

# **CHAPTER - V**

## **STATEMENT OF RESULTS**

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### STATEMENT OF RESULTS.

#### 5.01 INTRODUCTION

The result are presented in the form of descriptive statistics and infrential statistics.

#### 5.02 STATISTICS USED

##### 1. Descriptive statistics

To provide detailed information about the scores of the IV (Cultural Group, Gender) on the DV (Reading Accuracy andReading Comprehension) descriptive statistics are presented below. Descriptive statistics in the form of Mean and Standard Deviation has been used. The purpose in presenting these is to provide the reader with clear descriptive summaries of the extensive data collected.

##### 2. Inferenial statistics

Inferential statistcs in the form of 't' test has been used to summarise the results.

The data can be of value for other workers in this field.

#### 5.03 FOR READING ATTAINMENT

##### 1. For reading accuracy

The raw score was obtained by summing up

Reading Comprehension.

Under this all the numbers of the correct answer for each passage are added up and recorded in the box given next to each passage, then the correct, answers<sup>w</sup> of all the three passages were summed up and total score was noted with first sheet on the top right hand side box of the record sheet.

the errors. The means of the accuracy raw scores for the classifications of cultural groups and gender groups show that there is no difference in the means of accuracy raw scores for tribal & non tribal children, tribal boys and girls, tribal & non tribal boys and tribal & non tribal girls.

## 2. For Reading Comprehension

The raw score was obtained by summing up the number of correct responses. The means of the comprehensions scores show that there is no difference in the means of raw score for tribal & non tribal children, tribal boys and girls, tribal & non tribal boys and tribal & non tribal girls.



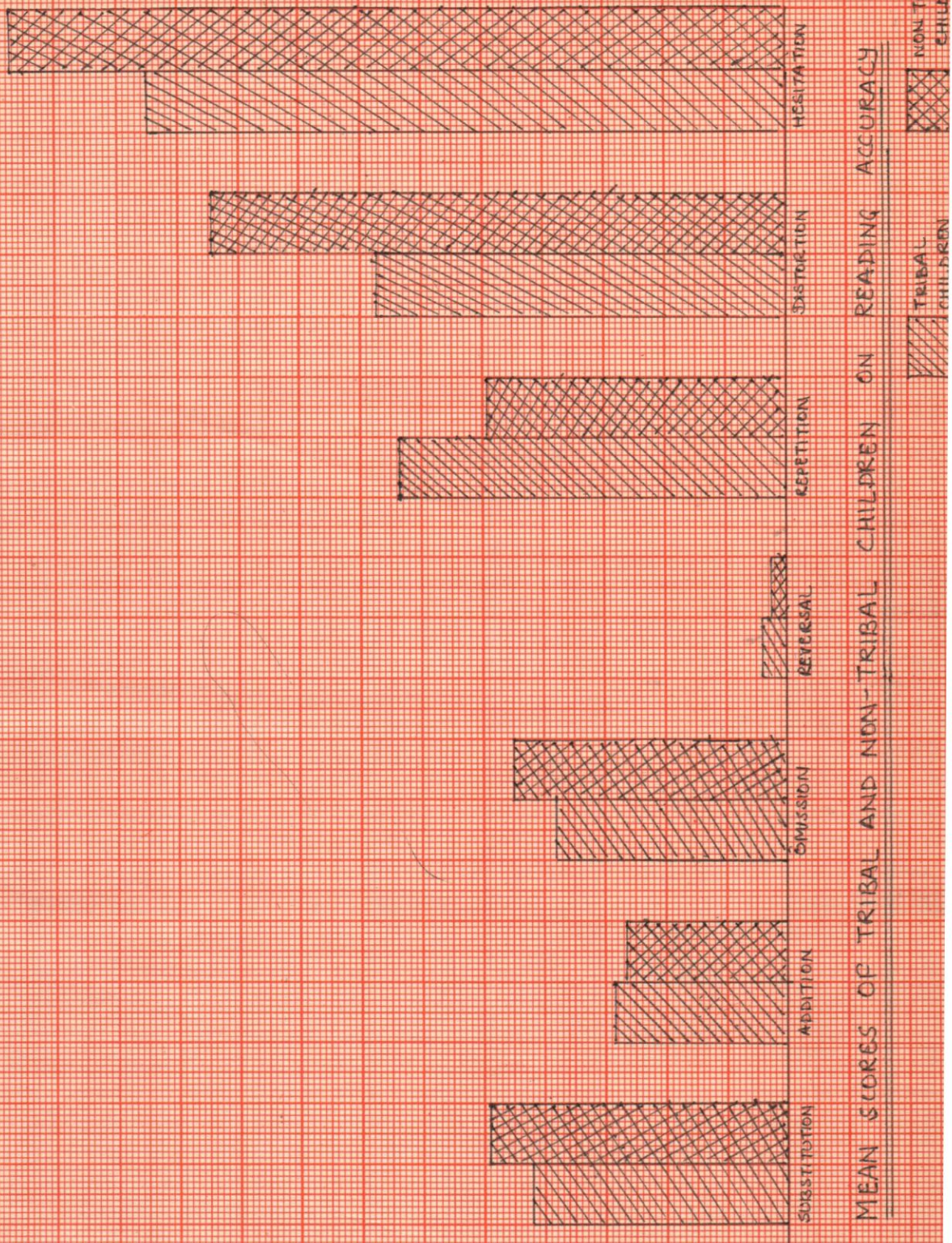
TABLE NO: 2  
READING ACCURACY (TRIBAL AND NON TRIBAL CHILDREN)

