

Gi urailosli

L E¹¹¹ olt *

MI Ly^{1.4}.₁₁) Lski L%7.1341 (jA t¹⁹.¹¹ 149.₁₁)
:Z3:16Y b:141 —

0.1.1.4¹¹ Ai"JJ X" CA²¹ 64¹ CJA -19) 34¹ .j. ¹¹ •
ty.oyll (5.4 (7 cl j1 .1)

(c).1 $\frac{4111:13}{4^3 3^3 11}$

.34¹¹

$d_{11} - {}^{13}9$ ($0^{11} - .1^{11}3$) 1.1.13A-1:111 jai •
 $c) 1.4^{11}11$ (•) • 0..ai.1

41-339 (e-9.41 ÷ 11) (y4) LS-11-1311 -
JLS.1143.1.1 4A411

$$-3 \frac{1}{1} \text{Ly-4.53}^{-11} \text{ c.).. (3-cl } \frac{1}{1} \text{ c.2}^5 3.4^{11}) \quad \text{c-}^2 34^{11} \bullet$$

$$(\text{Zr. c. / . } \quad \quad \quad - \underline{\mathbf{V.}}^{\text{csc}} \parallel$$

x11 UA Alatzas 4-1c6j  ILN.11 sV_yV

$$\text{LS} : \mathbf{Y}^{4;(-2}_{44}{}^{4111:13}\mathbf{C})^{\circ 1} \mathbf{5}^{3.1;\&,04} \mathbf{4}^{2\mathbf{a}} \mathbf{1} \epsilon$$
$$IS_{(Si)}$$

:La ■-■1- 11 4&.11 .)13.41.1 L5₃1...511 c vSyll ;Lul...p

c_20_41 ti —3

L 1, tiii i :LA _.)¹ ☹

L.L'-111 ..?)?_)39

$(j^* 71^3 3^{-4} 1^{11})$ $C_j 9^{19} 21$ $1.15^{10} : "c f^1 S \quad 1^{*11})$

3.41 34.11 t23.&)11 *

4:1Q1,3 1_g4[†] j411 4.41:1;31 jS₋).411 (٢١.1)A[†] j.1 -0

- - &-433M) *A44.4
&P_{3m.i.} P a34-^{1†} - _____

- 1:33^{1†}?^{3†} - - L5. .Jv1 - &.01.-61^{1†} -

• (c.)• ^{1†} - _____

fib? :1&•^{1†} vsl (:)[†] ⁴R-c-14 -^{1†}
مستوى ٣٠.%

LF:L.-111 341 _3411 jisall .itiztil3 csⁱ -_3..1 -1/

LF311.11 3.18^{1†}11_34:N11 A_{4J}.12.4 _U.3j LAS

% •

Gj.6₁)p c.P.[†]44 c.tik:LCVi c.٢)6/bl —A

_33 3.-.4 _3\$ L_sic. j3-^{1†} 41E13 c.4.931 L.531..a.o

.cn1 csⁱ 4,13.12,3 ')/ 1-45 04,1_3&.

:PU44^{1†} **LAI VAL"** -

... t:A^{3--1†} 3 CiP:3.)•^{1†} 4"1 c c -^{1†}3^{1†} L_3^{1†}

.o 1.41 14,1_,....01111 &A:kali...0 35JAI) (٢)433-)411

.. p LA:gusli 1.4 Cj.4 .114³

;)A 1 44..11 -)41

cl _____ (→_1 s.114.3 (٢)4^{1†}1 •

Cfr4l—u93 C94.1--i13 .1÷,L1 csⁱ 3a1

VS --..a1.i319 0.0.4-1.1 g 93..%11 ou.4)111 04.1i1%.1411 1..45 111 &41...111

: ELIA pL.44.4 I

ji.S4 **Li111** 4.136.45 44i 3.4.11 .12...33 - 1

1<11 CJIS 1.AS N..1;1,9,31..21 cstlaS
X I,) 1.D1c:11

$L^{-1}:0^l a^{-6}IA$ i.5.9'

c99 (.)43)411

• ¹-e,da

¹4J¹ Lsi:LN-4 C1⁴.1113 A-23.13.)11 (5;-%-⁴
1.143 L:6:9LN.4

4¹¹¹¹ 4.1⁴-9-)4

(-1.441 J.413 c:J14 u .43 -

di) I;Cli -11

C1.4³314¹—.' Si a--¹¹,3 "4^{131.1}:4c- LA ⁴9t-i=-.7i?
.%v

_____ 4.31 _____—o

a,"' ⁴¹³3 ia--¹¹¹ °/01 • C59 "A Si9,)4¹¹
.¹.1? L,) "¹3 3³

:4 91941 **.(-4**

"¹¹—9.¹¹9 34¹ C14 JS `4.)-?: J^{AC}.

jLi ¹ - (s**ic**. 1.44:11301&. .10L4

³ ¹4¹¹ **Lc**^{ia} \¹ • fra LiS 94¹

o 1 ⁴-c-J-⁴7N-⁴ (-1-C t-.L⁴¹-TN-0 LA (¹
%or • ,%o'i • 4%1 . 11:9_54) Ls^{ia} uvti

