

14.77

Average of CH-BS

8.97

Min of CH-BS

47.13

Max of CH-BS

738.28

Total CH-BS

49.58

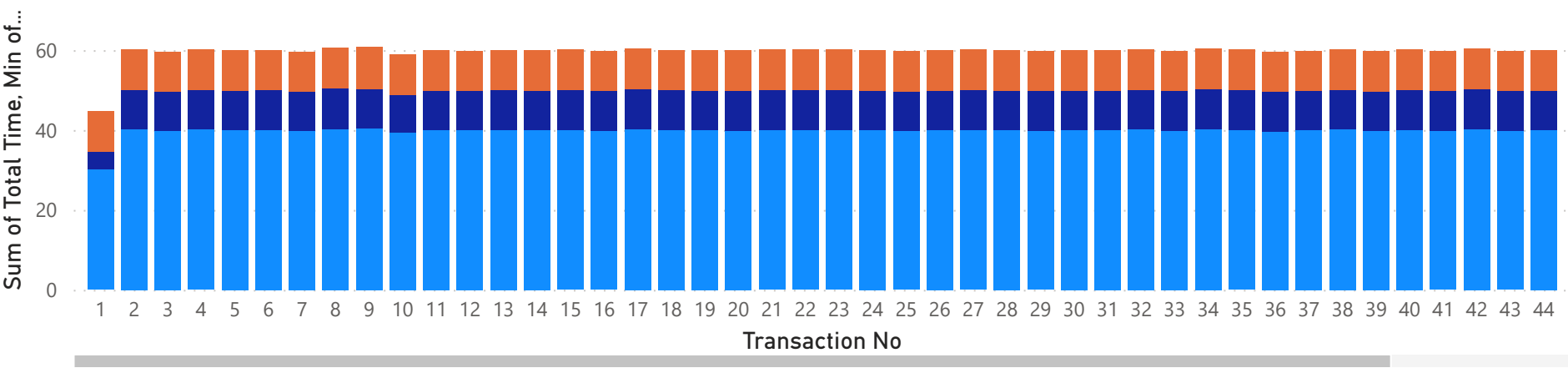
Variance of CH-BS

7.04

SD of CH-BS

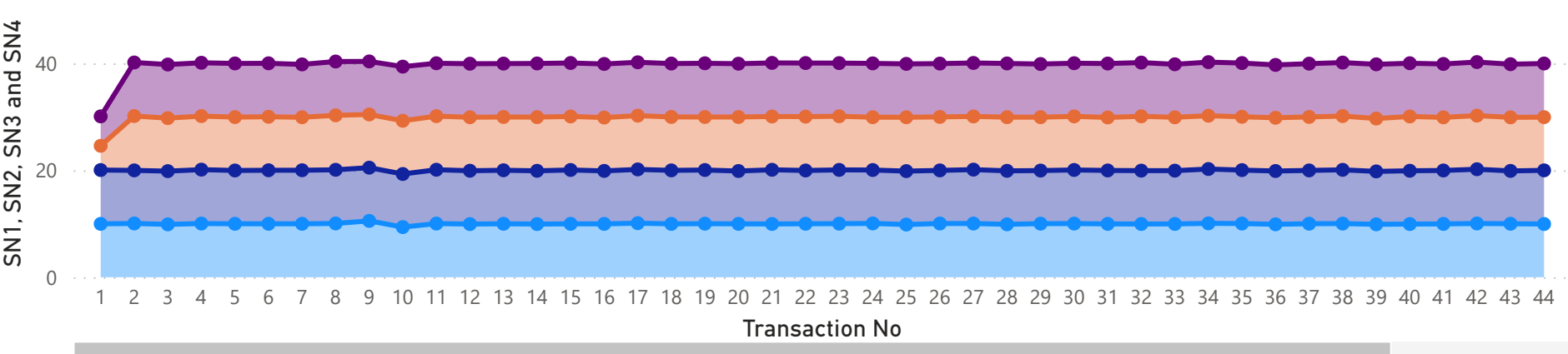
Sum of Total Time, Min of Min Time and Max of Max Time by Transaction No

