

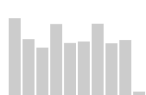
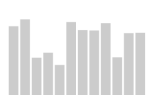
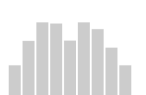






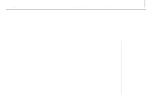





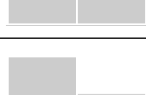




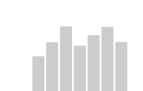



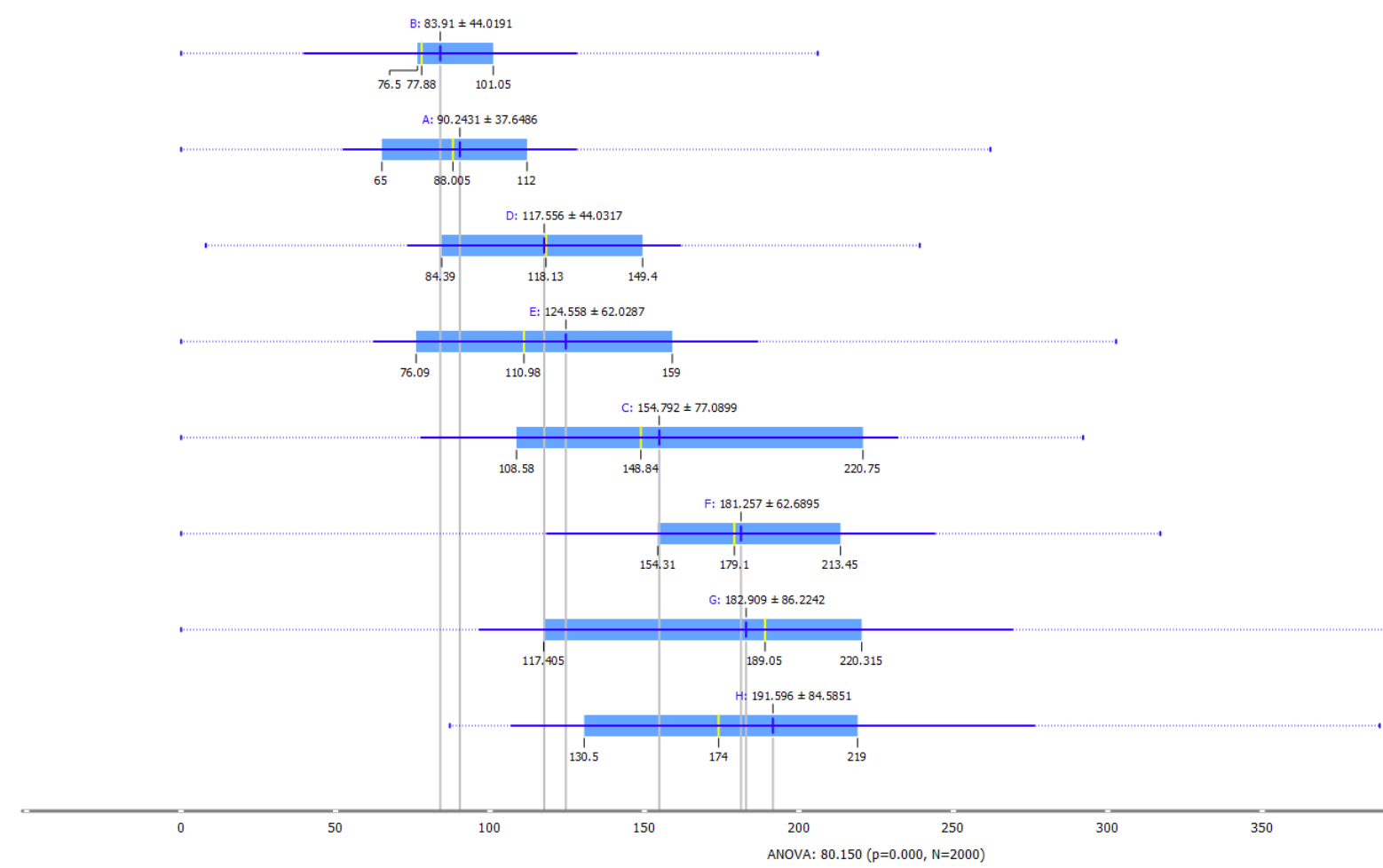
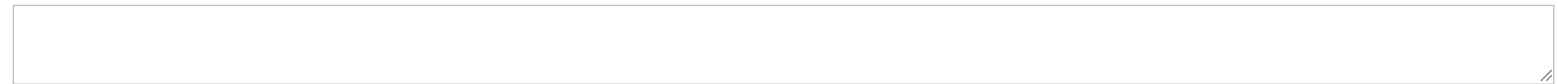


