APPENDIX

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1. The following pages from Raja Rao's and Chinua Achebe's texts were selected using Fisher's Table of Random Numbers for linguistic analysis:

RAJA RAO

Kanthapura(K) 21, 24, 33, 35, 40, 65, 68, 71, 78, 82, 83, 94, 95, 107, 116, 156, 160, 174, 207, 211, 216, 219, 234, 240, 254, 257.

The Serpent and the Rope(SR) 21, 24, 33, 35, 40, 65, 68, 71, 78, 82, 83, 94, 95, 107, 116, 156, 160, 165, 174, 207, 211, 213, 216, 219, 234, 240, 254, 257, 279, 290, 294, 302, 305, 310, 328, 343, 366, 367, 392, 398.

The Cat and Shakespeare(CS) 21, 33, 35, 40, 65, 68, 71, 82, 83, 94, 95, 107.

Comrade Kirillov(CK) 21, 33, 35, 40, 65, 68, 71, 78, 82, 83, 94, 95, 107.

The Policeman and the Rose(PR) 21, 33, 35, 40, 65, 68, 71, 78, 82, 83, 94, 95, 107, 116.

CHINUA ACHEBE

Things Fall Apart (TFA) 4, 21, 24, 33, 35, 40, 65, 68, 71, 78, 82, 83, 94, 95, 107, 156, 160, 165, 174.

No Longer at Ease (NLAE) 4, 21, 33, 35, 40, 65, 68, 71, 78, 82, 83, 94, 95, 107, 116.

Arrow of God (AOG) 4, 21, 24, 33, 35, 40, 65, 68, 71, 78, 82, 83, 94, 95, 107, 116, 156, 160, 174, 207, 211, 216, 219.

A Man of the People (AMOP) 4, 21, 33, 35, 40, 65, 68, 71, 78, 82, 83, 94, 95, 107, 116.

Girls at War (GAW) 21, 33, 35, 40, 65, 68, 71, 82, 83, 94, 95, 107.

2. Formulas for 't' ratio and χ^2 (Chi-square)

i) Formula for 't' ratio (for testing the significance of the difference between the means)

$$t = \frac{M_1 - M_2}{\sqrt{\frac{\sigma_1^2}{N_1} + \frac{\sigma_2^2}{N_2}}}$$

where M_1 = Mean of the first sample

N_1 = Number of cases in the first sample

σ_1^2 = variance of the first sample

M_2 = Mean of the second sample

N_2 = Number of cases in the second sample

σ_2^2 = Variance of the second sample

ii) Formula for χ^2 (Chi-square)

$$\chi^2 = \sum \frac{(f_o - f_e)^2}{f_e}$$

where f_o = observed frequency

f_e = expected frequency.