- ____ - 31=11 Lyl.4.5111 (:).3
 %'i' • c%1 • 1 Jlau..31 c.141) j4
 Lr ic. y1...a.411 — u ____ — LyLoY J %r
 --- 1113 1..°11 :;"A÷-d¹¹4 c-..²¹¹ 64-¹ VA ____
 ji-..11 2³ 4¹¹¹ zit:L111 u,g bl Sij
 ____ 3-1-N31 cy,.. 3.41 js&il l.4c.
 J} t;;--kli L)c, 1&a,M11 %Yi cs:111 1 (s¹) 413.a11119
 ____ cL1-:Γ111 L:3)41;1 aa9 Yo c10 • 4%
 IL-131J A_.1.3.13:11¹¹ 4-311 cs111S9 (T.D) ____ ?i'^g Di-119j4¹
 ____ Cja (N.P.U) (B.V)
 A-1.)4¹ ci
 T.D) ?; a9 ti19 — ____ &i;;Ili oa43 p____ Jr-3 -
 y-..¹¹³ 31=11 0.14.5111 (NPU , B.V ,
 j ____ (D1,3 ____ sa 311.11a
 Ls 31 cY00 1) NPU c B.V
 3 2^{°11} 34^{11 4}:" ____ Lc-^{4.411} t9-* csi (:).1 ¹¹¹ L54^{4 11} -il L>a¹¹
 ____ - ____ :!:-¹1) 0.:c21 1¹ DA LIS 4-³ ()^{4,1311} 211: 3
 ____ - 3_1=11 o,5¹¹) A_4'c.1...11 cL1.413411 j.),11
 1 .a._=9,3, csf)1... //I ji1-¹¹¹ (o1.,a.m11 1413.,01111
 -P<0.05
 .s)D ;A.:41 L..11 u j1..N.11 LyLA il a.91.4 - r
 (%r • ,0/0 •) Lrwa?<1113i j.)1111
 ap3),41 1.4 C. j ____ z..111111 ~,1~ 311 CLj4.1;1
 (B.V) 34.31 (T.D) ____
 (.33jaC11 cs⁹ (N.P.U) .14r;-11 A.;24..4.11 au:3 j419

¹¹¹C>⁴;••4:~³3.)-!4-^{51.13}sy3-¹₁₁₃₁ts_y&~i
•:~^k1_)4¹csi''_{L.4¹¹}_{2NA-1-}_{Λ¹¹}
j_c. _____(2L)_____44 7ct **I 6:~b•_9.4.2**
02:11...-i11₄ **Lc** y~t+;uuu11 **a.3₁)**^{4,11}ji_g4j,11
43_11₉c_~%.111ca_u^{ll}**at:111;i1W3**
^{3:1⁵}**.)4¹C****jⁱ a**<¹¹**.91 LEI atⁱ1A**^{4_{7¹⁹}}
3:1~-11
•P<0.05cs(5c.

114-.94^{1/} k,²²4

U⁴³¹¹¹¹⁴⁴ i^{1/111,141/}

U:132

csⁱ

L^{til}.Ajith

j.11,0

AR 63..3141 mil, - -
r >4,jcp -4cl_i,p •qs—

- ²y,cJJ. ay^{l6} LKY.J9¹¹&
J.^{3l}

a-u10 bl

o^{lc}j.30.4L-%11

4:4-c1.1,40

.....

لجنة البحوث العلمي:

أ. د/ سليمان عباس سليمان

6.1.31. **O**

j4.114.1 ;krA J 4S1S

4si4 111 Cla Lia •Gili tij

.....

u•IP CjAii& (:).44.426 1.3 •

c9~j~jS1 mil, — je:1,1,? acI_J311 Z_i1S — ;4)14,31 L*Azliaza 311.11

.....

j...2:1 SW1 1.1c' /3

j.311311

;Lai_J311 "4.5 — ar.L.11 ,j1.41 .1 tj

..... kits... ...
z

ia

,LJ 5_411 3S_>. Lac. 11₃ 416.S.1 cSJSJa11

*4,11i1 L3L.13.211

:4^OJ3¹¹

01=1'4 14°),9,)4 O⁴¹¹- 14 i¹¹, 511,,1

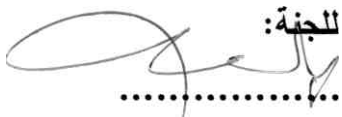
EL") 14.\$ 4¹

),.4 ;01-JJ)

4.0:11.4)il 14.1.4 4146.1.44 J.31g

1 g Al" di jti j11:Lsc.44 —)311:41S— c ti)) - j i ejia.
Y — l j11 aslS— l j3l
CA.);5444.1 cs^k

(4116.

 للجنة: 5.4 14.4c. ai sag
..... / .3 41
— ;Lc4S)31l — c.,i c. 4.) 9 :LP aj 31lj

 CRIA44441 414C4 A.4.%44 ..1.1
ة الزقازيق. — ;tc.I ;41S
U-44- u..¹.la /
j.1l — A.,1S-Z1.31:1;4.11

. Cj),j1i)1 — j j11 41S —kill: WI k.:Ar.t.i...atIV aa.-j
..... .4a ujG /5
6,01.9311 amt _ — J311 — — ,D1.41 31:1j
oooooo 7),*)4.1. cILa /.¹
— z₃:16.50 4,3S_j.11 31:LAI

$$V \rightarrow 0$$