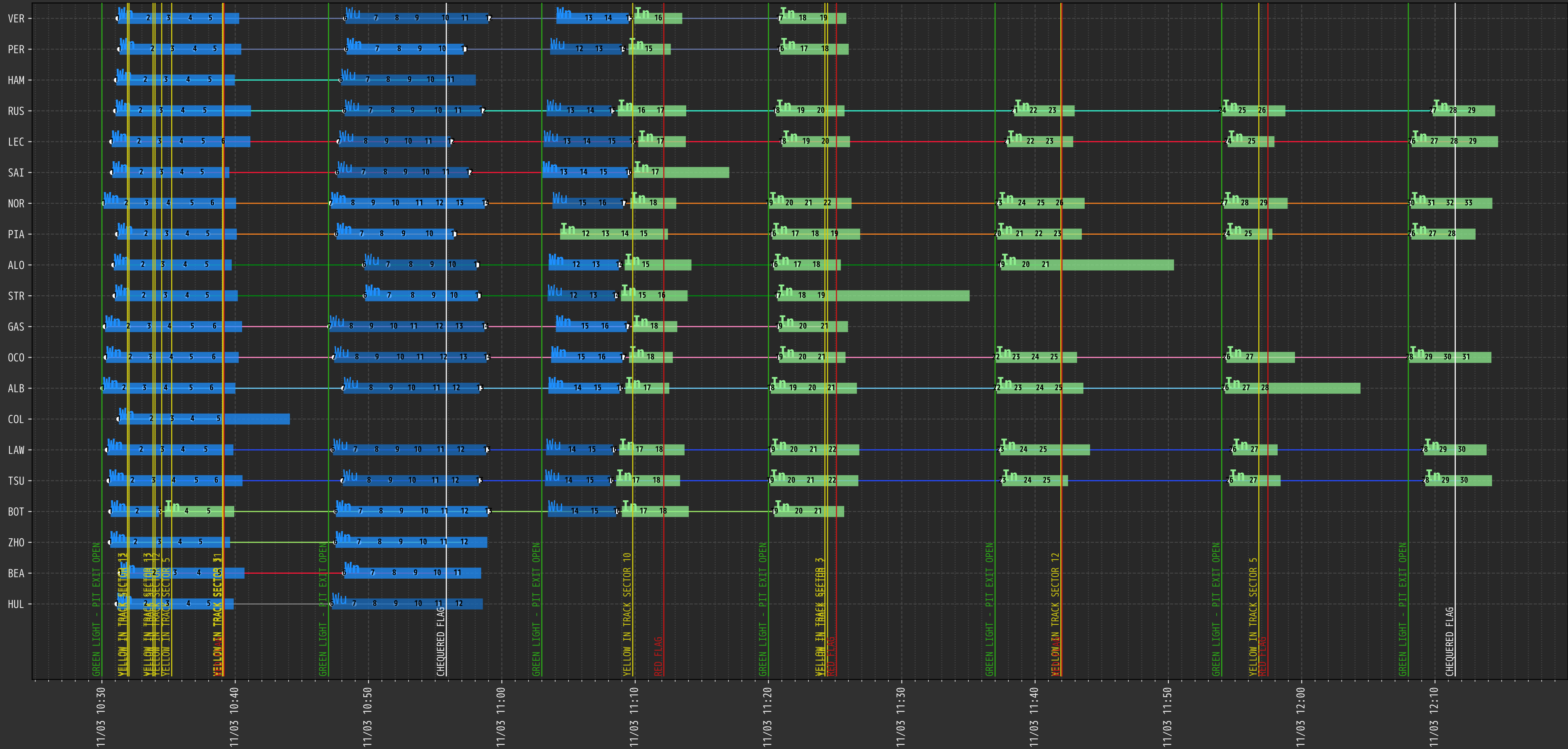
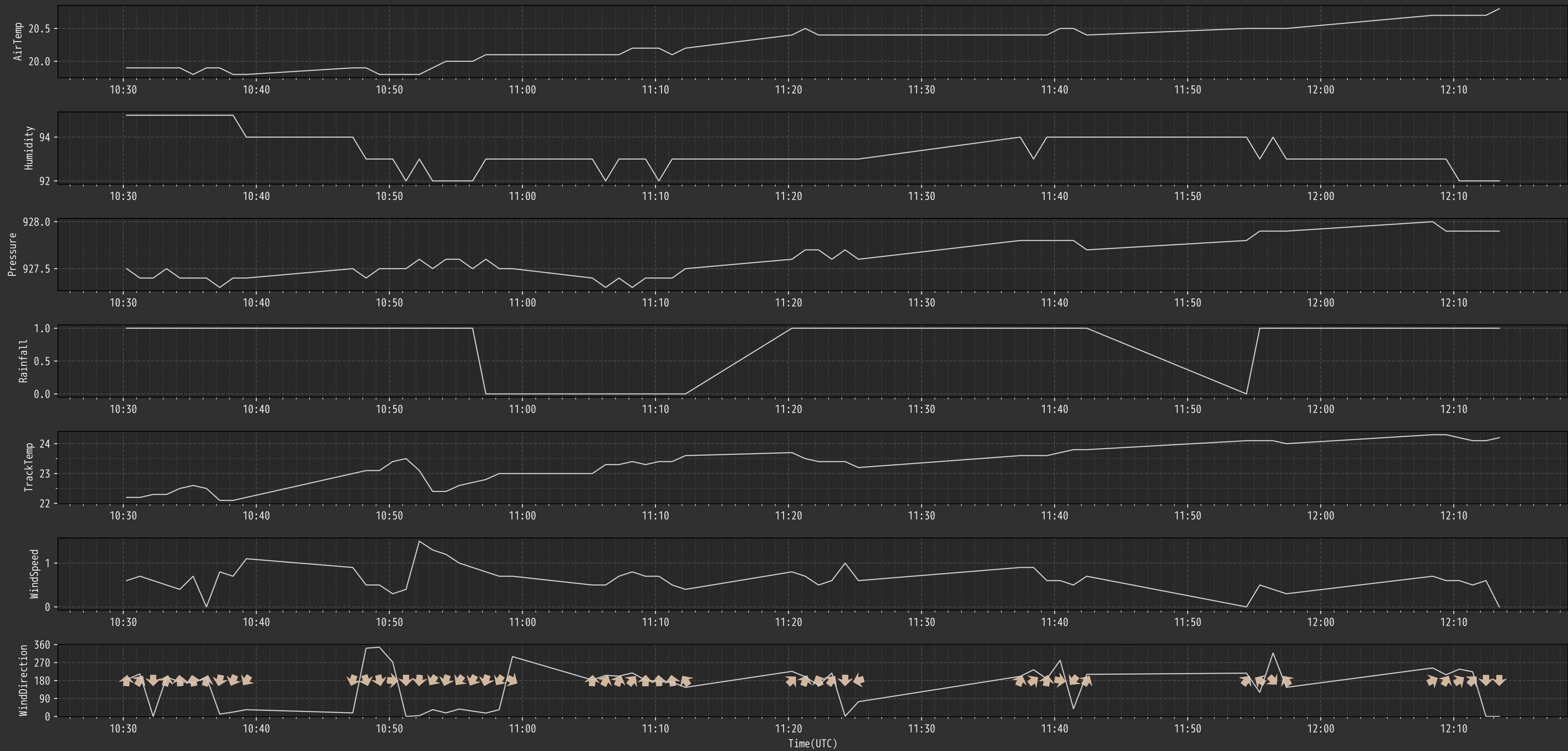