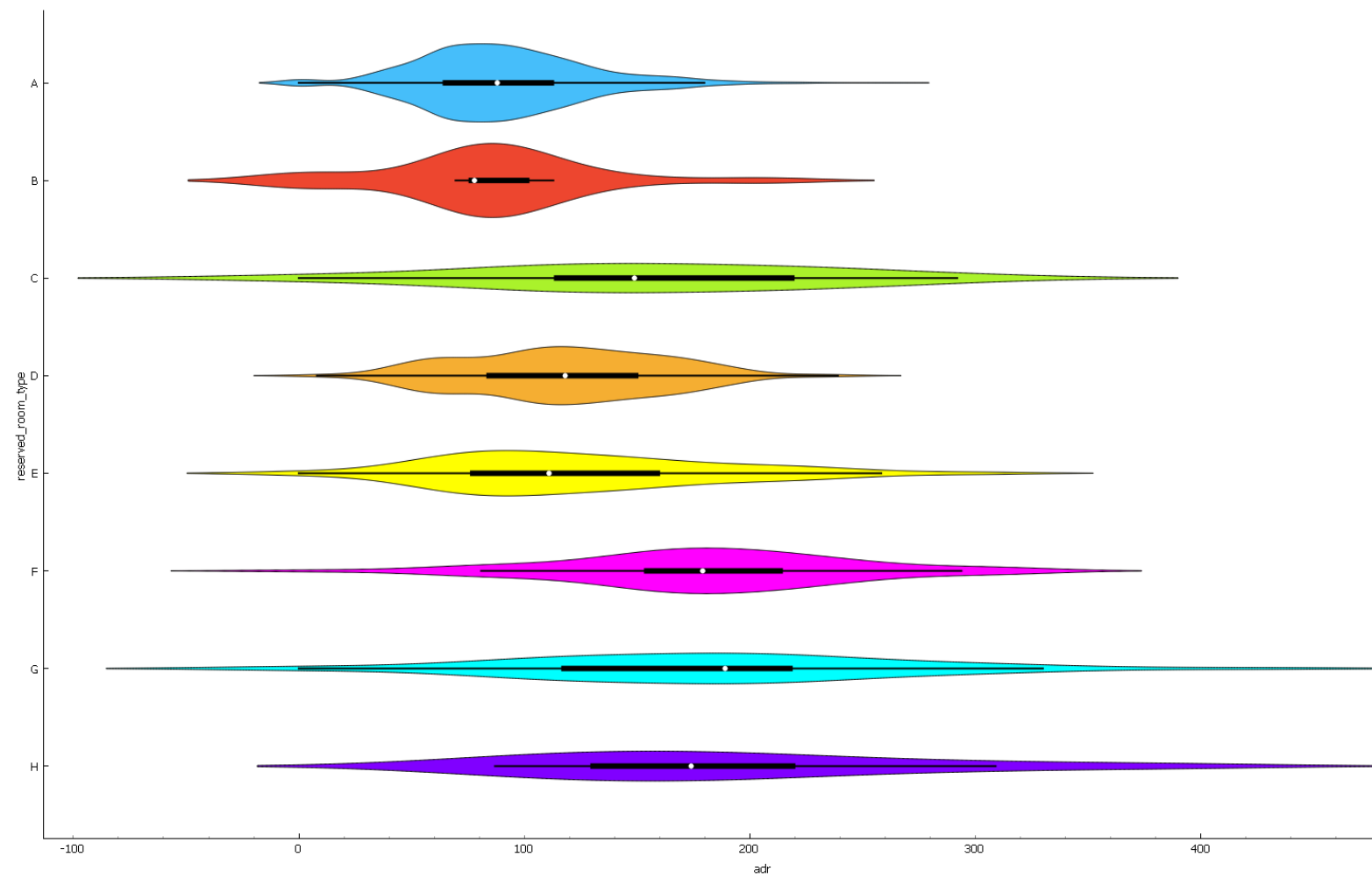
	Name	Distribution	Mean	Median	Dispersion	Min.	Max.	Missing	
N	adr		101.329	94.65	0.482723		0.00	426.25	0 (0%)
	adults		1.85	2	0.27		0	4	0 (0%)
N	arrival_date_day_of_month		15.61	16	0.57		1	31	0 (0%)
	arrival_date_month			August	2.45				0 (0%)
N	arrival_date_week_number		26.92	27	0.51		1	53	0 (0%)
	arrival_date_year		2016.16	2016	0	2015		2017	0 (0%)
C	assigned_room_type			A	1.23				0 (0%)
	babies			0	0.0514				0 (0%)
N	booking_changes		0.22	0	2.81		0	7	0 (0%)
	children		0.10	0	3.83		0	3	0 (0%)
C	company			NULL	0.372				0 (0%)
	country			PRT	2.42				0 (0%)
C	customer_type			Transient	0.688				0 (0%)
	days_in_waiting_list		2.47	0	8.18		0	391	0 (0%)
C	deposit_type			No Deposit	0.368				0 (0%)
	distribution_channel			TA/TO	0.57				0 (0%)
C	hotel			City Hotel	0.641				0 (0%)
C	is_canceled			0	0.651				0 (0%)
C	is_repeated_guest			0	0.138				0 (0%)