CULTURE GROUP		Subs	Addi	Omi	Rev	Rep	Dis	Hesi	Total
TRIBAL (N=16)	R.S.	133	92	123	14	204	216	331	
	X	8.31	5.75	7.68	0.87	12.75	13.5	21.06	69.92
	%	11.88%	8.22%	10.98%	1.24%	18.23%	19.30%	30.12%	
NON TRIBAL (N=16)	R.S.	158	85	153	8	152	306	409	
	X	9.87	5.31	9.56	.5	9.5	19.12	25.56	79.42
	%	12.42%	6.68%	12.03%	.62%	11.96%	24.07%	32.18%	

Key: Subs:- Substitution; Addi:- Addition; Omi:- Omission; Rev:- Reversal  
Rep:- Repetition; Dis:- Distortion; Hesi:- Hesitation; R.S.:- Raw Score  
X:- Mean; % :- Percentage; N:- No. of children



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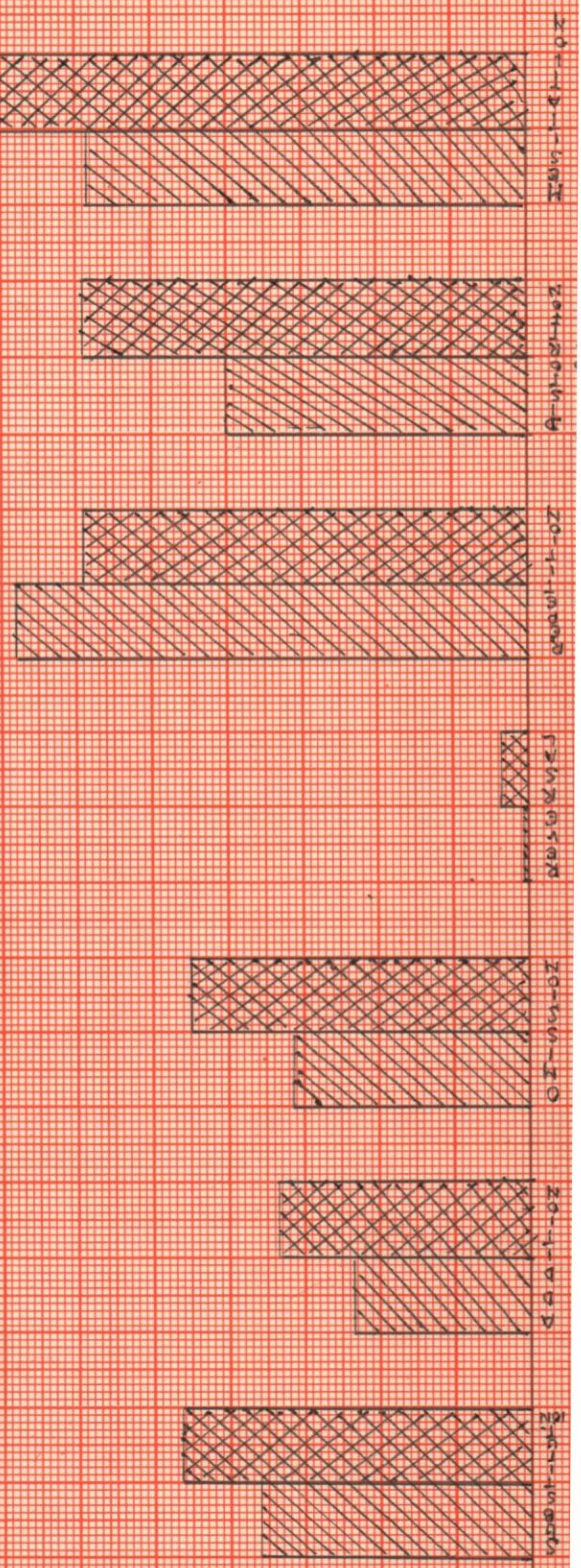
MEAN SCORES OF TRIBAL AND NON-TRIBAL CHILDREN ON READING ACCURACY