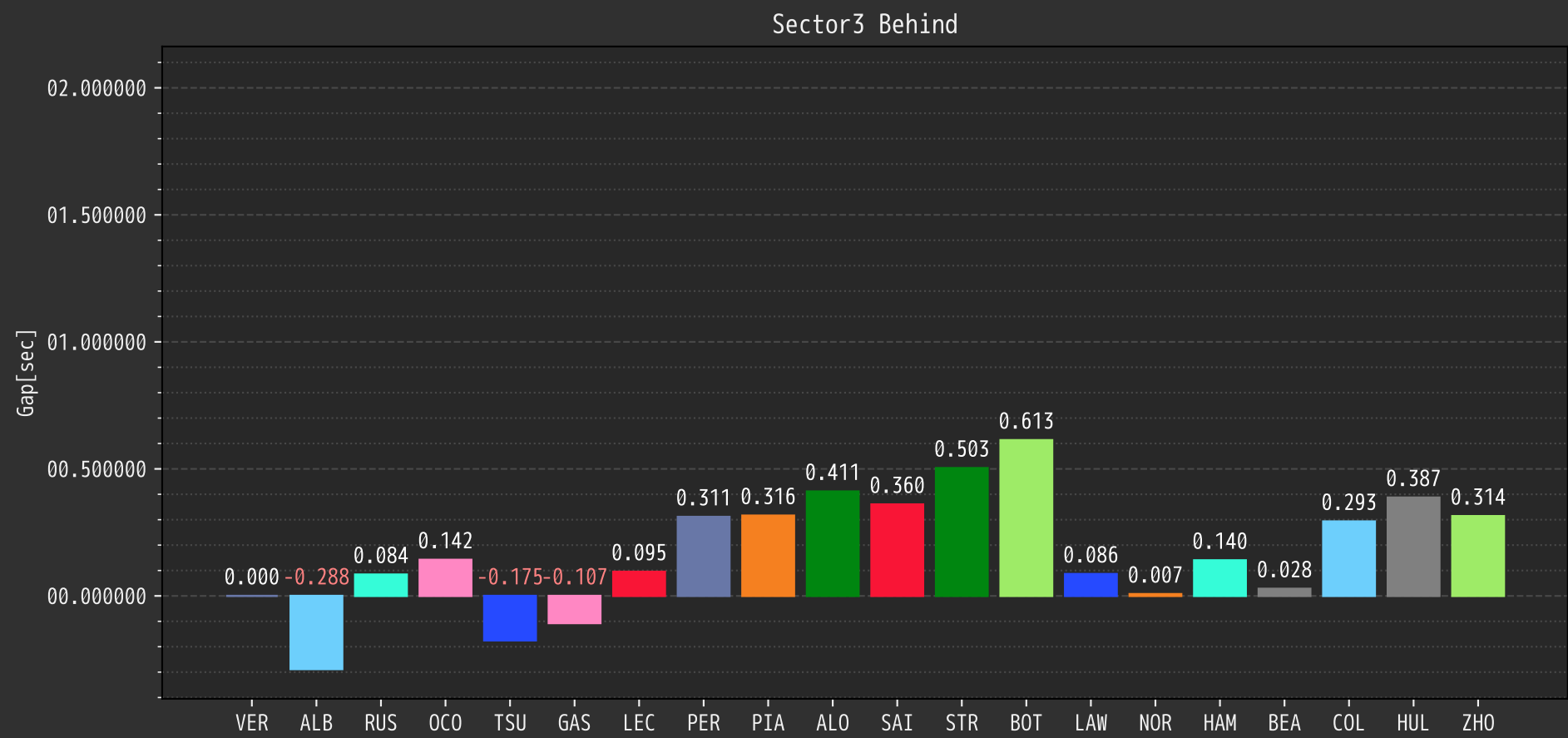
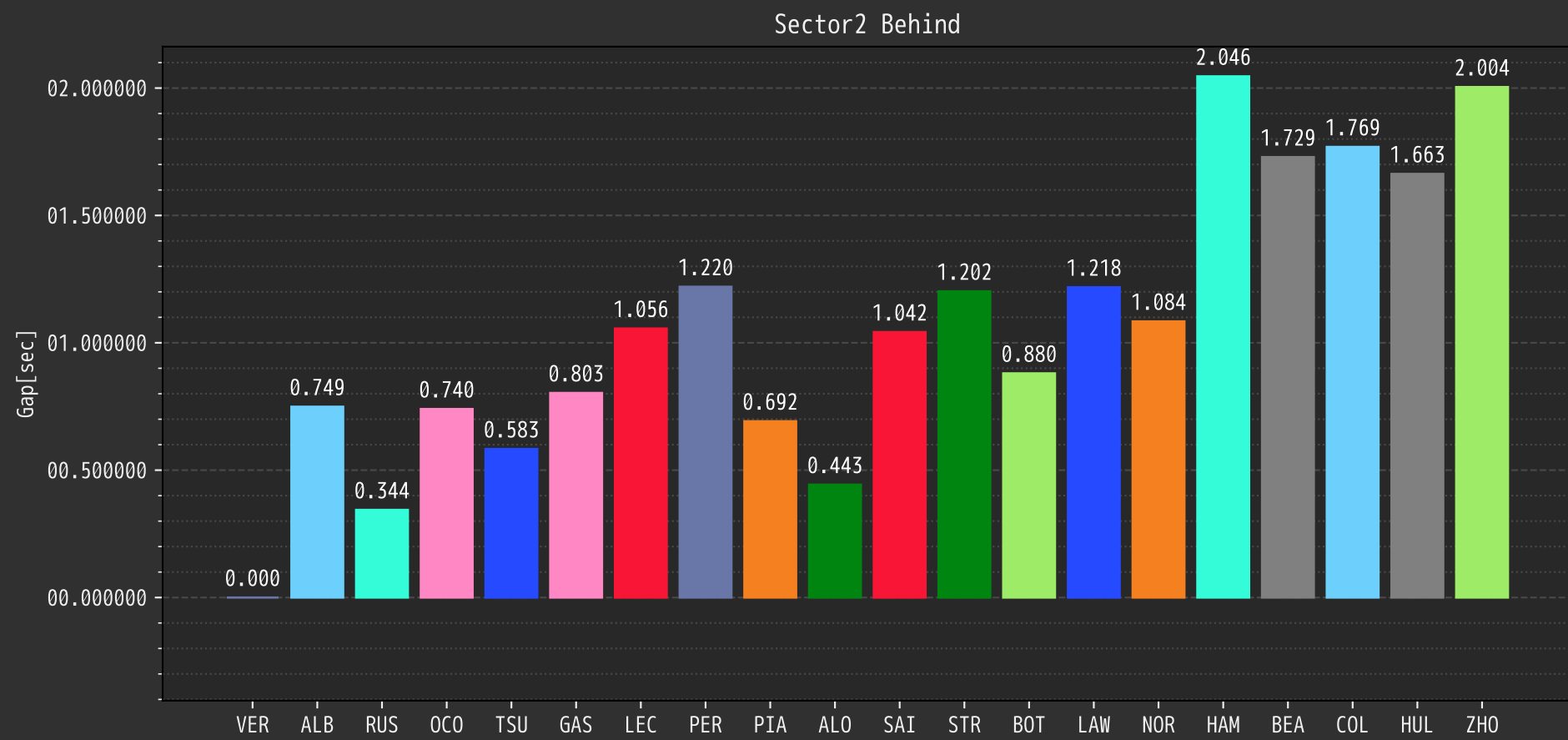
