

Tabulation and Observations

Strata	No. of Pages	Sample Size	Pages No.
A-E	240	11	21, 66, 123, 126, 128, 140, 142, 148, 181, 186, 189
F-J	372	15	241, 280, 290, 292, 301, 319, 333, 363, 400, 457, 480, 490, 537, 560, 600
K-O	121	6	613, 648, 664, 665, 685, 691
P-T	7	4	734, 735, 739, 740
U-Z	60	4	756, 761, 792, 800
	800	40	

STRATUM A-E

S.No.	Page No.	No. of words(y1i)	y1i ²
1	21	29	841
2	66	43	1849
3	123	31	961
4	126	39	1521
5	128	41	1681
6	140	18	324
7	142	20	400
8	148	19	361
9	181	43	1849
10	186	42	1764
11	189	36	1296
	Total	361	12847

STRATUM K-O

S.No.	Page No.	No. of words(y3i)	y3i ²
1	613	38	1444
2	648	10	100
3	664	28	784
4	665	46	2116
5	685	39	1521
6	691	40	1600
	Total	201	7565

STRATUM F-J

S.No.	Page No.	No. of words(y2i)	y2i ²
1	241	49	2401
2	280	46	2116
3	290	21	441
4	292	29	841
5	301	12	144
6	319	20	400
7	333	45	2025
8	363	31	961
9	400	24	576
10	457	15	225
11	480	14	196
12	490	25	625
13	537	48	2304
14	560	17	289
15	600	18	324
	Total	414	13868

STRATUM P-T

S.No.	Page No.	No. of words(y4i)	y4i ²
1	734	21	441
2	735	48	2304
3	739	44	1936
4	740	12	144
	Total	125	4825

STRATUM U-Z

S.No.	Page No.	No. of words(y5i)	y5i ²
1	756	29	841
2	761	24	576
3	792	32	1024
4	800	25	625
	Total	110	3066

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	11	361	32.818182	240	7876.36368	0.086742	0.3	99.963636	0.780394
2	15	414	27.6	372	10267.2	0.063978	0.465	174.4	2.412587
3	6	201	33.5	121	4053.5	0.158402	0.15125	166.3	0.60262
4	4	125	31.25	7	218.75	0.107143	0.00875	306.25	0.002512
5	4	110	27.5	60	1650.0	0.233333	0.075	13.666667	0.017937
Total					24065.81368				3.81605