

# 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)	y1i <sup>2</sup>
1	34	34	1156
2	43	30	900
3	54	35	1225
4	63	37	1369
5	71	25	625
6	114	46	2116
7	137	10	100
8	192	31	961
9	203	34	1156
10	214	49	2401
	Total	331	12009

## STRATUM F-J

S.No.	Page No.	No. of words(y2i)	y2i <sup>2</sup>
1	239	44	1936
2	260	50	2500
3	271	16	256
4	289	50	2500
	Total	160	7192

## STRATUM P-T

S.No.	Page No.	No. of words(y4i)	y4i <sup>2</sup>
1	443	20	400
2	444	10	100
3	449	26	676
4	454	34	1156
	Total	90	2332

## STRATUM K-O

S.No.	Page No.	No. of words(y3i)	y3i <sup>2</sup>
1	298	12	144
2	312	30	900
3	335	26	676
4	353	50	2500
5	374	47	2209
	Total	165	6429

## STRATUM U-Z

S.No.	Page No.	No. of words(y5i)	y5i <sup>2</sup>
1	461	44	1936
2	466	37	1369
3	479	45	2025
4	490	38	1444
5	531	25	625
	Total	189	7399

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	105	10.5	230	2415.0	0.095652	0.418182	234.5	3.922542
2	4	139	34.75	67	2328.25	0.235075	0.121818	130.916667	0.456693
3	5	316	63.2	134	8468.8	0.192537	0.243636	-2455.3	-28.060906
4	4	123	30.75	26	799.5	0.211538	0.047273	64.916667	0.030688
5	5	244	48.8	93	4538.4	0.189247	0.169091	-845.8	-4.576544
Total					18549.95				-28.227527