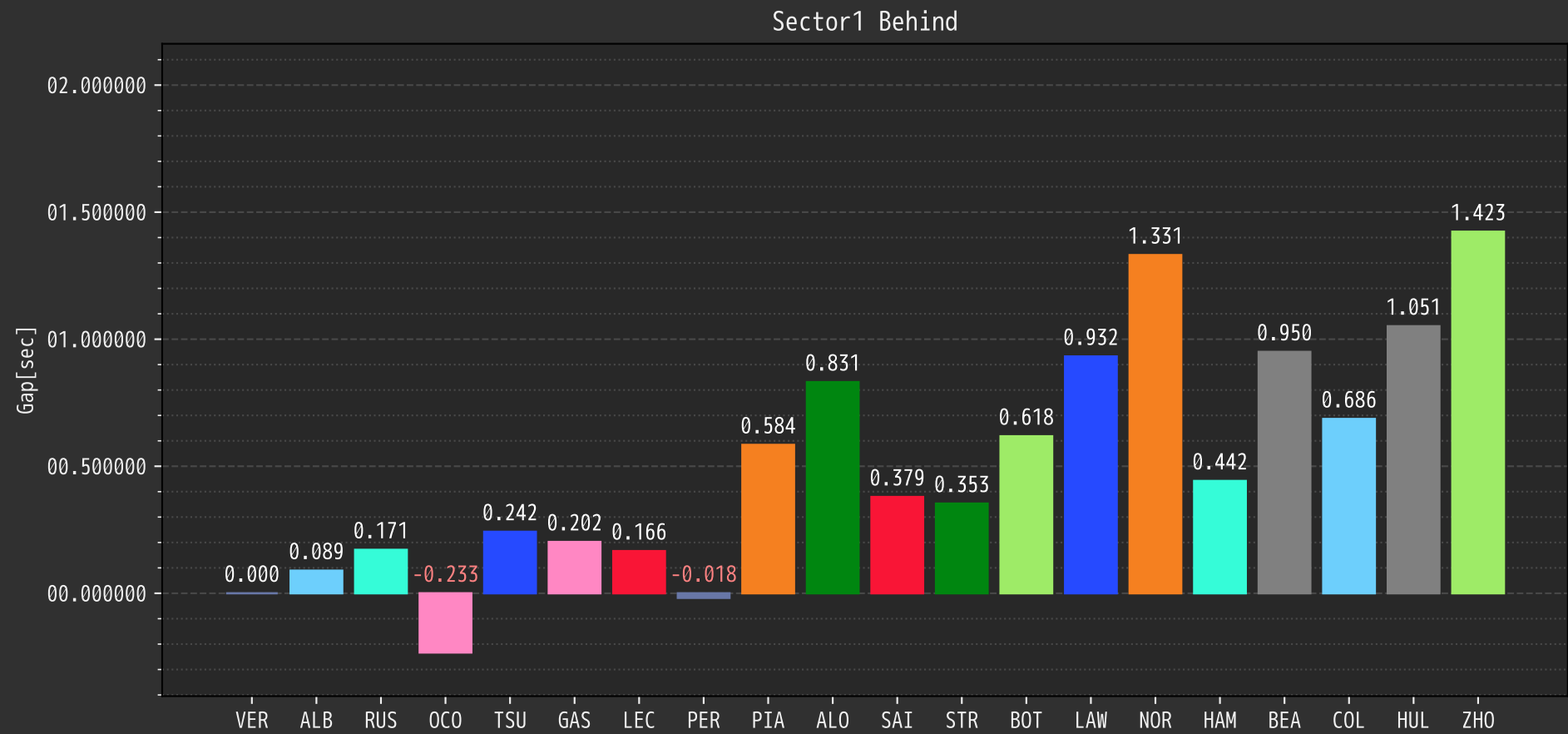
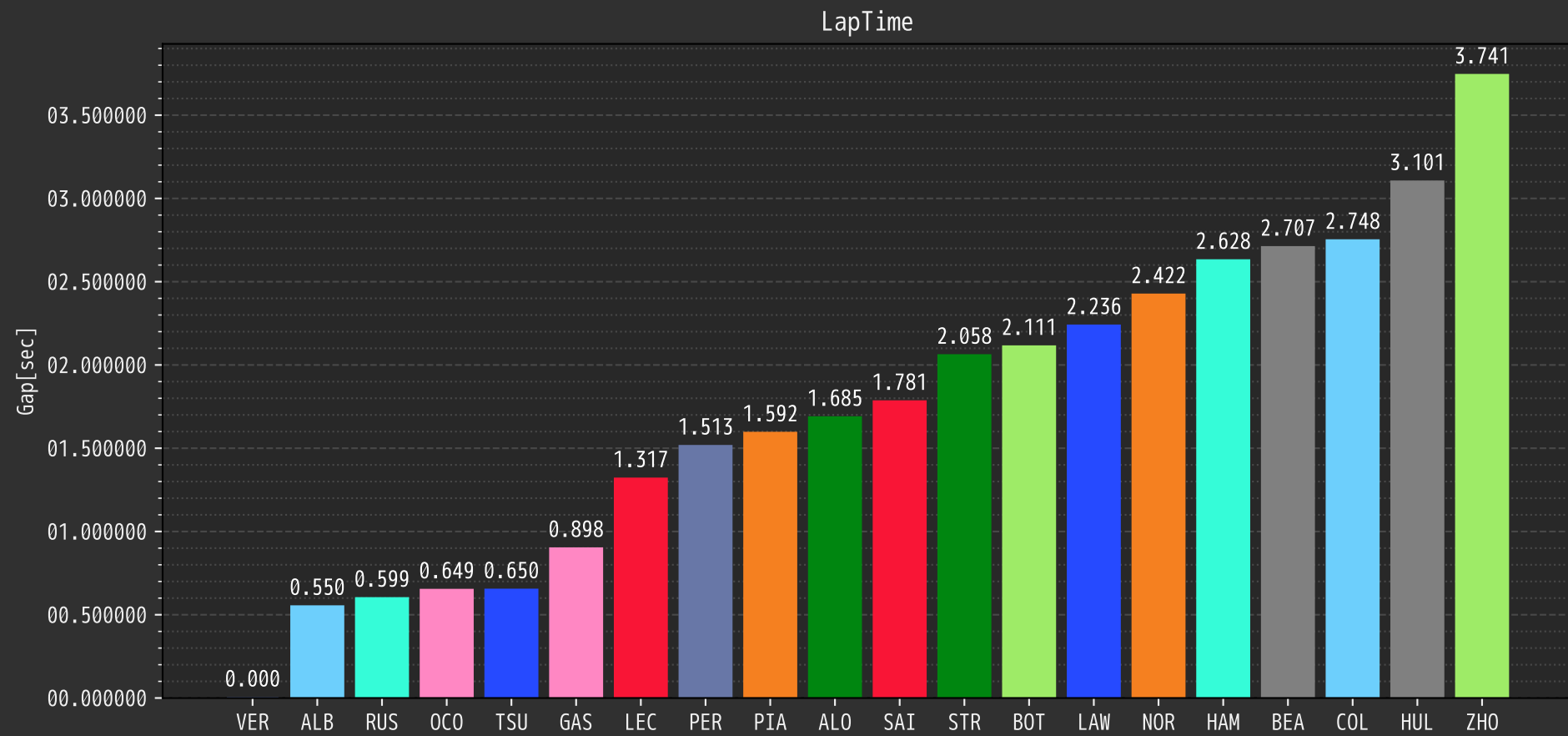