NON-TRIBAL CHILDREN  
TRIBAL CHILDREN



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BOYS  
GIRLS





**TABLE NO: 3**  
**READING ACCURACY (TRIBAL AND NON TRIBAL CHILDREN) Boys and Girls**

CULTURE GROUP	GENDER		Subs	Addi	Omi	Rev	Rep	Dis	Hesi	Total
TRIBAL (N=16)	Boys (N=8)	R.S.	58	38	51	4	109	121	186	
		X	7.25	4.75	6.37	0.5	13.62	8.03	11.62	70.8
		%	11.80%	6.70%	8.98%	0.70%	19.22%	21.33%	32.81%	
	Girls (N=8)	R.S.	75	54	72	6	95	91	151	
		X	9.37	6.75	9.00	0.75	11.87	11.87	18.87	68.4
		%	13.68%	9.85%	13.14%	1.09%	17.33%	17.33%	27.55%	
NON TRIBAL (N=16)	Boys (N=8)	R.S	79	46	85	5	81	150	215	
		X	9.87	5.75	10.62	0.62	10.12	18.75	26.87	82.6
		%	11.94%	6.95%	12.85%	0.75%	12.24%	22.69%	32.52%	
	Girls (N=8)	RS	79	39	68	3	71	156	194	
		X	9.87	4.87	8.5	0.37	8.87	19.5	24.25	76.2
		%	12.94%	6.38%	11.15%	.48%	11.63%	25.58%	31.81%	

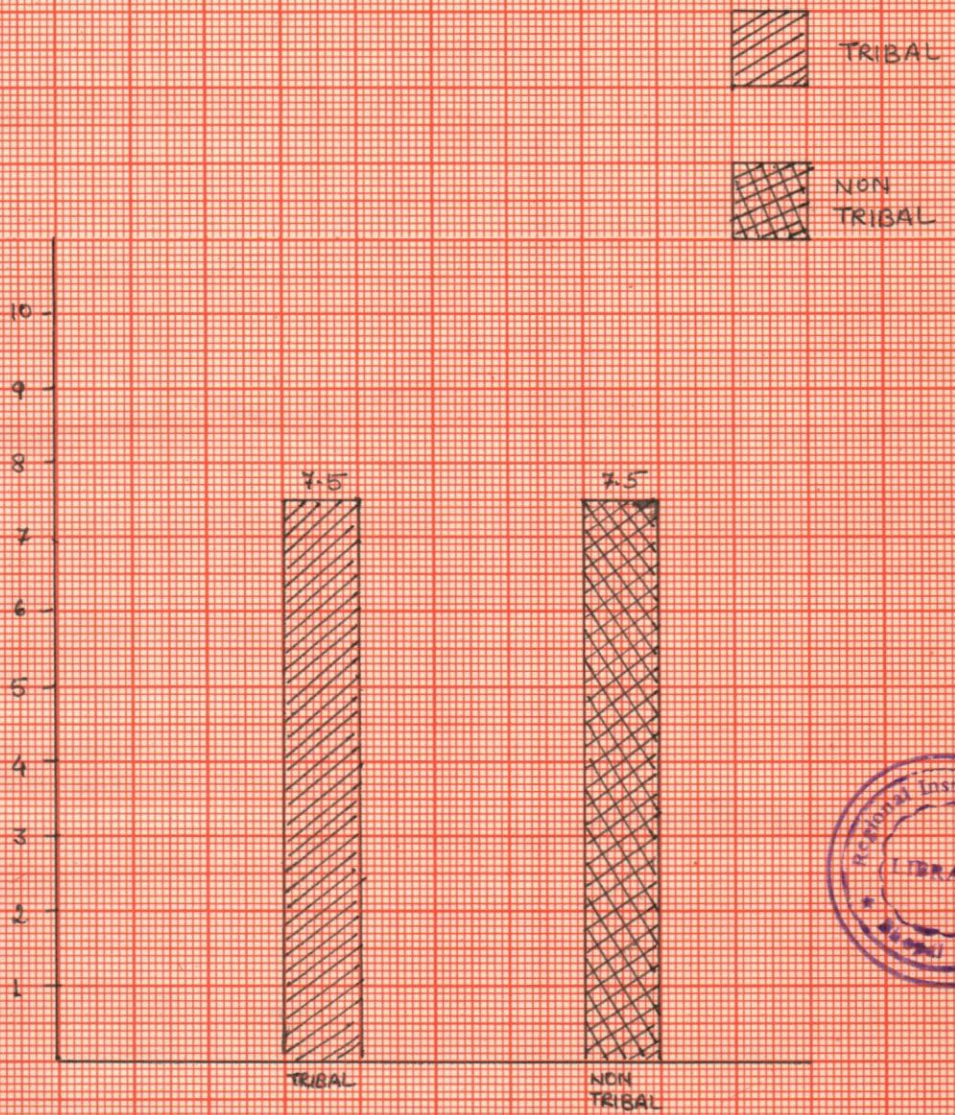
Key: Subs:- Substitution; Addi:- Addition; Omi:- Omission; Rev:- Reversal  
Rep:- Repetition; Dis:- Distortion; Hesi:- Hesitation; R.S.:- Raw Score  
X:- Mean; % :- Percentage; N:- No. of children.

