

TIME HEADWAY DISTRIBUTION			
	DAY AND DATE: WEDNESDAY _07/02/2024		LOCATION: INFRONT OF NITWARANGAL MAIN GATE.
	START TIME: 2:30 PM END TIME: 3:30 PM		DIRECTION: TOWARDS KAZIPET
	LANE: MID TO EDGE		

S.No	Time	S.No	Time
1	3.78	44	2.95
2	2.7	45	5.42
3	5.32	46	4.17
4	6.97	47	3.12
5	3.67	48	3.92
6	3.82	49	2.07
7	6.17	50	2.8
8	3.62	51	2.17
9	2.86	52	6.81
10	5.1	53	4.12
11	4.92	54	4.64
12	6.3	55	1.25
13	3.77	56	3.75
14	3.1	57	4.46
15	4.4	58	5.64
16	3.88	59	2.9
17	3.57	60	3.5
18	6.4		
19	4.42		
20	3.52		
21	4.47		
22	7.75		
23	6.64		
24	3.47		
25	7.39		
26	2.12		
27	1.65		
28	4.54		
29	4.05		
30	2.22		
31	2.2		
32	5.83		
33	8.31		
34	5.39		
35	1.32		
36	4.86		
37	2.6		
38	6.01		
39	5.71		
40	6.66		
41	3.09		
42	2.15		
43	7.01		

DESCRIPTIVE STATISTICS	
MEAN	4.29033
STANDARD DEVIATION	1.70193
MAX	8.31
MIN	1.25
RANGE	7.06
COUNT	60
CLASS INTERVAL	1
LAMBDA	0.23308

MIN	MAX	MID	OBSERVED FREQUENCY	FREQ*MID	PROBABILITY	EXPECTED FREQUENCY
0	1	0.5	0	0	0.207911478	12
1	2	1.5	3	4.5	0.164684295	10
2	3	2.5	12	30	0.13044454	8
3	4	3.5	15	52.5	0.103323623	6
4	5	4.5	11	49.5	0.081841456	5
5	6	5.5	7	38.5	0.064825678	4
6	7	6.5	8	52	0.051347675	3
7	8	7.5	3	22.5	0.040671904	2
8	9	8.5	1	8.5	0.032215749	2
			60		0.9	

AFTER POOLING(E)	BEFORE POOLING(O)	(O-E)^2/E
12	0	12
10	0	10
8	15	6.2
6	15	13.5
5	11	7.2
11	7	0
0	12	0
0	0	0
0	0	0
		48.9

AT 5% LEVEL OF SIGNIFICANCE	
DEGREE OF FREEDOM	5-1-1=3
CRITICAL CHI-SQUARE	7.8147279

TIME HEADWAY DISTRIBUTION (MID TO EDGE)