2024 Rd21 São Paulo Grand Prix Q Tyre Chart



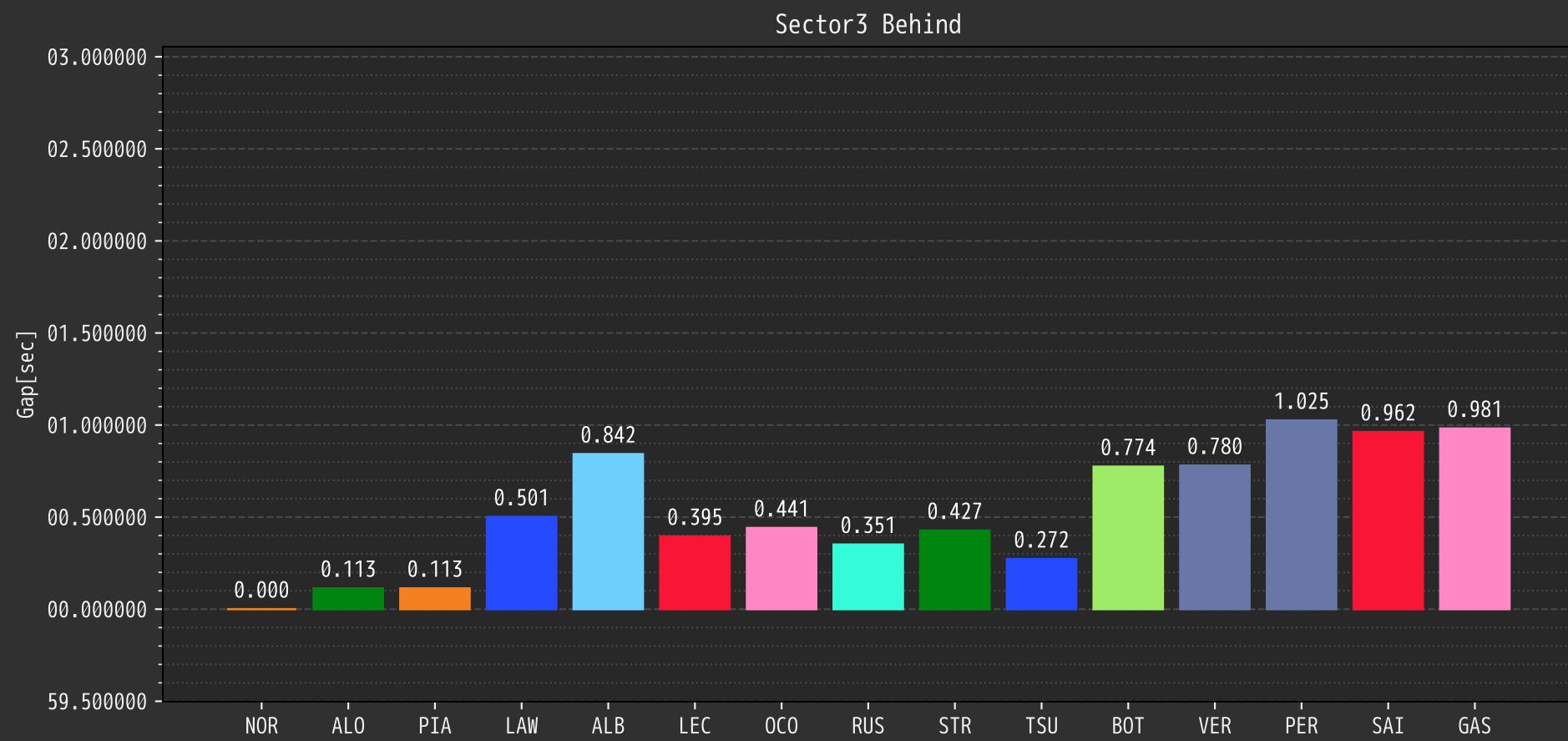
