

2015-2017_prepared table														
Duration	Start date	Start year	Start month	Start day	Start hour	End date	End year	End month	End day	End hour	Start station number	Start station	End station number	
166	2016-01-01T00:06:58.000Z	2016	1	5	0	2016-01-01T00:09:44.000Z	2016	1	5	0	31102	11th & Kenyon St NW		
448	2016-01-01T00:10:20.000Z	2016	1	5	0	2016-01-01T00:17:48.000Z	2016	1	5	0	32039	Old Georgetown Rd & Southwick St		
715	2016-01-01T00:13:52.000Z	2016	1	5	0	2016-01-01T00:25:48.000Z	2016	1	5	0	31222	New York Ave & 15th St NW		
213	2016-01-01T00:15:29.000Z	2016	1	5	0	2016-01-01T00:19:03.000Z	2016	1	5	0	31506	1st & Rhode Island Ave NW		
872	2016-01-01T00:16:16.000Z	2016	1	5	0	2016-01-01T00:30:49.000Z	2016	1	5	0	31041	Prince St & Union St		
859	2016-01-01T00:16:18.000Z	2016	1	5	0	2016-01-01T00:30:37.000Z	2016	1	5	0	31041	Prince St & Union St		
782	2016-01-01T00:16:36.000Z	2016	1	5	0	2016-01-01T00:29:38.000Z	2016	1	5	0	31266	11th & M St NW		
1102	2016-01-01T00:18:10.000Z	2016	1	5	0	2016-01-01T00:36:32.000Z	2016	1	5	0	31506	1st & Rhode Island Ave NW		
813	2016-01-01T00:20:15.000Z	2016	1	5	0	2016-01-01T00:33:49.000Z	2016	1	5	0	31041	Prince St & Union St		
882	2016-01-01T00:26:16.000Z	2016	1	5	0	2016-01-01T00:40:58.000Z	2016	1	5	0	31245	7th & R St NW / Shaw Library		
325	2016-01-01T00:26:22.000Z	2016	1	5	0	2016-01-01T00:31:48.000Z	2016	1	5	0	31245	7th & R St NW / Shaw Library		
278	2016-01-01T00:27:26.000Z	2016	1	5	0	2016-01-01T00:32:05.000Z	2016	1	5	0	31231	14th & D St NW / Ronald Reagan Building		
379	2016-01-01T00:27:48.000Z	2016	1	5	0	2016-01-01T00:34:07.000Z	2016	1	5	0	31509	New Jersey Ave & R St NW		
862	2016-01-01T00:28:25.000Z	2016	1	5	0	2016-01-01T00:42:47.000Z	2016	1	5	0	31640	Maryland Ave & E St NE		

Station_CityState_joined_BDP table

terminalName	name	city	state	GeoPoint	nbDocks	Median Age	Male Population	Female Population	Total Population	Average Household Size
31000	Eads St & 15th St S	Arlington	Virginia	POINT(-77.05323 38.85897100000004)	15.0	34.4	113981	115183	229164	2.19
31001	18th St & S Eads St	Arlington	Virginia	POINT(-77.05332 38.85725)	9.0	34.4	113981	115183	229164	2.19
31002	Crystal Dr & 20th St S	Arlington	Virginia	POINT(-77.0492319999999 38.856425)	15.0	34.4	113981	115183	229164	2.19
31003	Crystal Dr & 15th St S	Arlington	Virginia	POINT(-77.049593 38.86017000000004)	10.0	34.4	113981	115183	229164	2.19
31004	Aurora Hills Cmty Ctr / 18th St & S Hayes St	Arlington	Virginia	POINT(-77.05949 38.85786599999994)	11.0	34.4	113981	115183	229164	2.19
31005	Pentagon City Metro / 12th St & S Hayes St	Arlington	Virginia	POINT(-77.059936 38.86230300000004)	17.0	34.4	113981	115183	229164	2.19
31006	Army Navy Dr & S Joyce St	Arlington	Virginia	POINT(-77.0633 38.8637)	13.0	34.4	113981	115183	229164	2.19
31007	Crystal City Metro / 18th St & S Bell St	Arlington	Virginia	POINT(-77.05113172531128 38.857404962615036)	19.0	34.4	113981	115183	229164	2.19
31009	Crystal Dr & 27th St S	Arlington	Virginia	POINT(-77.051514 38.84846599999995)	11.0	34.4	113981	115183	229164	2.19
31010	S Glebe Rd & Potomac Ave	Arlington	Virginia	POINT(-77.0502 38.8426)	11.0	34.4	113981	115183	229164	2.19
31011	Crystal Dr & 23rd St S	Arlington	Virginia	POINT(-77.0498 38.8533)	16.0	34.4	113981	115183	229164	2.19
31012	Clark St & 26th St S	Arlington	Virginia	POINT(-77.05152 38.850688)	10.0	34.4	113981	115183	229164	2.19
31013	Eads St & 22nd St S	Arlington	Virginia	POINT(-77.05341160297394 38.854380515177496)	13.0	34.4	113981	115183	229164	2.19
31014	Lynn St & 19th St North	Arlington	Virginia	POINT(-77.070993 38.897315)	23.0	34.4	113981	115183	229164	2.19

KMeans (k=7) (s1) - v1

KMeans (k=7)

Trained in 7 seconds on 616 records

cluster_0		87 (14.12%)
cluster_1		17 (2.76%)
cluster_2		42 (6.82%)
cluster_3		28 (4.55%)
cluster_4		169 (27.44%)
cluster_5		14 (2.27%)
cluster_6		123 (19.97%)

cluster_0

Enter a description for this cluster

Observations

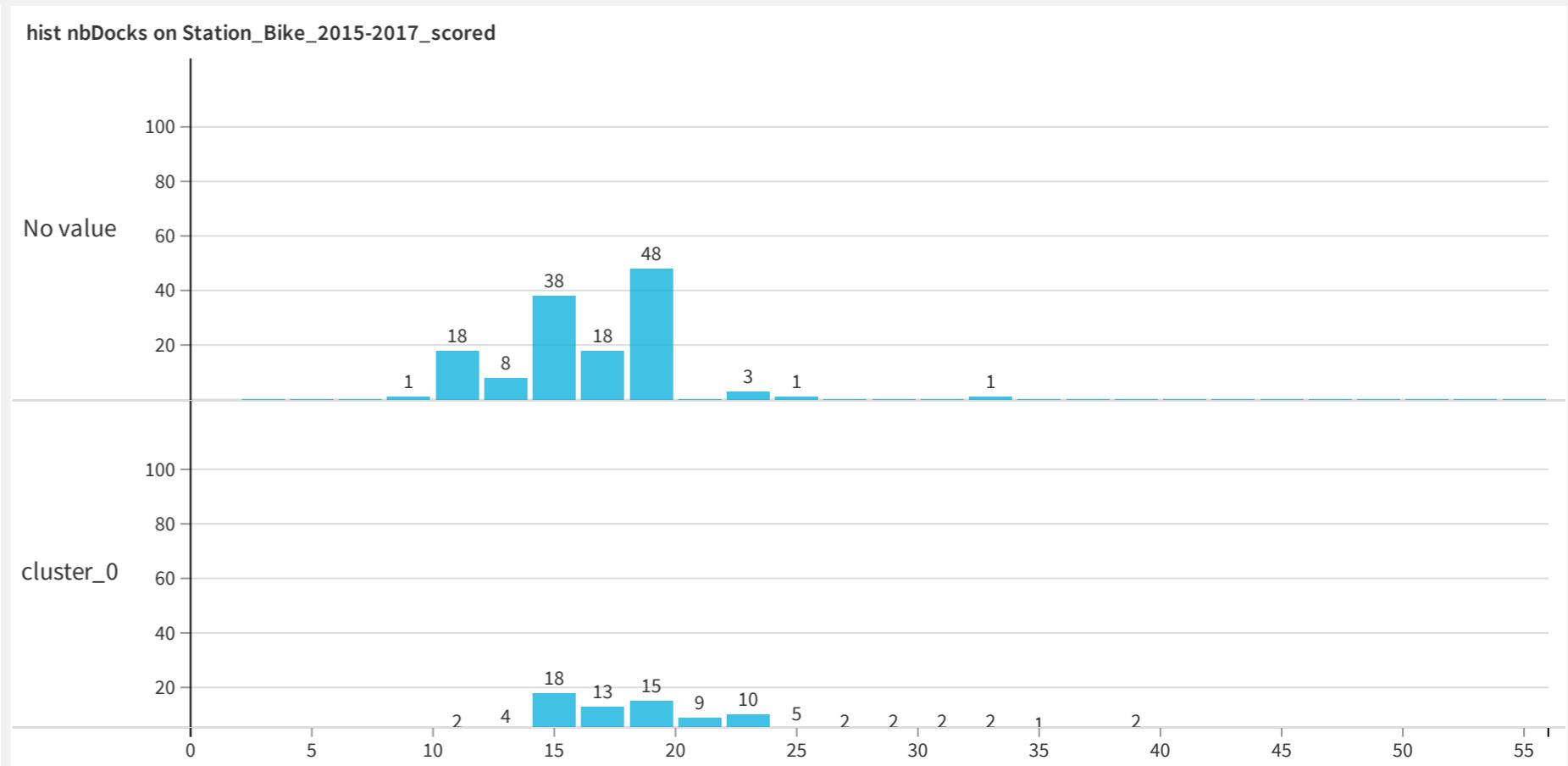
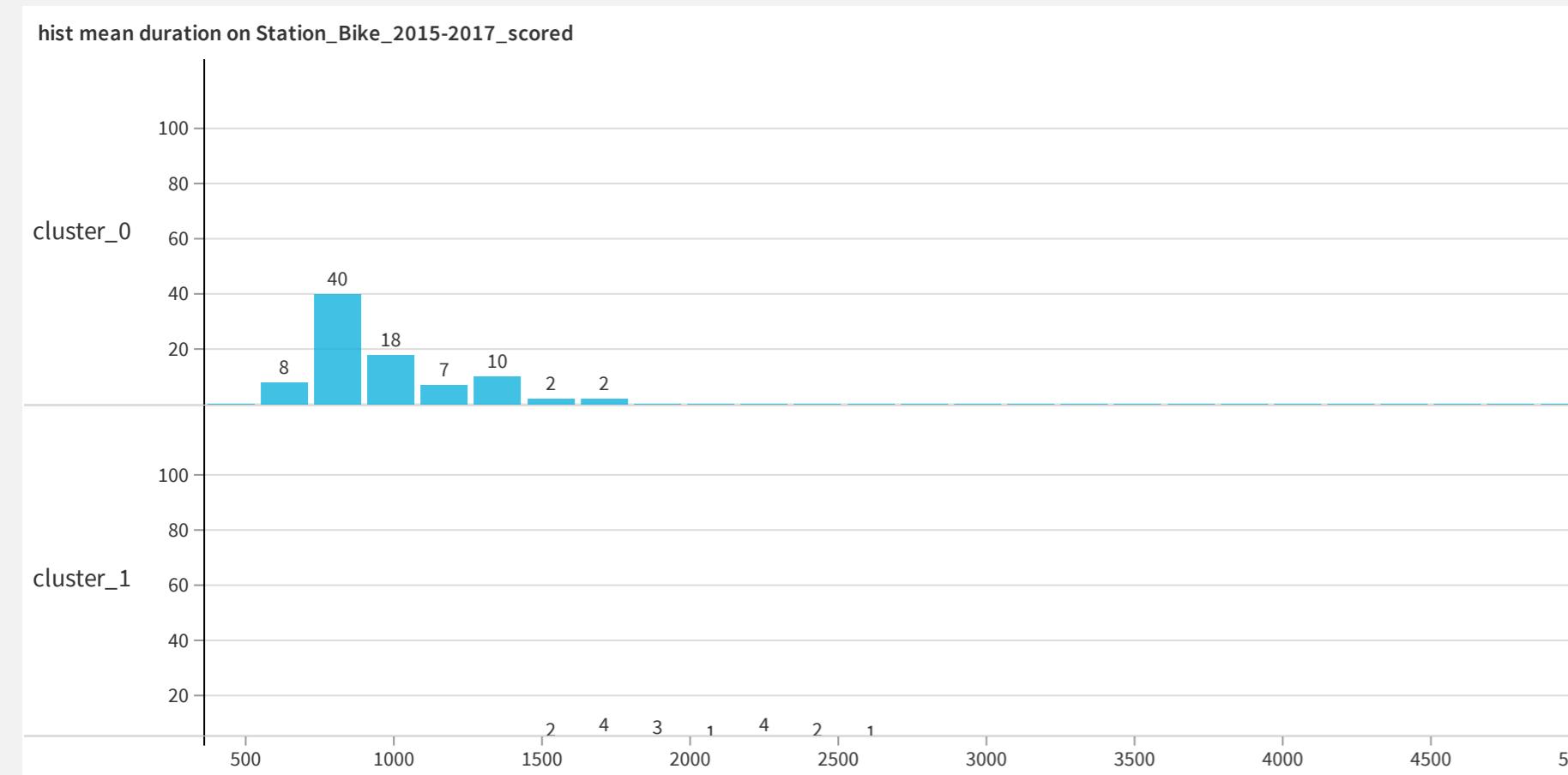
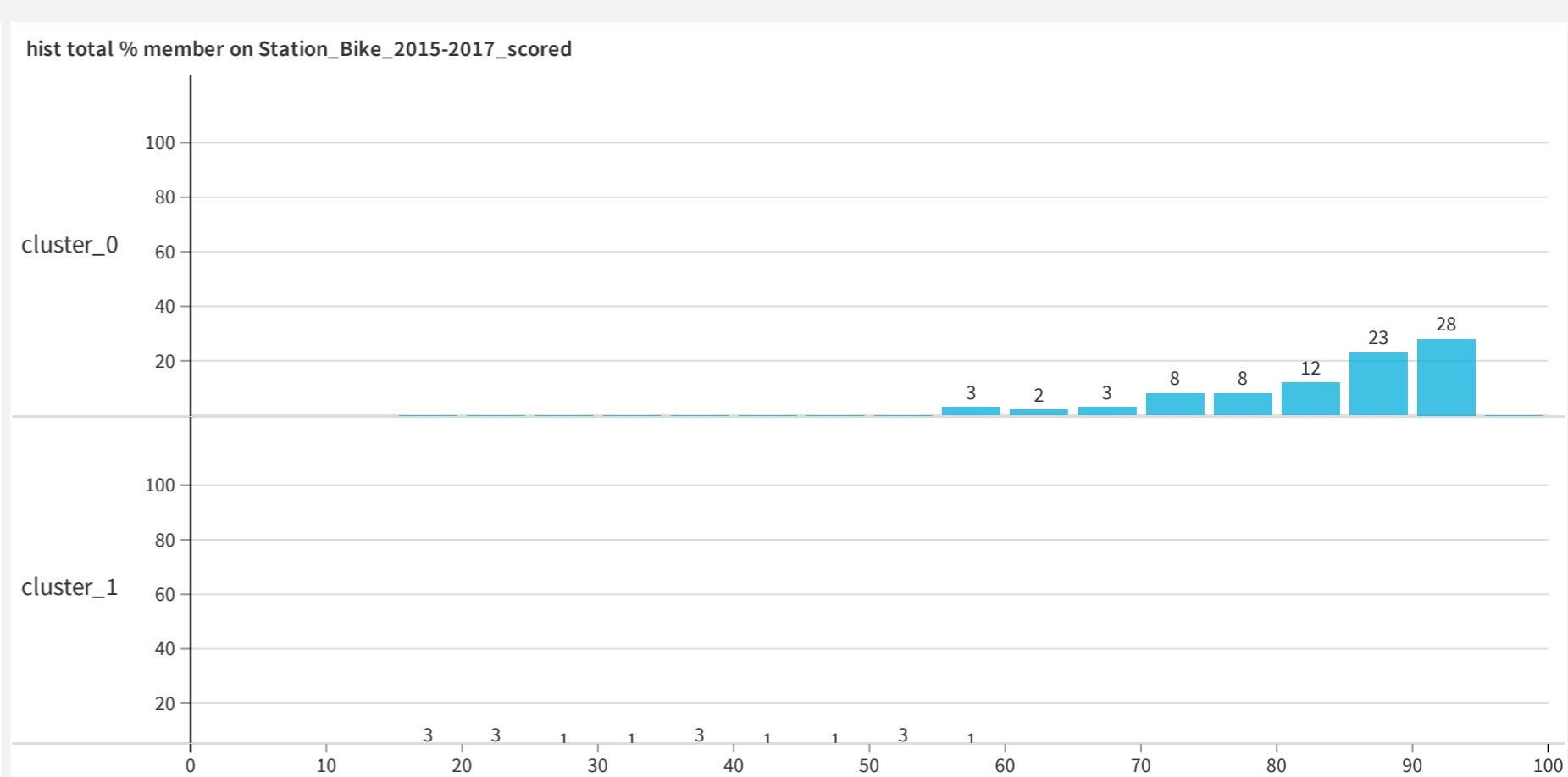
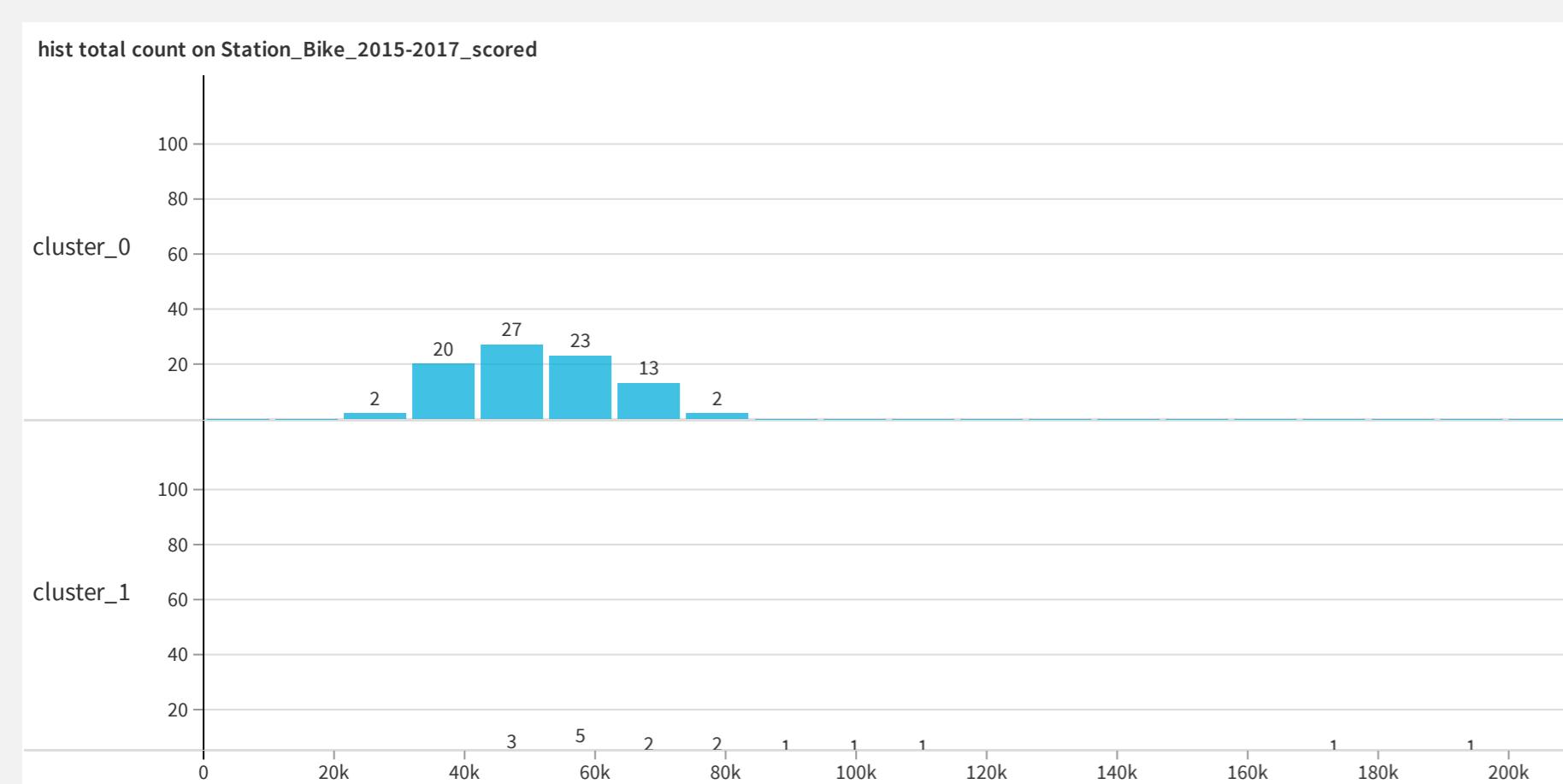
- dec count is in average 147% greater : mean of 2751 against 1115 globally
- nov count is in average 137% greater : mean of 3670 against 1548 globally
- thursday count is in average 140% greater : mean of 7572 against 3154 globally

