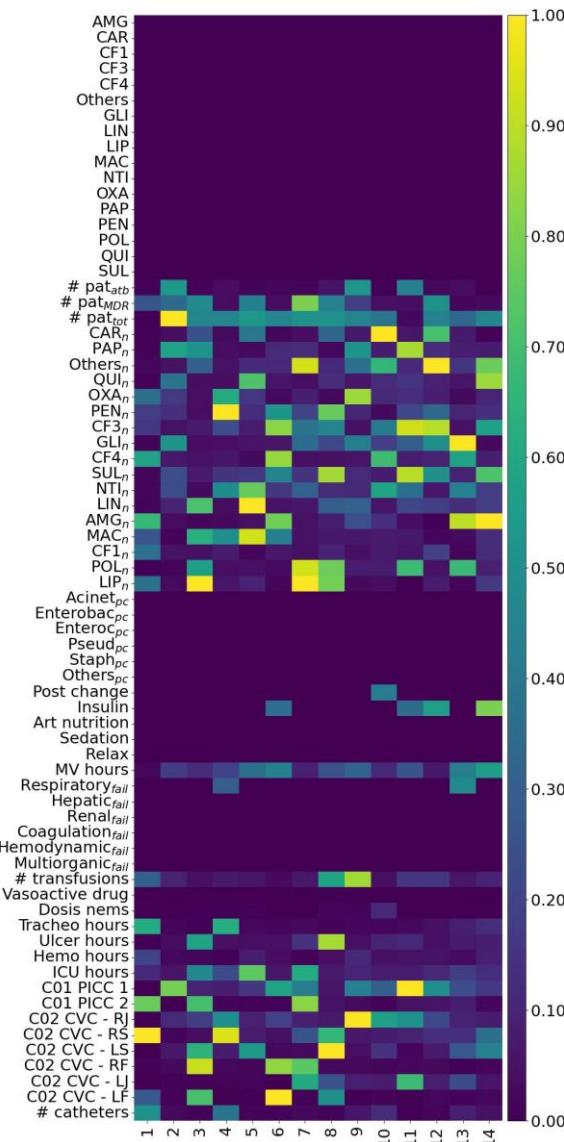


(c)

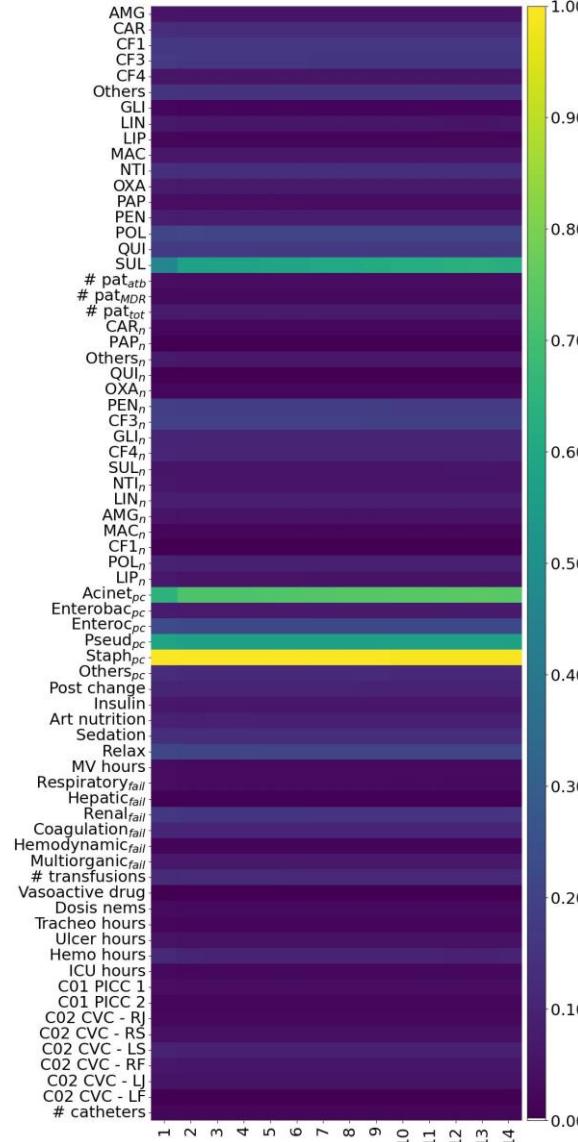
(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step.

# MULTIDRUG RESISTANCE

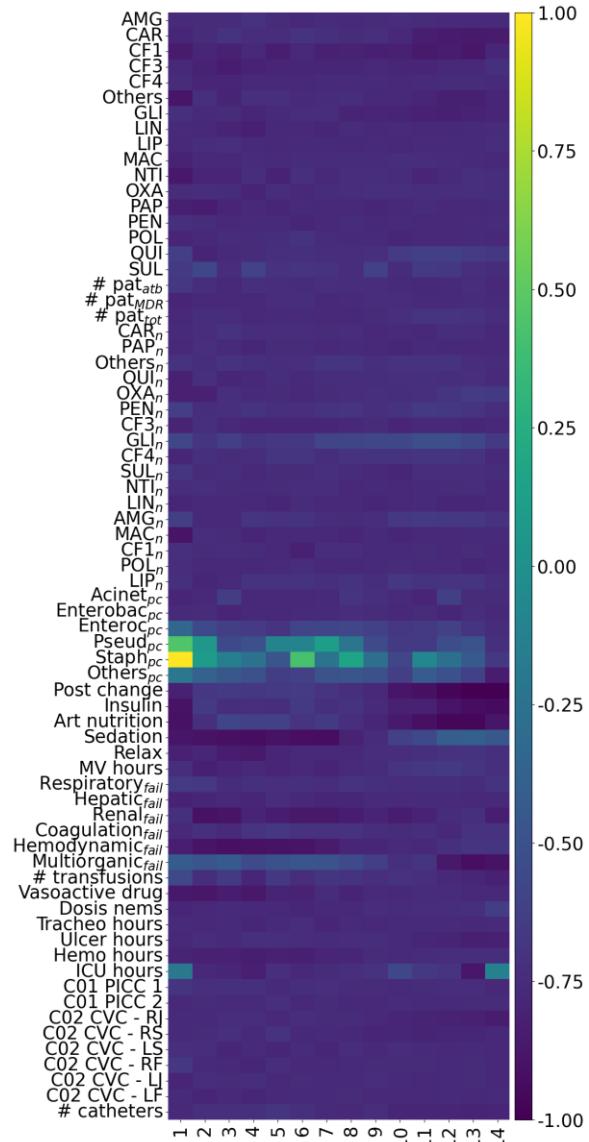
## LSTM - SPLIT 2



(a)



(b)

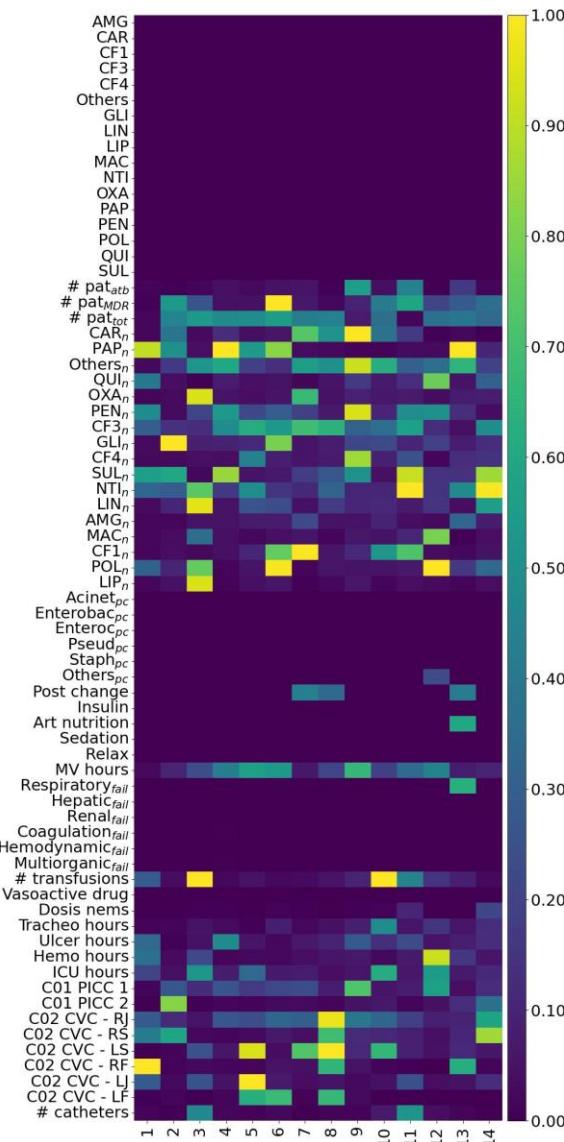


(c)

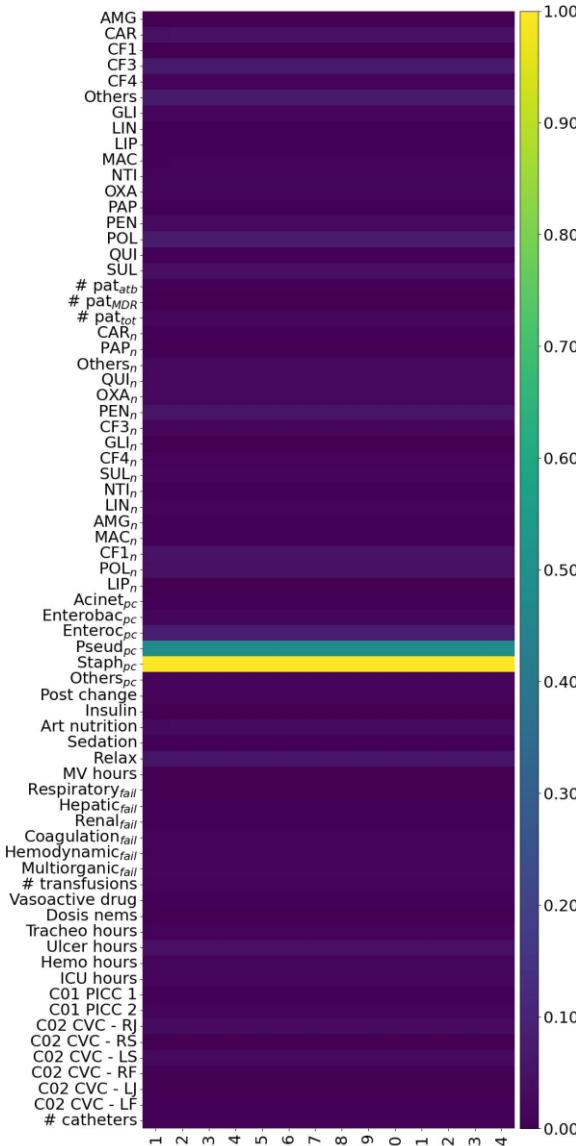
(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step.