Sum of Total Time   Min of Min Time   Max of Max Time



SN1, SN2, SN3 and SN4 by Transaction No

Nodes   SN1   SN2   SN3   SN4



Transaction No

1

50

CH-BS

8.97

47.13

Transaction No

1	11	21	31	41
2	12	22	32	42
3	13	23	33	43
4	14	24	34	44
5	15	25	35	45
6	16	26	36	46
7	17	27	37	47
8	18	28	38	48
9	19	29	39	49
10	20	30	40	50

Transaction No

1

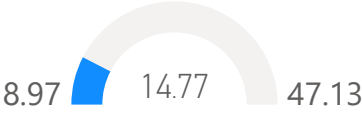
50

CH-BS

8.97

47.13

Average of CH-BS, Min of CH-BS and Max of CH-BS



Average of SN1, Min of SN1 and Max of SN1



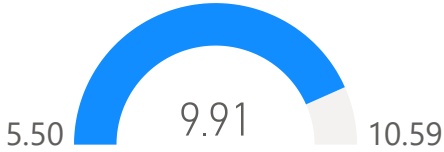
Average of SN2, Min of SN2 and Max of SN2



Average of SN3, Min of SN3 and Max of SN3



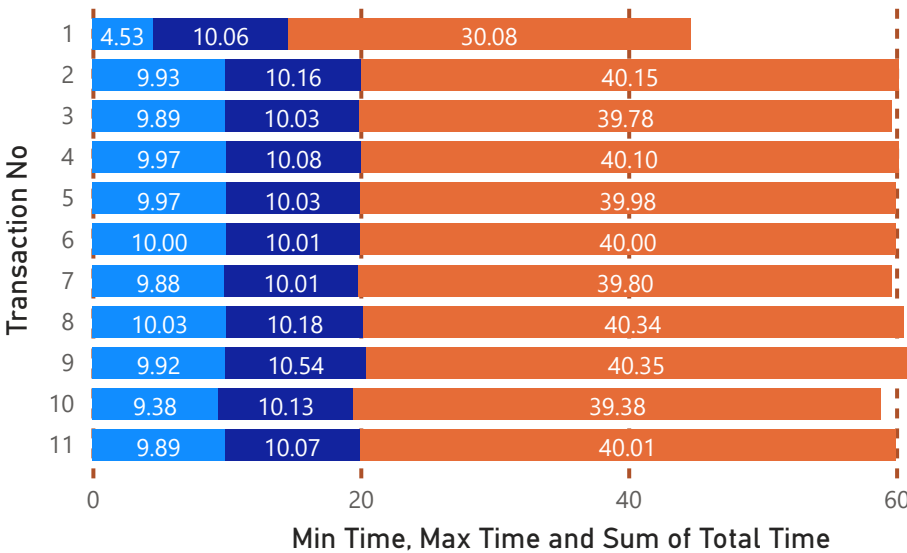
Average of SN4, Min of SN4 and Max of SN4