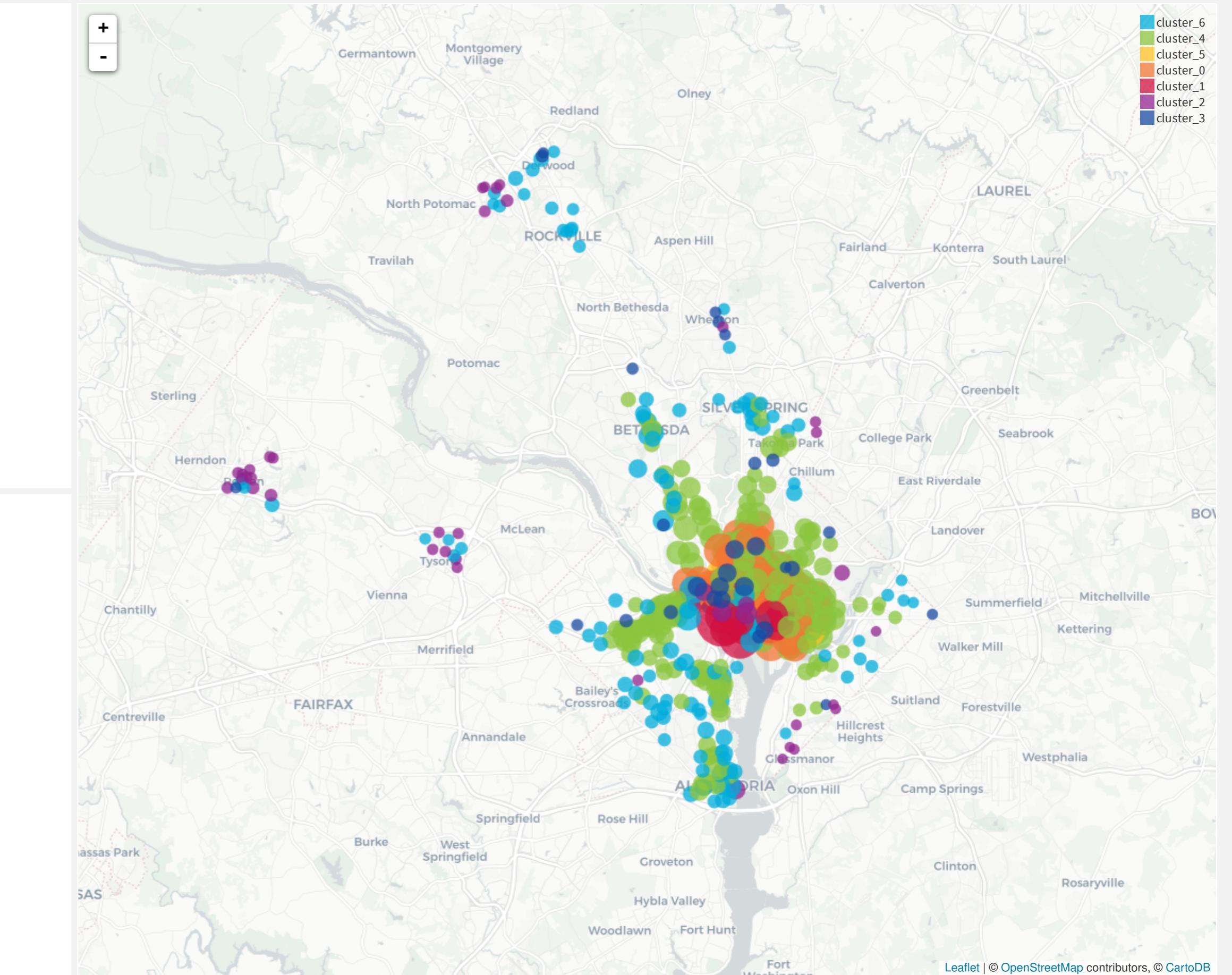
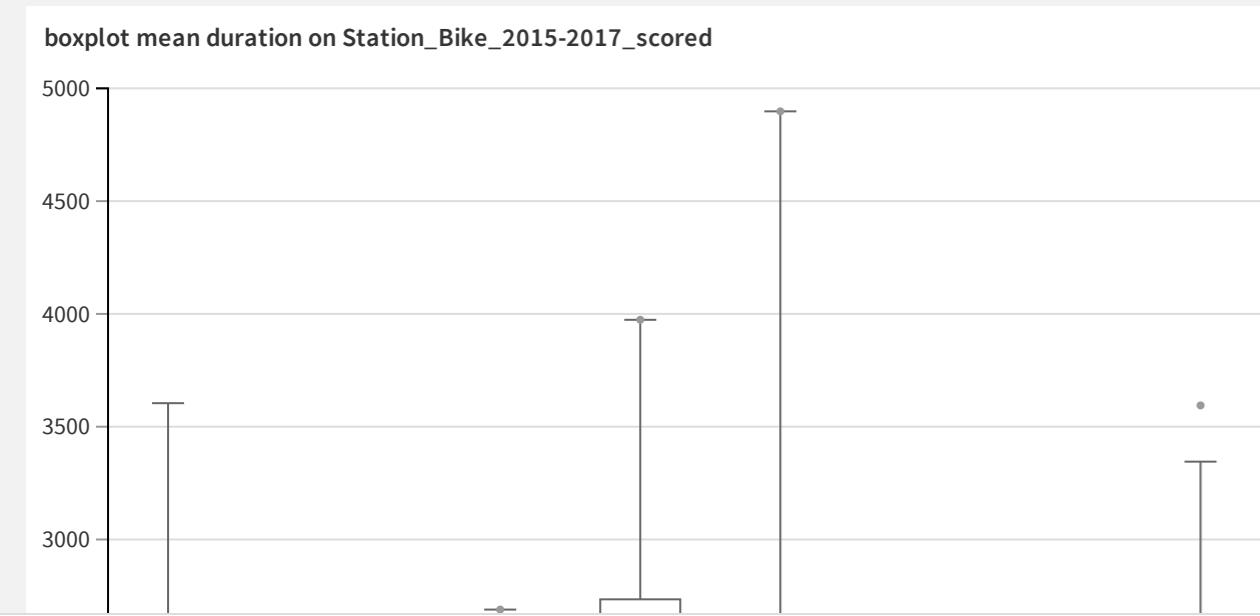
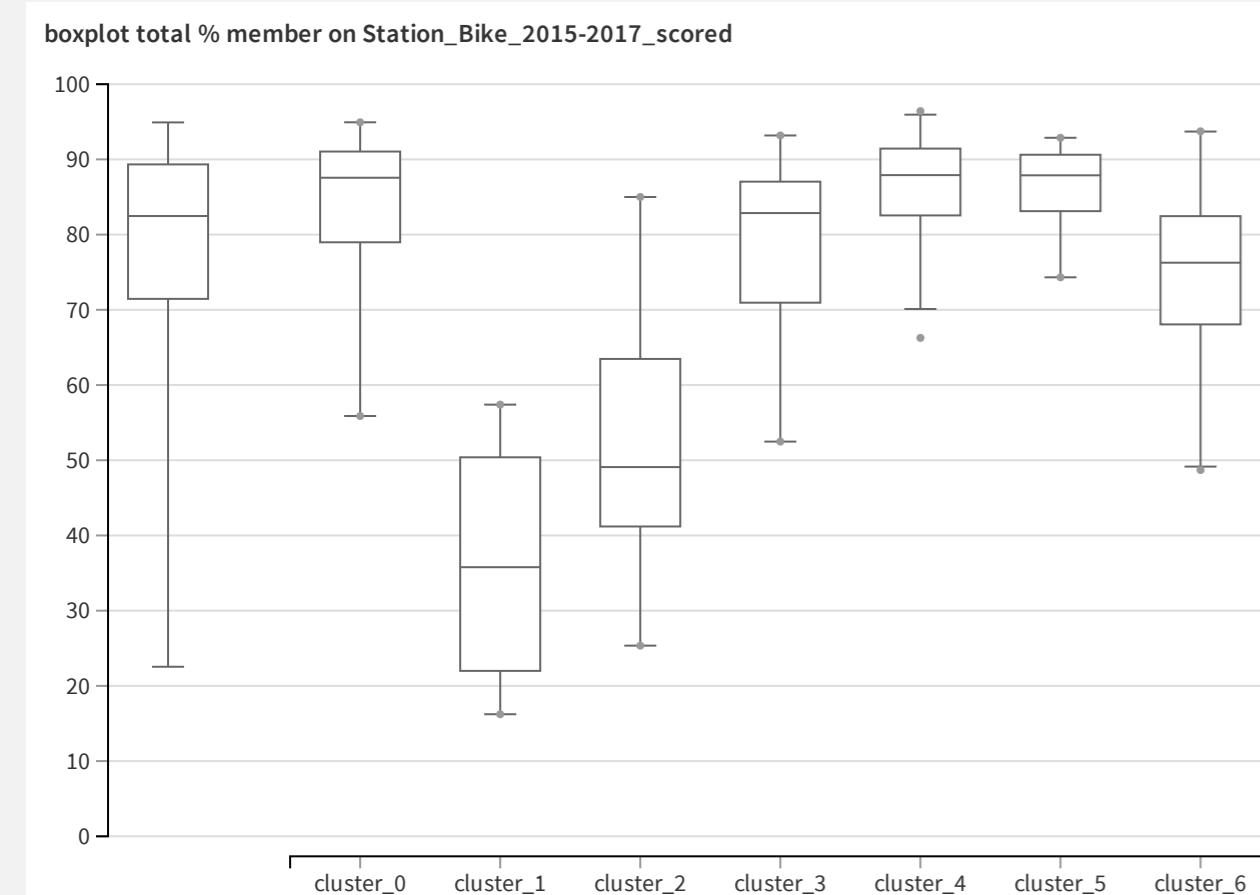
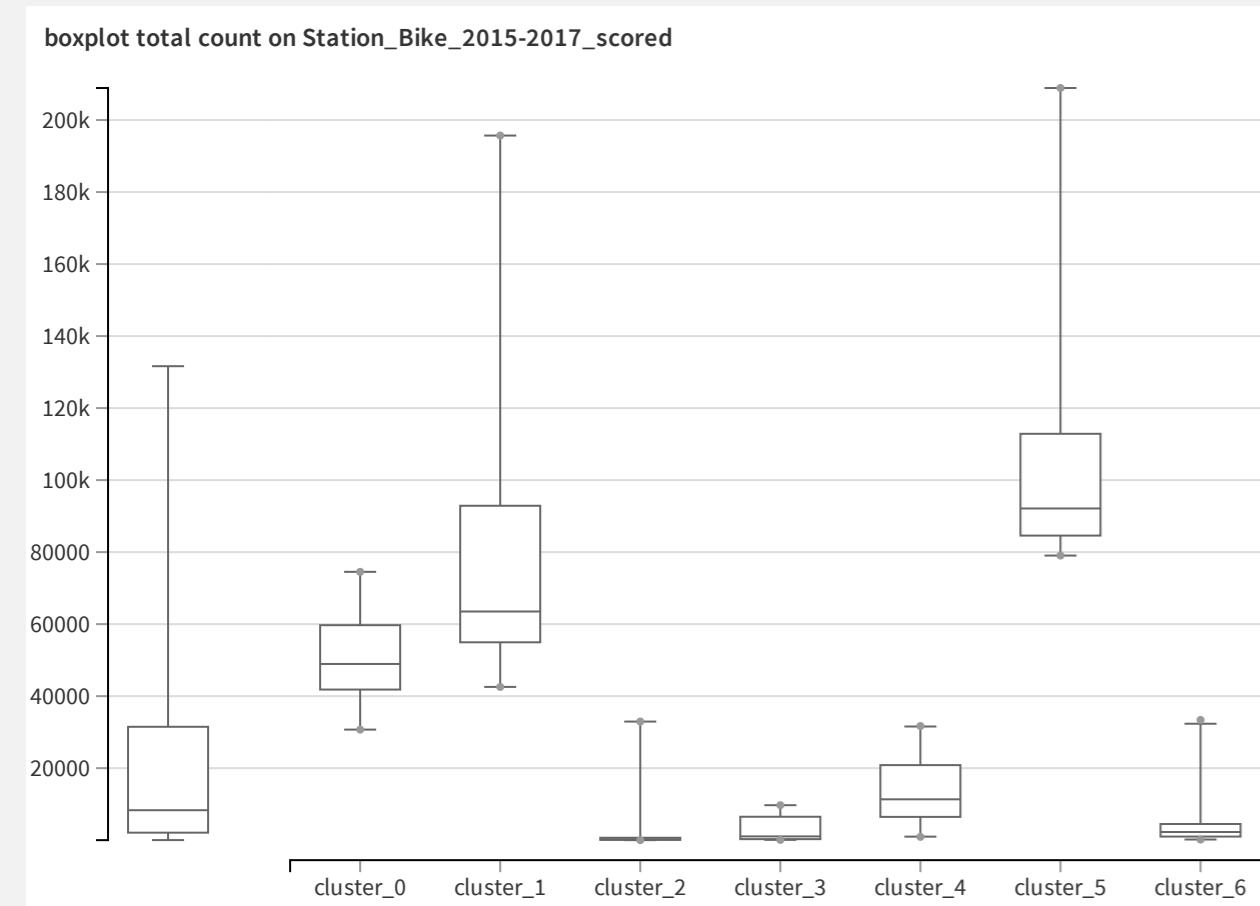
Model

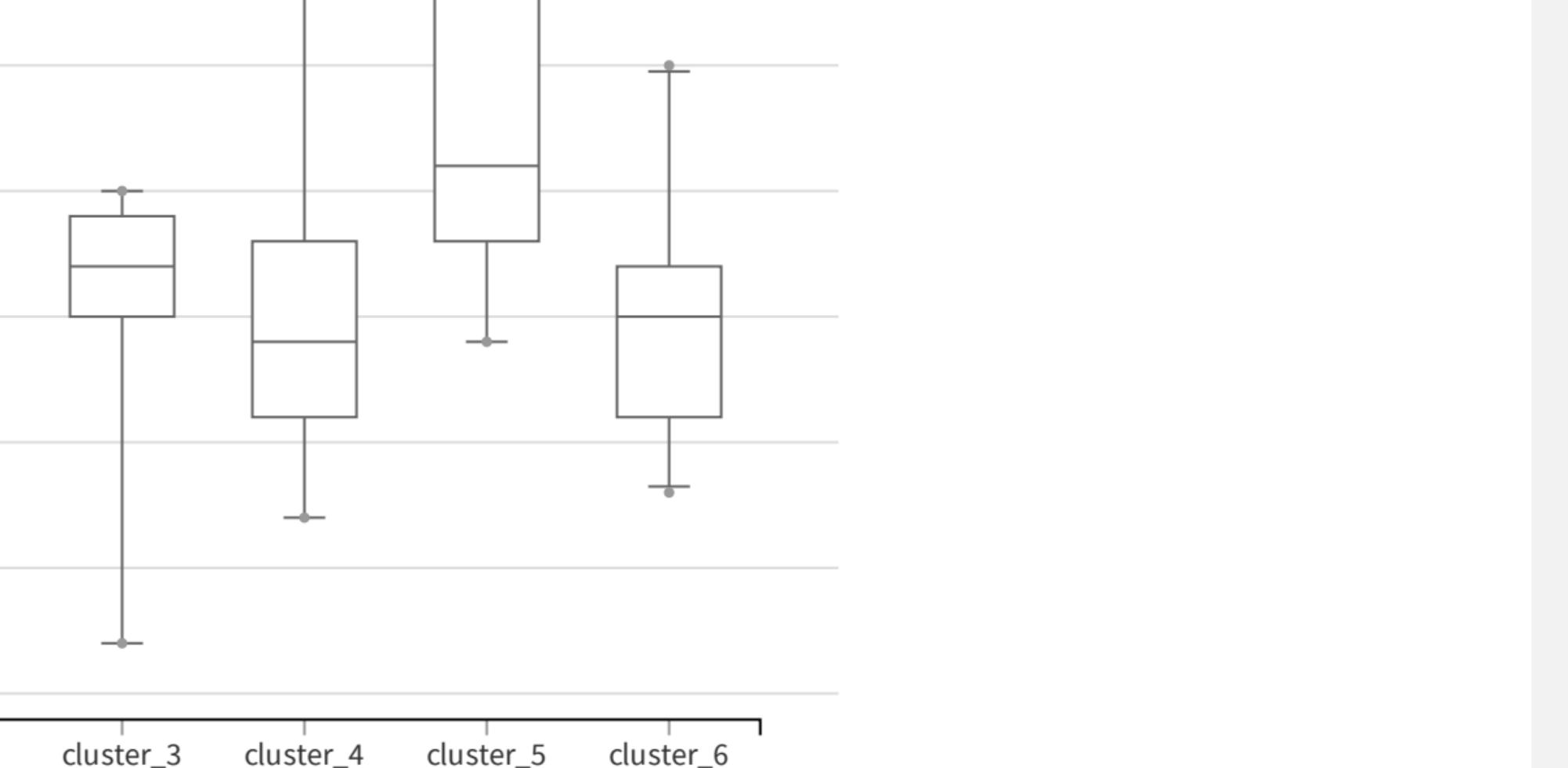
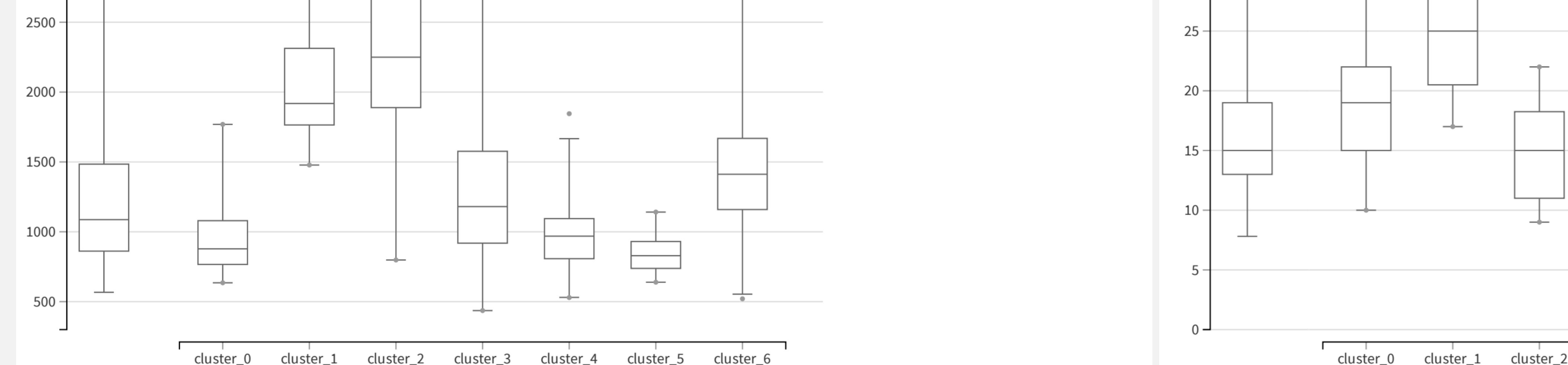
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Model type	Clustering
Code Env	DSS builtin env