# MULTIDRUG RESISTANCE

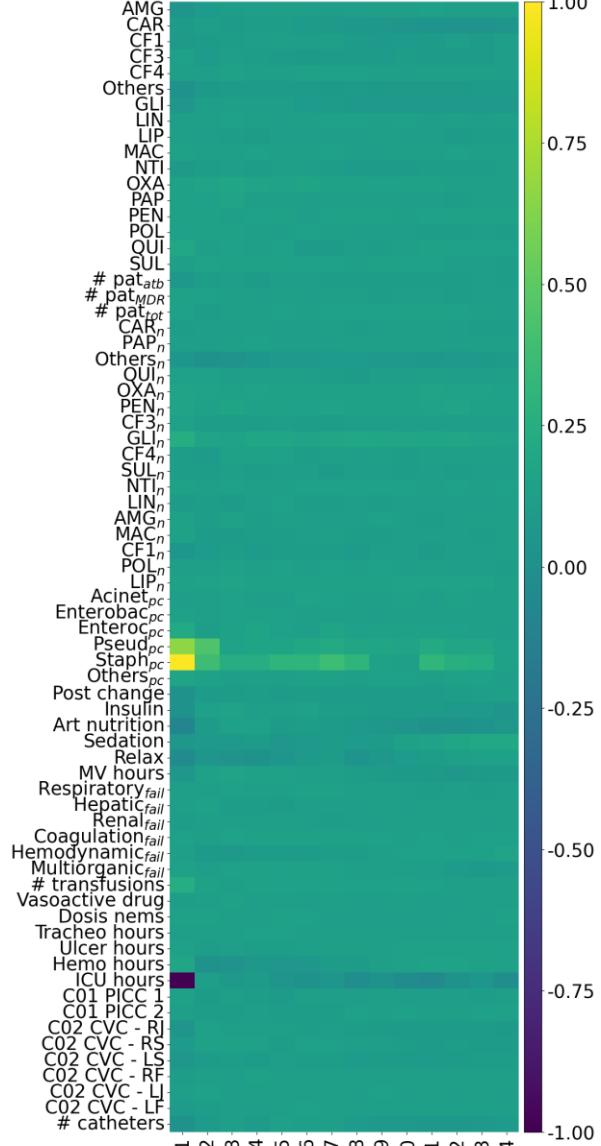
## LSTM - SPLIT 3



(a)



(b)

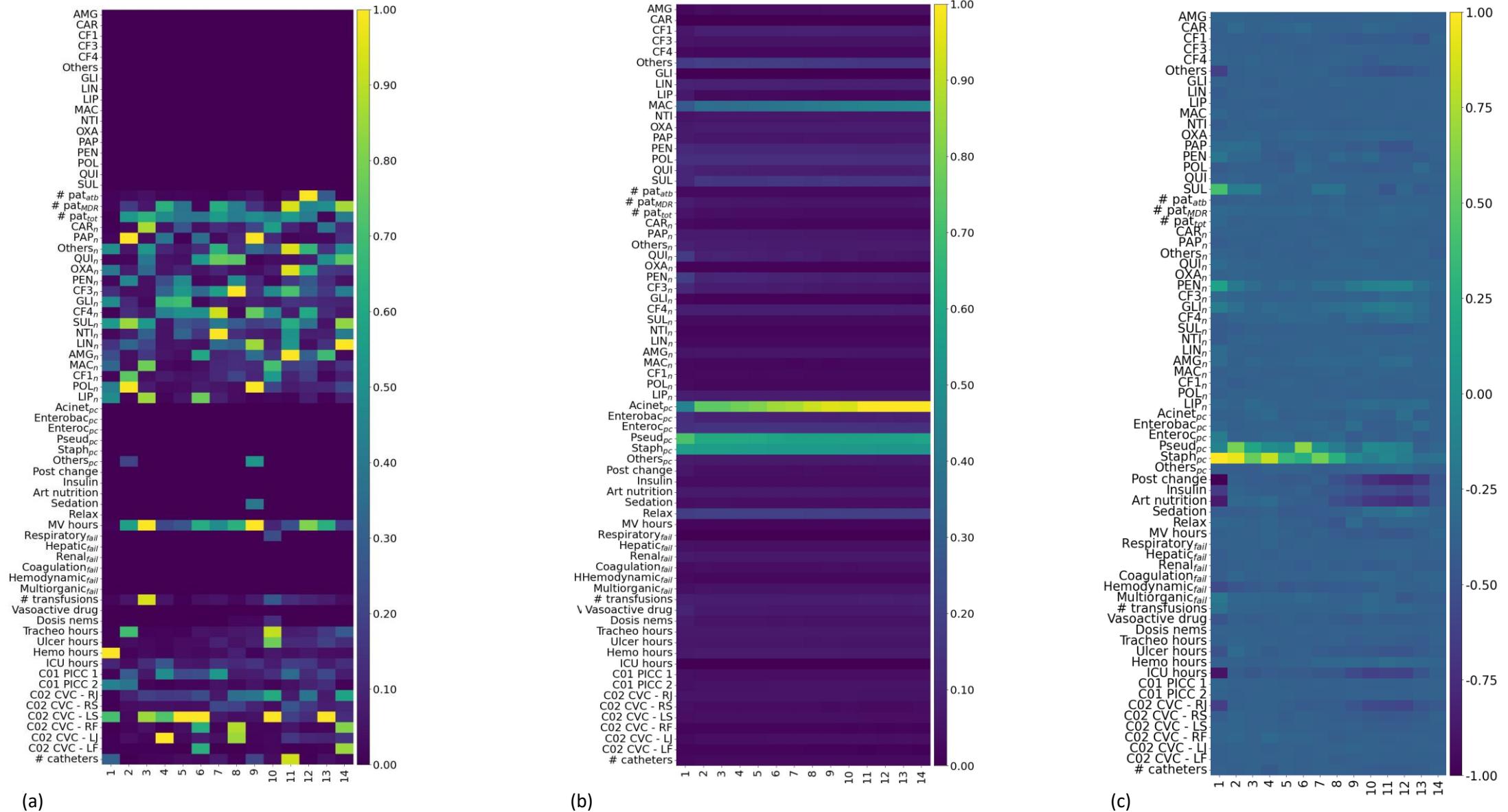


(c)

(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step.