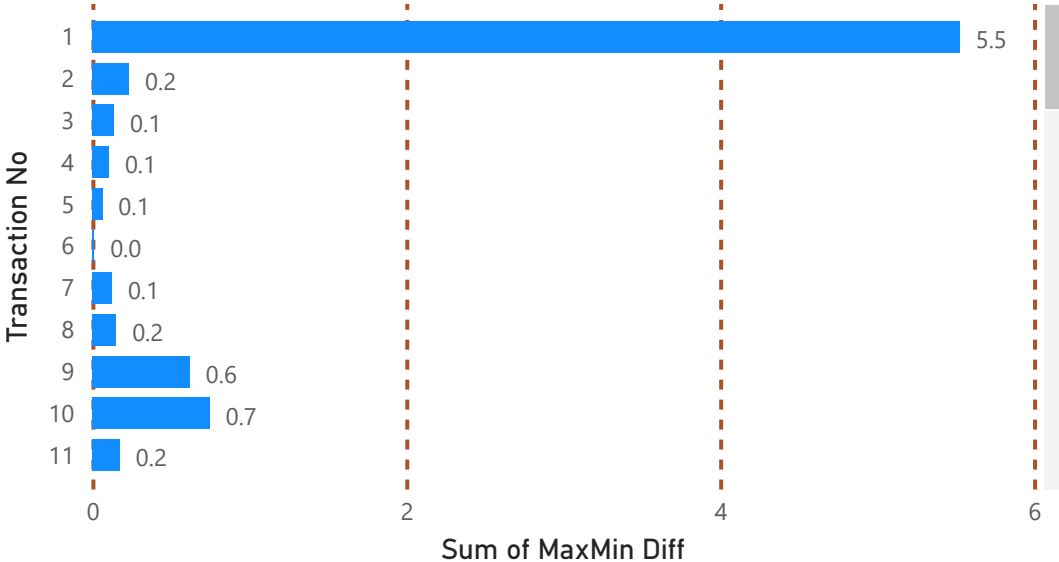
Transaction No	SN1	SN2	SN3	SN4	Min Time	Max Time	Total Time	Avg Time
1	9.99	10.06	4.53	5.50	4.53	10.06	30.08	22.42
2	10.06	9.93	10.16	10.01	9.93	10.16	40.15	15.80
3	9.89	9.95	9.91	10.03	9.89	10.03	39.78	8.97
4	10.04	10.08	10.00	9.97	9.97	10.08	40.10	23.39
5	10.00	9.97	9.98	10.03	9.97	10.03	39.98	13.99
6	10.00	10.01	10.00	10.00	10.00	10.01	40.00	10.84
7	10.00	10.01	9.91	9.88	9.88	10.01	39.80	12.24
8	10.06	10.03	10.18	10.06	10.03	10.18	40.34	10.80
9	10.54	9.95	9.95	9.92	9.92	10.54	40.35	11.92
10	9.38	9.92	9.95	10.13	9.38	10.13	39.38	13.12
11	10.04	10.07	10.02	9.89	9.89	10.07	40.01	11.62
12	9.94	9.97	10.00	10.01	9.94	10.01	39.92	10.48
Total					4.53	504.20	1989.39	738.28