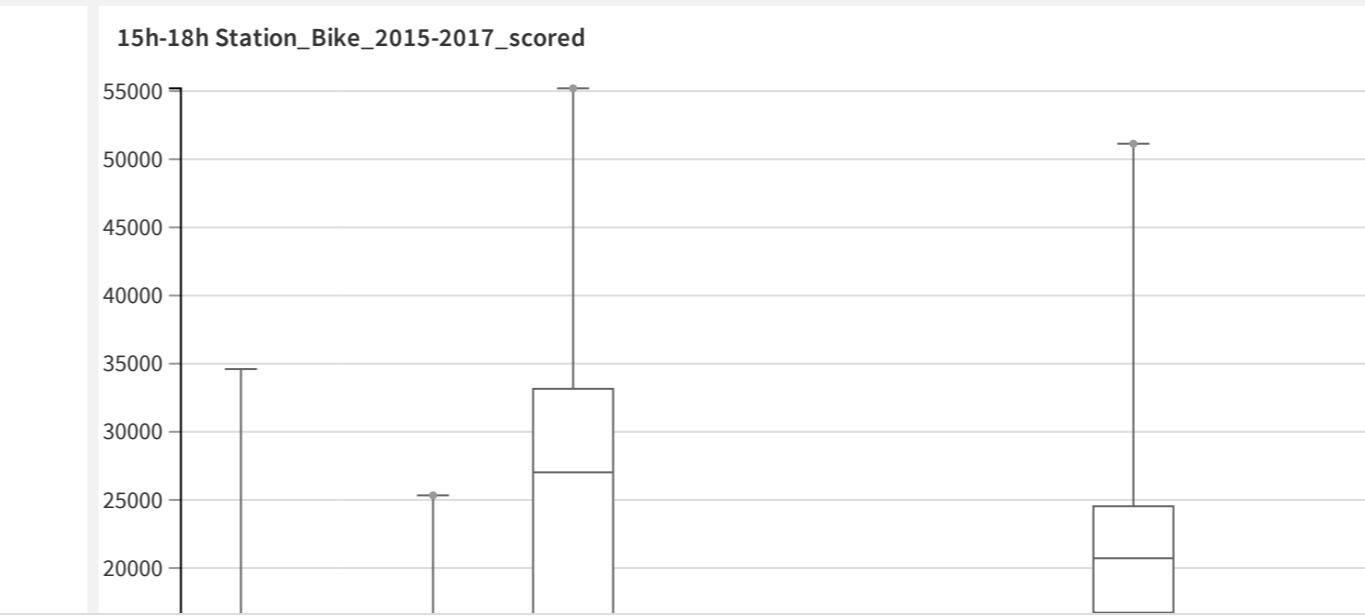
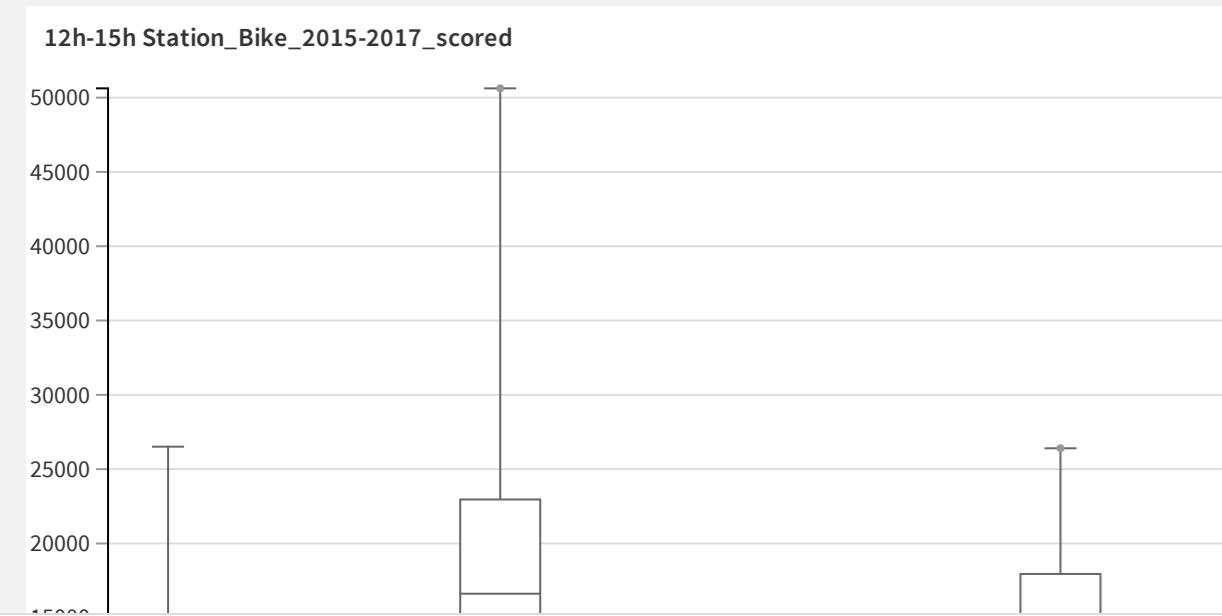
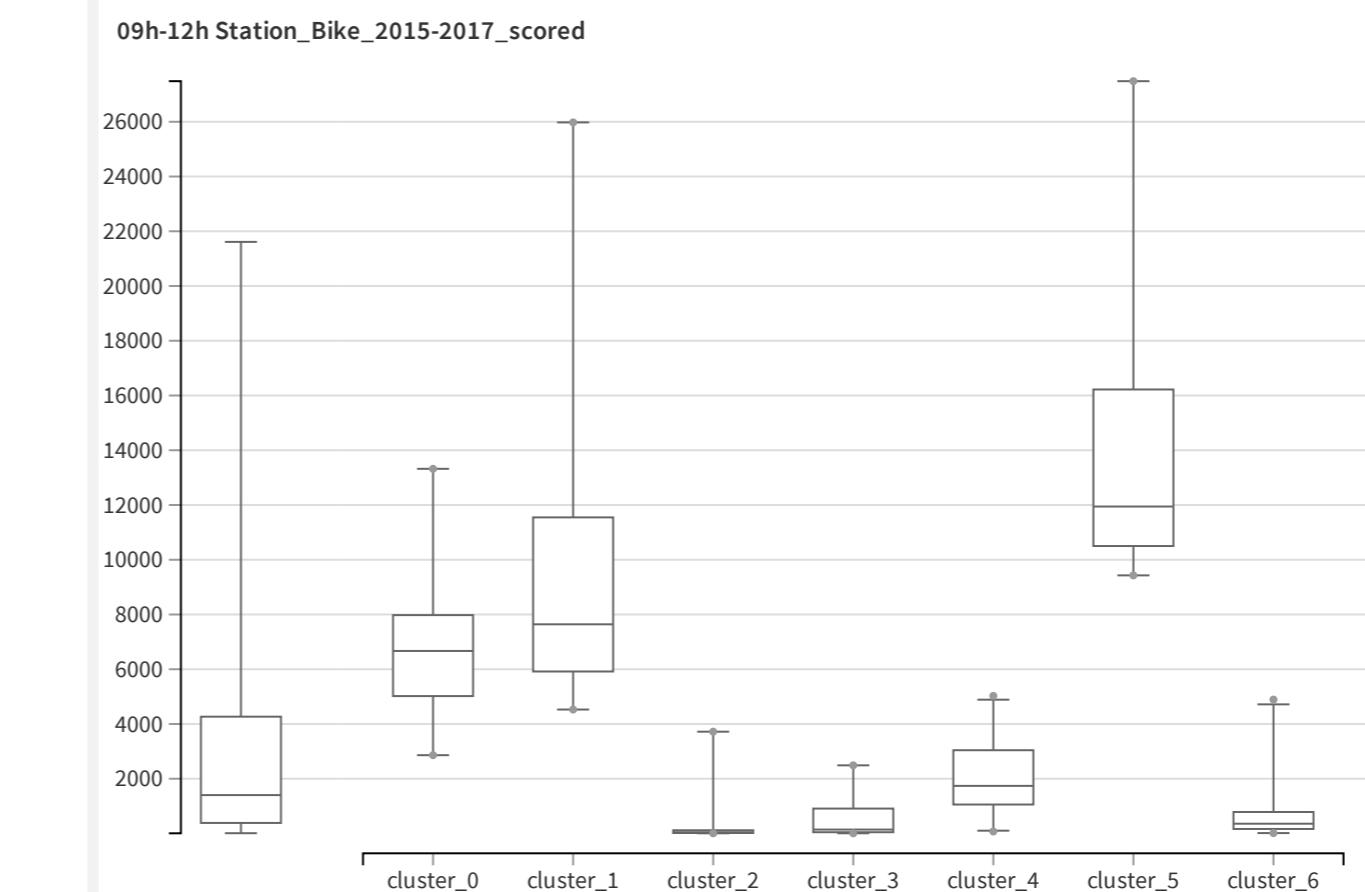
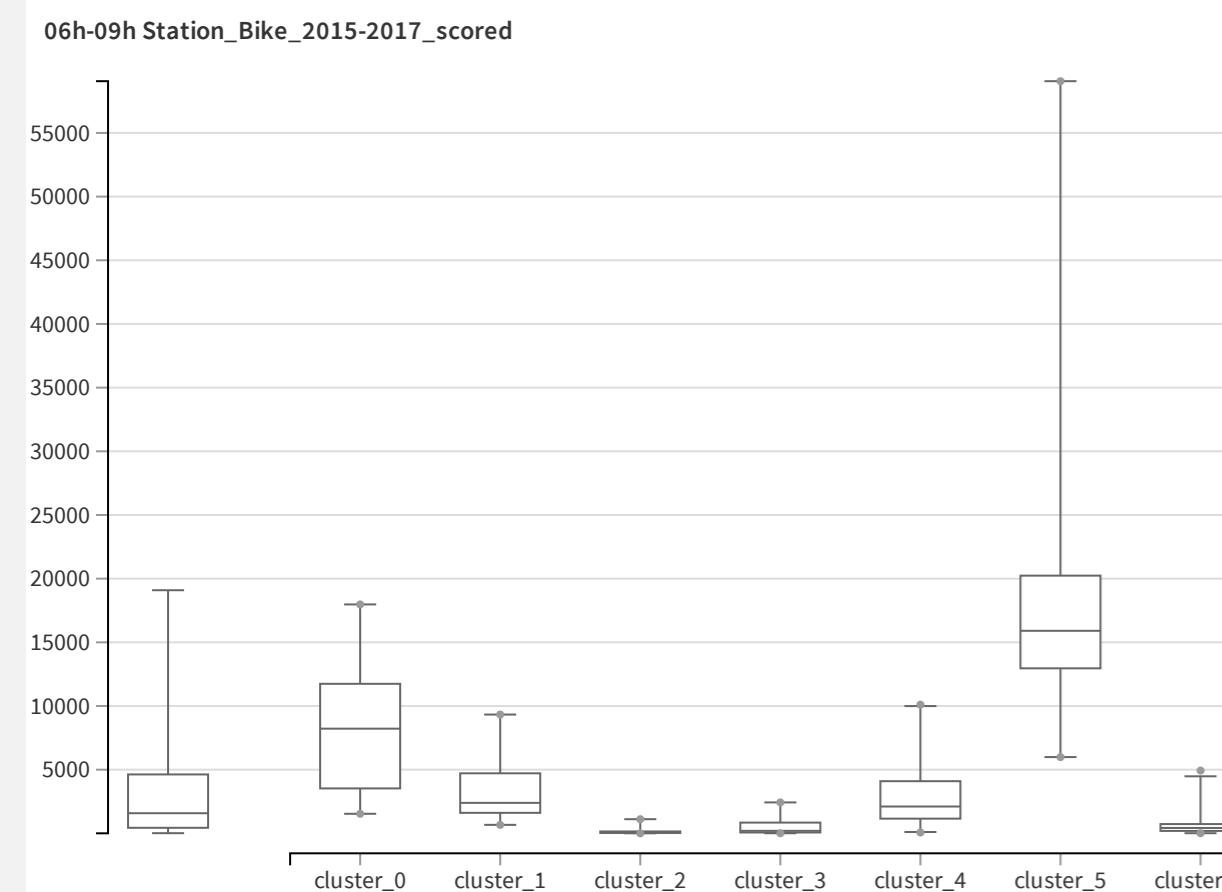
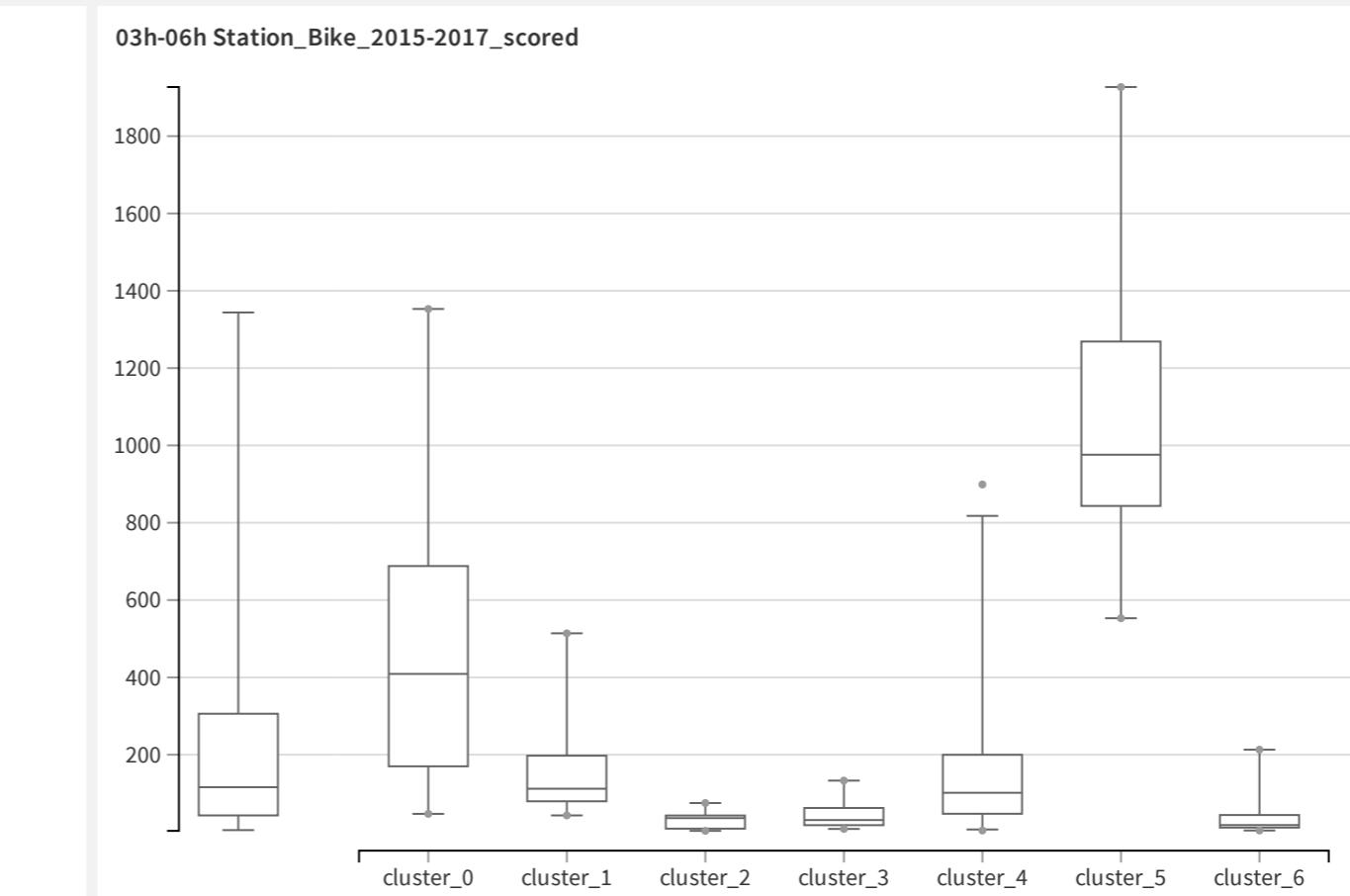
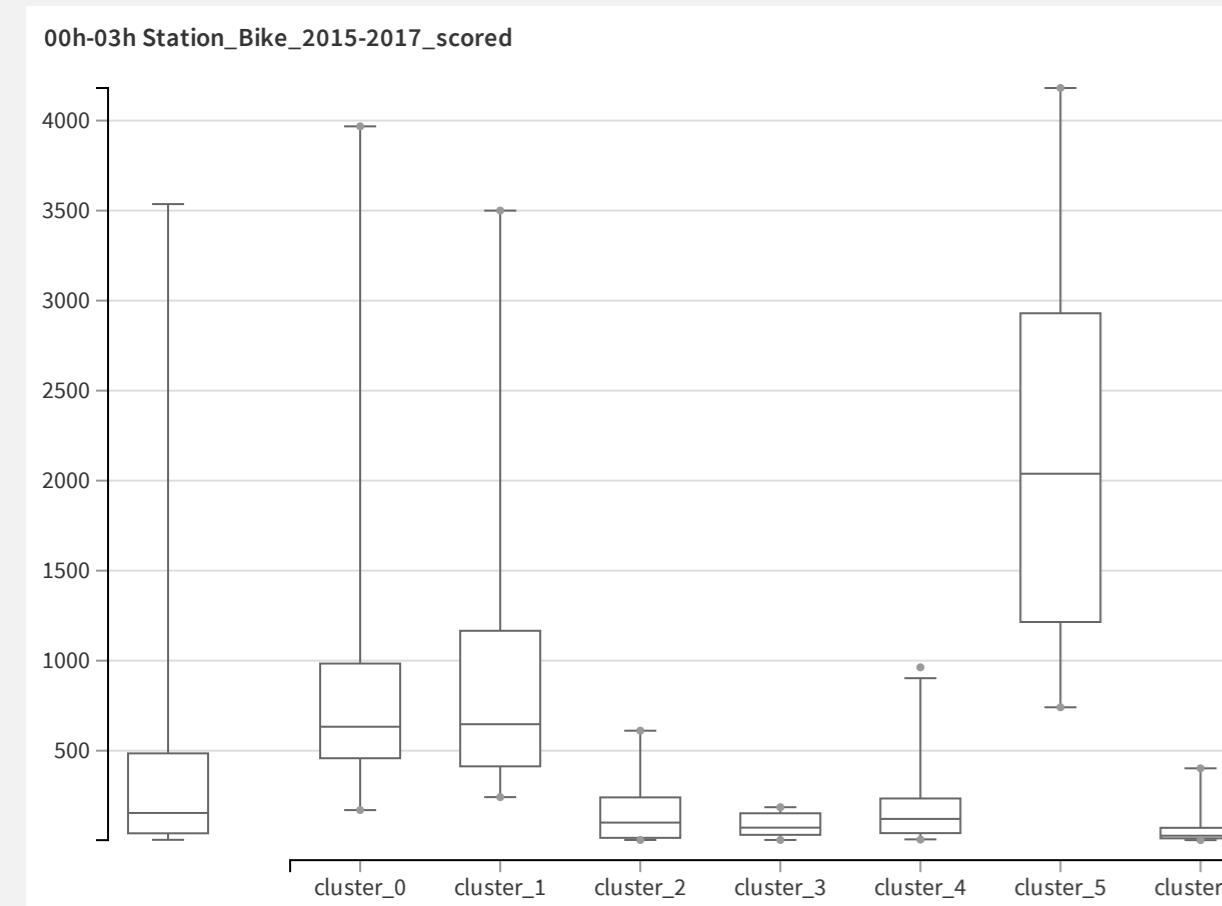
Station_Bike_2015-2017 table