# MULTIDRUG RESISTANCE

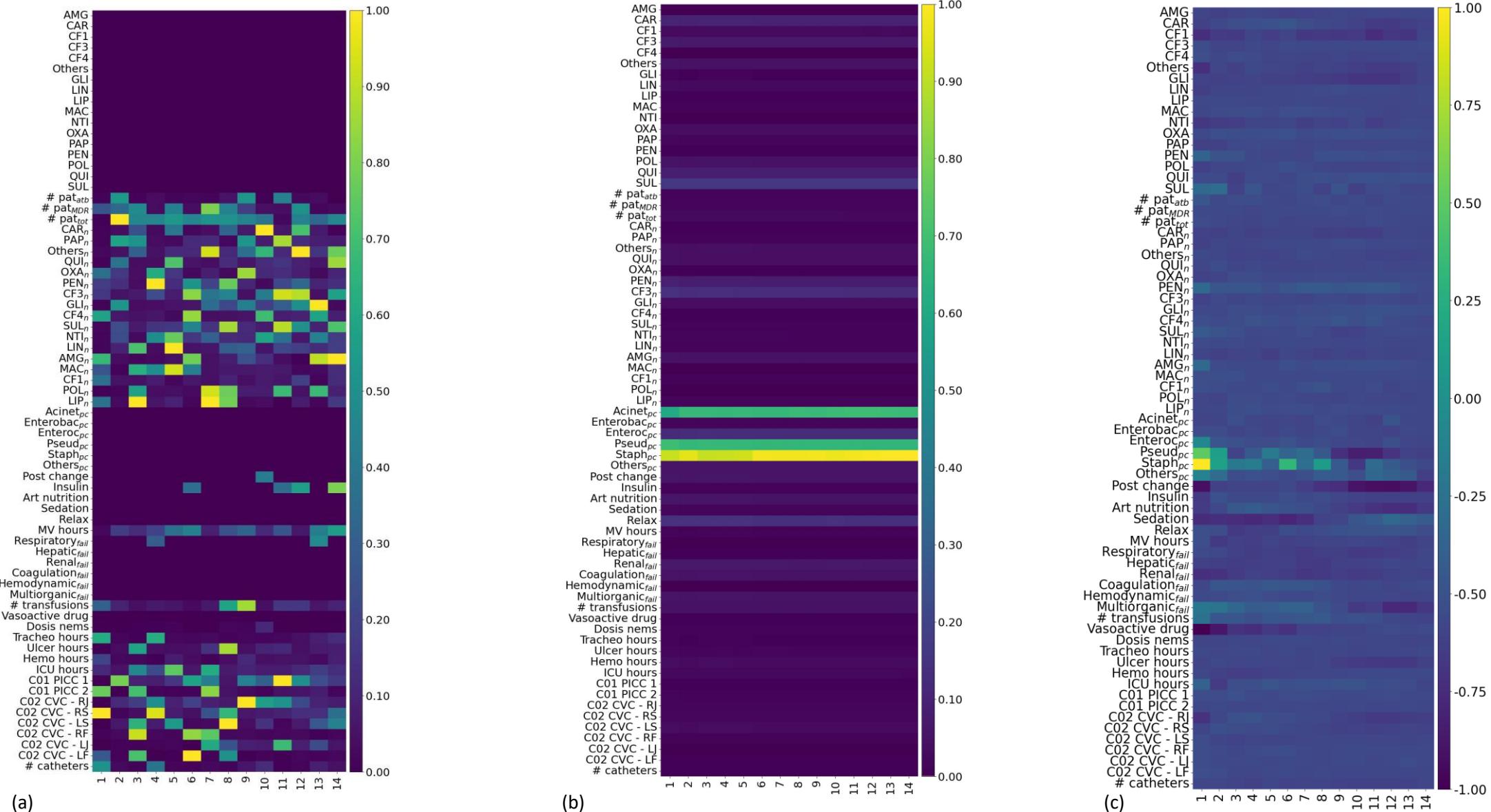
## Vanilla - SPLIT 1



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# MULTIDRUG RESISTANCE

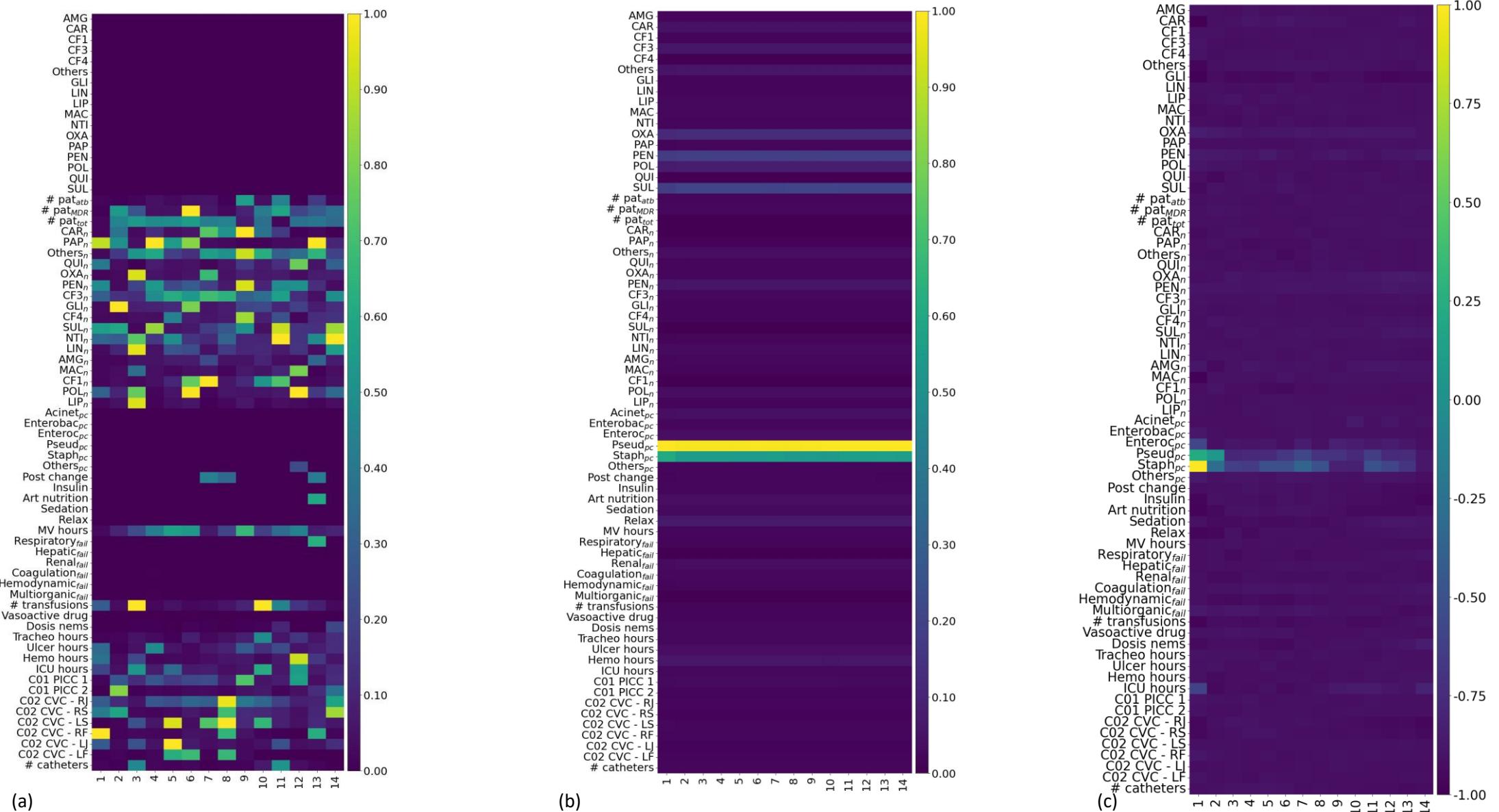
## Vanilla - SPLIT 2



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# MULTIDRUG RESISTANCE

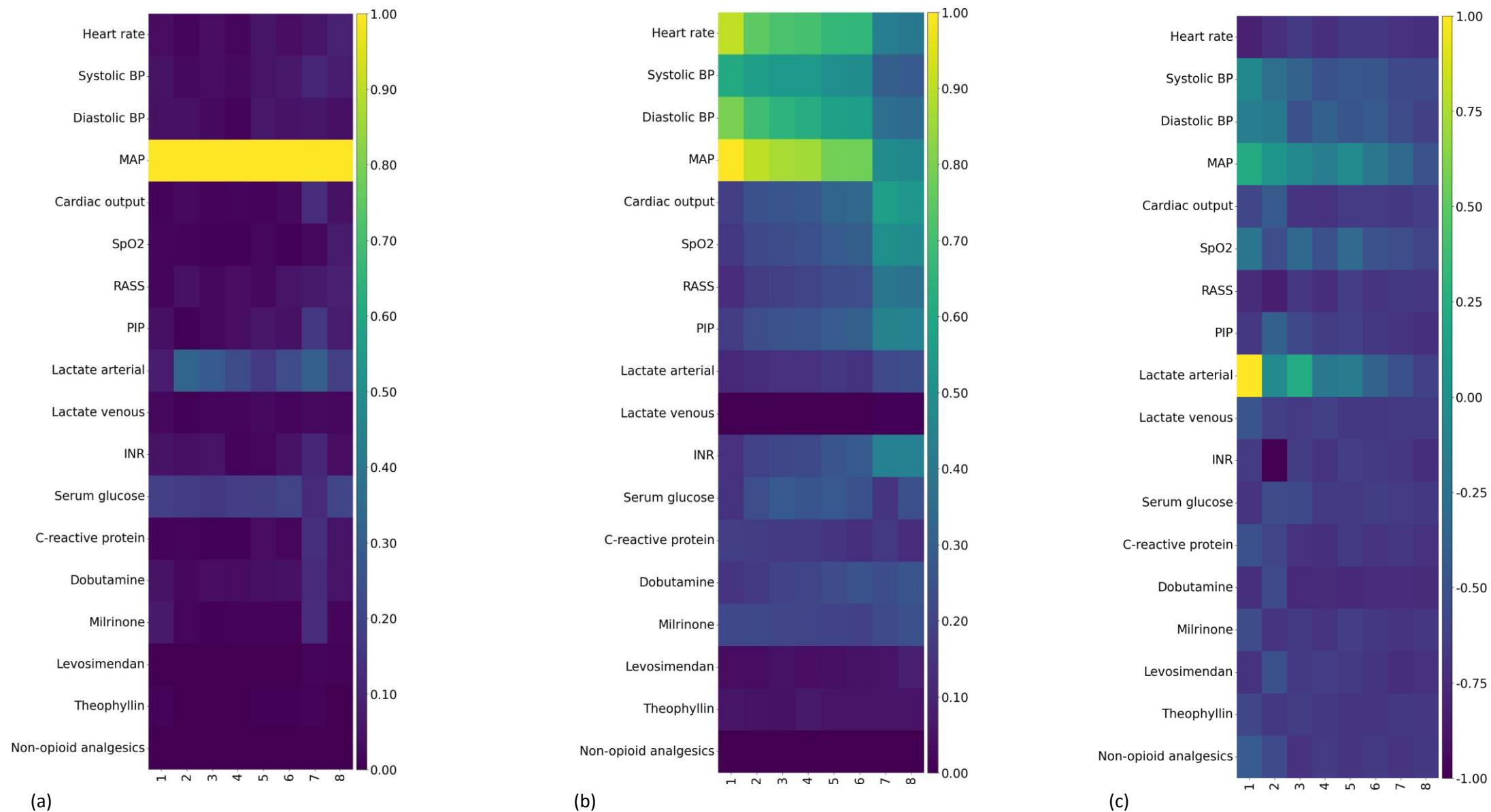
## Vanilla - SPLIT 3



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# CIRCULATORY FAILURE

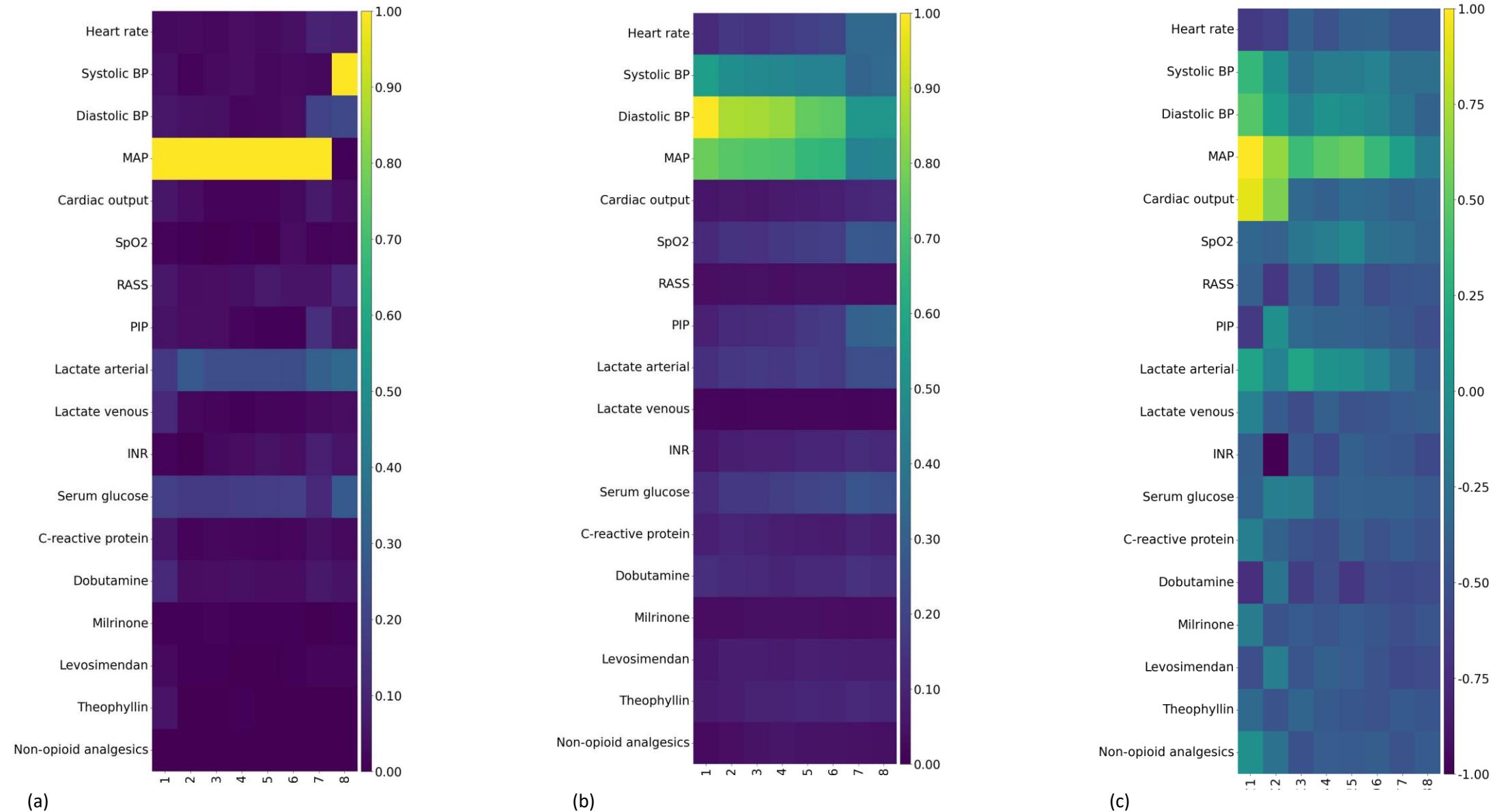
