

# 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 <sup>2</sup>
1	7	31	961
2	19	18	324
3	55	30	900
4	72	21	441
	Total	100	2626

STRATUM F-J

S.No.	Page No.	No. of words(y2i)	y2i <sup>2</sup>
1	88	10	100
2	95	16	256
3	104	16	256
4	111	13	169
	Total	55	781

STRATUM K-O

S.No.	Page No.	No. of words(y3i)	y3i <sup>2</sup>
1	156	14	196
2	175	26	676
3	230	46	2116
4	242	14	196
5	254	23	529
6	270	20	400
7	272	11	121
8	276	38	1444
9	299	20	400
10	300	38	1444
11	310	40	1600
12	342	11	121
	Total	301	9243

STRATUM P-T

S.No.	Page No.	No. of words(y4i)	y4i <sup>2</sup>
1	422	17	289
2	425	11	121
3	426	17	289
4	428	22	484
	Total	67	1183

STRATUM U-Z

S.No.	Page No.	No. of words(y5i)	y5i <sup>2</sup>
1	452	19	361
2	469	25	625
3	471	27	729
4	491	10	100
5	508	49	2401
6	577	22	484
7	607	16	256
8	641	10	100
	Total	178	5056

Calculations

Sr. No.	ni	ΣYi	Yi = ΣYi/ni	Ni	NiYi	(1-fi)/ni	Wi	Si²	((1-fi)/ni)Wi²Si²
1	4	100	25.0	72	1800.0	0.236111	0.110769	42.0	0.121675
2	4	55	13.75	73	1003.75	0.236301	0.112308	8.25	0.024589
3	12	301	25.083333	276	6922.999908	0.07971	0.424615	153.901515	2.211803
4	4	67	16.75	7	117.25	0.107143	0.010769	20.25	0.000252
5	8	178	22.25	222	4939.5	0.120495	0.341538	156.5	2.19969
Total					14783.499908				4.558009