

1. Introduction

[illegible]

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Input: $G = (V, E)$
Output: MST
1 $MST \leftarrow \Phi$.
2 **for** $v \in V$ **do**
 (v)
end for
 E
 for $(u, v) \in E$, w **do**
 if $FIND-SET(u) \neq FIND-SET(v)$ **then**
 $A \leftarrow A \cup (u, v)$
 (u, v)
 end if
 end for
12 **return**

ALGORITHM 2

L_t . , l_1
, $20, 21$.
, ω .

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, Y , 1
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$T = t$
 $($ x_t $1, \dots, P(y_t = 1 | x_t; \omega)$
 $)$, $= 1 / (1 + \exp(-x_t^T \omega))$, 0 .
, $T = t + 1$
, $T = t + 1$

, m $(0, 1)$
 n

3. Results and Discussion

3.1.

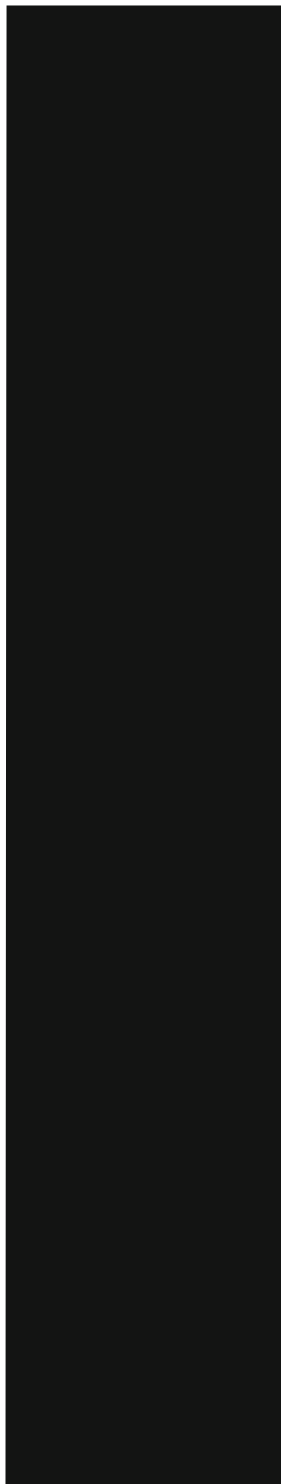
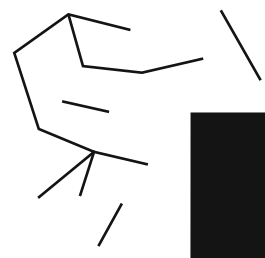
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$X = (x_1, x_2, \dots, x_m)^T \in R^{mn}$, x_i
 n , $Y = (y_1, y_2,$
 $\dots, y_m)$, y_i $(0, 1)$. , fl
 X , x_i
 $x_i = (x_i^0, x_i^1, \dots, x_i^n)$. , x_i
 x_i fl
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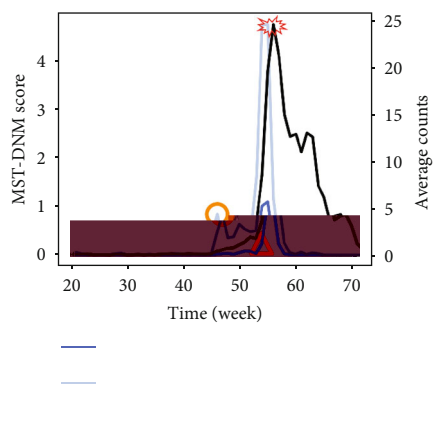
$$P(y_i = 1 | x_i; \omega) = \frac{1}{1 + \exp(-x_i^T \omega)}. \quad (4)$$

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 X Y . , ω
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 ω , $1, 200$, $1, 201$.
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$$L(\omega) = - \sum_{i=1}^n (y_i \log x_i^T \omega + (1 - y_i) \log (1 - x_i^T \omega)) + ||\omega||_1. \quad (5)$$



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3.4.

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Data Availability

Conflicts of Interest

4. Conclusions

Acknowledgments

Supplementary Materials

References

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