## GRU - SPLIT 1



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# CIRCULATORY FAILURE

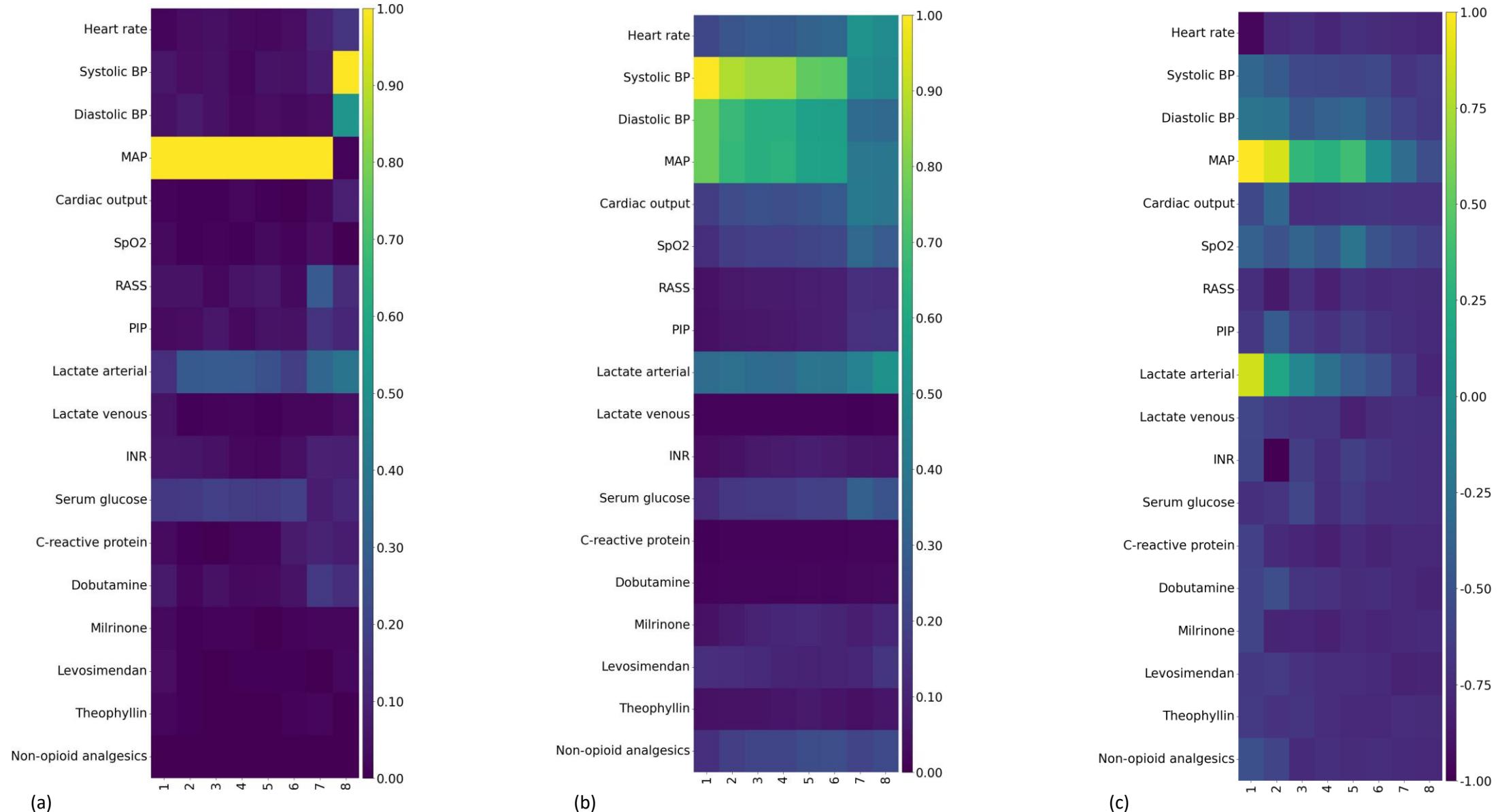
## GRU - SPLIT 2



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step.

# CIRCULATORY FAILURE

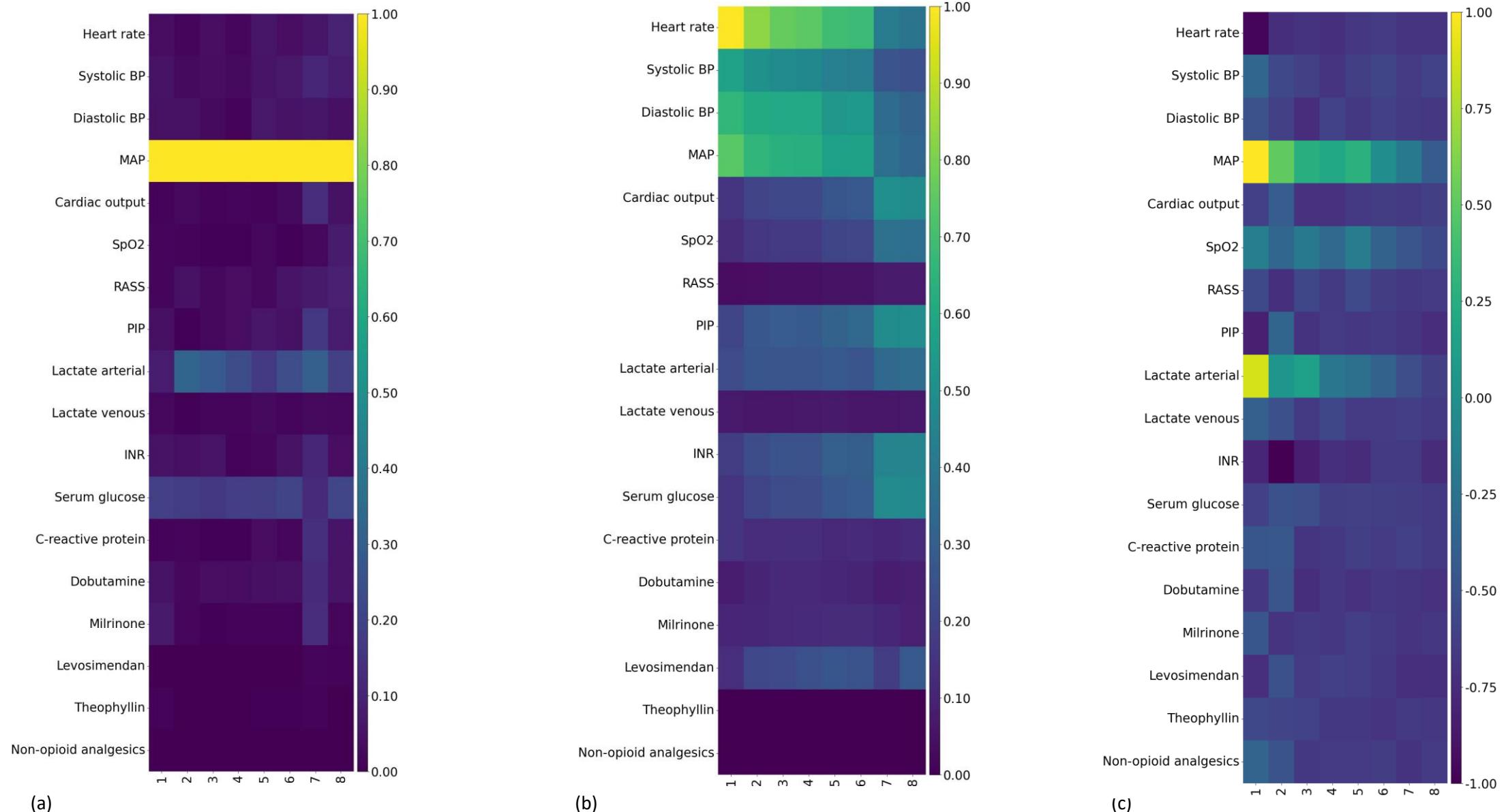
## GRU - SPLIT 3



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# CIRCULATORY FAILURE

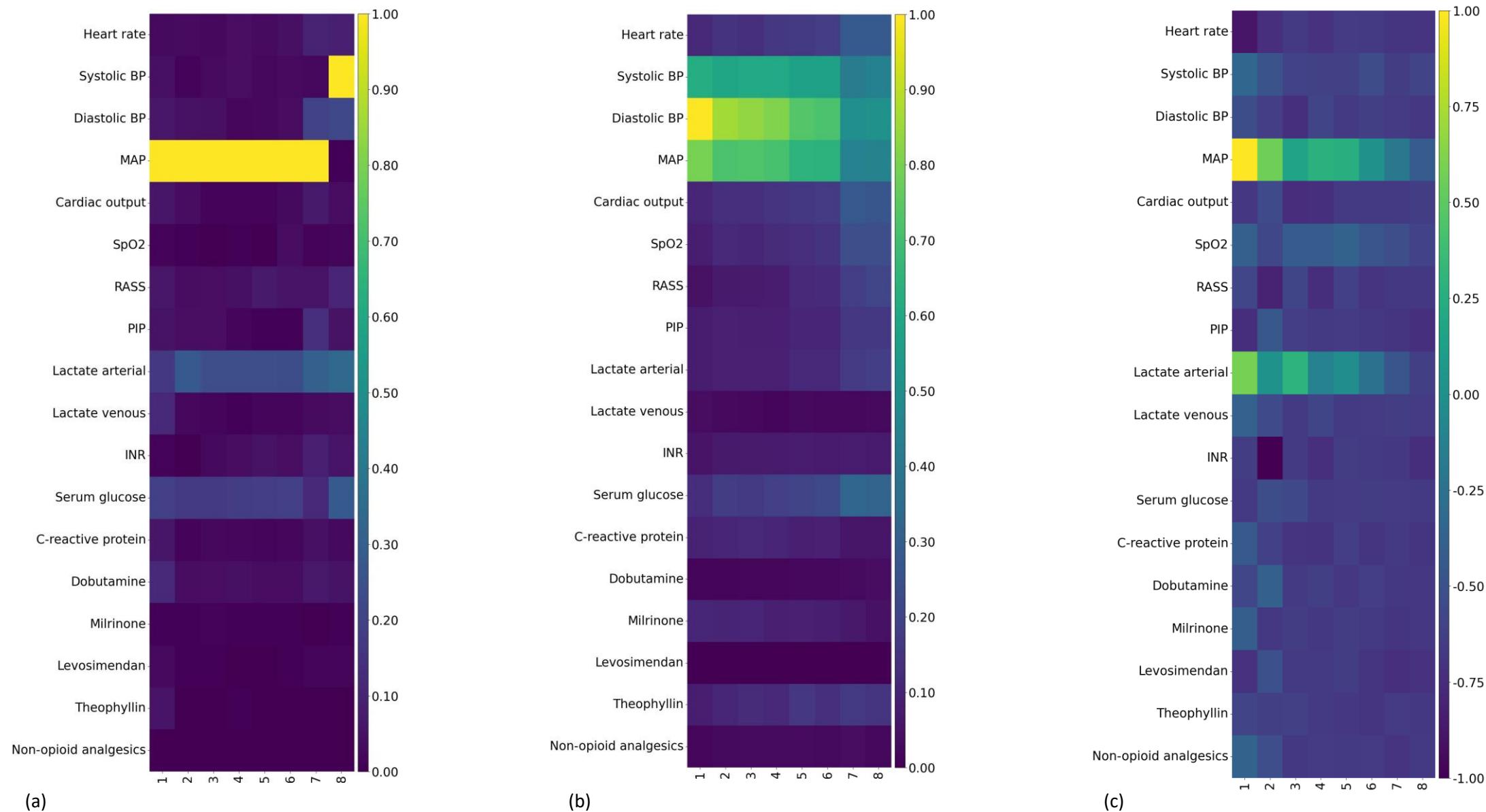
## LSTM - SPLIT 1



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step.