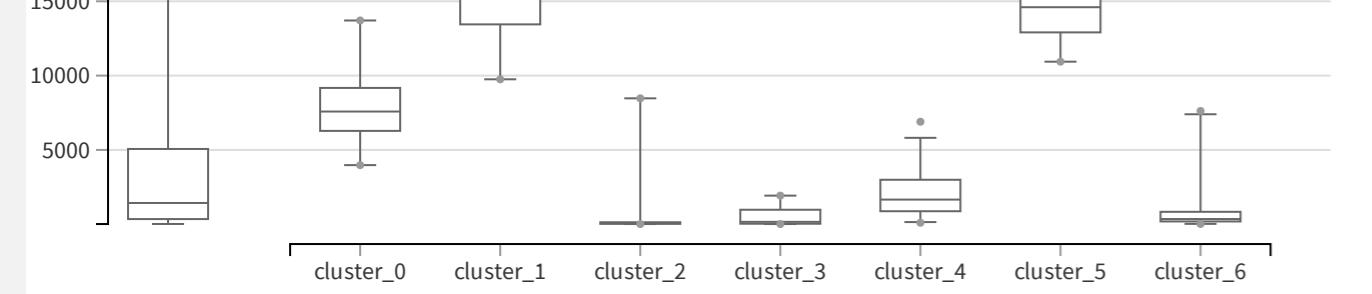
terminalName	name	city	state	GeoPoint	nbDocks	Median Age	Male Population	Female Population	Total Population	Average Household Size	m
31000	Eads St & 15th St S	Arlington	Virginia	POINT(-77.05323 38.85897100000004)	15.0	34.4	113981.0	115183.0	229164.0	2.19	
31001	18th St & S Eads St	Arlington	Virginia	POINT(-77.05332 38.85725)	9.0	34.4	113981.0	115183.0	229164.0	2.19	
31002	Crystal Dr & 20th St S	Arlington	Virginia	POINT(-77.0492319999999 38.856425)	15.0	34.4	113981.0	115183.0	229164.0	2.19	
31003	Crystal Dr & 15th St S	Arlington	Virginia	POINT(-77.049593 38.86017000000004)	10.0	34.4	113981.0	115183.0	229164.0	2.19	
31004	Aurora Hills Cmty Ctr / 18th St & S Hayes St	Arlington	Virginia	POINT(-77.05949 38.85786599999994)	11.0	34.4	113981.0	115183.0	229164.0	2.19	
31005	Pentagon City Metro / 12th St & S Hayes St	Arlington	Virginia	POINT(-77.059936 38.86230300000004)	17.0	34.4	113981.0	115183.0	229164.0	2.19	
31006	Army Navy Dr & S Joyce St	Arlington	Virginia	POINT(-77.0633 38.8637)	13.0	34.4	113981.0	115183.0	229164.0	2.19	
31007	Crystal City Metro / 18th St & S Bell St	Arlington	Virginia	POINT(-77.05113172531128 38.857404962615036)	19.0	34.4	113981.0	115183.0	229164.0	2.19	
31009	Crystal Dr & 27th St S	Arlington	Virginia	POINT(-77.051514 38.84846599999995)	11.0	34.4	113981.0	115183.0	229164.0	2.19	
31010	S Glebe Rd & Potomac Ave	Arlington	Virginia	POINT(-77.0502 38.8426)	11.0	34.4	113981.0	115183.0	229164.0	2.19	
31011	Crystal Dr & 23rd St S	Arlington	Virginia	POINT(-77.0498 38.8533)	16.0	34.4	113981.0	115183.0	229164.0	2.19	
31012	Clark St & 26th St S	Arlington	Virginia	POINT(-77.05152 38.850688)	10.0	34.4	113981.0	115183.0	229164.0	2.19	
31100	19th St & Pennsylvania Ave NW	Washington	District of Columbia	POINT(-77.0429 38.9003)	15.0	33.8	319705.0	352523.0	672228.0	2.24	
31101	14th & V St NW	Washington	District of Columbia	POINT(-77.032096 38.91776450000004)	28.0	33.8	319705.0	352523.0	672228.0	2.24	
31102	14th & V St NW	Washington	District of Columbia	POINT(-77.032096 38.91776450000004)	27.0	33.8	319705.0	352523.0	672228.0	2.24	



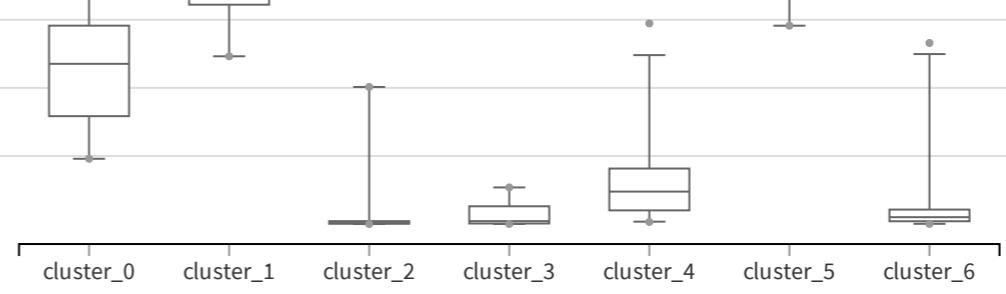




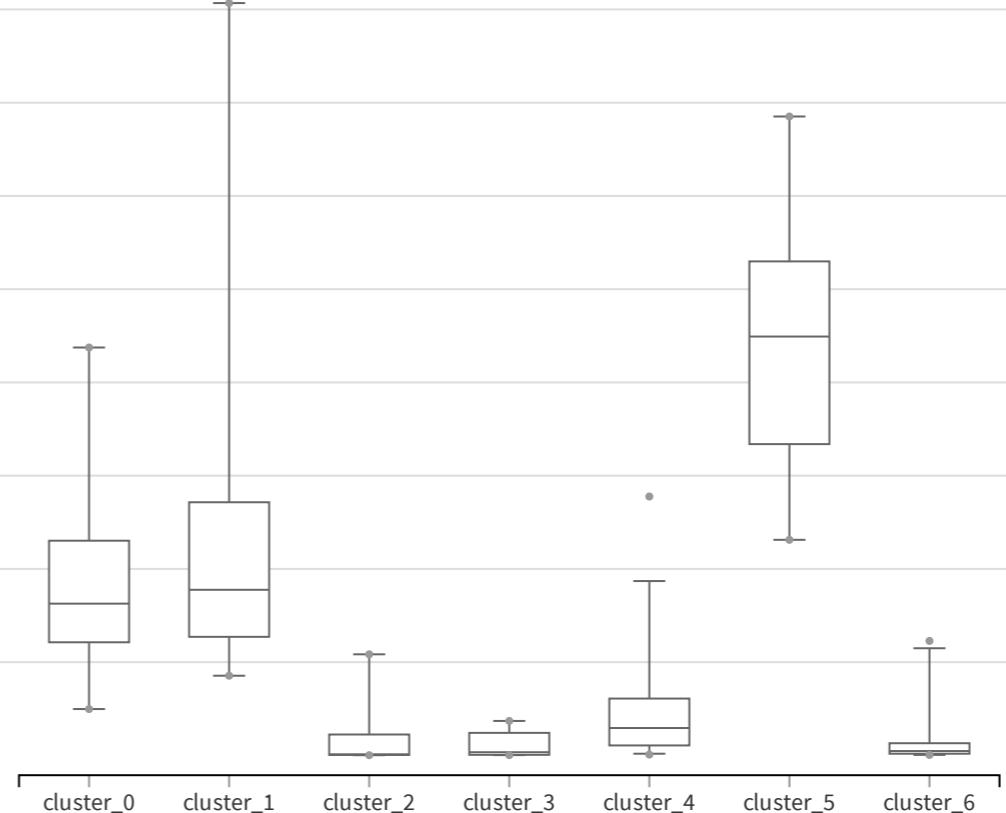
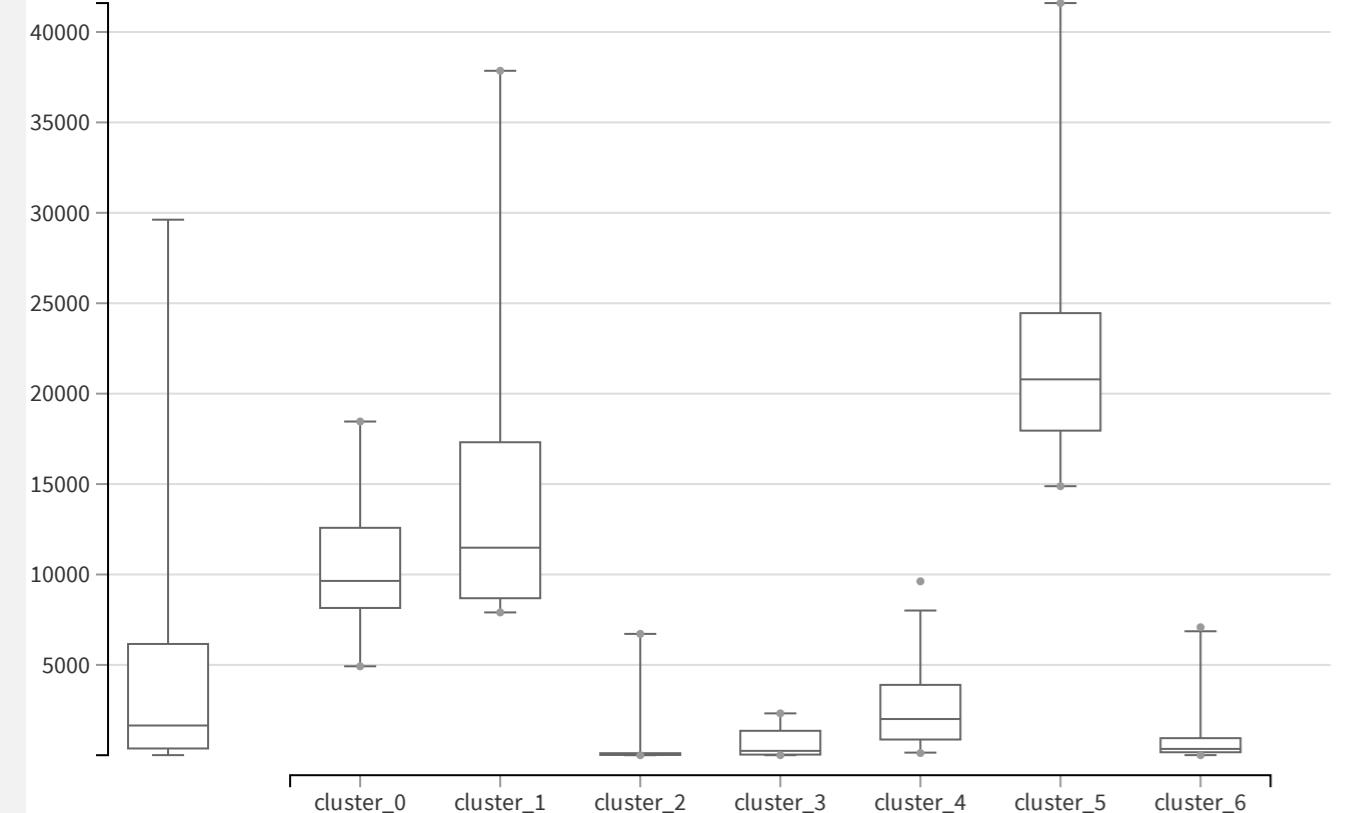