Min Time, Max Time and Sum of Total Time by Transaction No

Time Measures Min Time Max Time Sum of Total Time



All Nodes Min Max Differences



14.88

Average of CH1

8.57

Min of CH1

49.06

Max of CH1

743.97

Total CH1

47.22

Variance of CH1

6.87

SD of CH1

17.08

Average of CH2

5.97

Min of CH2

47.13

Max of CH-BS

854.08

Total CH2

92.92

Variance of CH2

9.64

SD of CH2

Transaction No

1

50

CH1

8.57

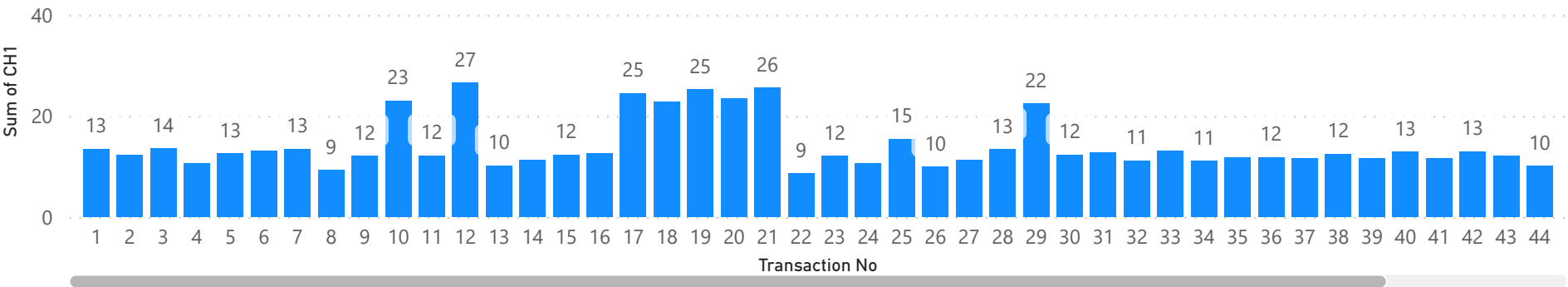
49.06

CH2

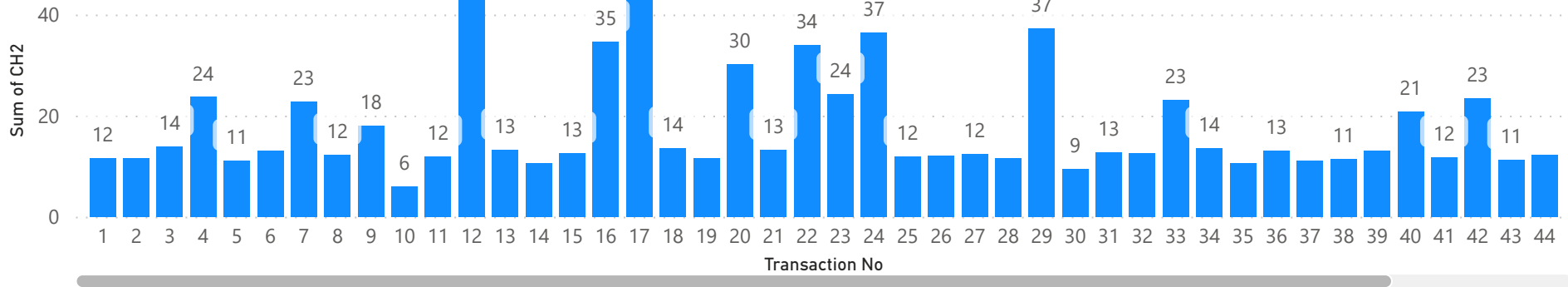
5.97

47.96

Sum of CH1 by Transaction No



Sum of CH2 by Transaction No



Transaction No				
1	11	21	31	41
2	12	22	32	42
3	13	23	33	43
4	14	24	34	44
5	15	25	35	45
6	16	26	36	46
7	17	27	37	47
8	18	28	38	48
9	19	29	39	49
10	20	30	40	50

14.77	14.88	17.08	15.08	17.78	17.31	17.75	17.75	18.48
Avg of CH-BS	Avg of CH1	Avg of CH2	Avg of CH1	Avg of CH2	Avg of CH1	Avg of CH2	Avg of CH3	Avg of CH4

