

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 DIVIDER			

S.No	Time	S.No	Time
1	6.26	43	2.95
2	4.12	44	5.19
3	4.1	45	3.19
4	5.78	46	2.53
5	5.89	47	3.4
6	6.48	48	3.63
7	8.33	49	3.55
8	4.52	50	1.74
9	3	51	2.84
10	6.49	52	4.72
11	6.16	53	4.53
12	3.47	54	5.25
13	3.6	55	4.23
14	5.5	56	2.82
15	3.77	57	3.6
16	5.39	58	2.97
17	2.55	59	5.9
18	5.11	60	4.47
19	3.55		
20	3.42		
21	4.26		
22	9.99		
23	1.82		
24	2.03		
25	1.88		
26	5.07		
27	3.97		
28	4.27		
29	3.7		
30	7.76		
31	6.53		
32	2.67		
33	2.95		
34	4.21		
35	2.48		
36	5.24		
37	3.6		
38	4.57		
39	4.72		
40	3.52		
41	3.9		
42	2.84		

DESCRIPTIVE STATISTICS	
MEAN	4.283
STANDARD DEVIATION	1.617040926
MAX	9.99
MIN	1.74
RANGE	8.25
COUNT	60
CLASS INTERVAL	1
LAMBDA	0.233481205

MIN	MAX	MID	OBSERVED FREQUENCY	FREQ*MID	PROBABILITY	EXPECTED FREQUENCY
0	1	0.5	0	0	0.208227523	12
1	2	1.5	3	4.5	0.164868822	10
2	3	2.5	12	30	0.130538595	8
3	4	3.5	15	52.5	0.103356867	6
4	5	4.5	12	54	0.081835123	5
5	6	5.5	10	55	0.064794798	4
6	7	6.5	5	32.5	0.051302737	3
7	8	7.5	1	7.5	0.040620096	2
8	9	8.5	1	8.5	0.0	2
			1			
			60			

AFTER POOLING(E)	BEFORE POOLING(O)	(O-E)^2/E
12	0	12.0
10	0	10.0
8	15	6.125
6	15	13.5
5	12	0
11	10	0
0	8	0
0	0	0
0	0	0
		41.6

AT 5% LEVEL OF SIGNIFICANCE	
DEGREE OF FREEDOM	4-1-1=2
CRITICAL CHI-SQUARE	5.99146

TIME HEADWAY DISTRIBUTION