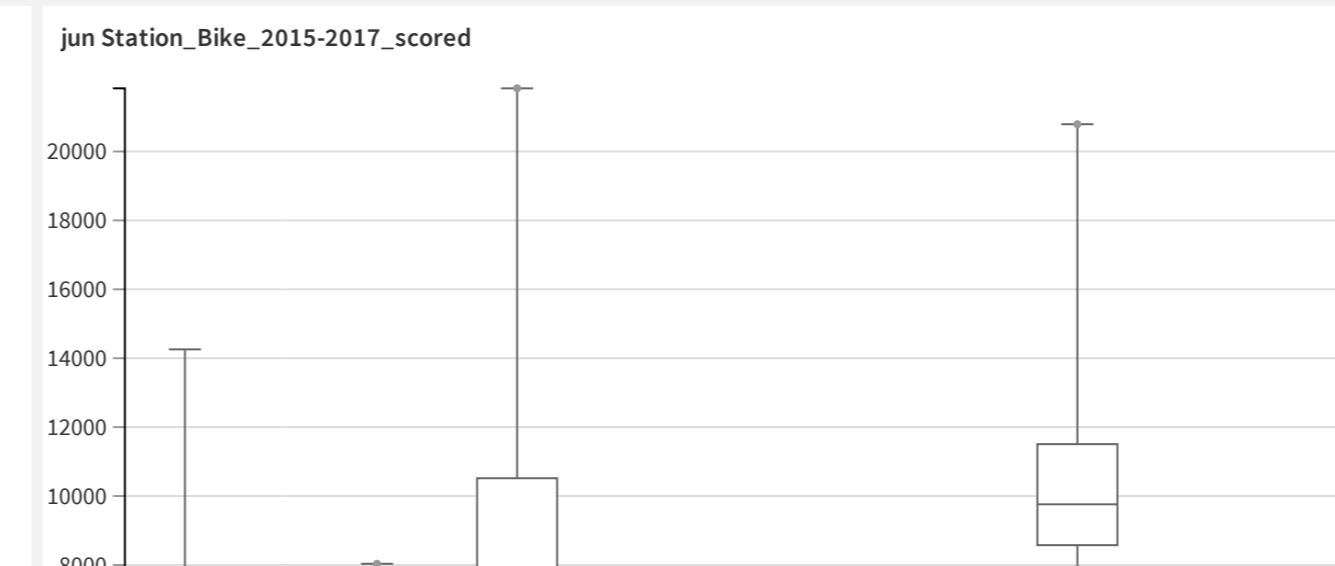
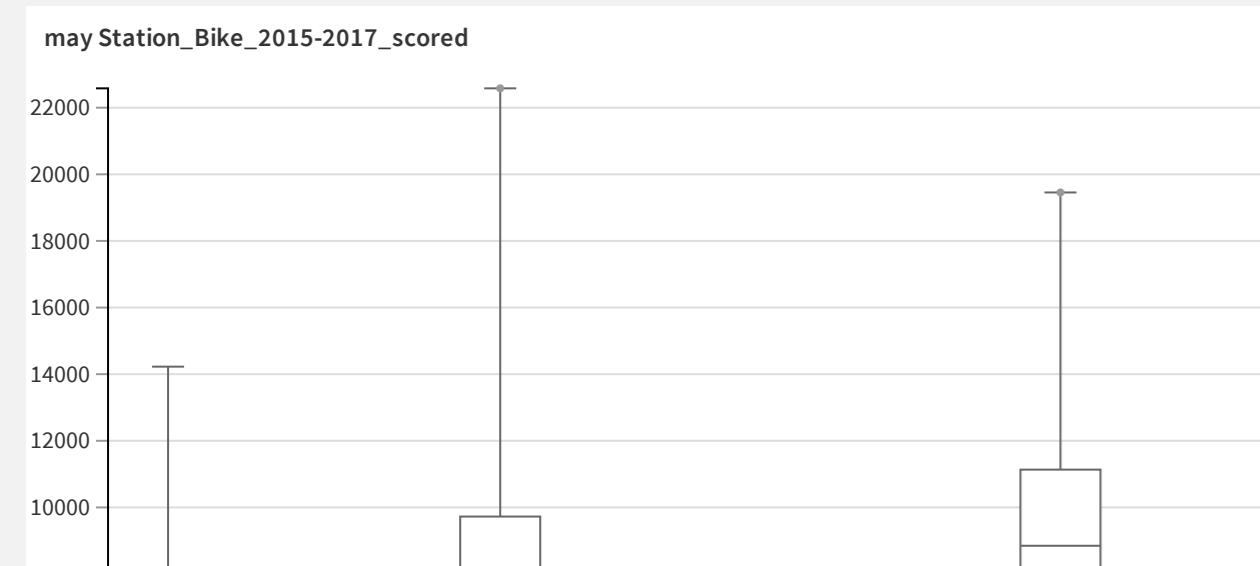
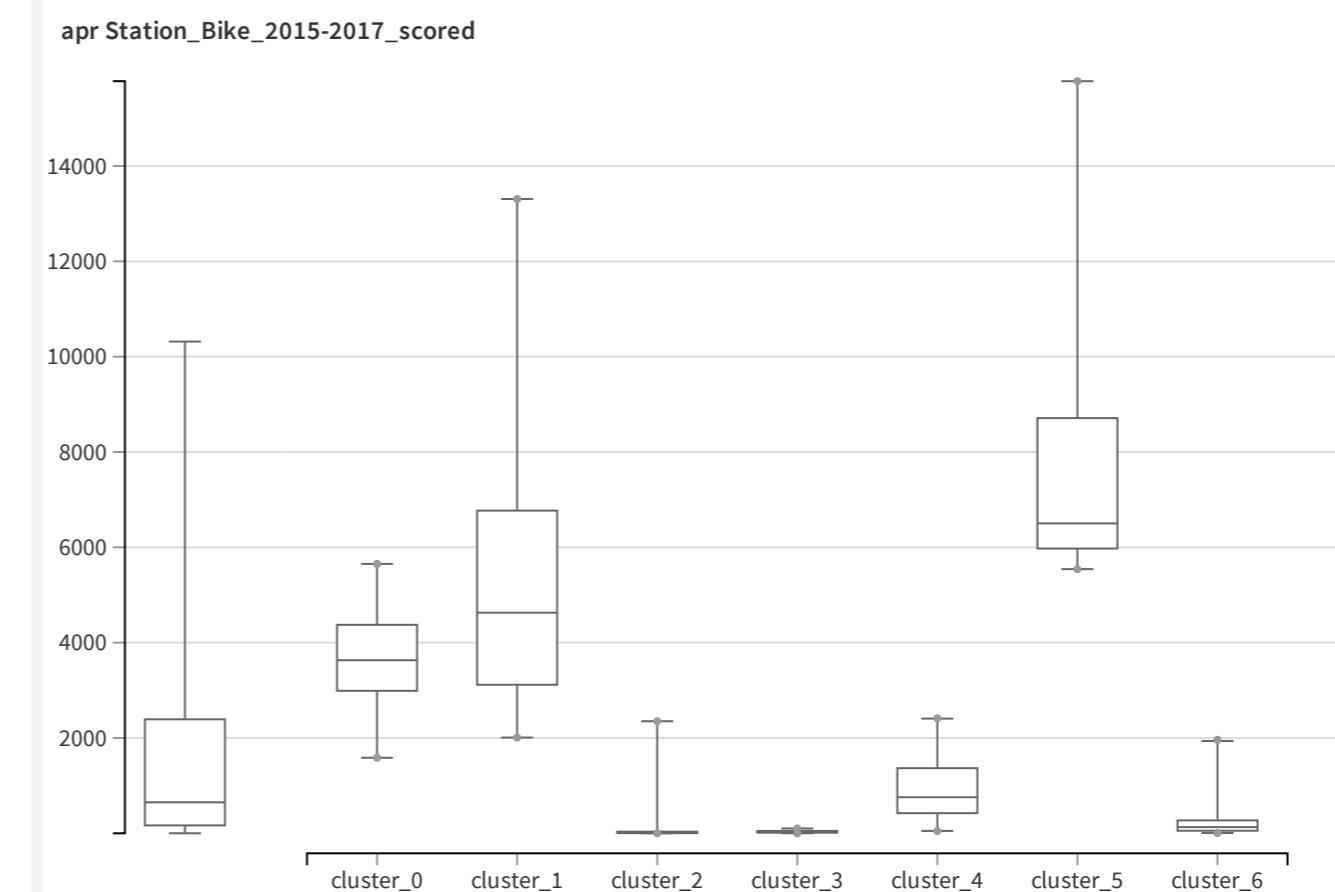
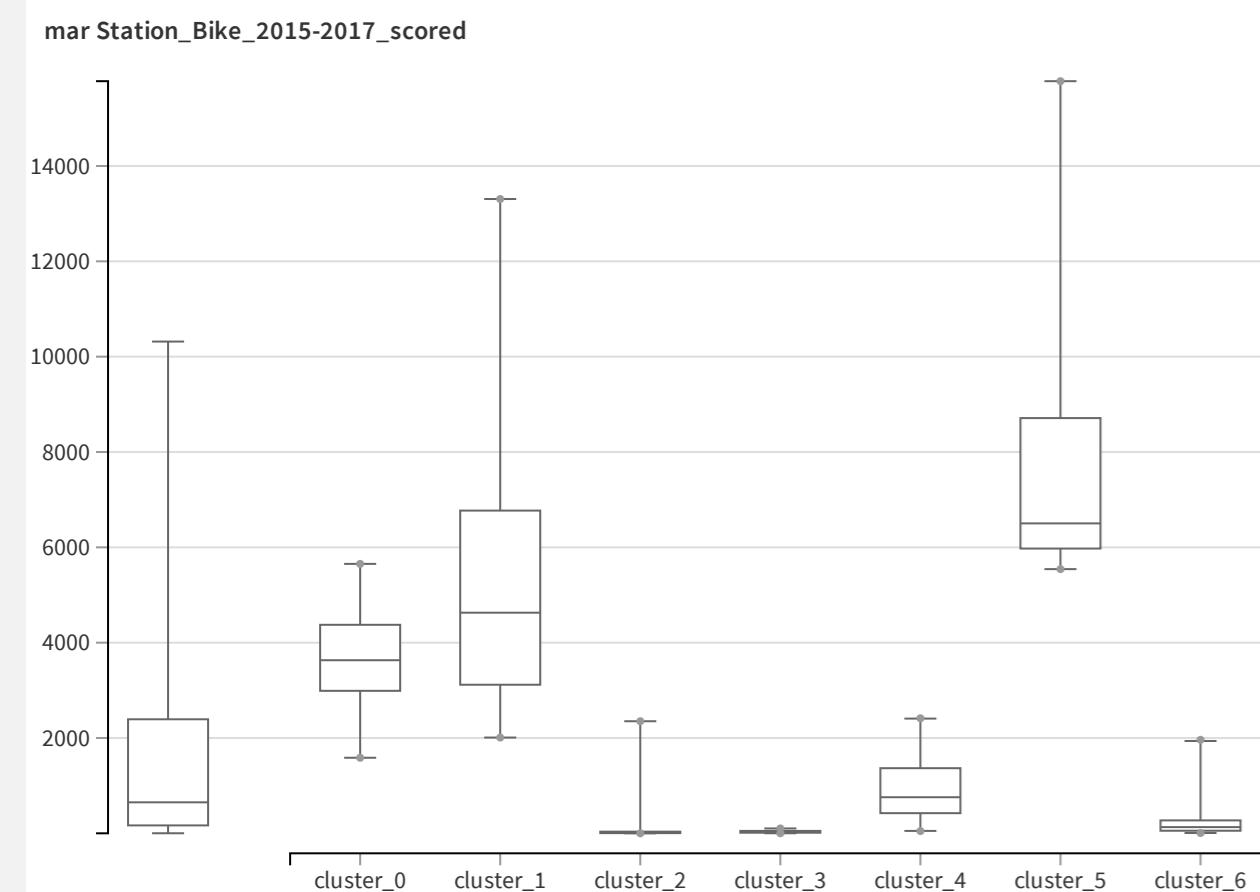
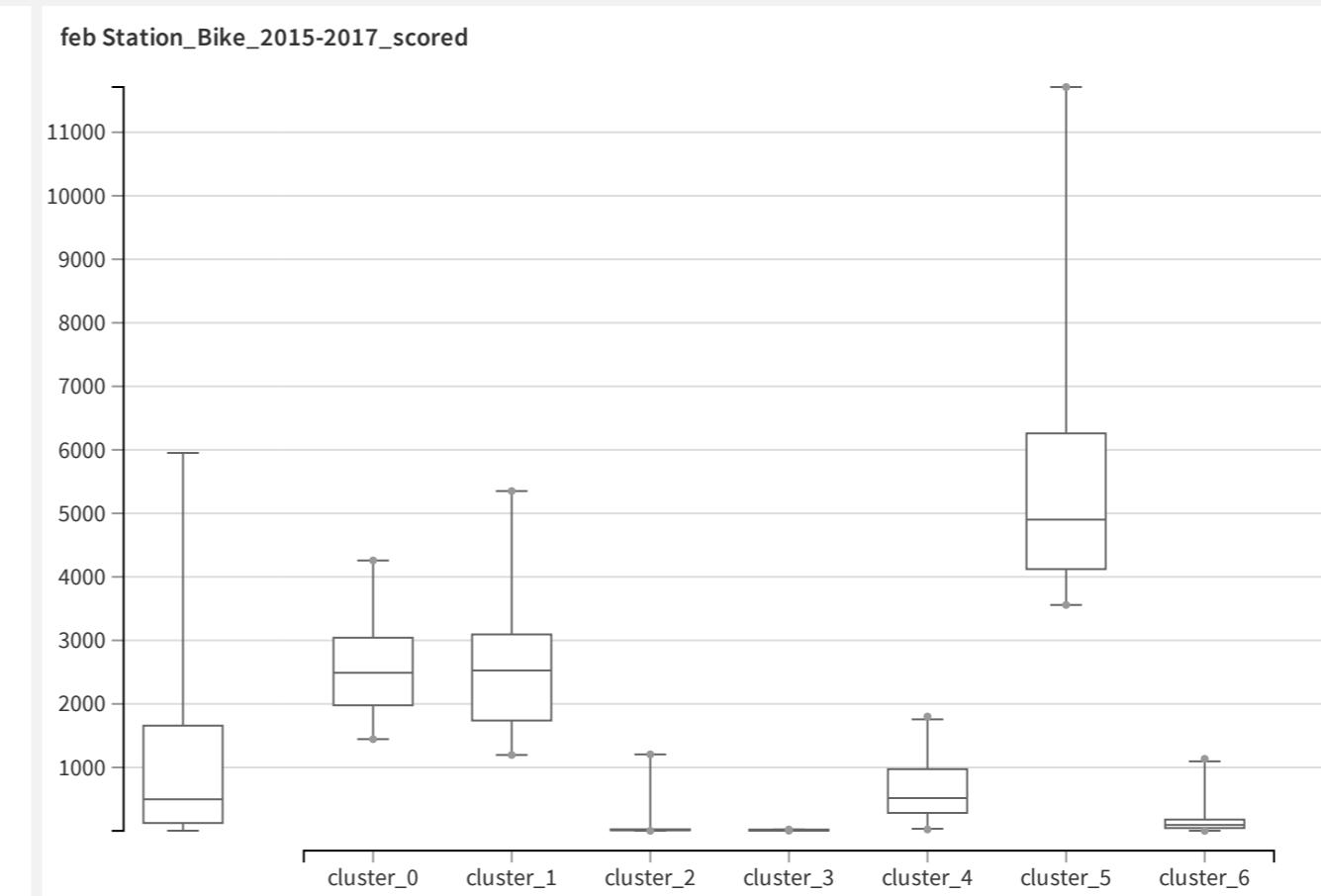
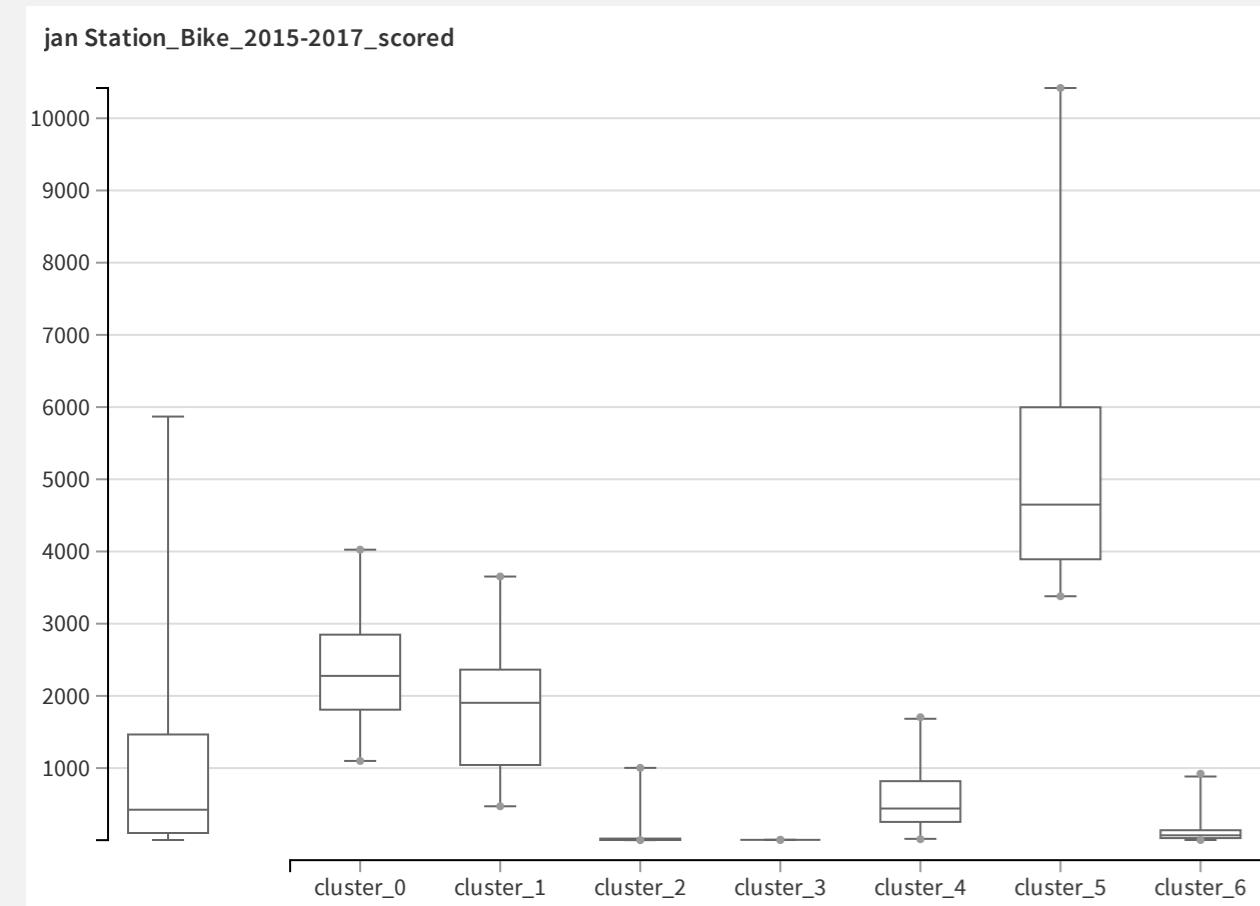
18h-21h Station_Bike_2015-2017_unscored