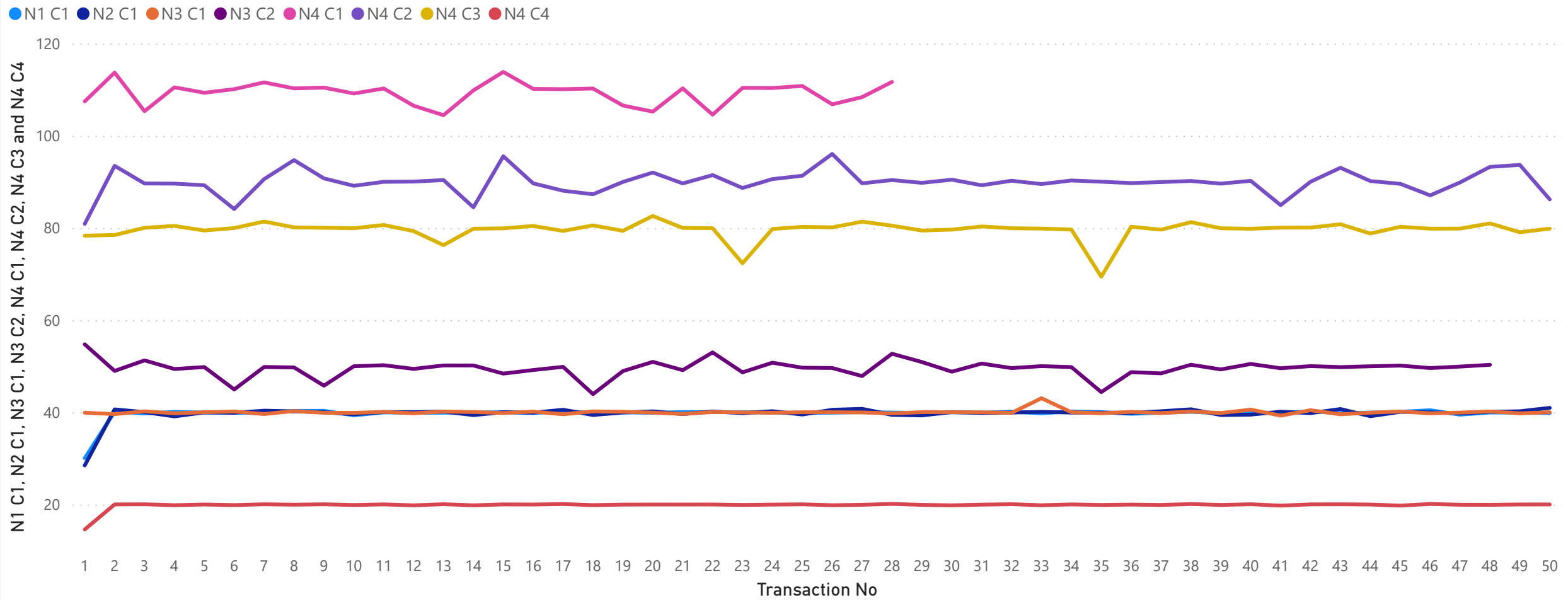
Avg Times																	
N1-CH1		N2-CH1		N2-CH2		N3-CH1		N3-CH2		N4-CH1		N4-CH2		N4-CH3		N4-CH4	