# CIRCULATORY FAILURE

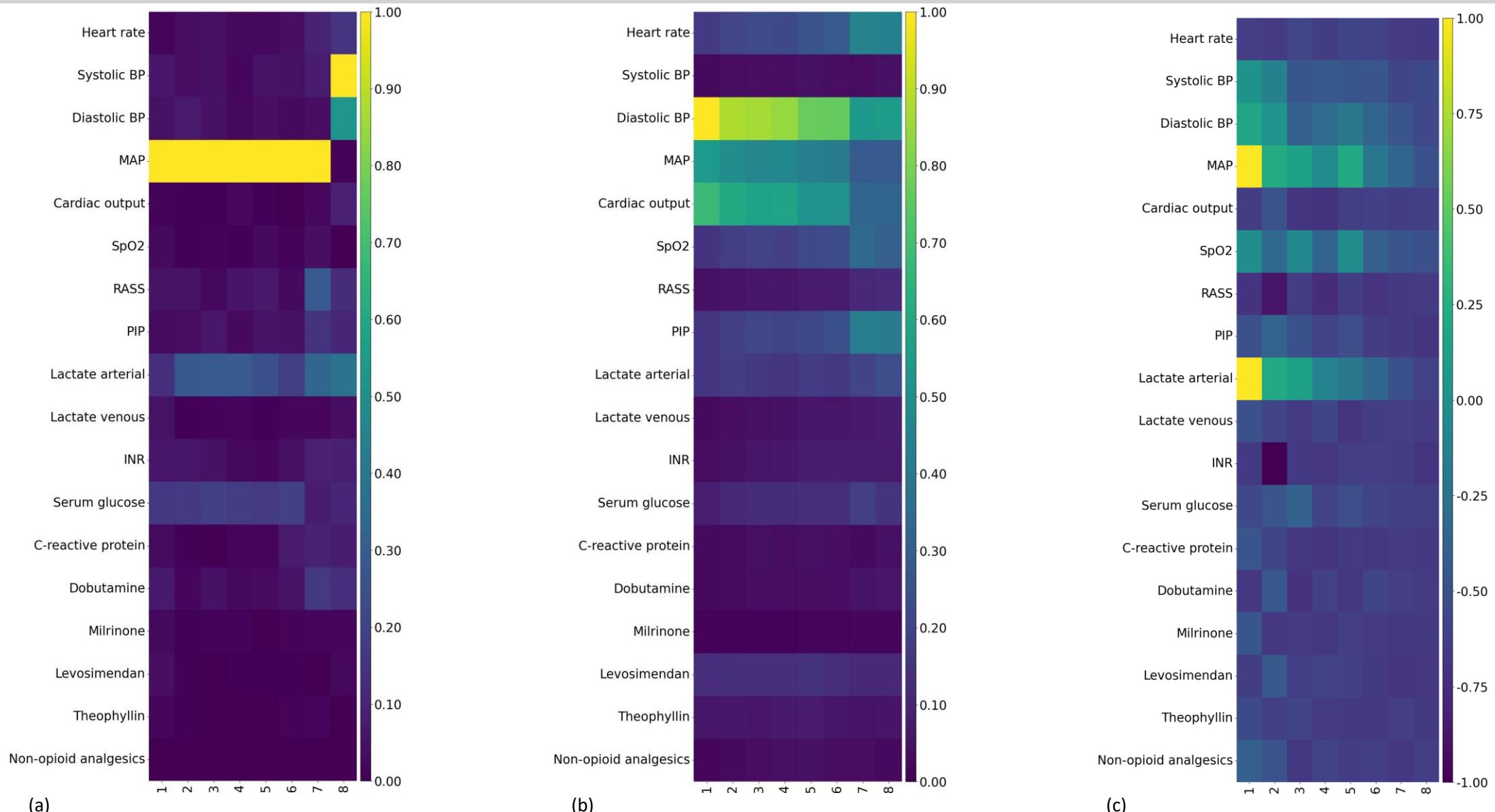
## LSTM - SPLIT 2



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step.

