

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)	y1i²
1	7	28	784
2	19	18	324
3	55	43	1849
4	72	16	256
	Total	105	3213

STRATUM F-J

S.No.	Page No.	No. of words(y2i)	y2i²
1	88	19	361
2	95	34	1156
3	104	45	2025
4	111	41	1681
	Total	139	5223

STRATUM K-O

S.No.	Page No.	No. of words(y3i)	y3i²
1	156	30	900
2	175	11	121
3	230	46	2116
4	242	36	1296
5	254	36	1296
6	270	27	729
7	272	15	225
8	276	10	100
9	299	41	1681
10	300	19	361
11	310	10	100
12	342	35	1225
	Total	316	10150

STRATUM P-T

S.No.	Page No.	No. of words(y4i)	y4i²
1	422	36	1296
2	425	32	1024
3	426	19	361
4	428	36	1296
	Total	123	3977

STRATUM U-Z

S.No.	Page No.	No. of words(y5i)	y5i²
1	452	19	361
2	469	21	441
3	471	50	2500
4	491	29	841
5	508	24	576
6	577	27	729
7	607	50	2500
8	641	24	576
	Total	244	8524

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	105	26.25	72	1890.0	0.236111	0.110769	152.25	0.441073
2	4	139	34.75	73	2536.75	0.236301	0.112308	130.916667	0.390195
3	12	316	26.333333	276	7267.999908	0.07971	0.424615	166.242424	2.389161
4	4	123	30.75	7	215.25	0.107143	0.010769	64.916667	0.000807
5	8	244	30.5	222	6771.0	0.120495	0.341538	154.571429	2.172583
Total					18680.999908				5.393819