Transaction No	N1-CH1	N2-CH1	N2-CH2	N3-CH1	N3-CH2	N4-CH1	N4-CH2	N4-CH3	N4-CH4	N1 C1	N2 C1	N3 C1	N3 C2	N4 C1	N4 C2	N4 C3	N4 C4
1	22.42	13.49	11.65	12.51	23.06	15.13	9.51	9.51	19.97	30.08	28.50	39.94	54.77	107.46	80.89	78.34	14.62
2	15.80	12.28	11.66	13.45	36.64	22.37	10.19	10.19	25.93	40.15	40.66	39.64	49.00	113.71	93.49	78.48	20.05
3	8.97	13.52	13.97	10.94	22.96	13.55	22.36	22.36	32.96	39.78	40.06	40.24	51.29	105.34	89.66	80.05	20.08
4	23.39	10.68	23.71	10.40	24.00	10.45	27.25	27.25	17.95	40.10	39.14	39.81	49.42	110.51	89.63	80.45	19.88
5	13.99	12.51	11.07	14.29	12.35	24.46	12.99	12.99	23.88	39.98	40.01	40.04	49.84	109.34	89.27	79.46	20.03
6	10.84	13.05	13.16	10.09	14.69	12.26	26.32	26.32	21.51	40.00	39.91	40.20	44.98	110.12	84.12	79.99	19.90
7	12.24	13.43	22.88	26.57	17.68	11.61	19.42	19.42	18.30	39.80	40.39	39.65	49.86	111.59	90.61	81.41	20.08
8	10.80	9.23	12.26	9.50	26.29	10.70	12.30	12.30	18.48	40.34	40.23	40.30	49.76	110.28	94.73	80.15	19.99
9	11.92	12.06	18.04	8.05	37.51	13.15	35.32	35.32	15.32	40.35	40.05	39.92	45.80	110.45	90.76	80.05	20.08
10	13.12	23.00	5.97	23.50	11.73	28.02	11.48	11.48	29.27	39.38	39.60	39.91	50.02	109.17	89.15	79.95	19.92
11	11.62	12.10	11.96	12.22	27.84	30.16	25.61	25.61	22.61	40.01	40.08	40.11	50.24	110.27	90.02	80.66	20.05
12	10.48	26.52	47.96	12.24	8.38	14.42	13.08	13.08	25.93	39.92	40.07	39.82	49.45	106.53	90.07	79.33	19.85
13	12.20	10.16	13.22	11.97	11.00	10.91	10.45	10.45	12.21	39.95	40.18	40.19	50.19	104.47	90.39	76.29	20.10
14	12.15	11.23	10.68	12.55	24.37	12.05	12.86	12.86	23.09	39.97	39.43	40.09	50.19	109.85	84.49	79.85	19.85
15	26.52	12.34	12.57	12.10	12.76	12.13	21.26	21.26	11.58	40.06	40.05	39.87	48.42	113.86	95.56	79.92	20.05
16	10.16	12.63	34.58	12.13	12.39	26.73	16.11	16.11	16.60	39.88	39.95	40.18	49.20	110.17	89.68	80.45	20.03
17	11.23	24.50	47.13	10.29	10.53	9.36	10.04	10.04	8.02	40.19	40.58	39.61	49.89	110.12	88.09	79.37	20.13
18	12.34	22.82	13.57	12.90	11.90	22.95	11.92	11.92	11.35	39.95	39.45	40.22	43.97	110.26	87.32	80.57	19.90
19	12.63	25.22	11.56	11.90	11.51	12.15	13.98	13.98	12.37	40.01	39.98	40.14	48.97	106.57	89.99	79.39	20.01
20	24.50	23.44	30.28	13.68	12.72	12.32	9.54	9.54	11.01	39.93	40.24	39.96	50.97	105.24	92.03	82.62	20.03
21	12.03	25.54	13.18	22.56	14.90	24.85	24.21	24.21	13.59	40.07	39.63	39.68	49.17	110.30	89.67	80.02	20.02
22	10.51	8.57	22.88	11.88	12.75	10.88	12.85	12.85	15.22	40.85	40.21	40.88	52.82	101.58	81.18	78.86	20.82
Total										1989.39	1,989.30	2,002.43	2,379.10	3,058.66		3,980.25	994.46

738.28 N1 C1	743.97 N2 C1	854.08 N2 C2	753.84 N3 C1	888.82 N3 C2	830.80 N4 C1	887.27 N4 C2	887.27 N4 C3	924.24 N4 C4
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Avg Times								
N1-CH1	N2-CH1	N2-CH2	N3-CH1	N3-CH2	N4-CH1	N4-CH2	N4-CH3	N4-CH4