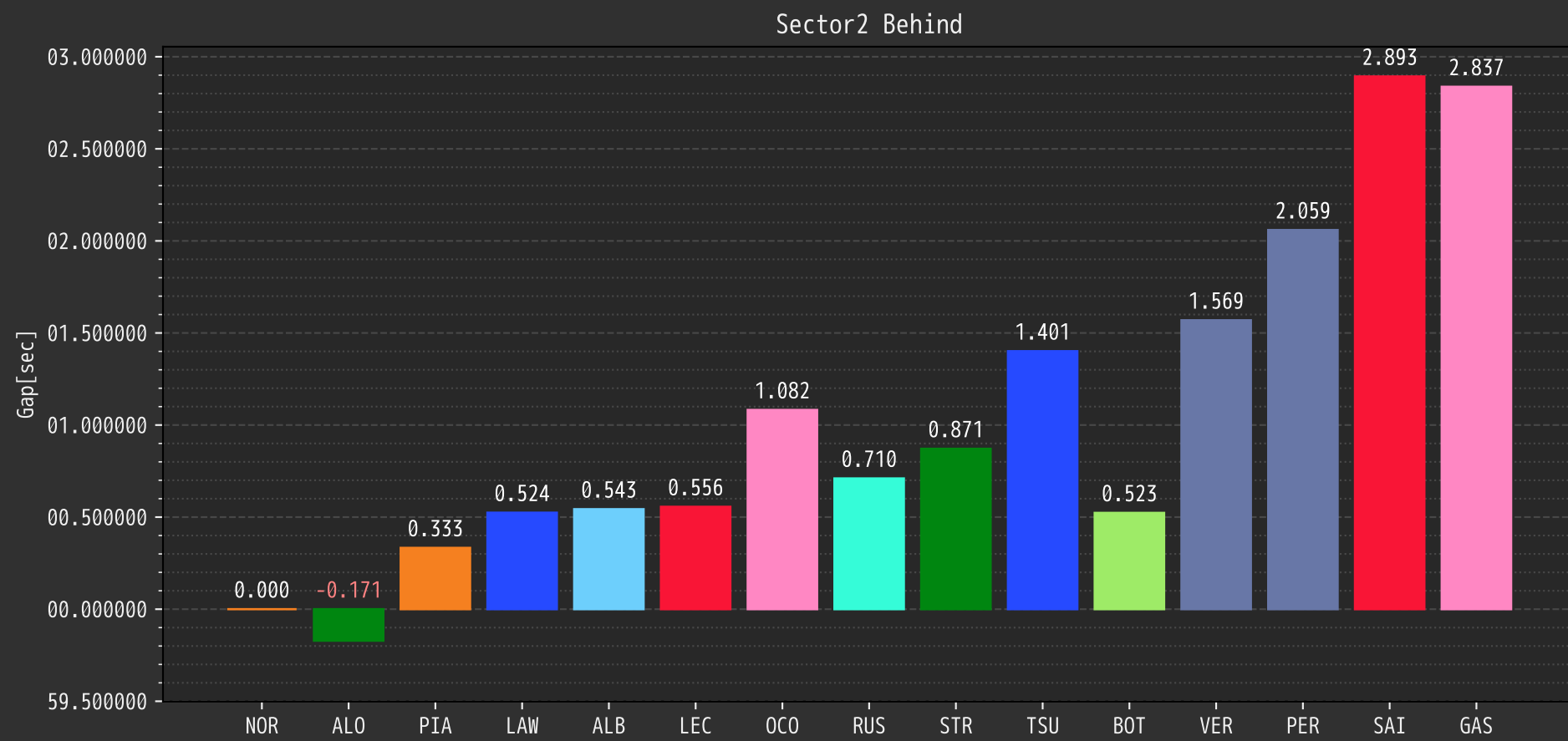
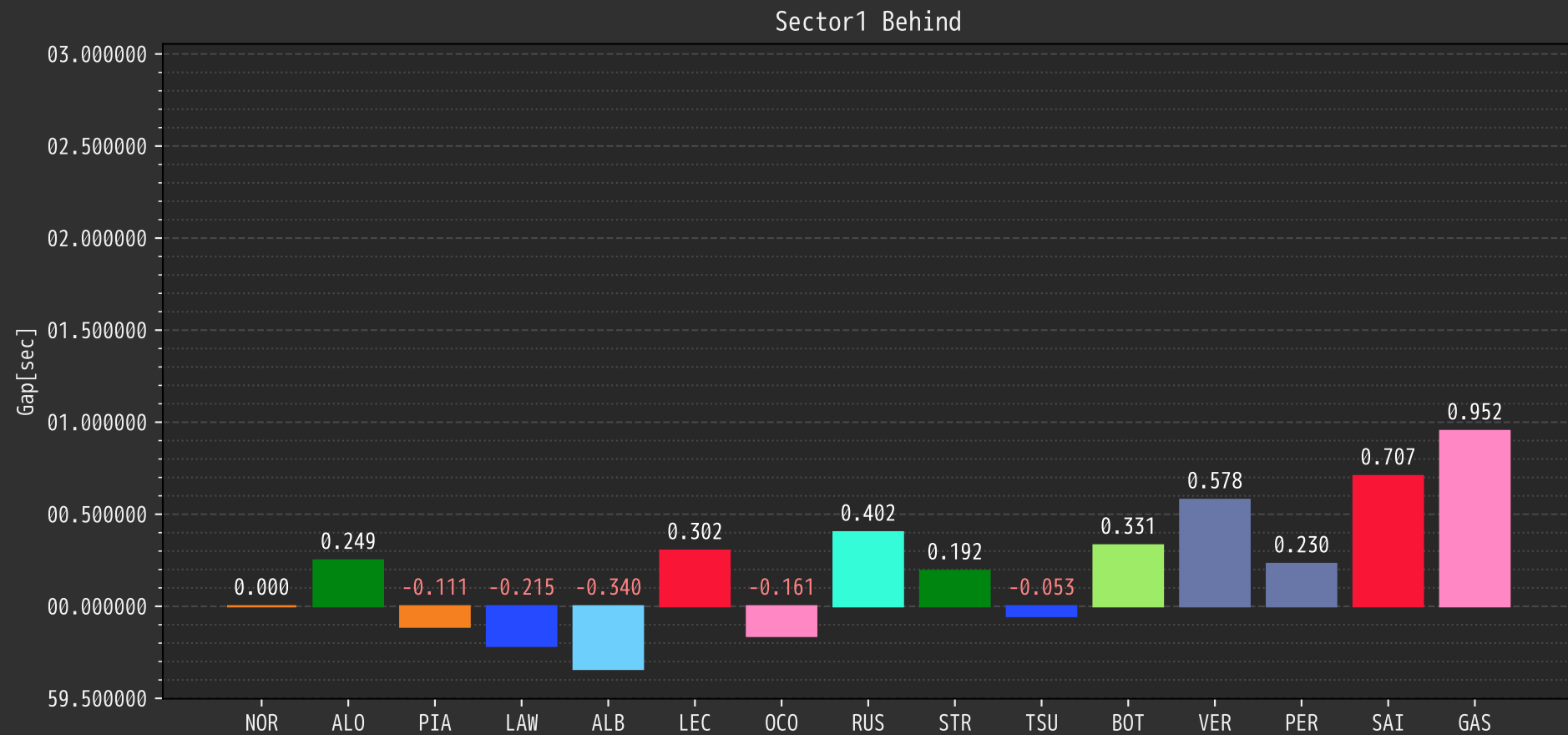
