

Tabulation and Observations

Strata	No. of Pages	Sample Size	Pages No.
A-E	220	10	17, 75, 77, 102, 122, 126, 142, 145, 173, 196
F-J	100	4	274, 279, 296, 306
K-O	15	4	323, 326, 327, 328
P-T	129	6	352, 389, 402, 423, 427, 462
U-Z	236	11	478, 479, 495, 519, 527, 554, 557, 559, 571, 607, 645
	700	35	

STRATUM A-E

S.No.	Page No.	No. of words(y1i)	y1i ²
1	17	30	900
2	75	32	1024
3	77	48	2304
4	102	45	2025
5	122	41	1681
6	126	25	625
7	142	12	144
8	145	29	841
9	173	39	1521
10	196	29	841
	Total	330	11906

STRATUM K-O

S.No.	Page No.	No. of words(y3i)	y3i ²
1	323	15	225
2	326	49	2401
3	327	28	784
4	328	28	784
	Total	120	4194

STRATUM F-J

S.No.	Page No.	No. of words(y2i)	y2i ²
1	274	22	484
2	279	14	196
3	296	29	841
4	306	19	361
	Total	84	1882

STRATUM P-T

S.No.	Page No.	No. of words(y4i)	y4i ²
1	352	32	1024
2	389	19	361
3	402	43	1849
4	423	29	841
5	427	45	2025
6	462	15	225
	Total	183	6325

STRATUM U-Z

S.No.	Page No.	No. of words(y5i)	y5i ²
1	478	18	324
2	479	36	1296
3	495	41	1681
4	519	31	961
5	527	36	1296
6	554	48	2304
7	557	18	324
8	559	29	841
9	571	13	169
10	607	27	729
11	645	38	1444
	Total	335	11369

Calculations

Sr. No.	ni	ΣY_i	$Y_i = \Sigma Y_i / n_i$	Ni	NiYi	$(1 - f_i) / n_i$	Wi	Si²	$((1 - f_i) / n_i) W_i^2 S_i^2$
1	10	330	33.0	220	7260.0	0.095455	0.314286	112.888889	1.064388
2	4	84	21.0	100	2100.0	0.24	0.142857	39.333333	0.192653
3	4	120	30.0	15	450.0	0.183333	0.021429	198.0	0.016669
4	6	183	30.5	129	3934.5	0.158915	0.184286	148.7	0.802529
5	11	335	30.454545	236	7187.27262	0.086672	0.337143	116.672727	1.149414
Total					20931.77262				3.225653