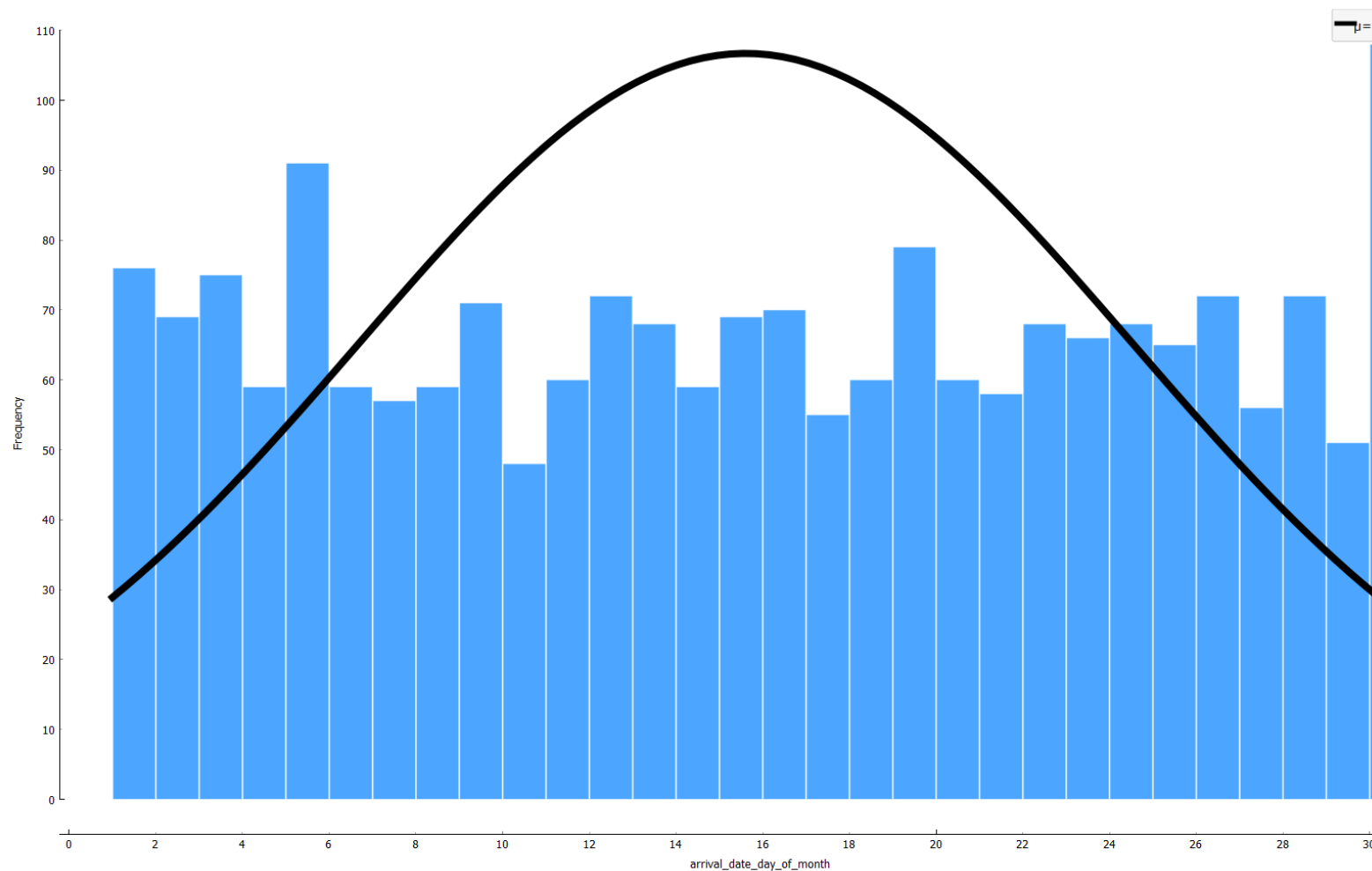
								
N	lead_time		101.70	68.50	1.04	0	605	0 (0%)
C	market_segment			Online TA	1.34			0 (0%)
C	meal			BB	0.77			0 (0%)
N	previous_bookings_not_canceled		0.11	0	8.71	0	22	0 (0%)
N	previous_cancellations		0.08	0	10.94	0	26	0 (0%)
C	required_car_parking_spaces			0	0.207			0 (0%)
C	reservation_status			Check-Out	0.698			0 (0%)