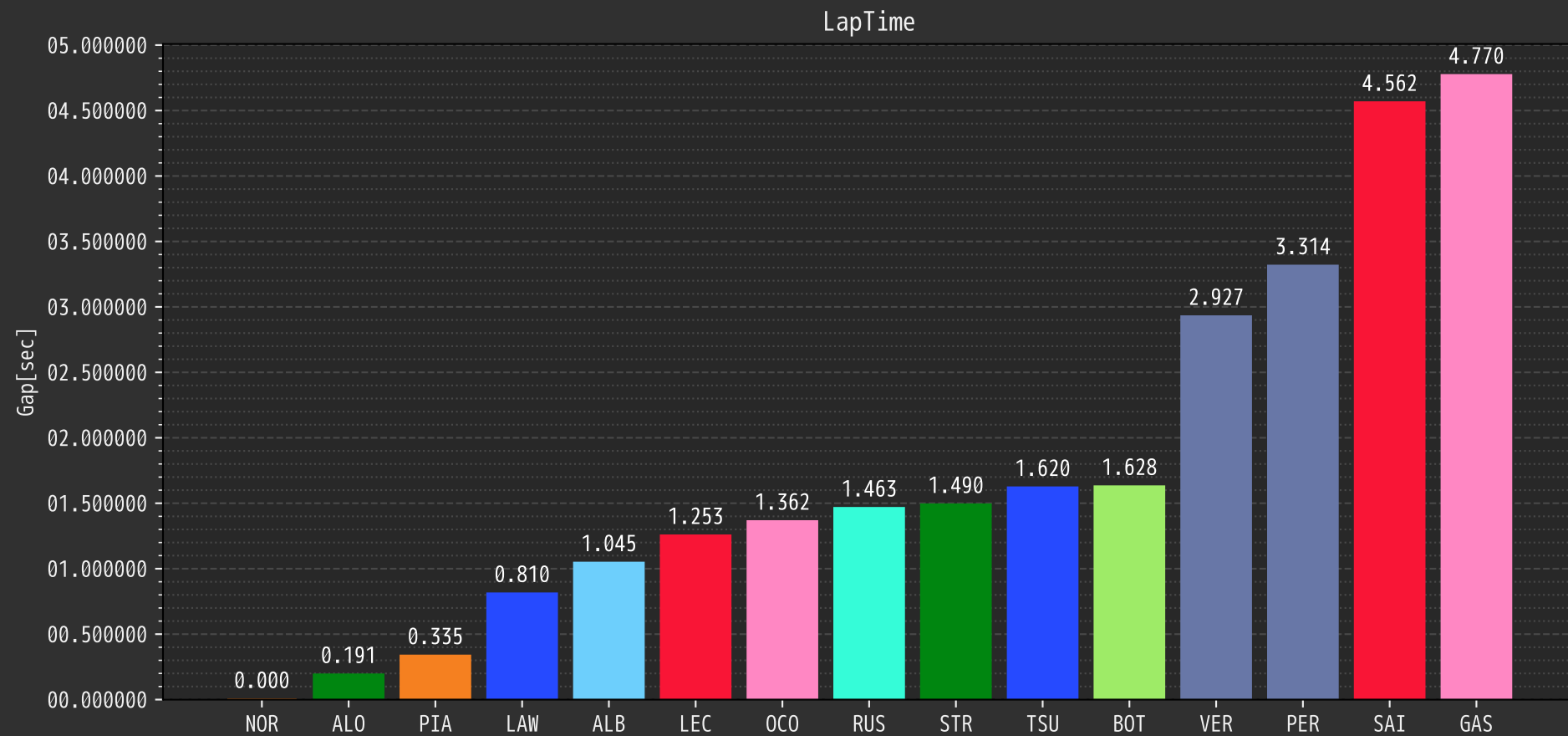
2024 Rd21 São Paulo