# CIRCULATORY FAILURE

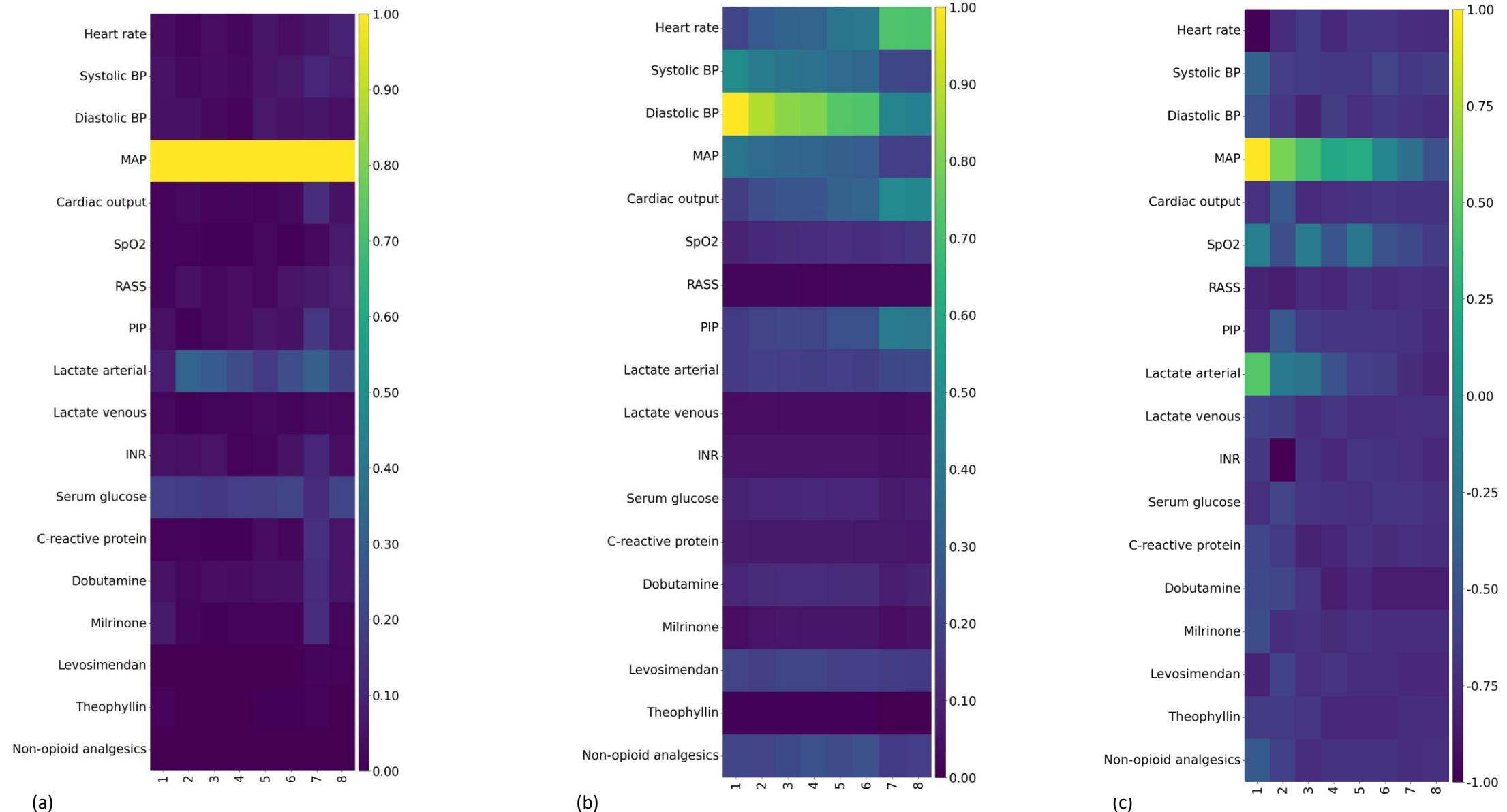
## LSTM - SPLIT 3



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# CIRCULATORY FAILURE

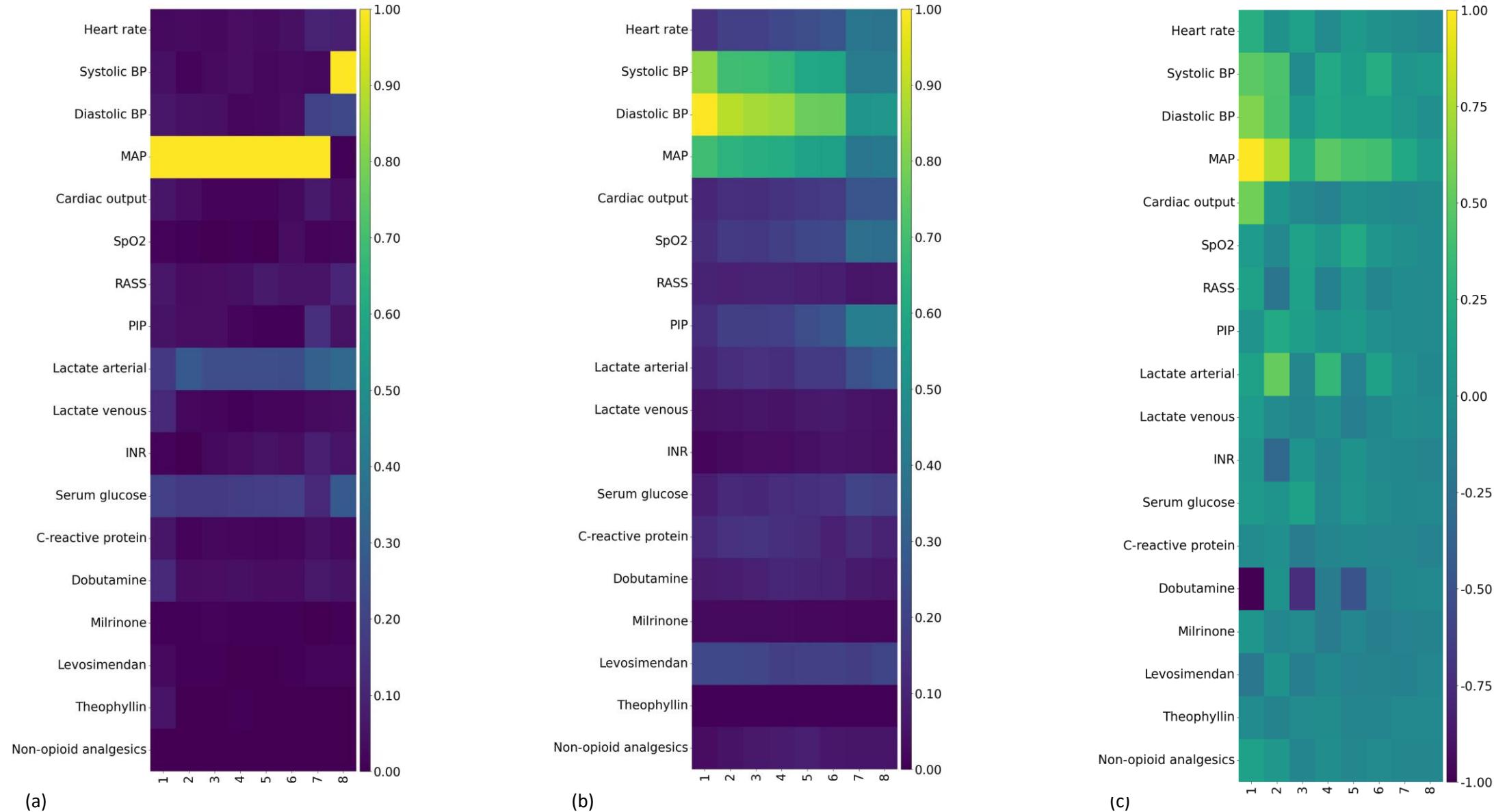
## Vanilla - SPLIT 1



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# CIRCULATORY FAILURE

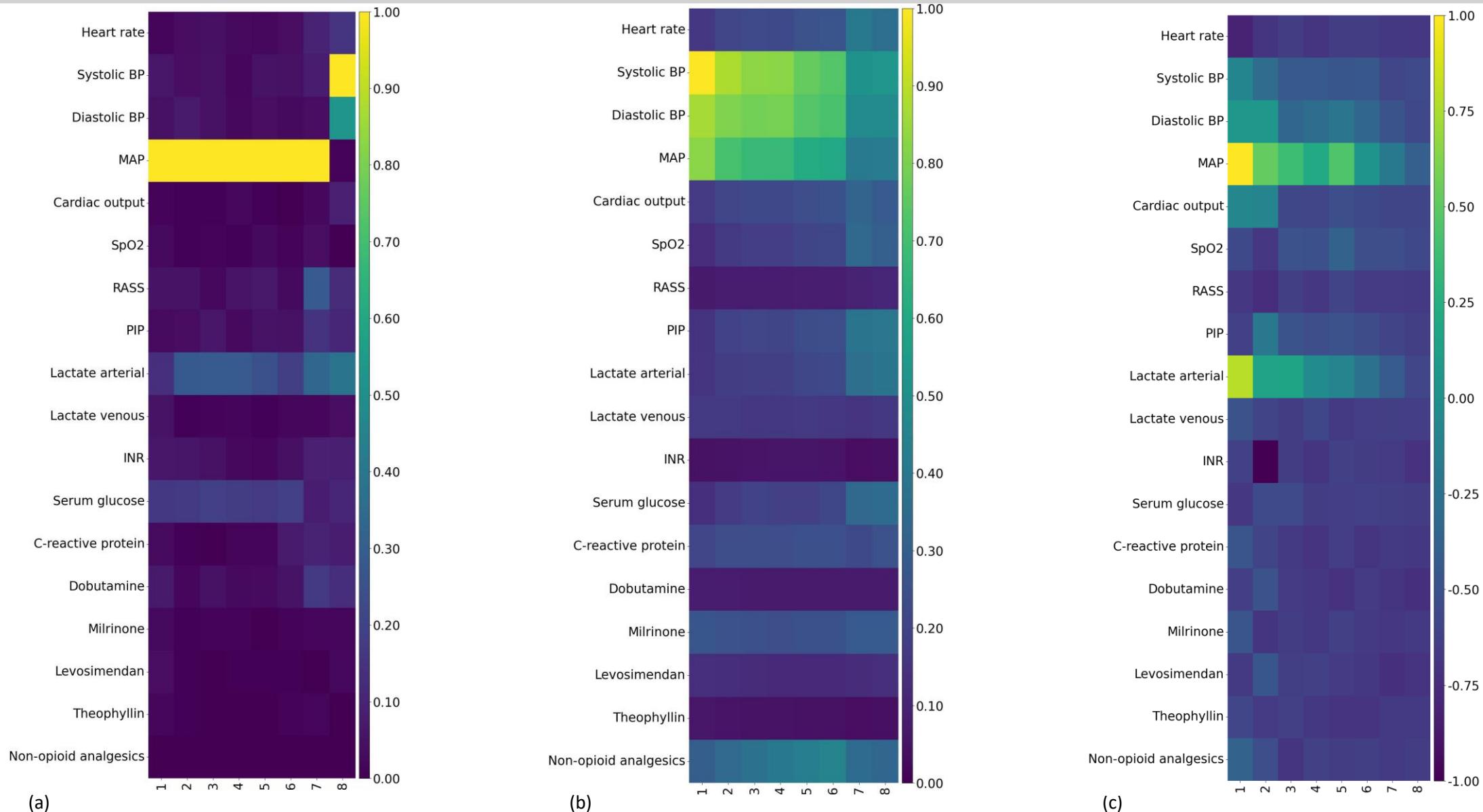
## Vanilla - SPLIT 2



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# CIRCULATORY FAILURE

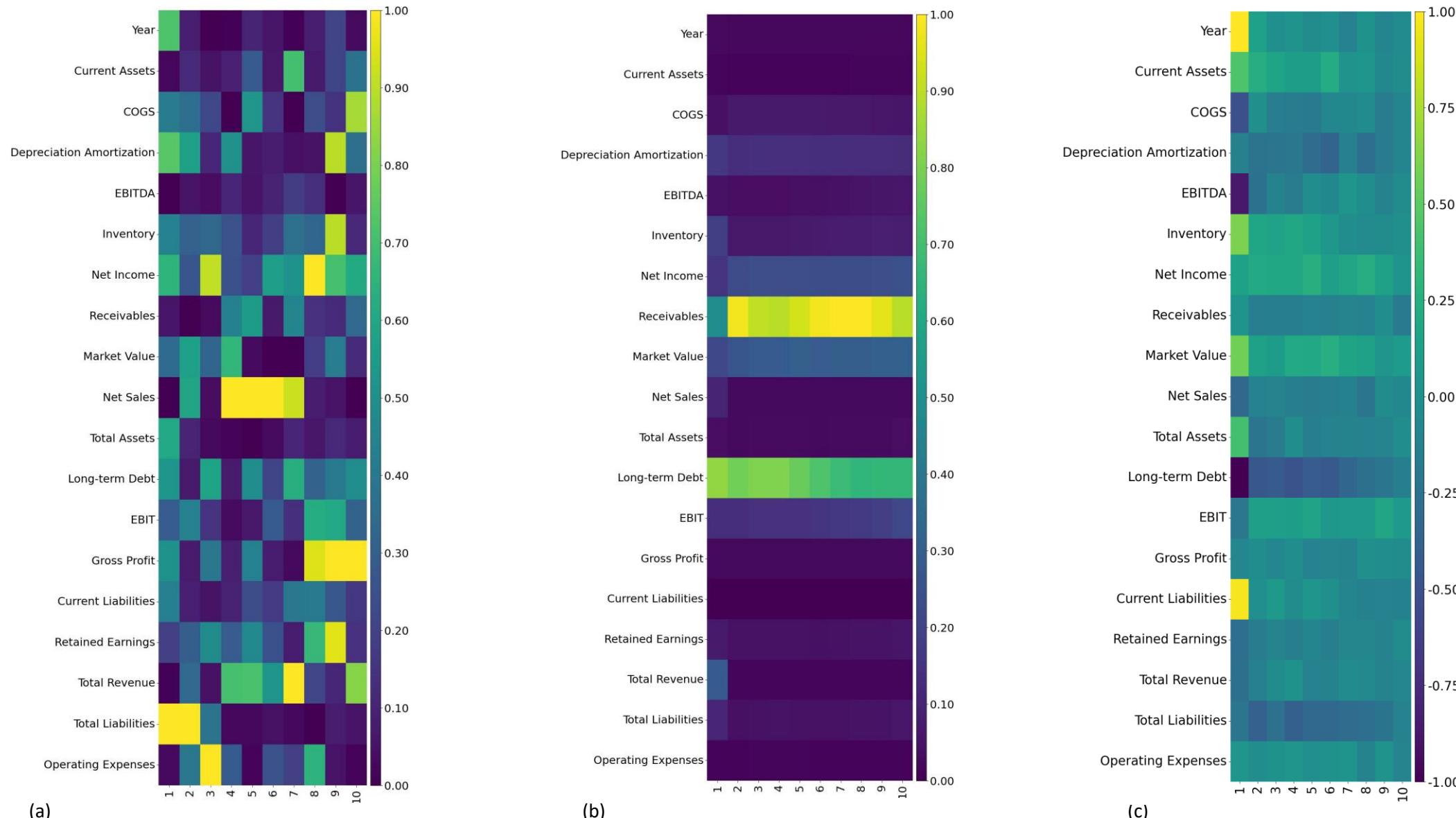
## Vanilla - SPLIT 3



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# BANKRUPTCY RISK