T	reservation_status_date		2016-08-01 08:16:48	2016-08-08 00:00:00	~2 years	2014-10-17 00:00:00	2017-09-03 00:00:00	0 (0%)
C	reserved_room_type			A	0.953			0 (0%)
N	stays_in_week_nights		2.42	2	0.79	0	19	0 (0%)
N	stays_in_weekend_nights		0.93	1	1.04	0	6	0 (0%)
N	total_of_special_requests		0.58	0	1.38	0	4	0 (0%)



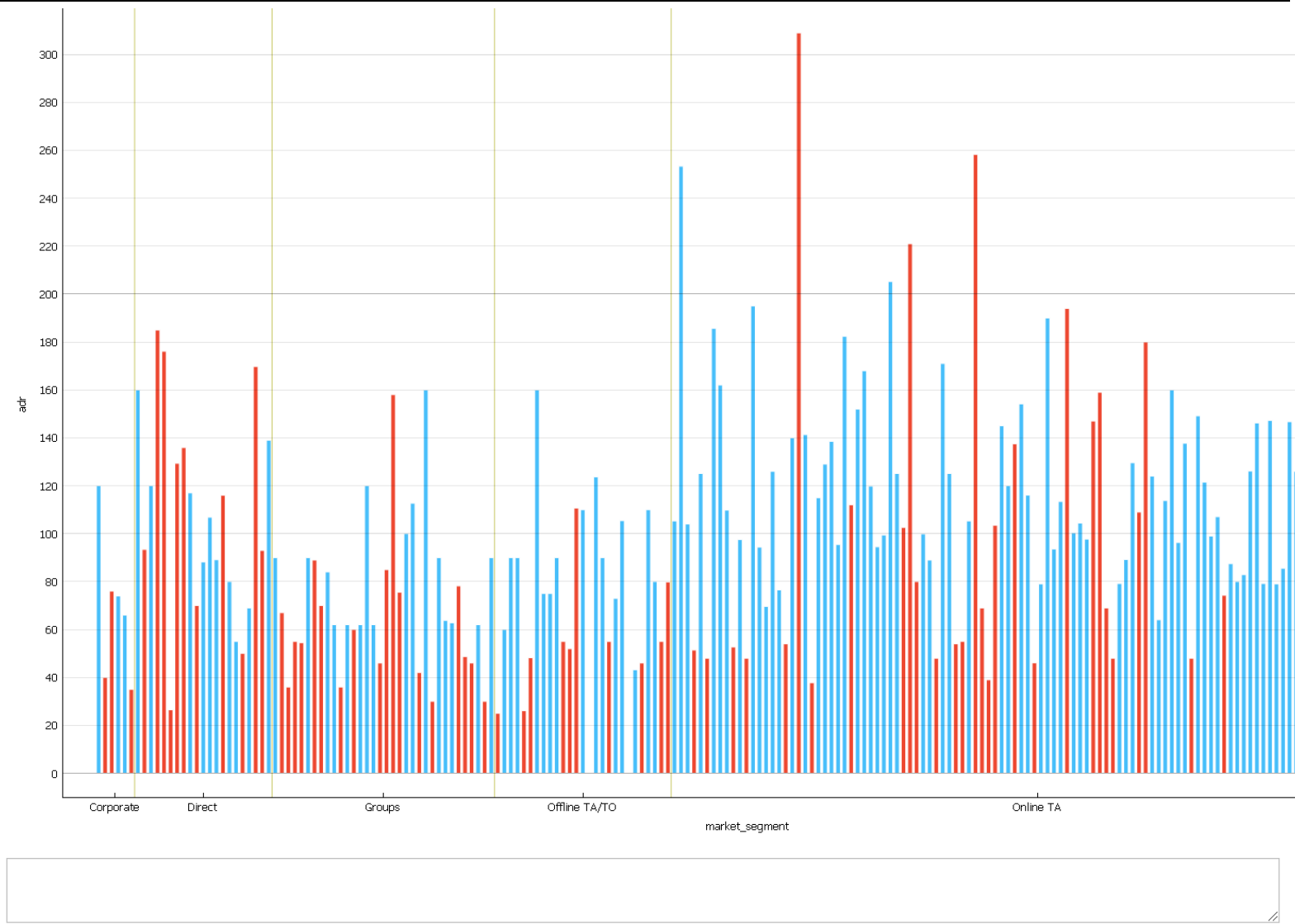
Box plot for attribute 'adr' grouped by 'reserved_room_type'