Grand Prix Qualifying Weather Data



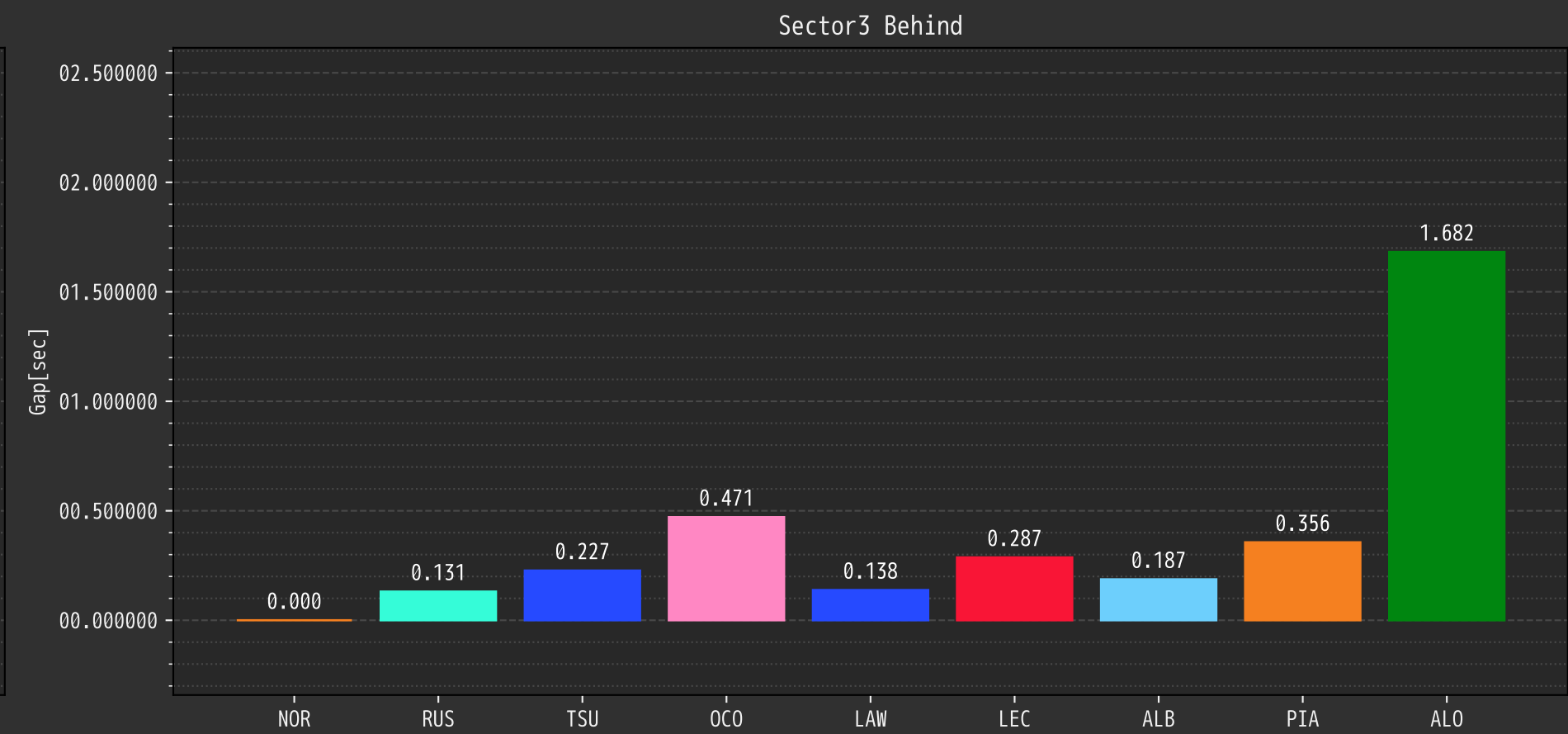
