

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 ²
1	7	25	625
2	19	30	900
3	55	17	289
4	72	40	1600
	Total	112	3414

STRATUM F-J

S.No.	Page No.	No. of words(y2i)	y2i ²
1	88	26	676
2	95	27	729
3	104	44	1936
4	111	14	196
	Total	111	3537

STRATUM K-O

S.No.	Page No.	No. of words(y3i)	y3i ²
1	156	14	196
2	175	29	841
3	230	30	900
4	242	39	1521
5	254	20	400
6	270	26	676
7	272	30	900
8	276	27	729
9	299	19	361
10	300	37	1369
11	310	22	484
12	342	19	361
	Total	312	8738

STRATUM P-T

S.No.	Page No.	No. of words(y4i)	y4i ²
1	422	41	1681
2	425	42	1764
3	426	25	625
4	428	23	529
	Total	131	4599

STRATUM U-Z

S.No.	Page No.	No. of words(y5i)	y5i ²
1	452	45	2025
2	469	12	144
3	471	33	1089
4	491	42	1764
5	508	43	1849
6	577	31	961
7	607	13	169
8	641	44	1936
	Total	263	9937

Calculations

Sr. No.	ni	ΣY_i	$Y_i = \Sigma Y_i / n_i$	Ni	NiYi	$(1 - f_i) / n_i$	Wi	Si ²	$((1 - f_i) / n_i) W_i^2 S_i^2$
1	4	112	28.0	72	2016.0	0.236111	0.110769	92.666667	0.268458
2	4	111	27.75	73	2025.75	0.236301	0.112308	152.25	0.453779
3	12	312	26.0	276	7176.0	0.07971	0.424615	56.909091	0.817872
4	4	131	32.75	7	229.25	0.107143	0.010769	102.916667	0.001279
5	8	263	32.875	222	7298.25	0.120495	0.341538	184.410714	2.591989
Total					18745.25				4.133377