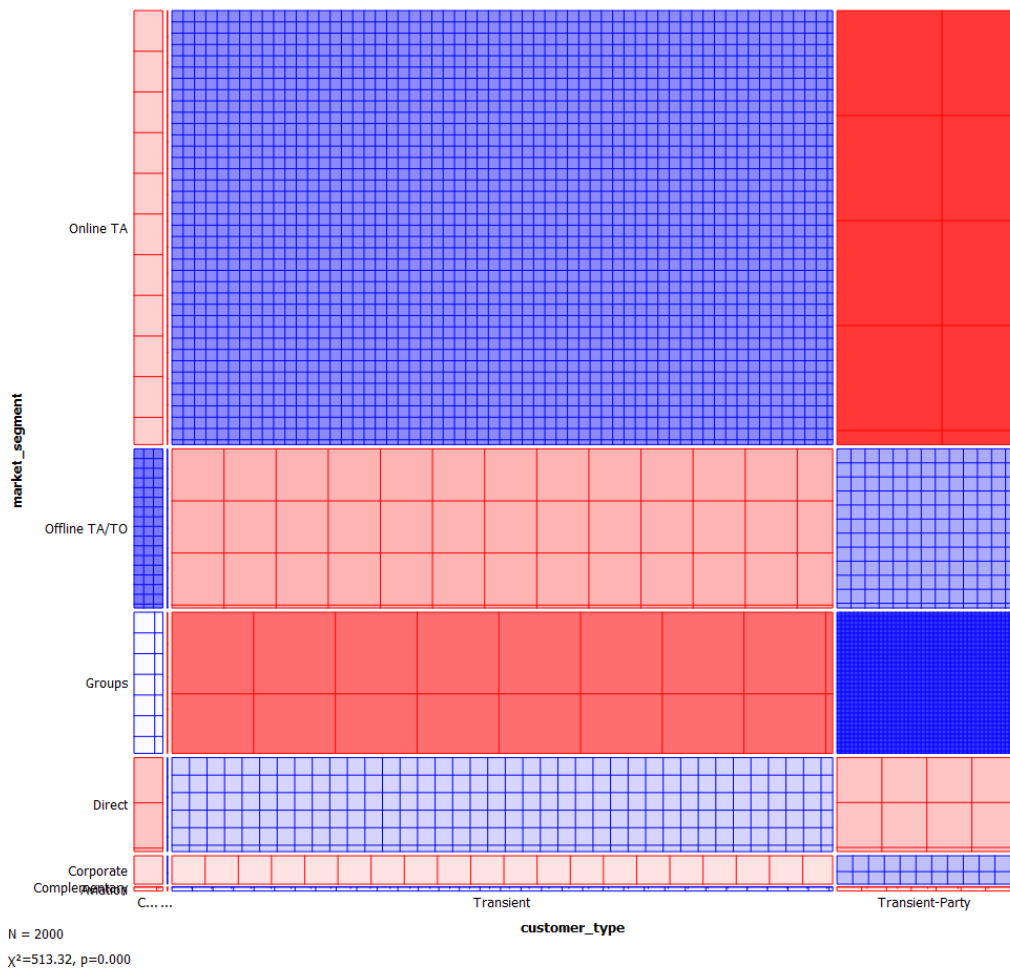


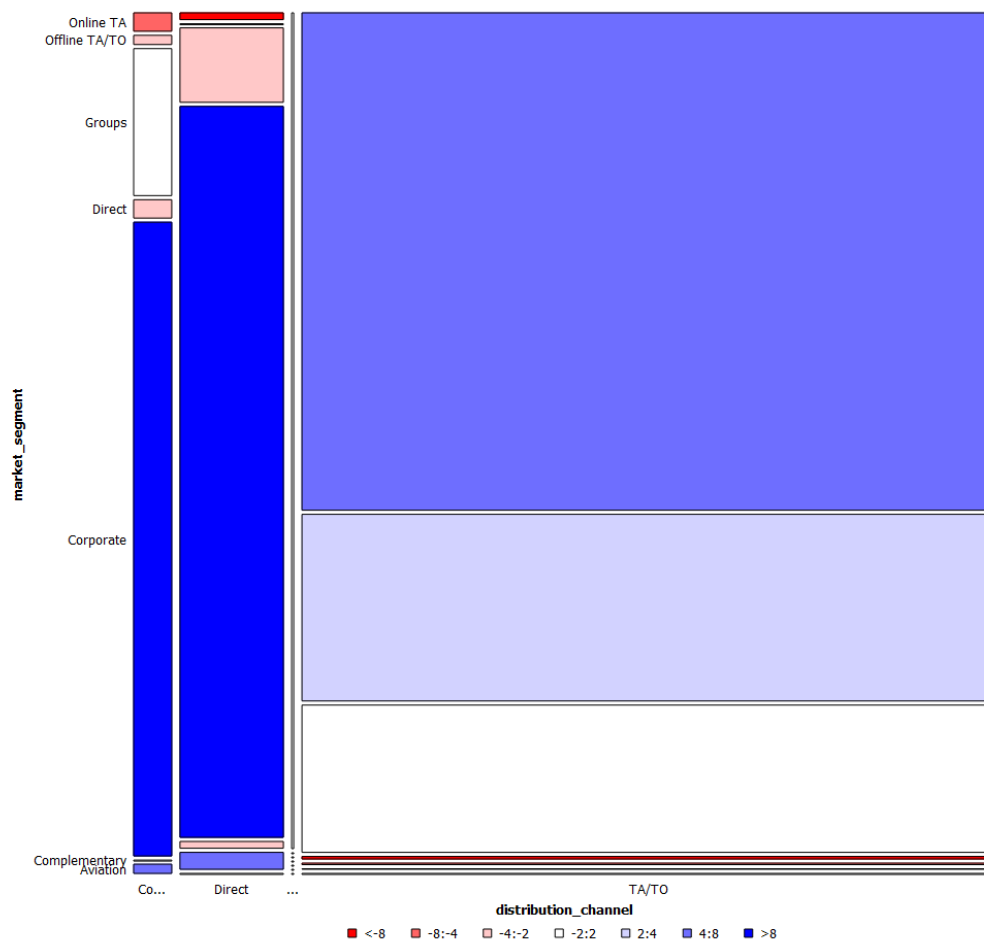
Distribution of 'arrival_date_day_of_month'