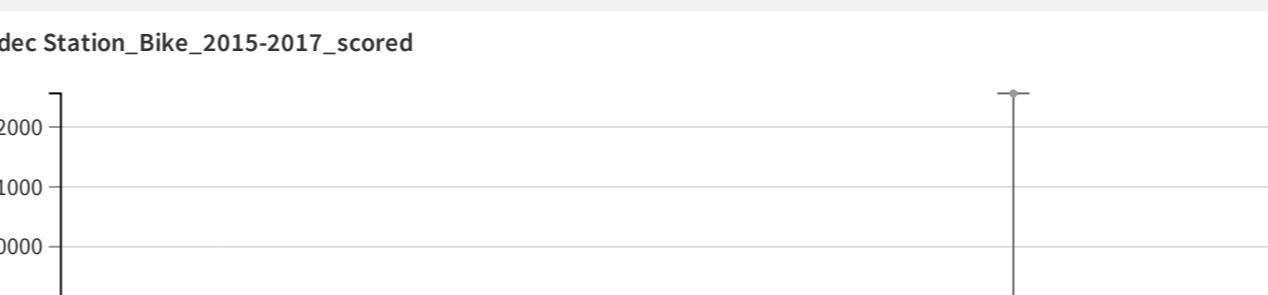
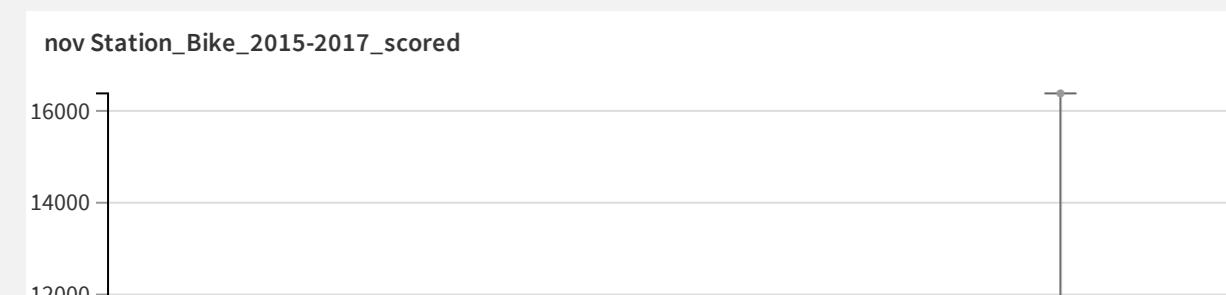
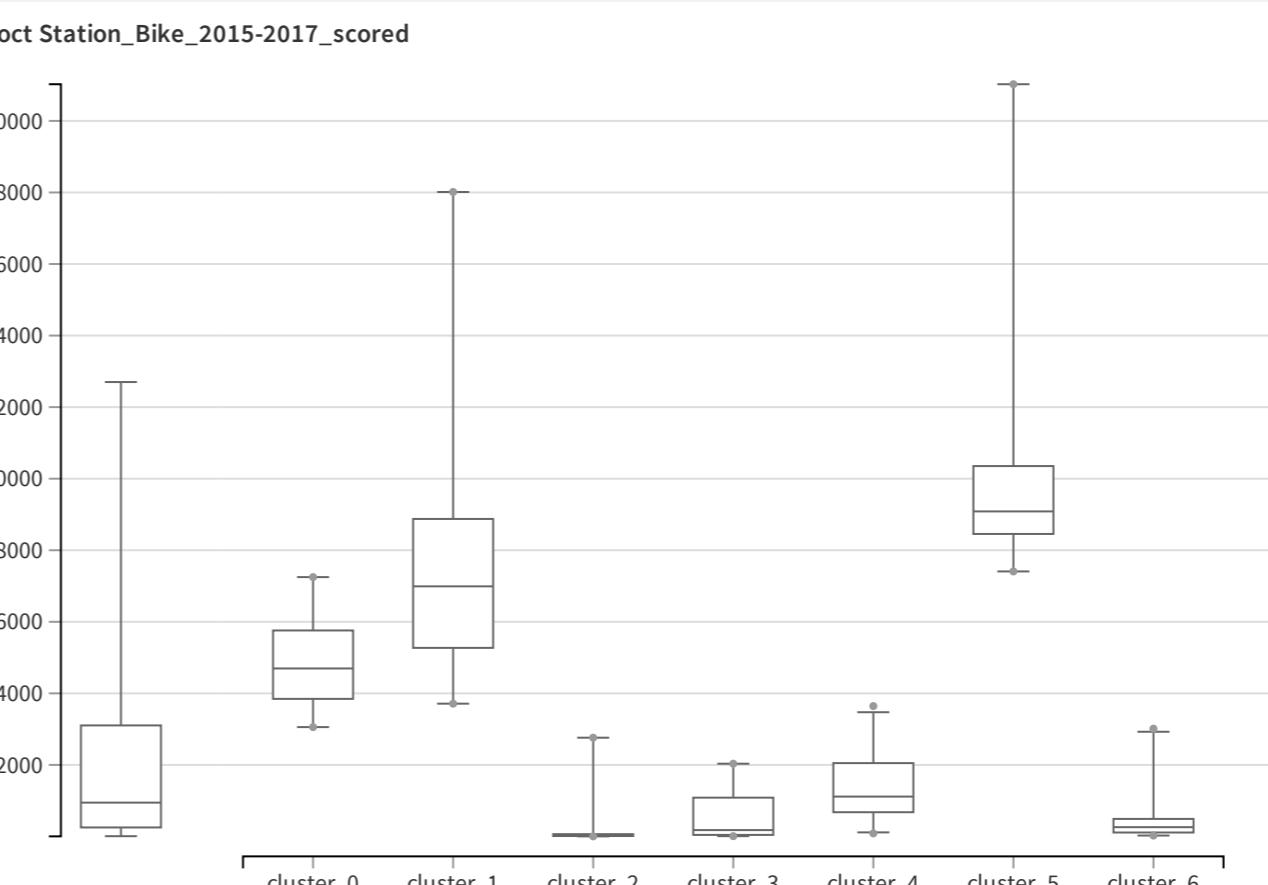
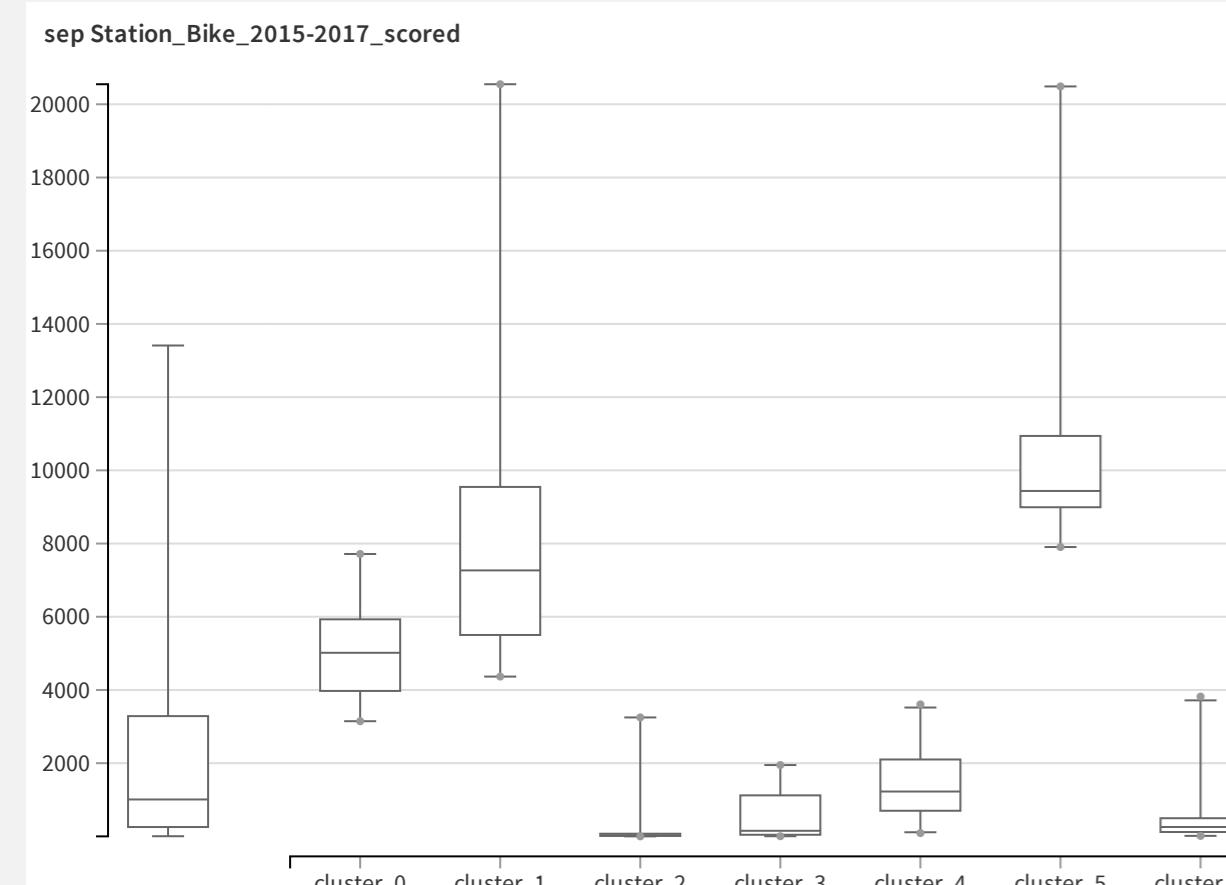
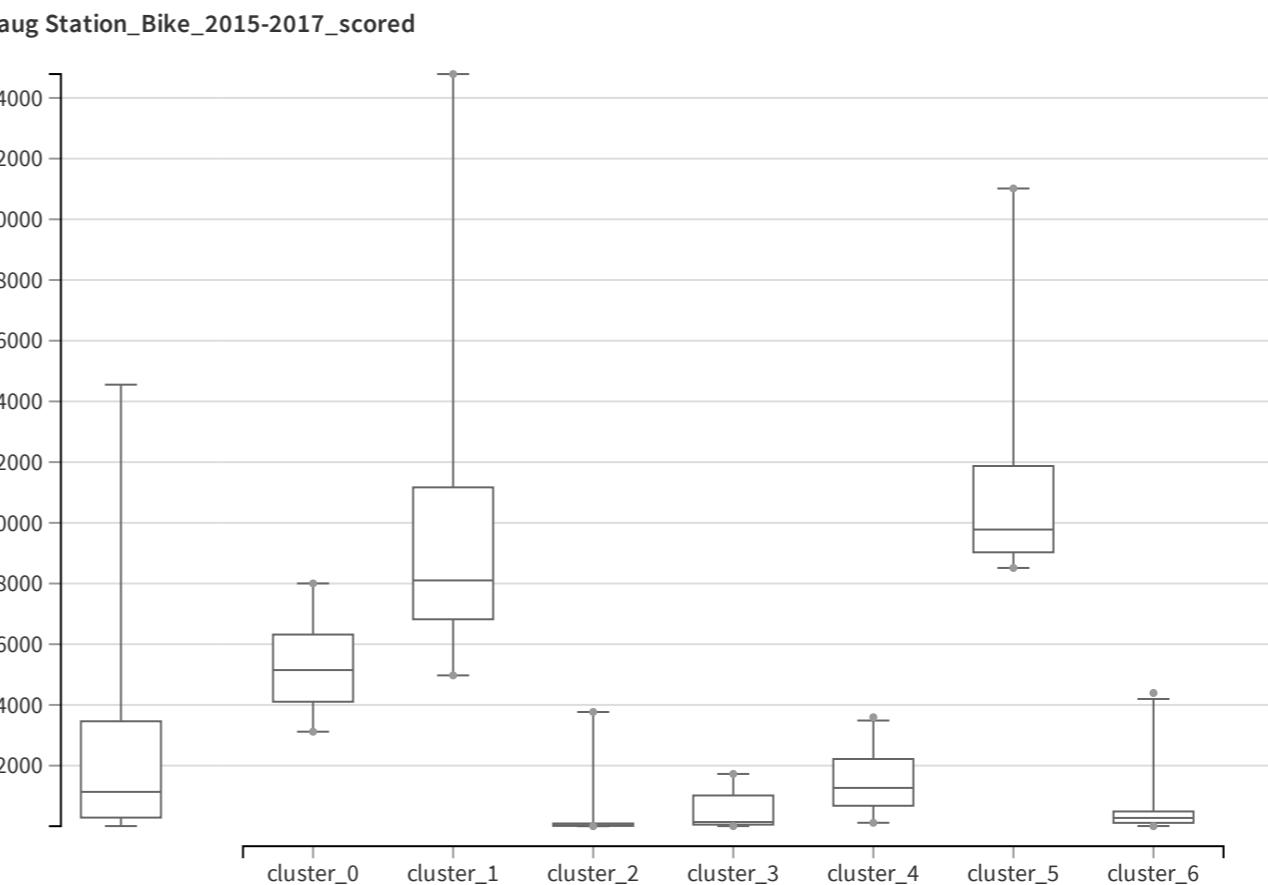
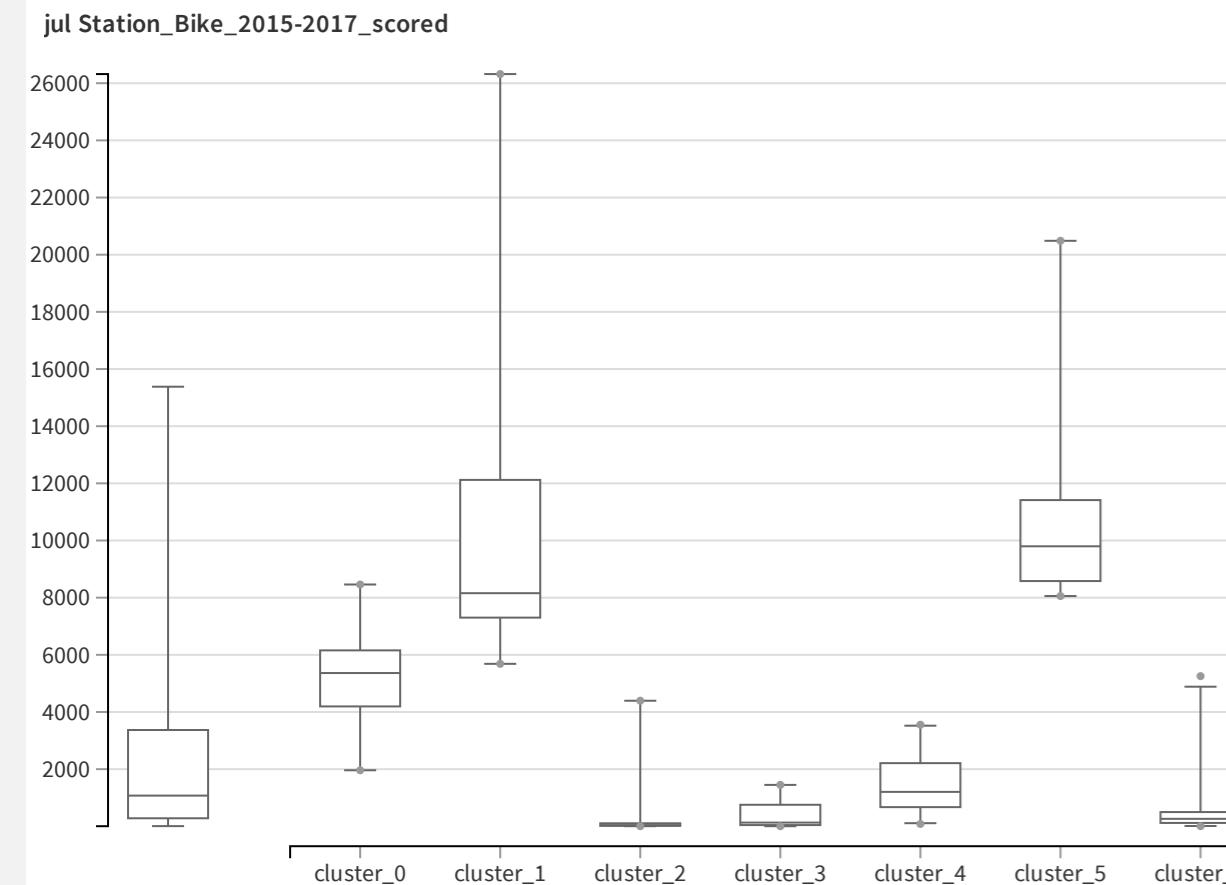
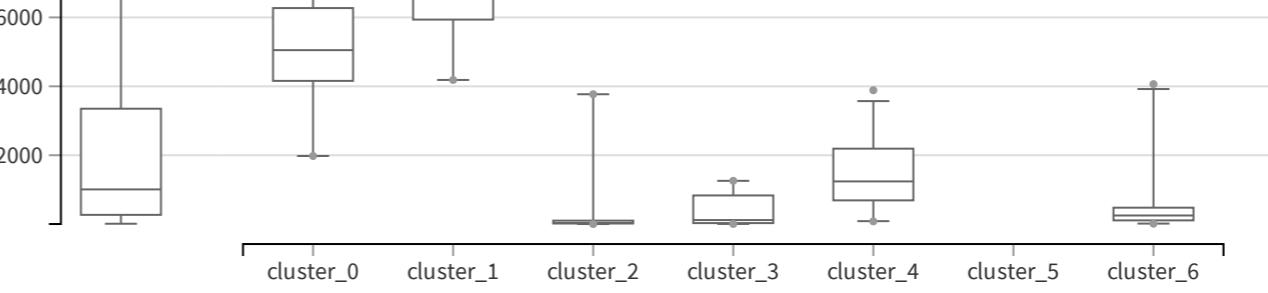
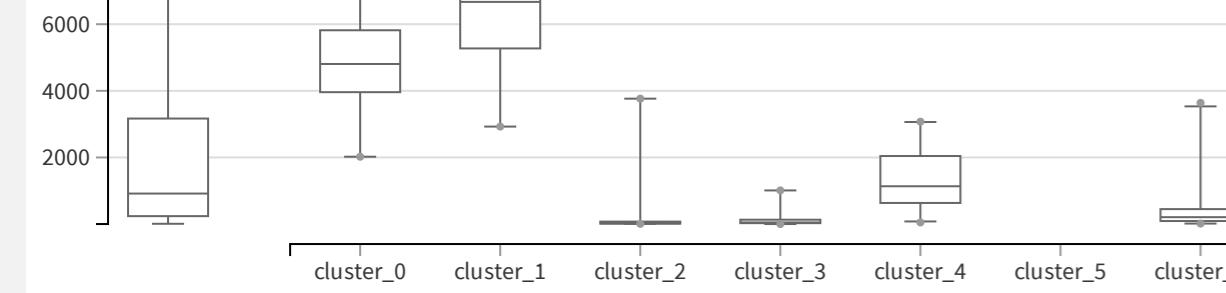


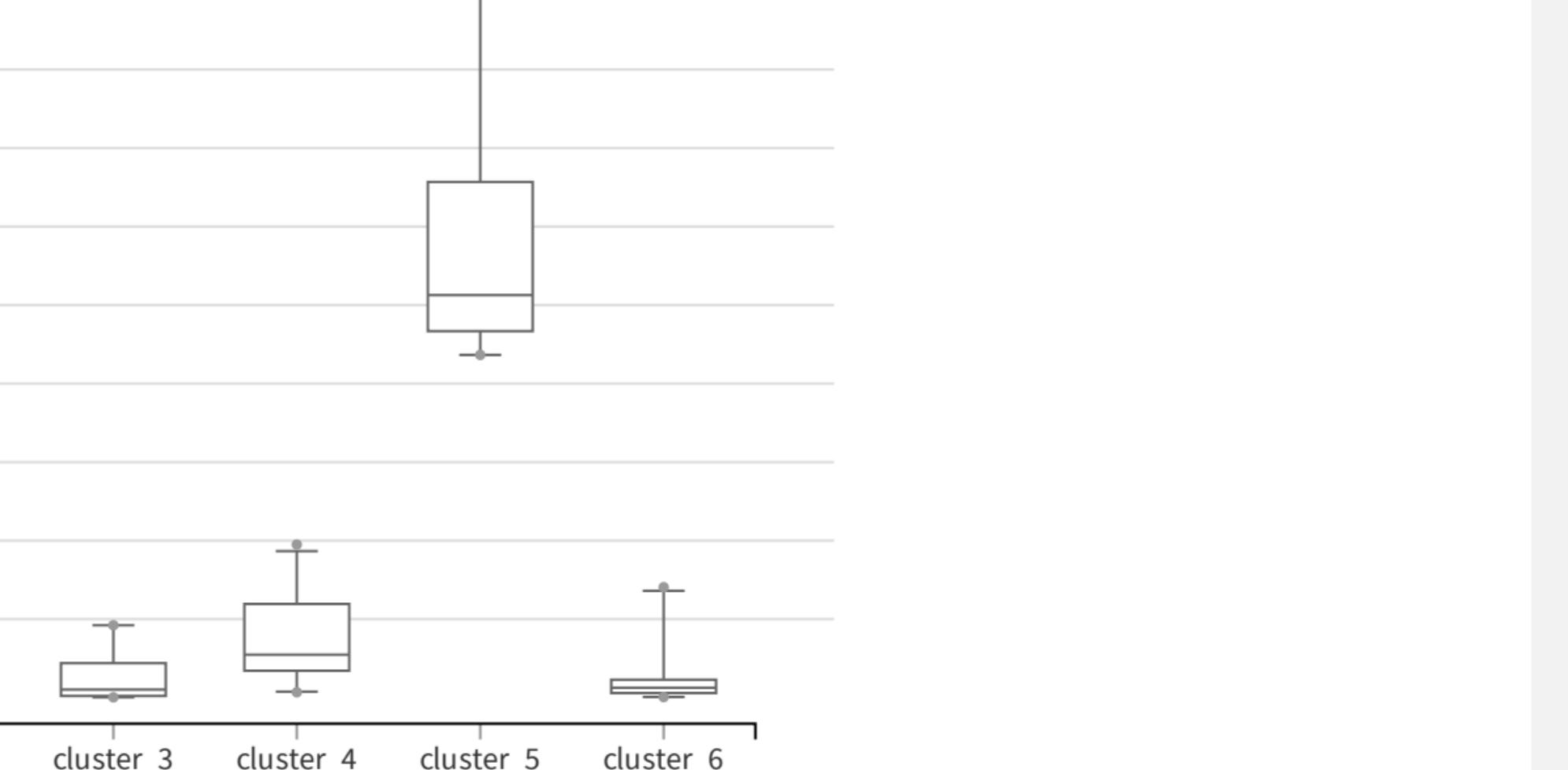
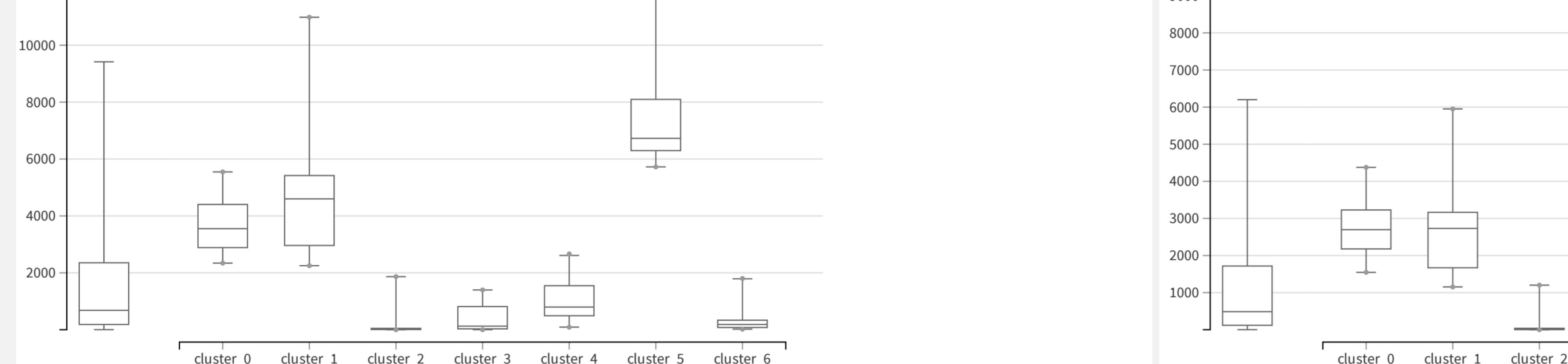
18h-21h Station_Bike_2015-2017_scored

