

# Tabulation and Observations

Strata	No. of Pages	Sample Size	Pages No.
A-E	72	4	7, 19, 55, 72
F-J	73	4	88, 95, 104, 111
K-O	276	12	156, 175, 230, 242, 254, 270, 272, 276, 299, 300, 310, 342
P-T	7	4	422, 425, 426, 428
U-Z	222	8	452, 469, 471, 491, 508, 577, 607, 641
	650	32	

STRATUM A-E

S.No.	Page No.	No. of words(y1i)	y1i <sup>2</sup>
1	7	44	1936
2	19	43	1849
3	55	20	400
4	72	24	576
	Total	131	4761

STRATUM F-J

S.No.	Page No.	No. of words(y2i)	y2i <sup>2</sup>
1	88	17	289
2	95	40	1600
3	104	49	2401
4	111	29	841
	Total	135	5131

STRATUM K-O

S.No.	Page No.	No. of words(y3i)	y3i <sup>2</sup>
1	156	41	1681
2	175	28	784
3	230	49	2401
4	242	29	841
5	254	32	1024
6	270	43	1849
7	272	47	2209
8	276	28	784
9	299	22	484
10	300	47	2209
11	310	11	121
12	342	24	576
	Total	401	14963

STRATUM P-T

S.No.	Page No.	No. of words(y4i)	y4i <sup>2</sup>
1	422	42	1764
2	425	43	1849
3	426	33	1089
4	428	34	1156
	Total	152	5858

STRATUM U-Z

S.No.	Page No.	No. of words(y5i)	y5i <sup>2</sup>
1	452	17	289
2	469	49	2401
3	471	41	1681
4	491	12	144
5	508	19	361
6	577	17	289
7	607	49	2401
8	641	10	100
	Total	214	7666

# Calculations

Sr. No.	ni	$\Sigma Y_i$	$Y_i = \Sigma Y_i / n_i$	Ni	NiYi	$(1 - f_i) / n_i$	Wi	Si <sup>2</sup>	$((1 - f_i) / n_i) W_i^2 S_i^2$
1	4	131	32.75	72	2358.0	0.236111	0.110769	156.916667	0.454592
2	4	135	33.75	73	2463.75	0.236301	0.112308	191.583333	0.571011
3	12	401	33.416667	276	9223.000092	0.07971	0.424615	142.083333	2.041957
4	4	152	38.0	7	266.0	0.107143	0.010769	27.333333	0.00034
5	8	214	26.75	222	5938.5	0.120495	0.341538	277.357143	3.8984
Total					20249.250092				6.9663