Sieve Diagram

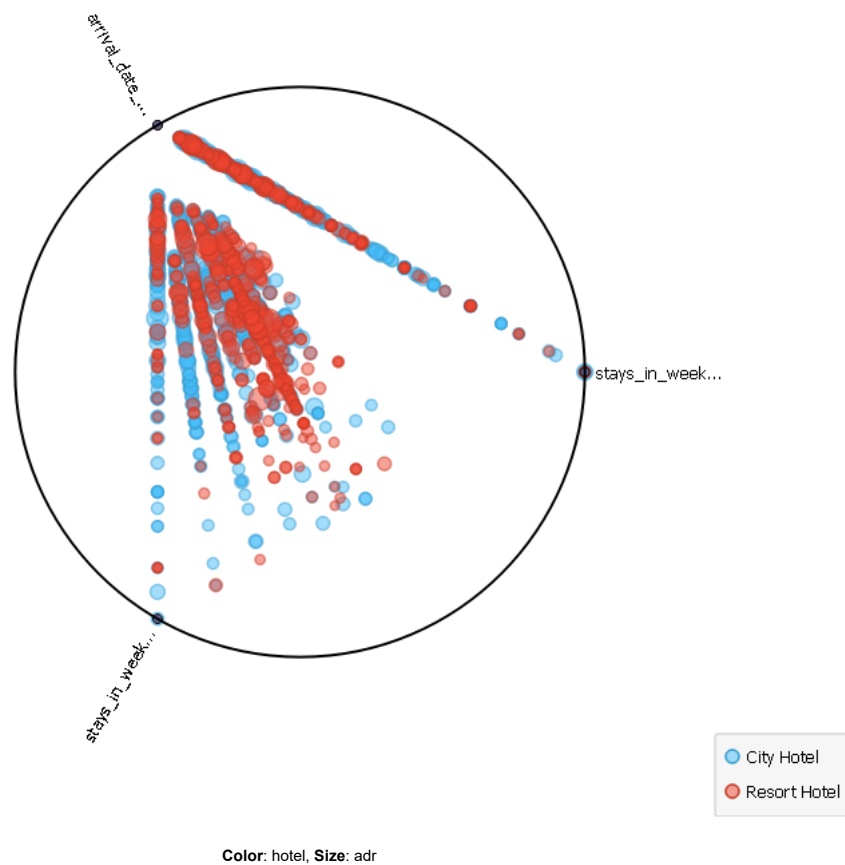
Sat Jun 04 22, 08:28:12



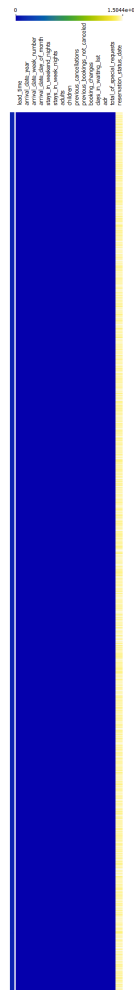




Projection: Circular Placement, Color: hotel, Shape: is_canceled, Size: lead_time



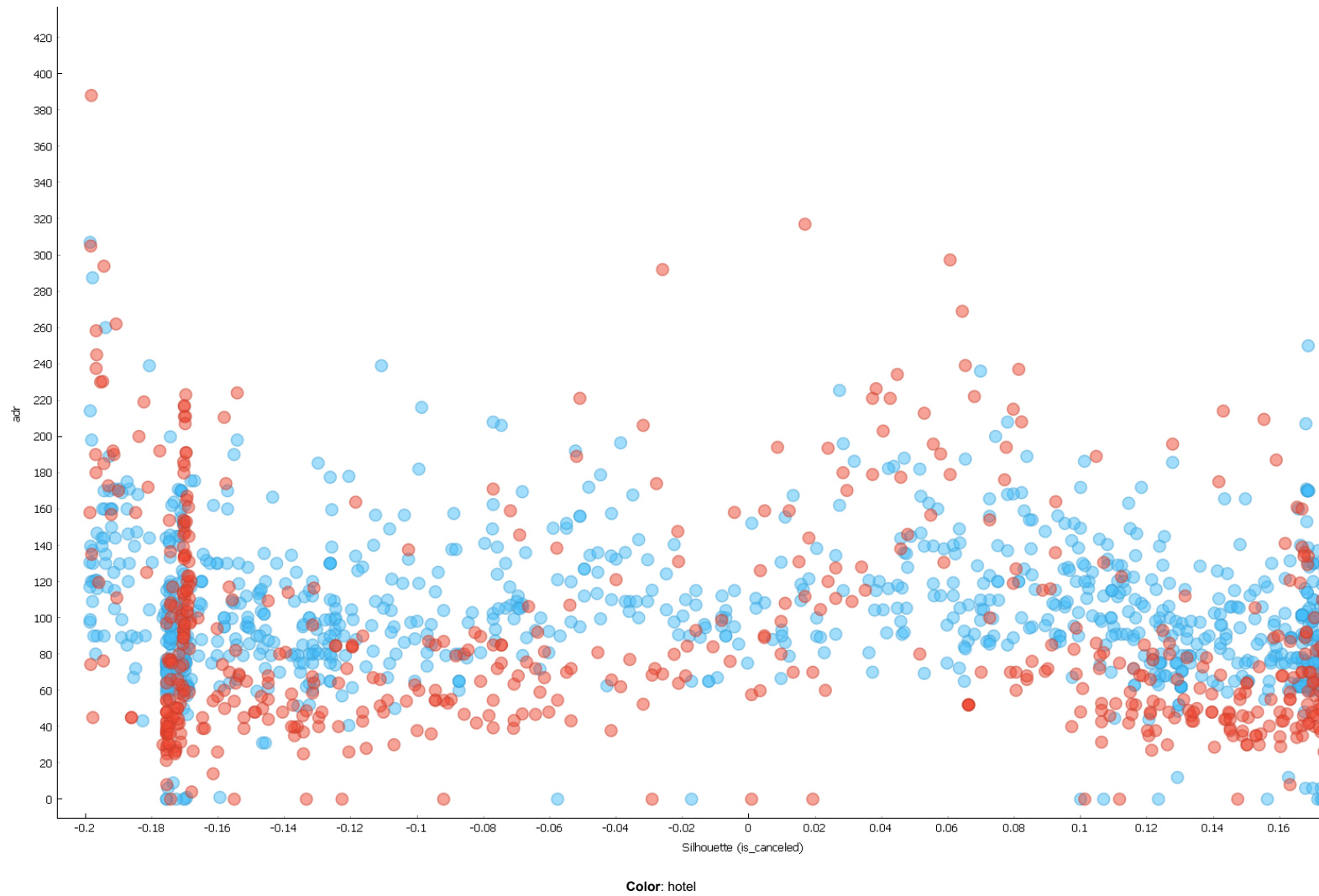
Columns:: No sorting
Rows:: No sorting





Silhouette plot (Euclidean distance), clustered by 'is_canceled'