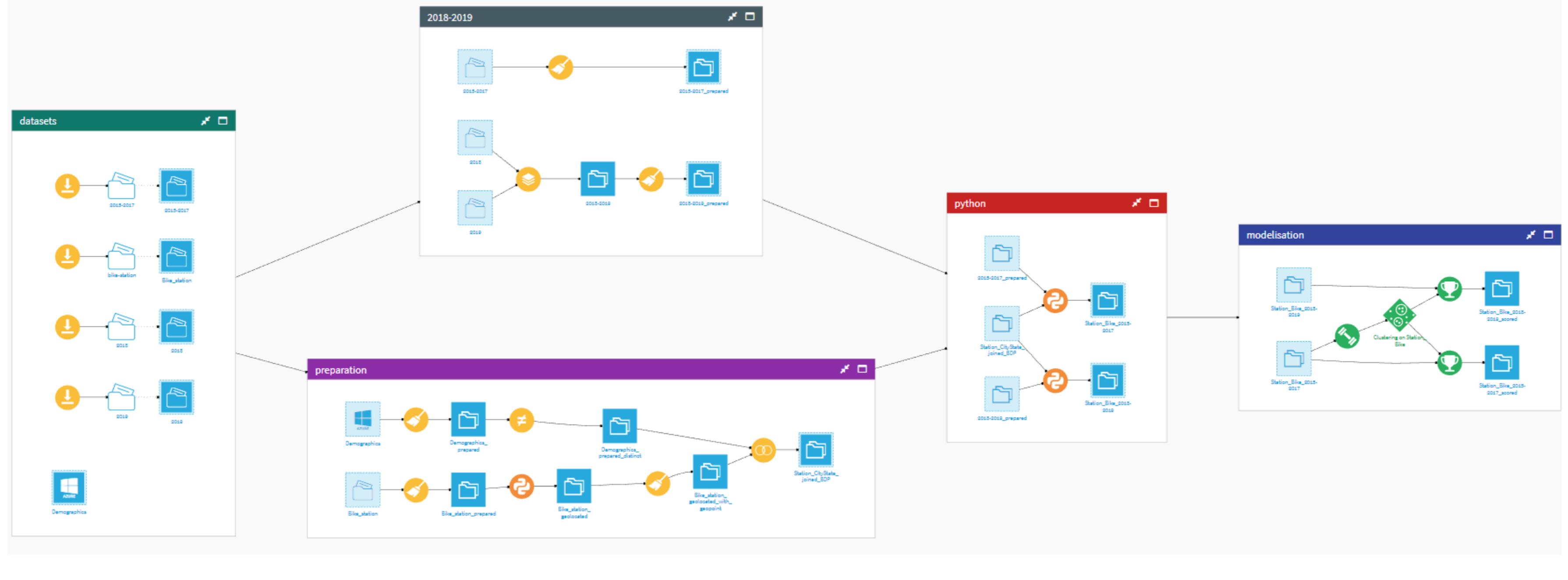


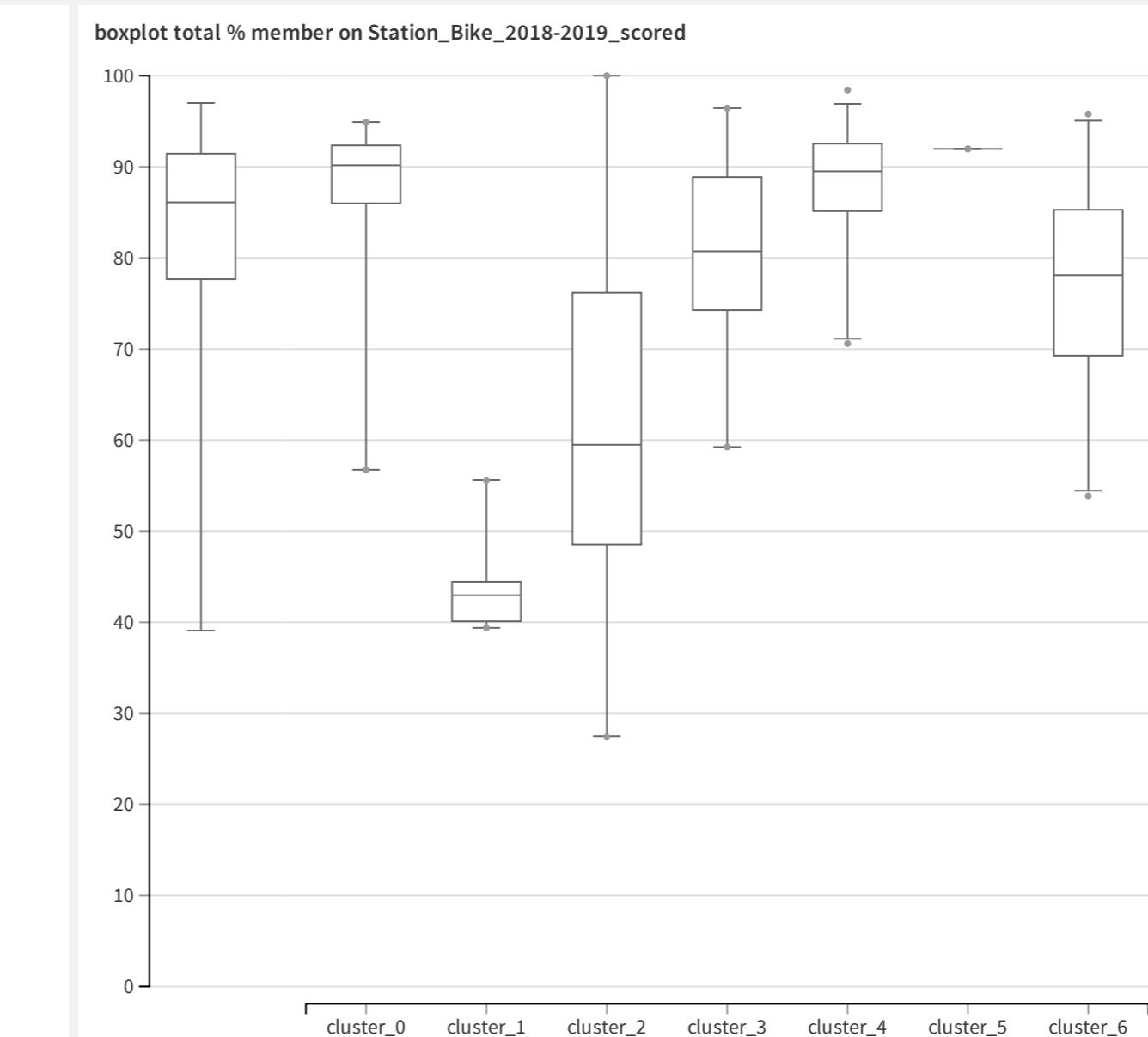
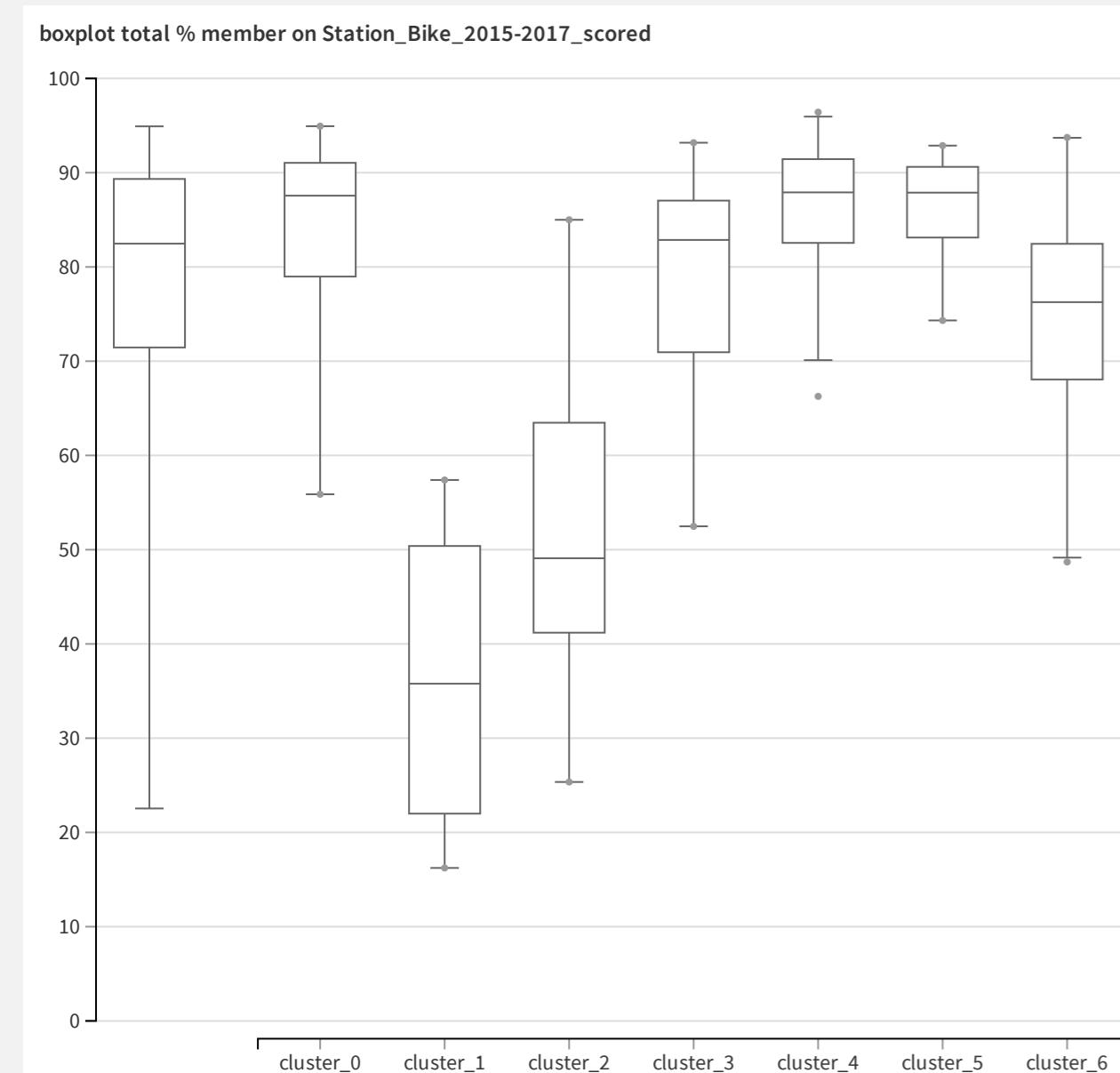
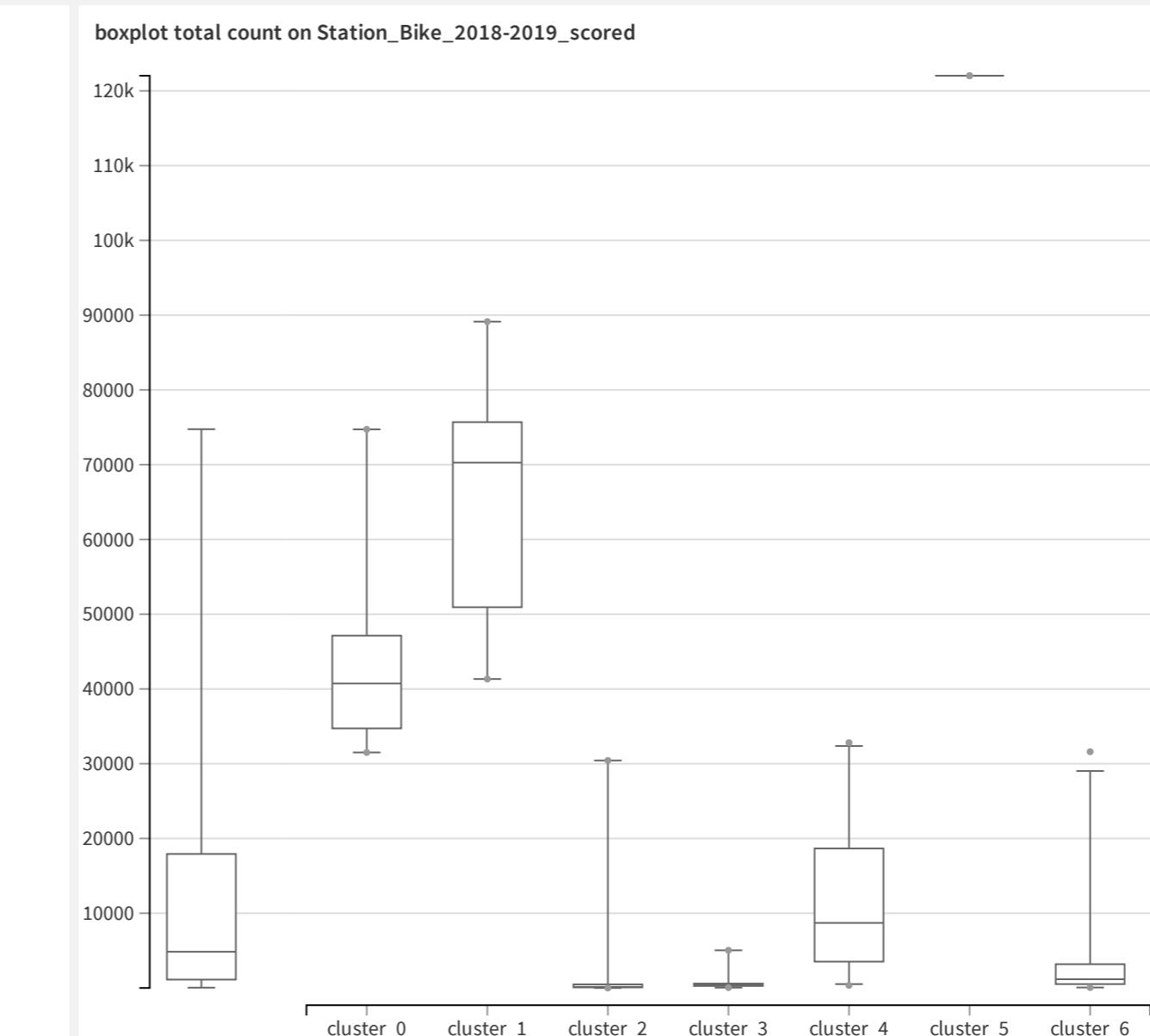
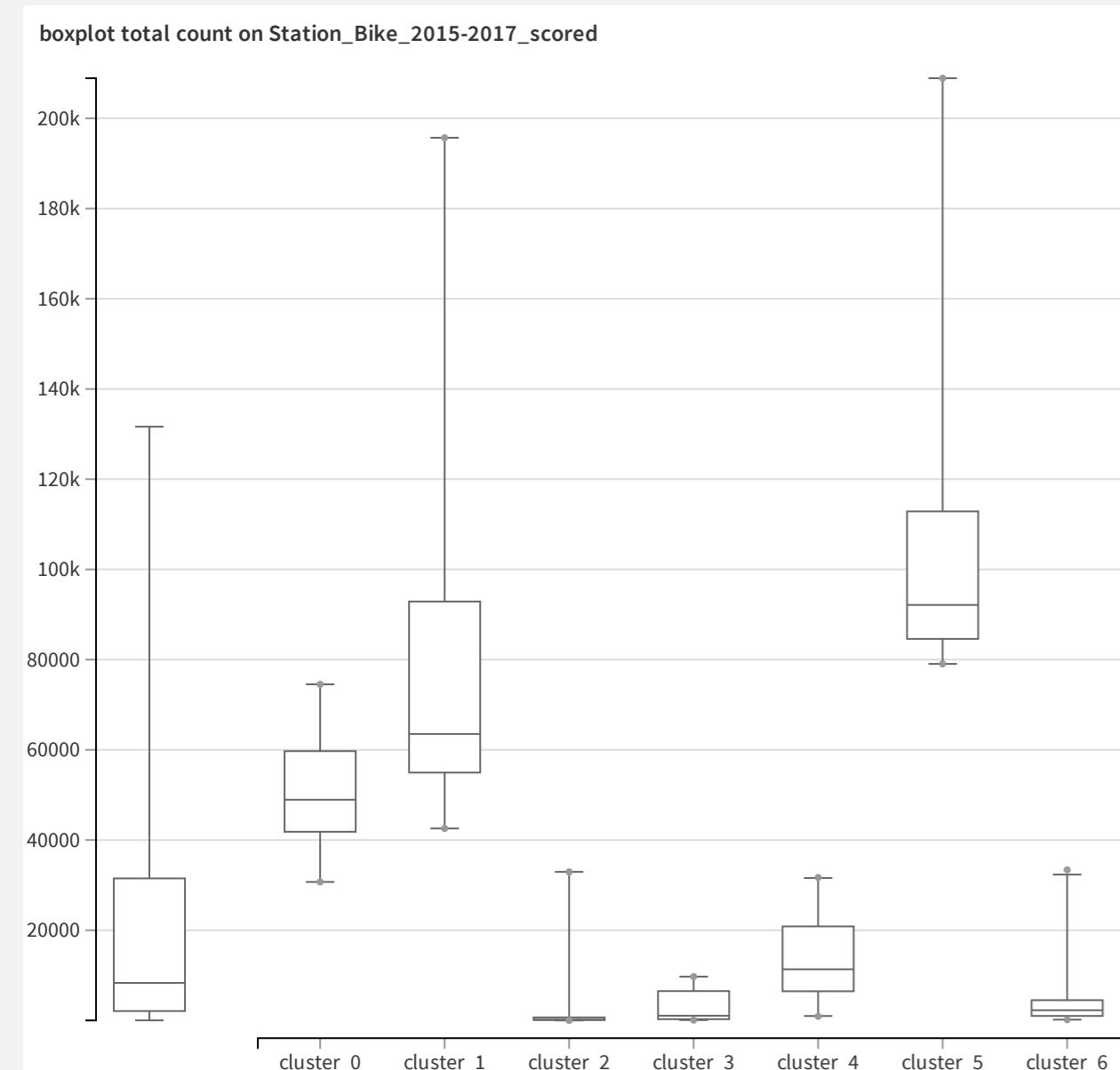
21h-00h Station_Bike_2015-2017_scored