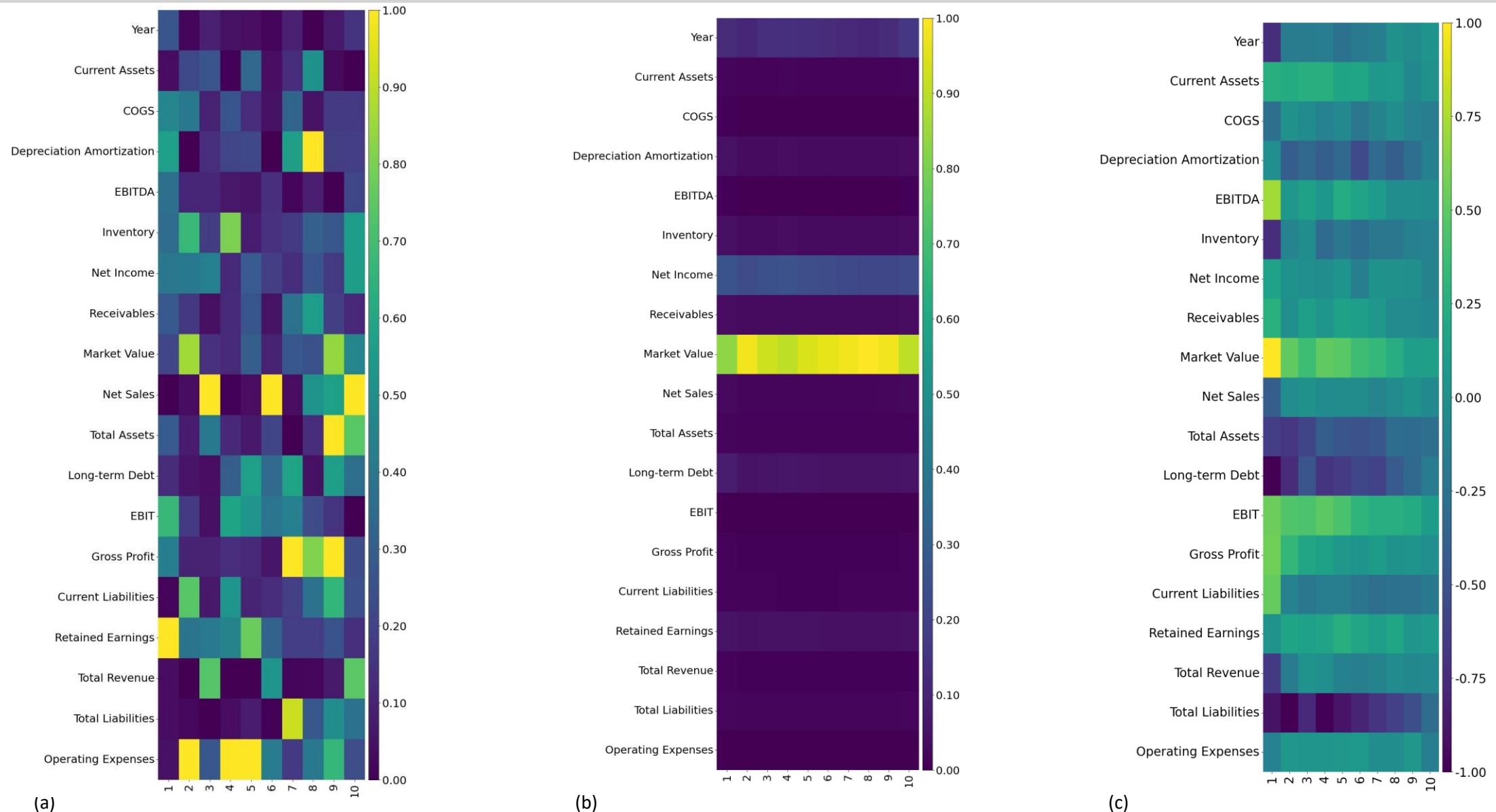
## GRU - SPLIT 1



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# BANKRUPTCY RISK

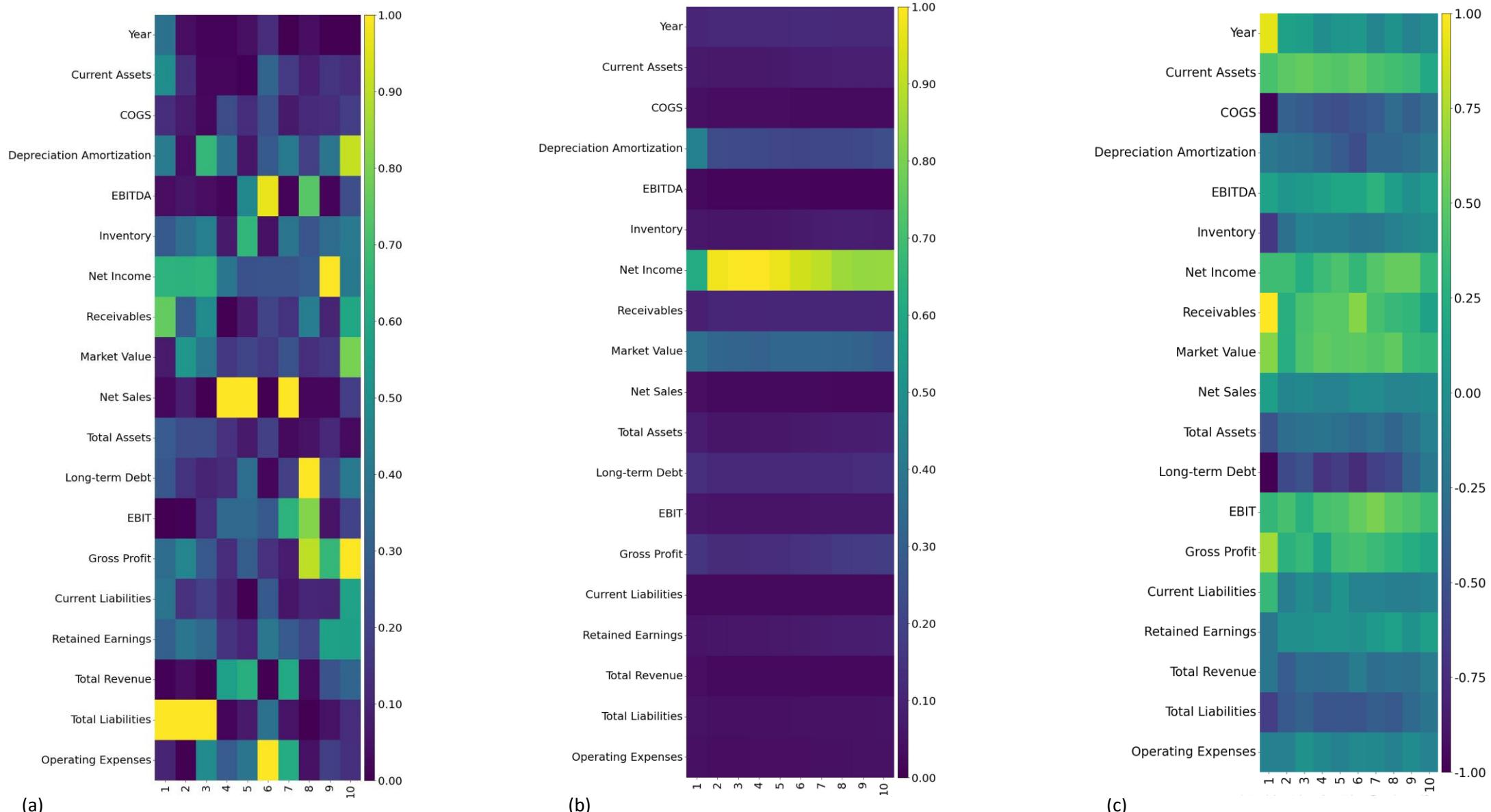
## GRU - SPLIT 2



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# BANKRUPTCY RISK

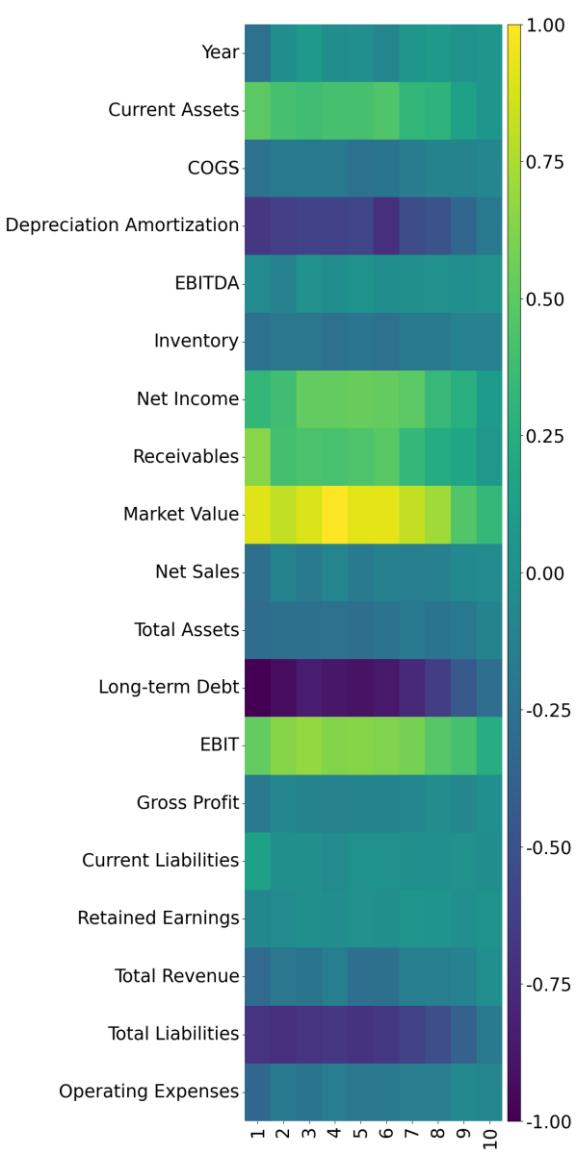
## GRU - SPLIT 3



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# BANKRUPTCY RISK

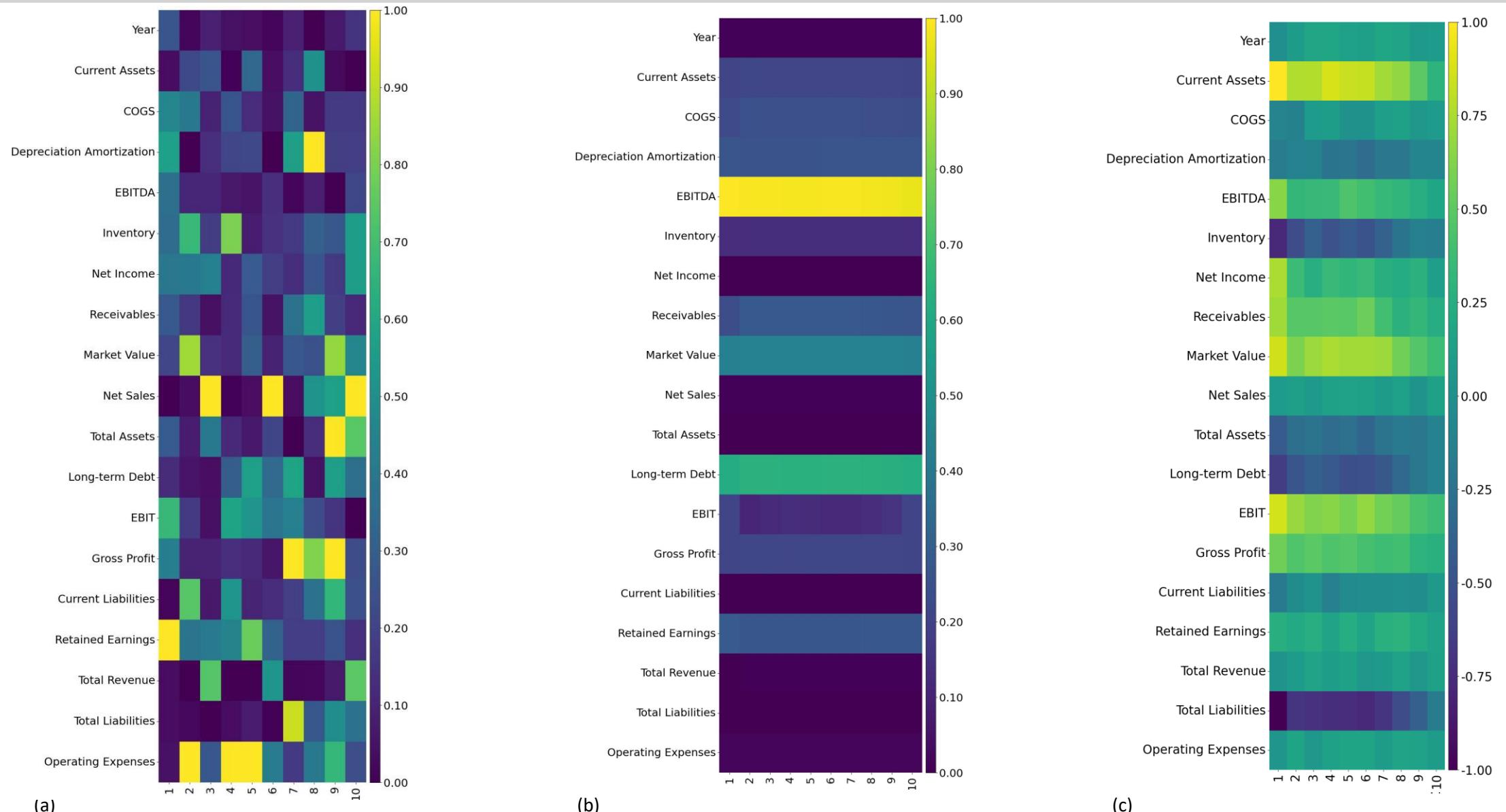
## LSTM - SPLIT 1



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step.

