



**Keywords:** V; I; M; D; KNN; F

## I

I 1,2

I U S 6

5, 988.66 (CO<sub>2</sub>)

W (CO), (HC) (NO),

4. A

D.

5.

6.

M

7

8.

9,10,

11. I

M  
M  
F  
S V M KNN, N N, BBDT, CHAID (SVM)  
A  
R M S E (RMSE)  
(R)  
RMSE, R.  
KNN : A ( ),  
KNN  
KNN . .51 ( )505 ( -8K)12 ( -F( )2-F( )9 ( .1 (- )4 ( .)-6 ( )2 ( (R-6 ( )12 ( )-62 S)-145.

F 1  
2004 S F 2.5  
3,500 165 5,699 3,100  
4,000 225 N 16,496  
(10,250). F 1 PEMS  
A PEMS  
A (GPS)  
PEMS GPS 1 H  
1,600  
S T USA,  
T 1.  
T 1. P34H14M01S ( 34 14  
1.) 221  
P02H23M56S 39.07.  
T S  
PEMS (OBD) II

( ), I / A T (IAT), M  
A P (MAP), A A T (AAT), I  
D (ID). M PEMS  
CO, CO<sub>2</sub>, NO HC,  
F 2. PEMS  
1 H C A B-E  
OBD II PEMS,  
F 1 2), G K  
L C U T