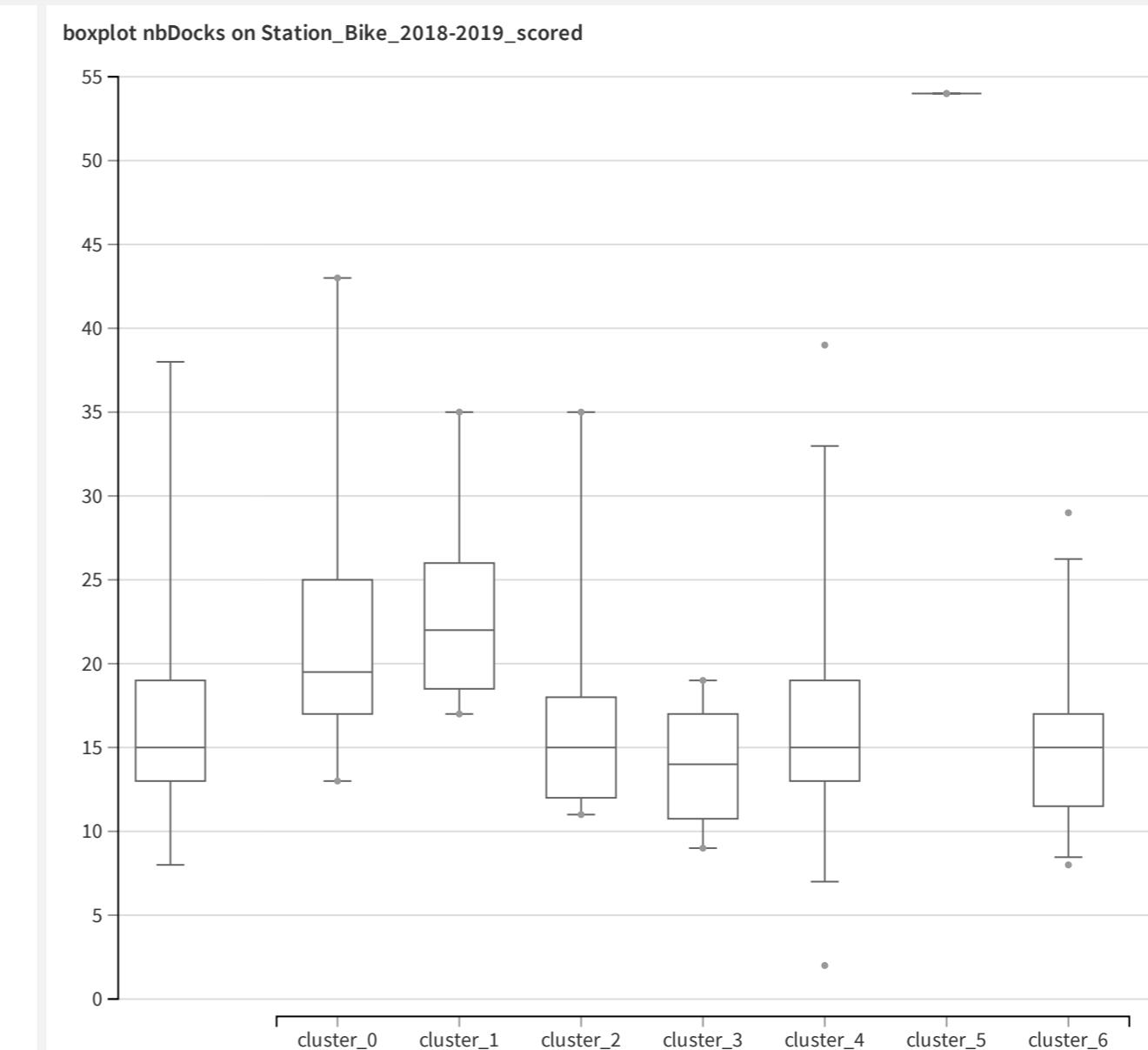
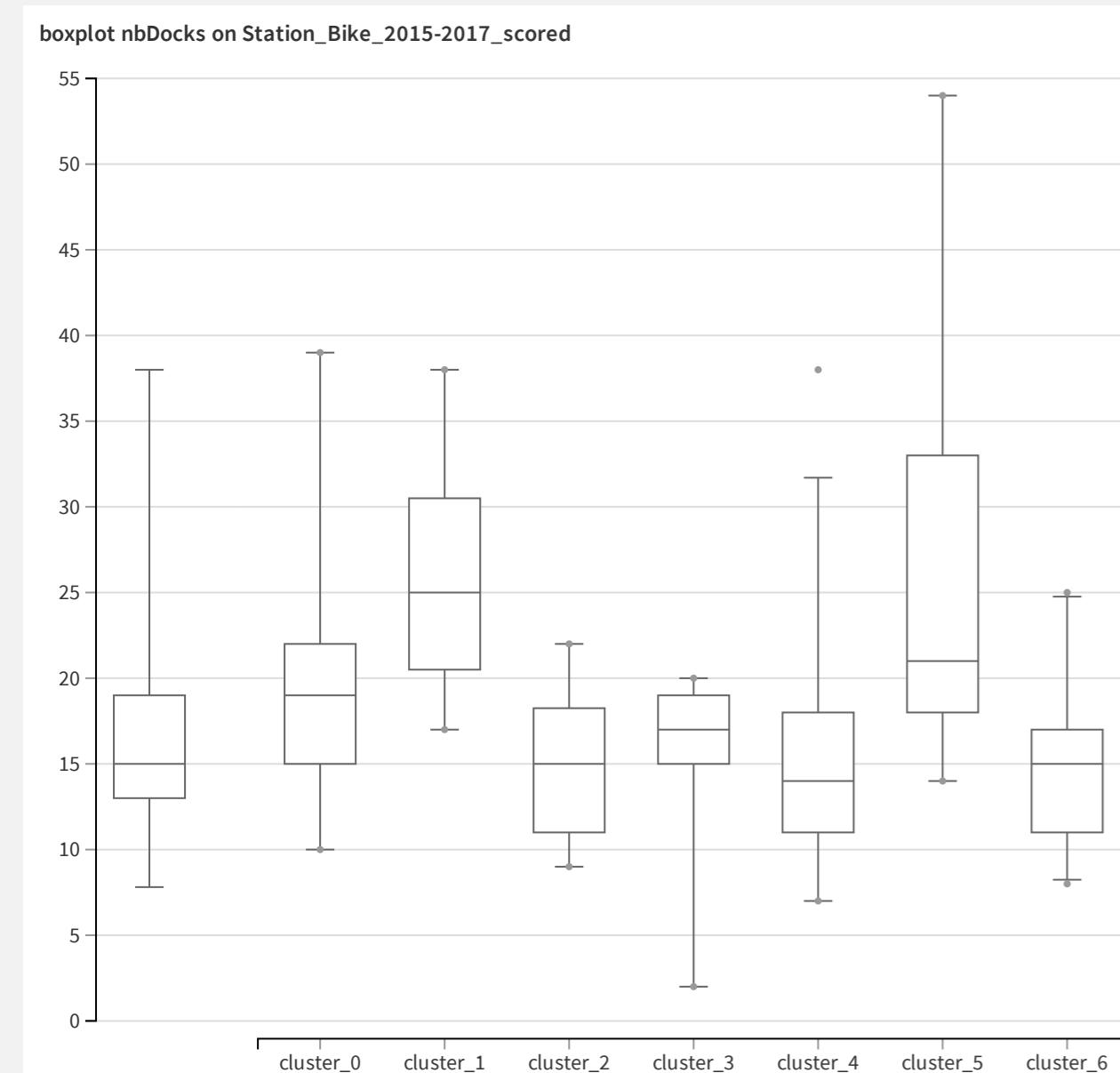
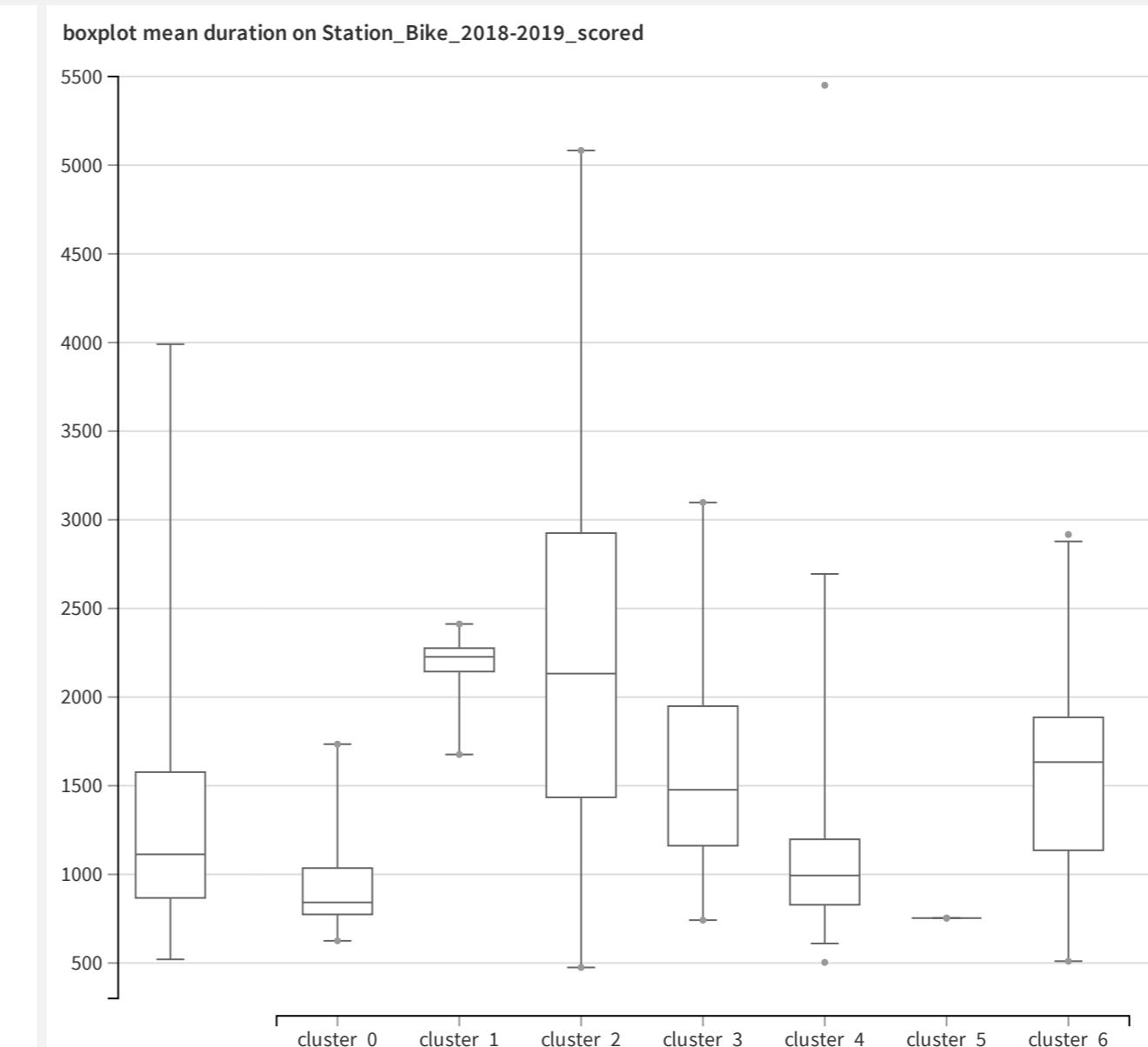
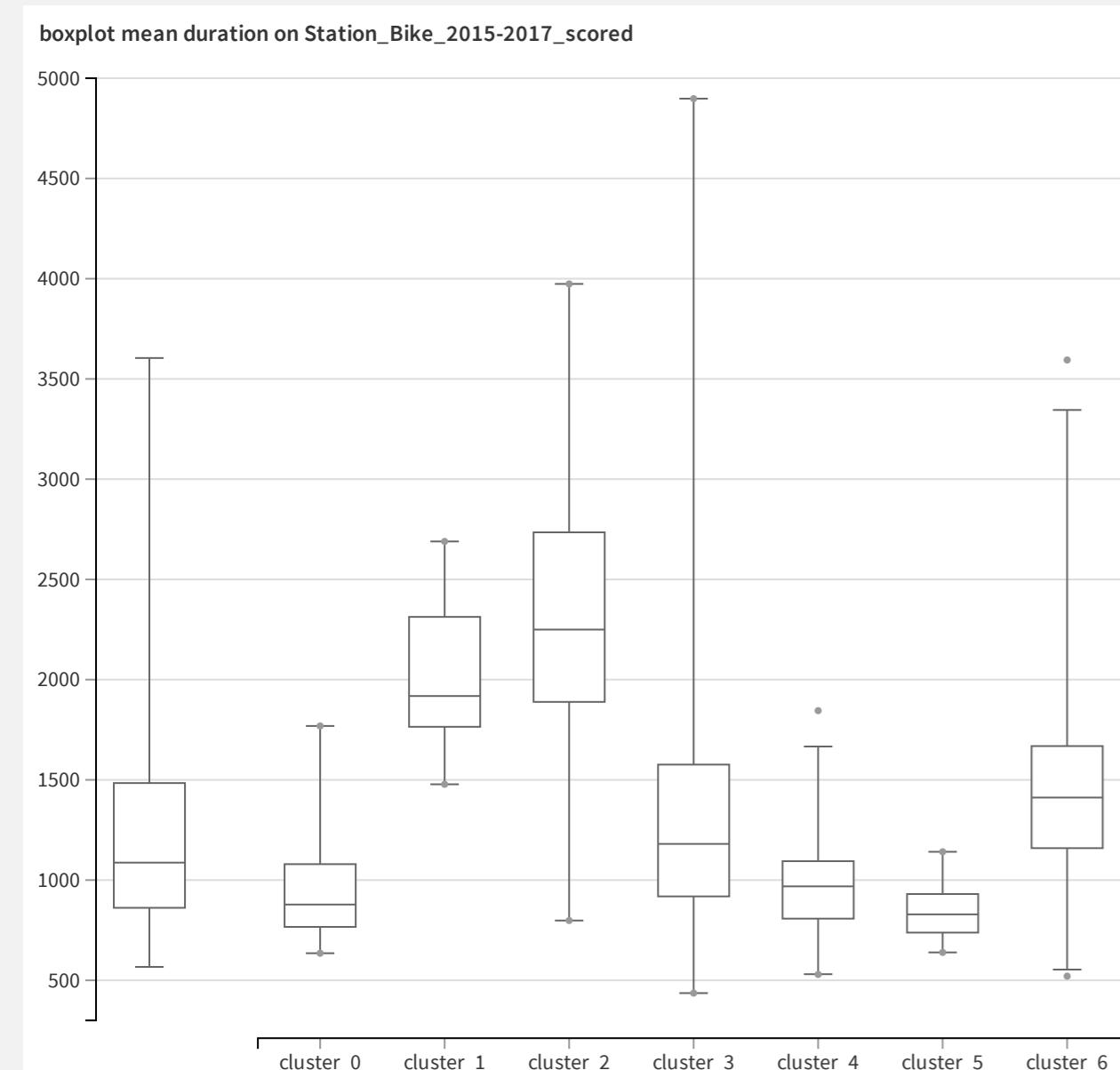




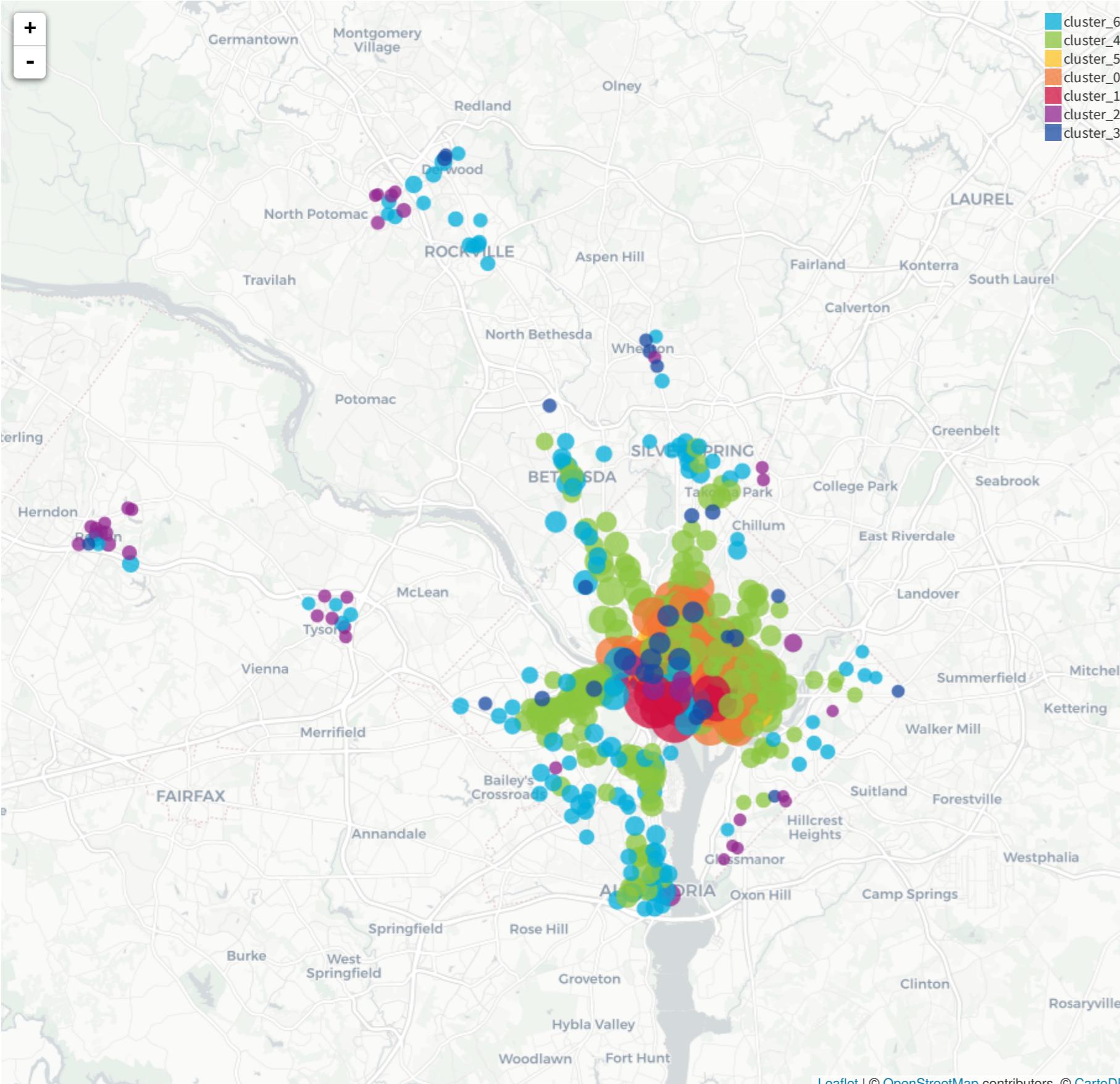








MAP Station_Bike_2015-2017_scored



MAP Station_Bike_2018-2019_scored