**TABLE NO. 4**  
**READING COMPREHENSION (TRIBAL AND NON TRIBAL CHILDREN)**

CULTURE GROUP	SCORES		PERCENTAGE
	RAW SCORES	MEAN SCORES	
TRIBALS (N=16)	121	7.56	50.4 %
NON TRIBALS (N=16)	120	7.5	50 %

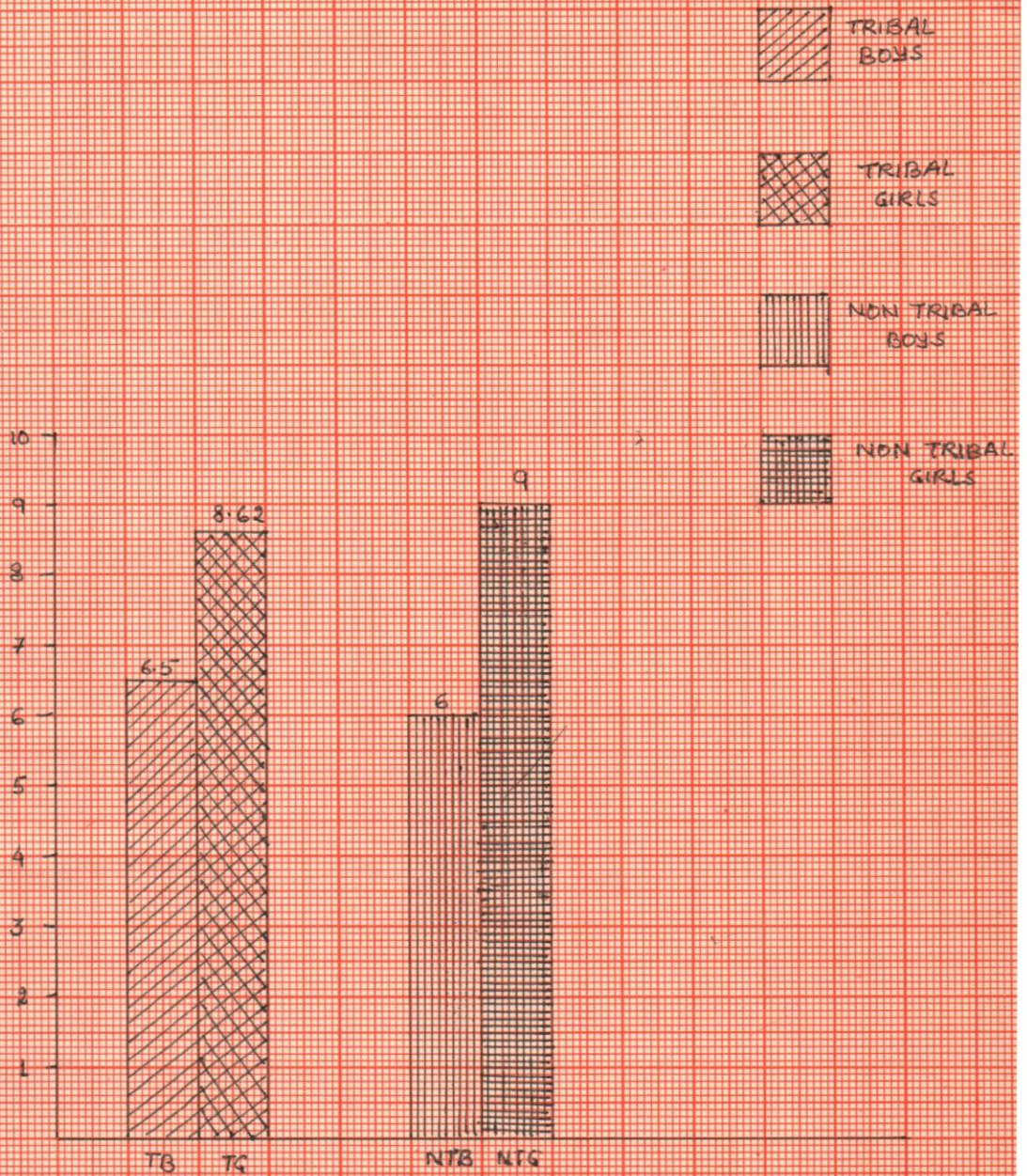
Key: N:- No. of children





MEAN SCORES OF TRIBAL AND NON-TRIBAL CHILDREN ON READING COMPREHENSION





MEAN SCORES OF TRIBAL AND NON TRIBAL BOYS AND GIRLS ON READING COMPREHENSION



TABLE NO. 5

## READING COMPREHENSION (TRIBAL AND NON TRIBAL BOYS &amp; GIRLS)

CULTURE GROUP	GENDER	SCORES		PERCENTAGE
		RAW SCORES	MEAN SCORES	
TRIBALS (N=16)	BOYS (N=8)	52	6.50	42.98%
	GIRLS (N=8)	69	8.62	57.01%
NON TRIBALS (N= 16)	BOYS (N=8)	48	6	40 %
	GIRLS (N=8)	72	9	60 %

Key: N:- No. of children

TABLE NO. 6

## READING ACCURACY (TRIBAL AND NON TRIBAL CHILDREN)

	CULTURE GROUP	X	S.D.	d	D	t	
(N=32)	TRIBAL ( N = 16)	69.68	58.7	21.39	9.88	0.45	ns
	NON TRIBAL (N=16)	79.56	63.19				

KEY:- x=Mean; S.D=Standard Deviation;  
d=Standard error of mean; D= Diffrence;  
ns= non signifieant; N= no.of students.



TABLE NO. 7

## READING COMPRE HENSION (TRIBAL AND NON TRIBAL CHILDREN)

	CULTURE GROUP	X	S.D.	d	D	t	
