

Tabulation and Observations

Strata	No. of Pages	Sample Size	Pages No.
A-E	230	10	34, 43, 54, 63, 71, 114, 137, 192, 203, 214
F-J	67	4	239, 260, 271, 289
K-O	134	5	298, 312, 335, 353, 374
P-T	26	4	443, 444, 449, 454
U-Z	93	5	461, 466, 479, 490, 531
	550	28	

STRATUM A-E

S.No.	Page No.	No. of words(y1i)	y1i²
1	34	38	1444
2	43	17	289
3	54	37	1369
4	63	18	324
5	71	16	256
6	114	23	529
7	137	35	1225
8	192	30	900
9	203	31	961
10	214	36	1296
	Total	281	8593

STRATUM F-J

S.No.	Page No.	No. of words(y2i)	y2i²
1	239	45	2025
2	260	41	1681
3	271	37	1369
4	289	18	324
	Total	141	5399

STRATUM P-T

S.No.	Page No.	No. of words(y4i)	y4i²
1	443	47	2209
2	444	23	529
3	449	21	441
4	454	39	1521
	Total	130	4700

STRATUM K-O

S.No.	Page No.	No. of words(y3i)	y3i²
1	298	31	961
2	312	17	289
3	335	26	676
4	353	26	676
5	374	21	441
	Total	121	3043

STRATUM U-Z

S.No.	Page No.	No. of words(y5i)	y5i²
1	461	16	256
2	466	33	1089
3	479	30	900
4	490	22	484
5	531	11	121
	Total	112	2850

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	10	281	28.1	230	6463.0	0.095652	0.418182	77.433333	1.295247
2	4	141	35.25	67	2361.75	0.235075	0.121818	142.916667	0.498554
3	5	121	24.2	134	3242.8	0.192537	0.243636	28.7	0.328004
4	4	130	32.5	26	845.0	0.211538	0.047273	158.333333	0.074849
5	5	112	22.4	93	2083.2	0.189247	0.169091	85.3	0.46155
Total					14995.75				2.658204