

R

BBQG

BBQG

U B R ,

N , H Q

F F Q

M Q & \* E \* A ' \*

, D

& ,32\* / , /4\*0,14\* 2,0.

. \* / \*0\* 1

D R BBQGR

BFP-0 &? G \* L

A \* SQ? ' - - & 2. \*

0, . 6 ' , ? , ,32\* / , /4\*0,14\* 2,0.

3. - / 15,0\* 62, / \* 0. 4,2\* 212,4 N \*

, ? 04

U B R , Q

T -T Q

R & -TQR' \* & , / ' ,

Q \*

K \*

BBQG

BBQG

, R

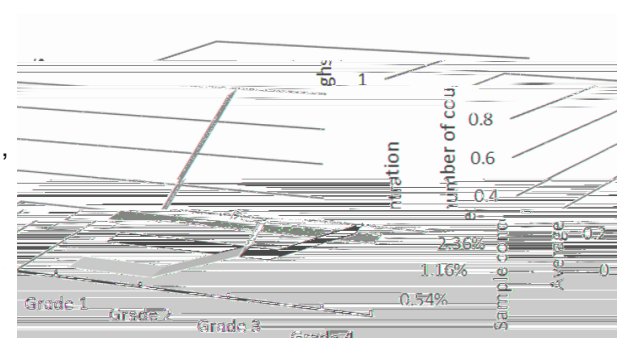
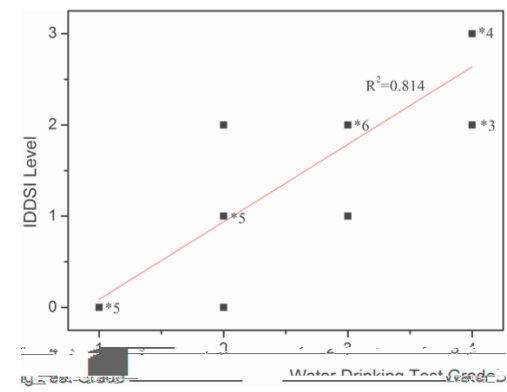


Figure 1: Coughing number with 20ml samples for patients at different grades as assessed by the Water Drinking Test.



B , P C S J \*SI \* B 0. /4

B , N V \*Q K ? S & ' \* K /5

B , F E S ? 4 B \*SI \* & S S \*R L S ,

B , Q N O S & ' ? /5 /6 , Q

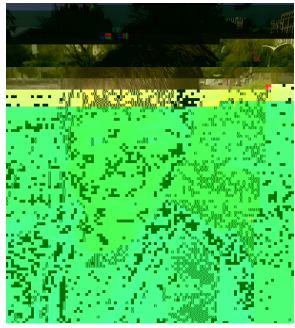
B , A P , A



K 0/ \* 0. /5, F H F \* M N ,R Q % Q \* N , D Q % N ,H A ,F J E S \*



K \* D M N P E B \*0. /4, F D Q L & ' SAQGS \* K \* N B D C S N K ,F R S K D ? & ' A , J ,F



N B A C N D ,F @ O ,F N B R S E S ,F

D M N D ,F @ R S , F

I \* G \* @ @ S I ,F KQ @ D Q & NQS\* R ,F N B @ N &SQ\* K ', Q \* K S 0,3 ,F DMN

@ @ S KQ D R ? S ,F N B C Q & Q C ' AQQ-A D R P G &G ', F @NR\*G N B, F @ P ? 0. /2-0. /3 HEQS S

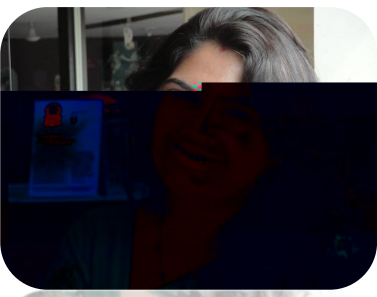


AQQ-ADRPGF J



? ,R O N H ,

,R ,F ? \* P S



B,

N  
L F \* Q H  
F B 5 \* 0. / 4 \*  
S B, P J C  
SI

R  
, R  
8

\*  
?

B Q G A B \*  
F I \* K A R  
\* N , A

, R  
N , A  
, R  
, N ,  
A

R DMN

S L , G \*



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M \*  
 S A Q A U  
 P A & SP' L , I S  
 H , Q G G G , G  
 ' \*  
 S K A N R Q D L \*K



- L , L /5-16 \*0. /5\*F \*A ,
- \* S J \*? 6-// \*0. /6\*J \*SI ,
- 2 \*0. /6\*L \*SI ,



R CQG  
 0. /48  
 • R N 8A \*D O  
 • R 1. \*0-04, 8 \*B \*



C 8 , , \* , , , ,  
 R 8&. '64 35/ 06. . 67. 2  
 D 8&. '64 35/ 06. . 67. .  
 U 8 8- , , , - , = //46  
 115 203\*DMN J \*Q D Q @ \*  
 /6V Q \*H B \* E S \*F \*1/.. /6\*AFG?  
 C 8 , 32 ,



- \*E, \*Q \*K, \*J \* , A \*H( &. /5', @ , B \*
- Q \*K, \* ' \*E, \*Q \*H\*J , , A \*H &. /5', A \*H &. /5', A \*H &. /5', Q \*
- U \*V,( A \*H &. /5', D , A M A G
- K \*A,( A \*H &. /5', D - , R D Q R ,
- Q \*Q\* S ' \*P, \* @ \*F, A \*H( &. /5', Q - , H R Q \* / \* /- /5, BM& / . , / / / - , /0044,
- A \*F, A \*H( &. /5', P , @ \*
- J \* , \*A \*H( F \*K, &. /5', F , H R
- J \*J, \*? \*R, \*C \*P, \*F \*K, A \*H( &. /5', N R Q \* , H
- J \* J, \* @ \*P, \*? , \*A \*H\*Q \*? , ( &. /4', L 8D \*
- R Q \*25\*2/1-200, BM& / . , / / / - , /07. , A \*H?, , (\*J \*N, \*Q \*A, \*K, \*F \* @ \*A \*H\* B \*P, \*M, \*B \*H\* I \*H\* J \*A, \*K \*H\* N \*K, \*P \*J, Q \*Q, &. /4', B



- K \*A,( A \*H &. /5', M , C P K & , J, B \*C ,
- ? \*R, \*S \*P, ( A \*H &. /5', M , GM K K , E, A & , \*
- J \*J, \*Q \*? , A \*H &. /5', C , GL D D F ? , P, U & " \*C ,