(N=32)	TRIBAL ( N = 16 )	7.56	3.32	1.13	0.06	0.05	ns
	NON TRIBAL (N=16)	7.5	3.10				

TABLE NO. 8

## READING ACCURACY (TRIBAL BOYS AND GIRLS)

	GENDERE	X	S.D.	d	D	t	
	BOYS ( N = 8 )	70.87	58.68	29.37	2.37	0.08	ns
	GIRLS (N=8 )	68.56	58.84				

TABLE NO. 9

## READING COMPREHENSION (TRIBAL BOYS AND GIRLS)

	GENDER	X	S.D.	d	D	t	
	BOYS ( N = 8 )	6.5	2.29	1.56	2.12	1.35	ns
	GIRLS (N=8 )	8.62	3.81				



TABLE NO. 10

READING ACCURACY (TRIBAL AND NON TRIBAL BOYS)

CULTURE GROUP	X	S.D.	d	D	t	
TRIBAL BOYS ( N = 8 )	70.87	58.68	11.69	11.75	1.00	ns
NON TRIBAL BOYS (N=8)	82.62	67.36				

TABLE NO. 11

READING COMPREHENSION (TRIBAL BOYS AND NON TRIBAL BOYS)

CULTURE GROUP	X	S.D.	d	D	t	
TRIBAL BOYS ( N = 8 )	6.5	2.29	1.04	0.5	0.48	ns
NON TRIBAL BOYS (N=8)	6.00	1.87				

TABLE NO. 12

READING ACCURACY (TRIBAL AND NON TRIBAL GIRLS)

CULTURE GROUP	X	S.D.	d	D	t	
TRIBAL GIRLS(N=8)	68.5	58.84	29.42	8.00	0.03	ns
NON TRIBAL GIRLS (N=8)	76.5	58.87				



TABLE NO. 13

## READING COMPREHENSION (TRIBAL AND NON TRIBAL GIRLS)

CULTURE GROUP	X	S.D.	d	D	t	
TRIBAL GRILS (N=8)	8.62	3.81				
NON TRIBAL GRILS (N=8)	9.00	3.35	1.74	0.38	0.21	ns