N1 C1, N2 C1, N3 C1, N3 C2, N4 C1, N4 C2, N4 C3 and N4 C4 by Transaction No

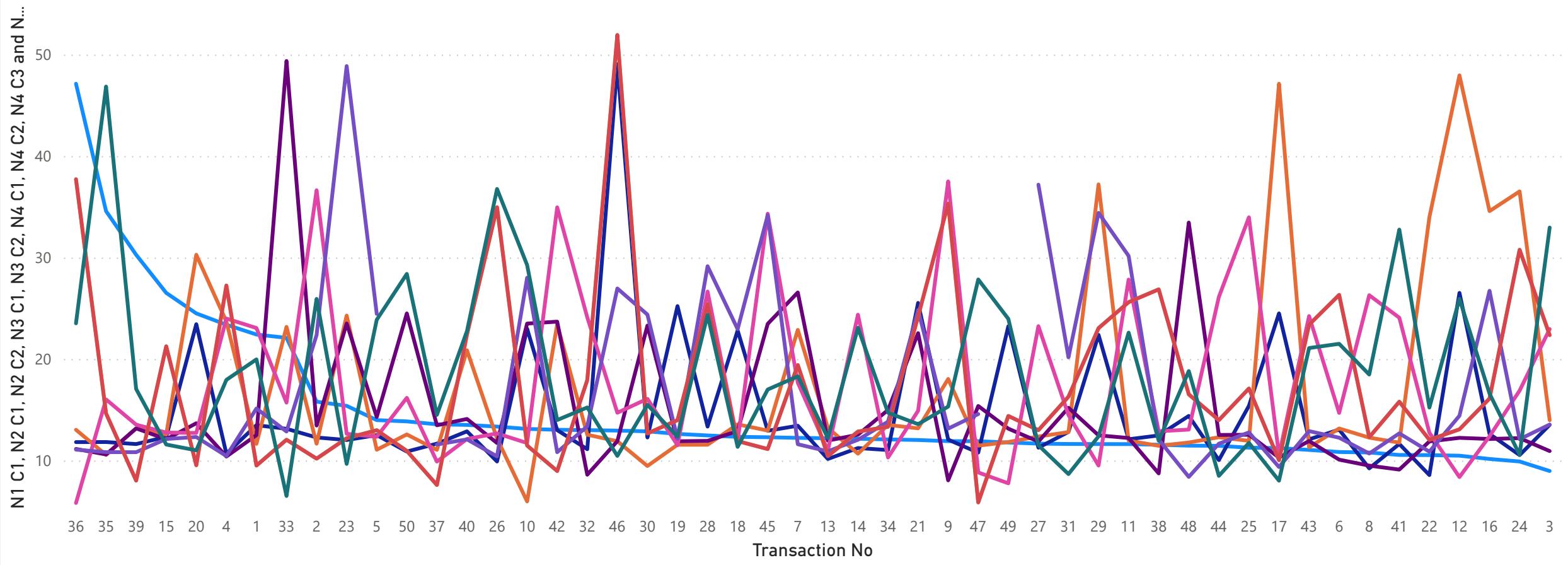


14.77	14.88	17.08	15.08	17.78	17.31	17.75	17.75	18.48
Avg of CH-BS	Avg of CH1	Avg of CH2	Avg of CH1	Avg of CH2	Avg of CH1	Avg of CH2	Avg of CH3	Avg of CH4

Avg Times								
N1-CH1	N2-CH1	N2-CH2	N3-CH1	N3-CH2	N4-CH1	N4-CH2	N4-CH3	N4-CH4

N1 C1, N2 C1, N2 C2, N3 C1, N3 C2, N4 C1, N4 C2, N4 C3 and N4 C4 by Transaction No

