

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 ²
1	34	23	529
2	43	23	529
3	54	27	729
4	63	32	1024
5	71	46	2116
6	114	41	1681
7	137	23	529
8	192	13	169
9	203	30	900
10	214	46	2116
	Total	304	10322

STRATUM F-J

S.No.	Page No.	No. of words(y2i)	y2i ²
1	239	48	2304
2	260	49	2401
3	271	21	441
4	289	36	1296
	Total	154	6442

STRATUM P-T

S.No.	Page No.	No. of words(y4i)	y4i ²
1	443	48	2304
2	444	17	289
3	449	42	1764
4	454	38	1444
	Total	145	5801

STRATUM K-O

S.No.	Page No.	No. of words(y3i)	y3i ²
1	298	33	1089
2	312	16	256
3	335	19	361
4	353	47	2209
5	374	17	289
	Total	132	4204

STRATUM U-Z

S.No.	Page No.	No. of words(y5i)	y5i ²
1	461	14	196
2	466	18	324
3	479	25	625
4	490	13	169
5	531	16	256
	Total	86	1570

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	10	304	30.4	230	6992.0	0.095652	0.418182	120.044444	2.008014
2	4	154	38.5	67	2579.5	0.235075	0.121818	171.0	0.596521
3	5	132	26.4	134	3537.6	0.192537	0.243636	179.8	2.054882
4	4	145	36.25	26	942.5	0.211538	0.047273	181.583333	0.08584
5	5	86	17.2	93	1599.6	0.189247	0.169091	22.7	0.122828
Total					15651.2				4.868085