# BANKRUPTCY RISK

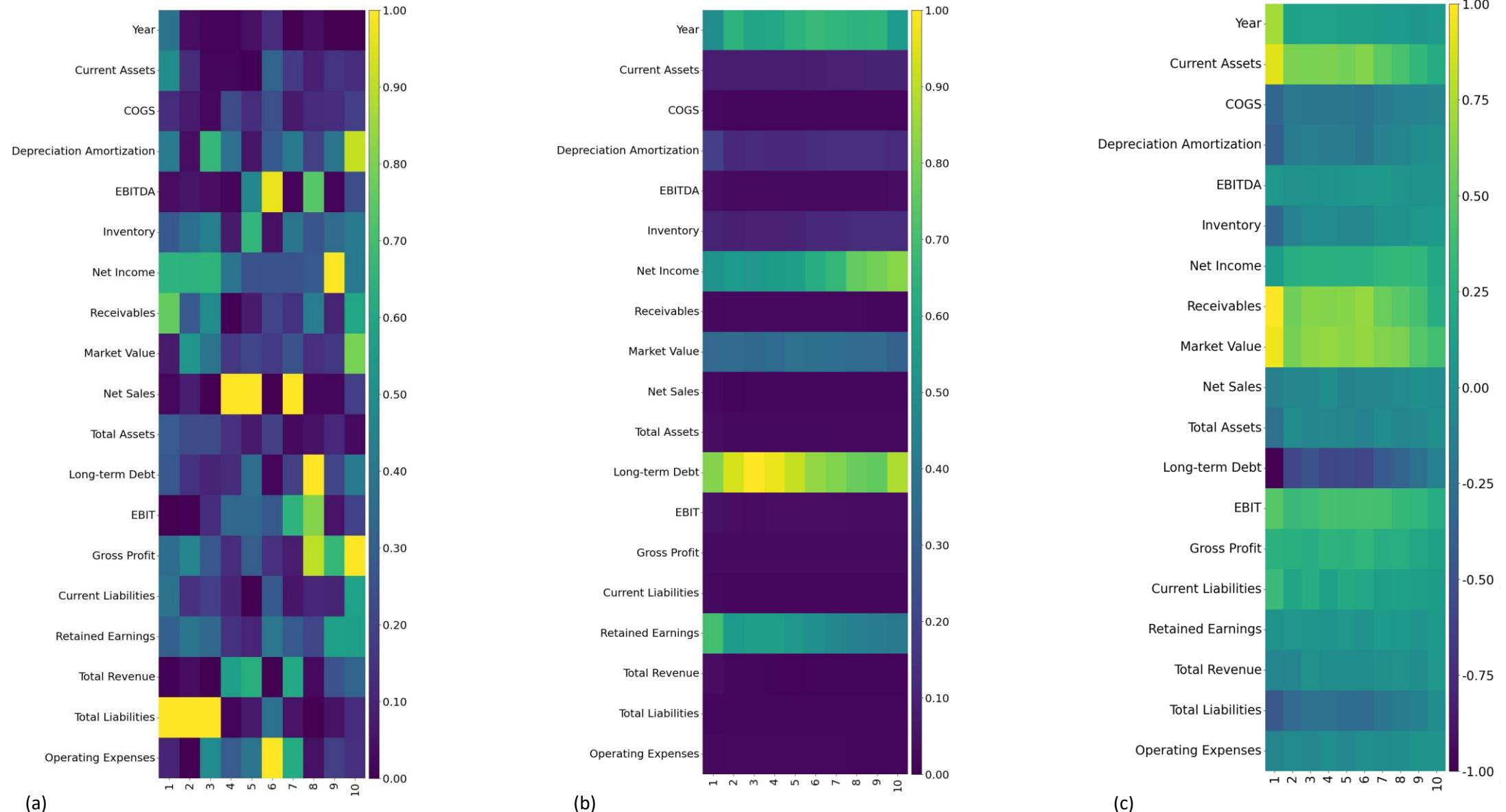
## LSTM - SPLIT 2



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# BANKRUPTCY RISK

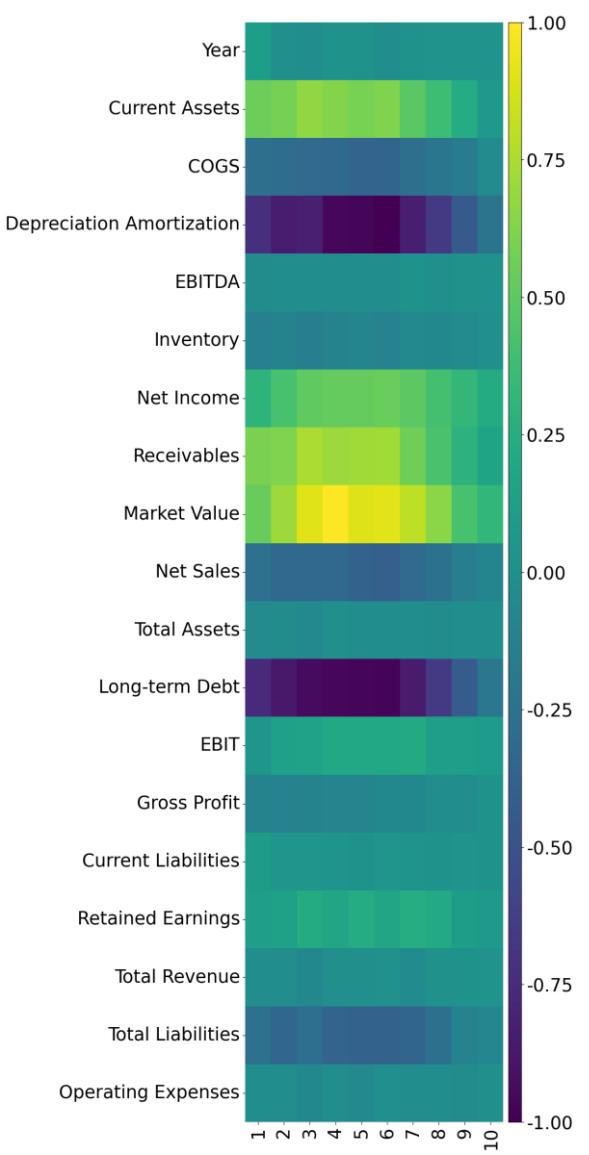
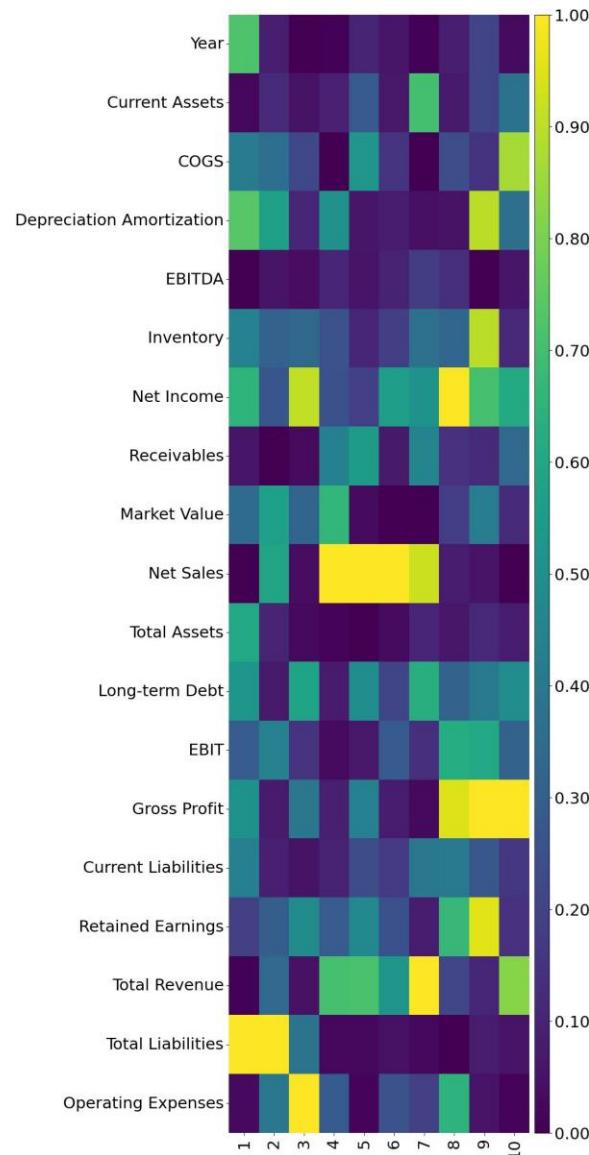
## LSTM - SPLIT 3



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# BANKRUPTCY RISK

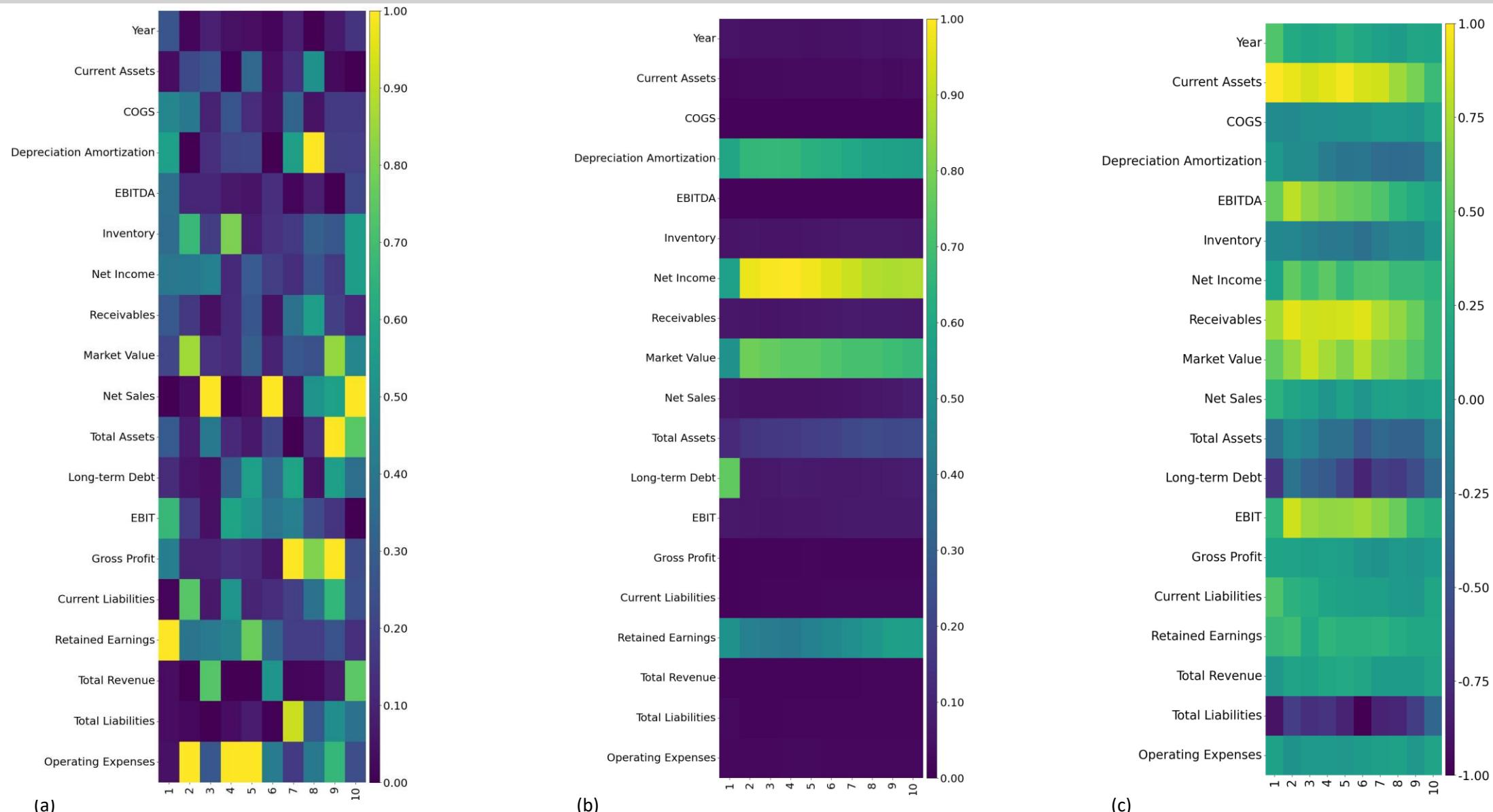
## Vanilla - SPLIT 1



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step.

# BANKRUPTCY RISK

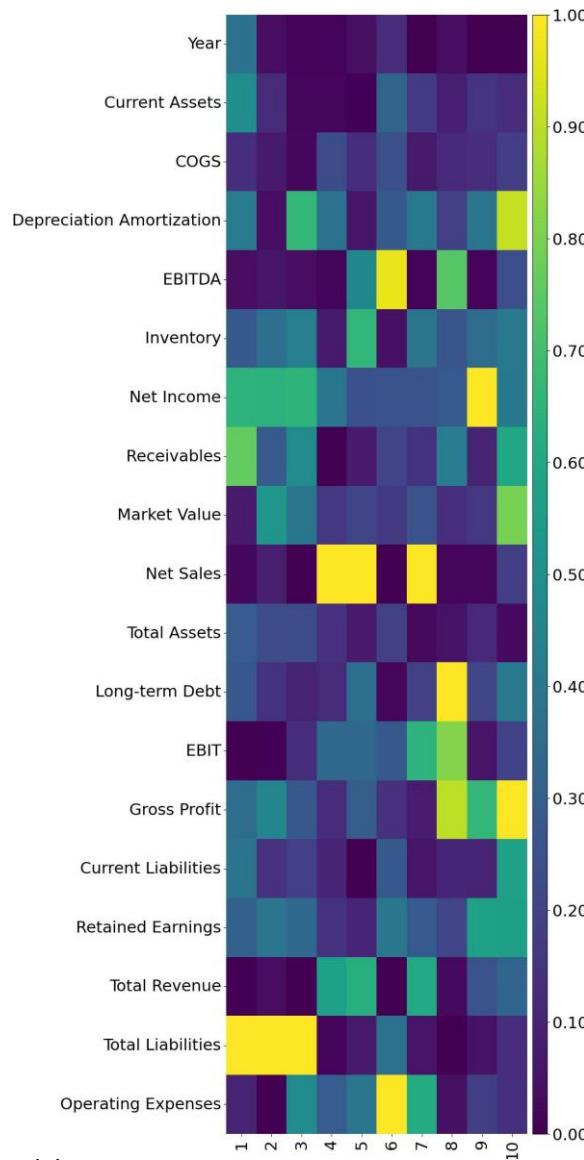
## Vanilla - SPLIT 2



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step

# BANKRUPTCY RISK

## Vanilla - SPLIT 3



(a) Variable importance scores using CMI; (b) Attention weights using the Hadamard mechanism; and (c) Feature contributions using IT-SHAP. The x-axis represents the time steps, and the y-axis represents the variables. The color scale indicates the importance of each variable at each time step.