Network Clusters N1 C1 N2 C1 N2 C2 N3 C1 N3 C2 N4 C1 N4 C2 N4 C3 N4 C4



14.77

Average of N1CB1

31.96

Average of N2CB2

32.85

Average of N3CB3

71.39

Average of N4CB4

Avg Times



N1-CH1

N2-CH1

N2-CH2

N3-CH1

N3-CH2

N4-CH1

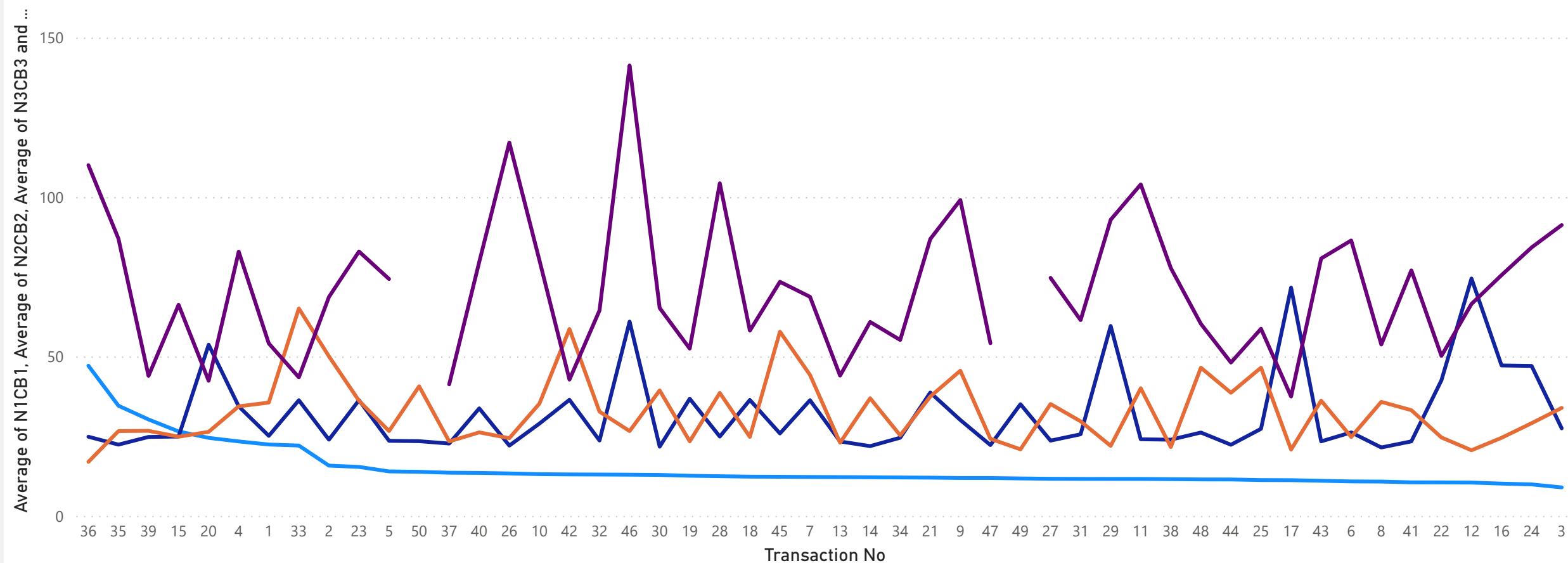
N4-CH2

N4-CH3

N4-CH4

Average of N1CB1, Average of N2CB2, Average of N3CB3 and Average of N4CB4 by Transaction No

Network Clusters ● Average of N1CB1 ● Average of N2CB2 ● Average of N3CB3 ● Average of N4CB4



14.77 Average of N1CB1	31.96 Average of N2CB2	32.85 Average of N3CB3	71.39 Average of N4CB4
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Avg Times

N1-CH1	N2-CH1	N2-CH2	N3-CH1	N3-CH2	N4-CH1	N4-CH2	N4-CH3	N4-CH4
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Network 1		Network 2		Network 3		Network 4	
14.77	738.28	31.96	1,598.04	32.85	1,642.65	71.39	3,426.52
Average of N1...	Sum of N1CB1	Average of N2...	Sum of N2CB2	Average of N3...	Sum of N3CB3	Average of N4CB4	Sum of N4CB4
8.97	47.13	21.49	74.48	16.96	65.09	37.45	141.29
Min of N1CB1	Max of N1CB1	Min of N2CB2	Max of N2CB2	Min of N3CB3	Max of N3CB3	Min of N4CB4	Max of N4CB4
49.58	49.58	12.80	163.72	10.59	112.16	21.92	480.55
Variance of N1CB1	Variance of N1CB1	Standard devi...	Variance of N2CB2	Standard devi...	Variance of N3CB3	Standard deviati...	Variance of N4CB4