Pearson correlation

1	+0.456	stays_in_week_nights	stays_in_weekend_nights
2	+0.321	adr	children
3	+0.320	adr	adults
4	+0.199	lead_time	stays_in_week_nights
5	+0.186	days_in_waiting_list	lead_time
6	+0.174	adr	total_of_special_requests
7	+0.163	previous_bookings_not_canceled	previous_cancellations
8	+0.158	adults	total_of_special_requests
9	+0.137	adults	lead_time
10	+0.133	lead_time	stays_in_weekend_nights
11	-0.129	adults	previous_bookings_not_canceled
12	+0.122	adults	stays_in_week_nights
13	+0.108	arrival_date_week_number	lead_time
14	+0.097	adults	stays_in_weekend_nights
15	-0.091	lead_time	total_of_special_requests
16	+0.088	previous_bookings_not_canceled	total_of_special_requests
17	-0.088	lead_time	previous_bookings_not_canceled
18	+0.084	adr	arrival_date_week_number
19	+0.084	lead_time	previous_cancellations
20	-0.084	adr	previous_bookings_not_canceled
21	-0.084	days_in_waiting_list	total_of_special_requests
22	-0.084	days_in_waiting_list	stays_in_weekend_nights
23	-0.083	adr	lead_time
24	+0.081	children	total_of_special_requests
25	+0.078	booking_changes	total_of_special_requests
26	-0.077	adr	previous_cancellations
27	+0.075	arrival_date_day_of_month	arrival_date_week_number
28	-0.073	arrival_date_day_of_month	stays_in_week_nights
29	-0.064	previous_bookings_not_canceled	stays_in_week_nights
30	+0.060	adr	arrival_date_day_of_month
31	-0.058	previous_bookings_not_canceled	stays_in_weekend_nights
32	+0.055	booking_changes	stays_in_week_nights
33	-0.055	adults	booking_changes
34	-0.053	arrival_date_week_number	previous_bookings_not_canceled
35	+0.052	stays_in_week_nights	total_of_special_requests
36	-0.050	arrival_date_day_of_month	stays_in_weekend_nights
37	+0.049	arrival_date_week_number	previous_cancellations
38	+0.048	adults	children
39	+0.046	arrival_date_week_number	total_of_special_requests
40	+0.045	arrival_date_week_number	days_in_waiting_list
41	-0.043	adr	days_in_waiting_list
42	-0.042	children	lead_time
43	-0.042	previous_cancellations	total_of_special_requests
44	+0.041	booking_changes	children
45	+0.037	adr	stays_in_weekend_nights
46	-0.037	booking_changes	days_in_waiting_list
47	-0.034	booking_changes	lead_time
48	+0.034	children	stays_in_week_nights
49	-0.032	children	days_in_waiting_list
50	-0.031	arrival_date_day_of_month	previous_cancellations
51	-0.029	booking_changes	previous_cancellations
52	-0.025	children	previous_bookings_not_canceled
53	+0.024	adr	booking_changes
54	+0.024	adr	stays_in_week_nights
55	-0.024	children	previous_cancellations
56	-0.024	arrival_date_week_number	children
57	+0.023	arrival_date_week_number	stays_in_weekend_nights
58	+0.020	stays_in_weekend_nights	total_of_special_requests
59	-0.016	previous_cancellations	stays_in_week_nights
60	+0.015	previous_cancellations	stays_in_weekend_nights
61	+0.015	arrival_date_day_of_month	booking_changes
62	+0.015	booking_changes	stays_in_weekend_nights
63	-0.014	days_in_waiting_list	previous_bookings_not_canceled
64	+0.013	adults	arrival_date_week_number
65	-0.012	adults	arrival_date_day_of_month
66	+0.012	arrival_date_day_of_month	days_in_waiting_list
67	+0.010	arrival_date_day_of_month	lead_time
68	+0.009	days_in_waiting_list	stays_in_week_nights
69	+0.007	booking_changes	previous_bookings_not_canceled
70	+0.005	arrival_date_week_number	stays_in_week_nights
71	-0.005	arrival_date_day_of_month	total_of_special_requests
72	+0.004	adults	previous_cancellations
73	-0.004	arrival_date_day_of_month	previous_bookings_not_canceled
74	-0.003	arrival_date_day_of_month	children
75	+0.003	days_in_waiting_list	previous_cancellations
76	-0.001	arrival_date_week_number	booking_changes

77	+0.001	children	stays_in_weekend_nights
78	-0.000	adults	days_in_waiting_list