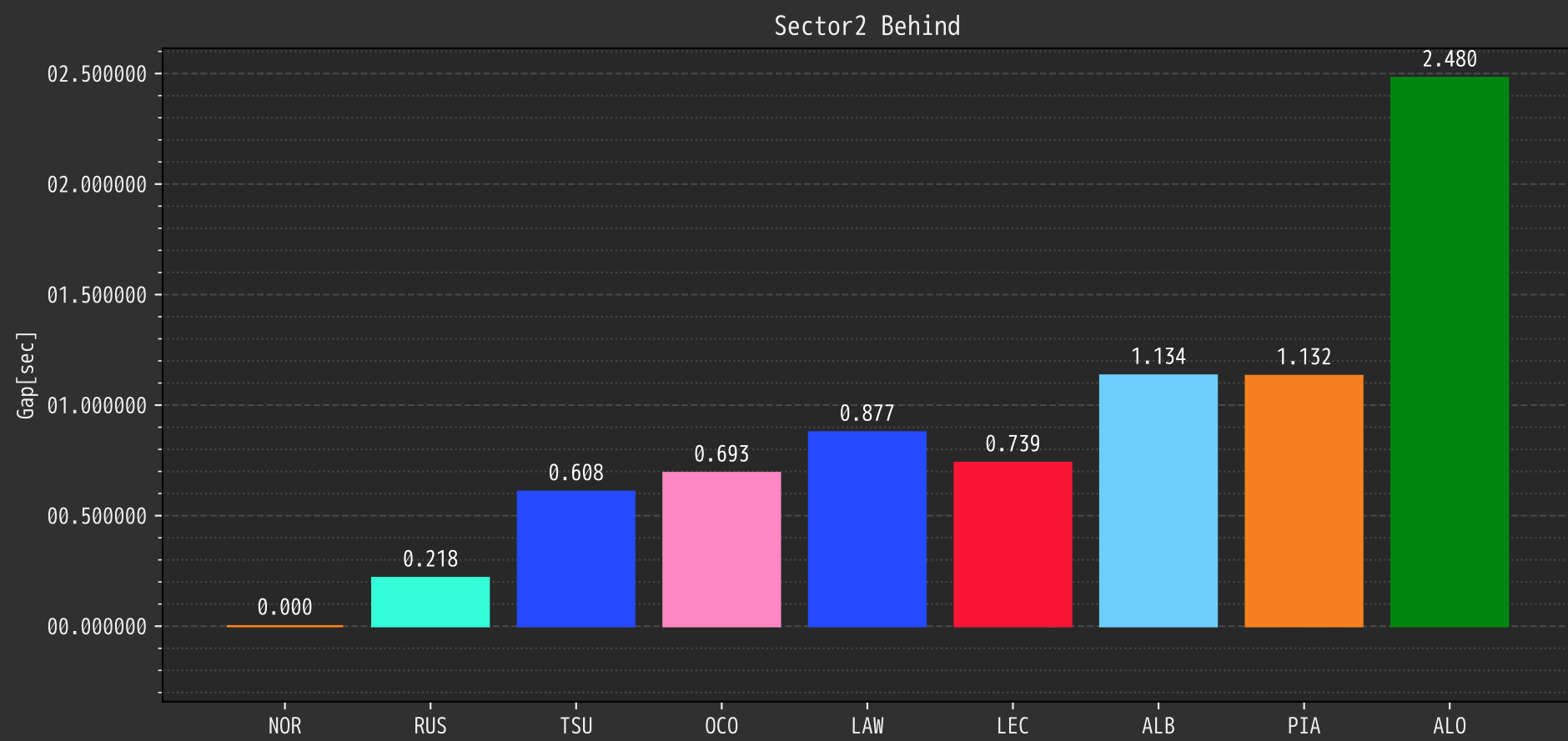
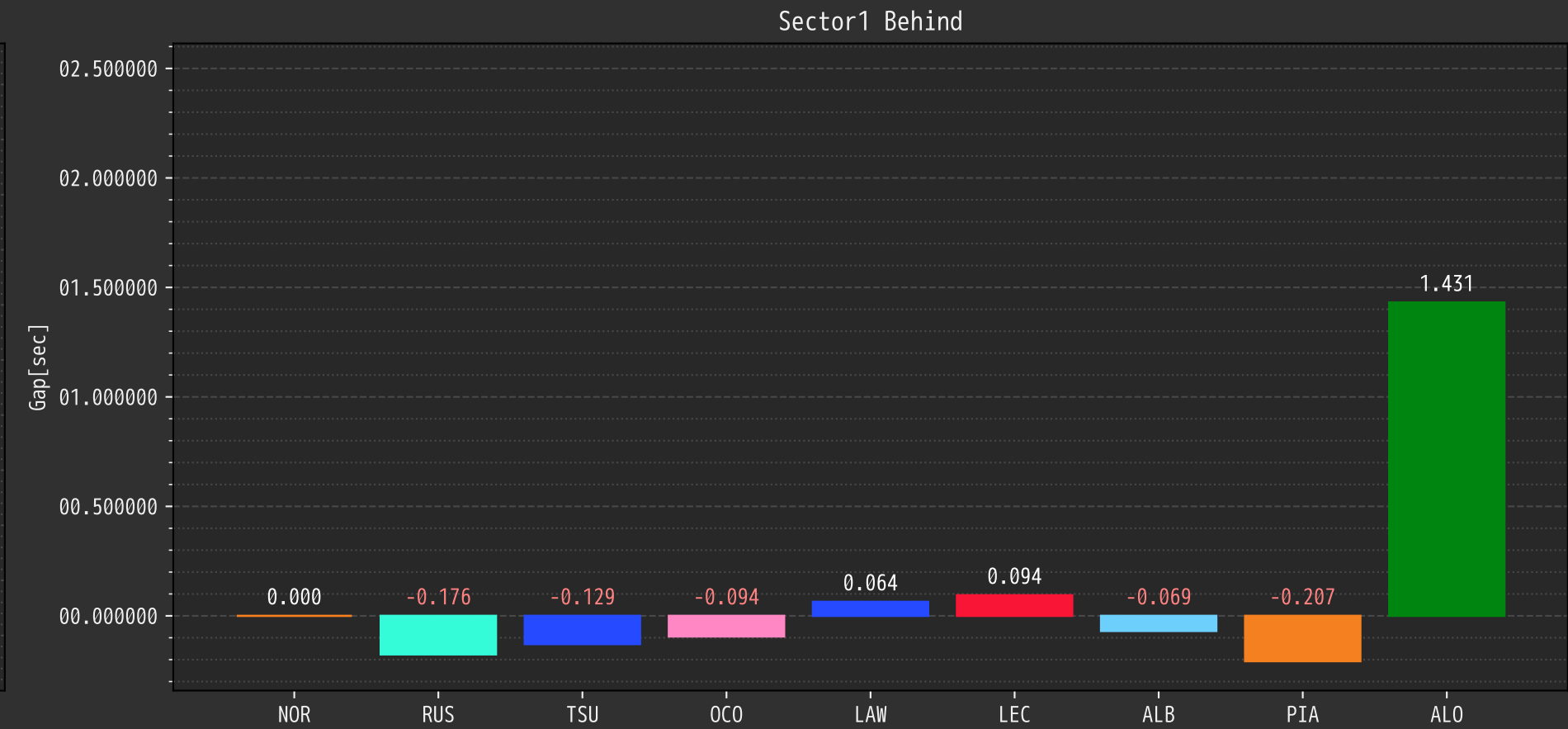
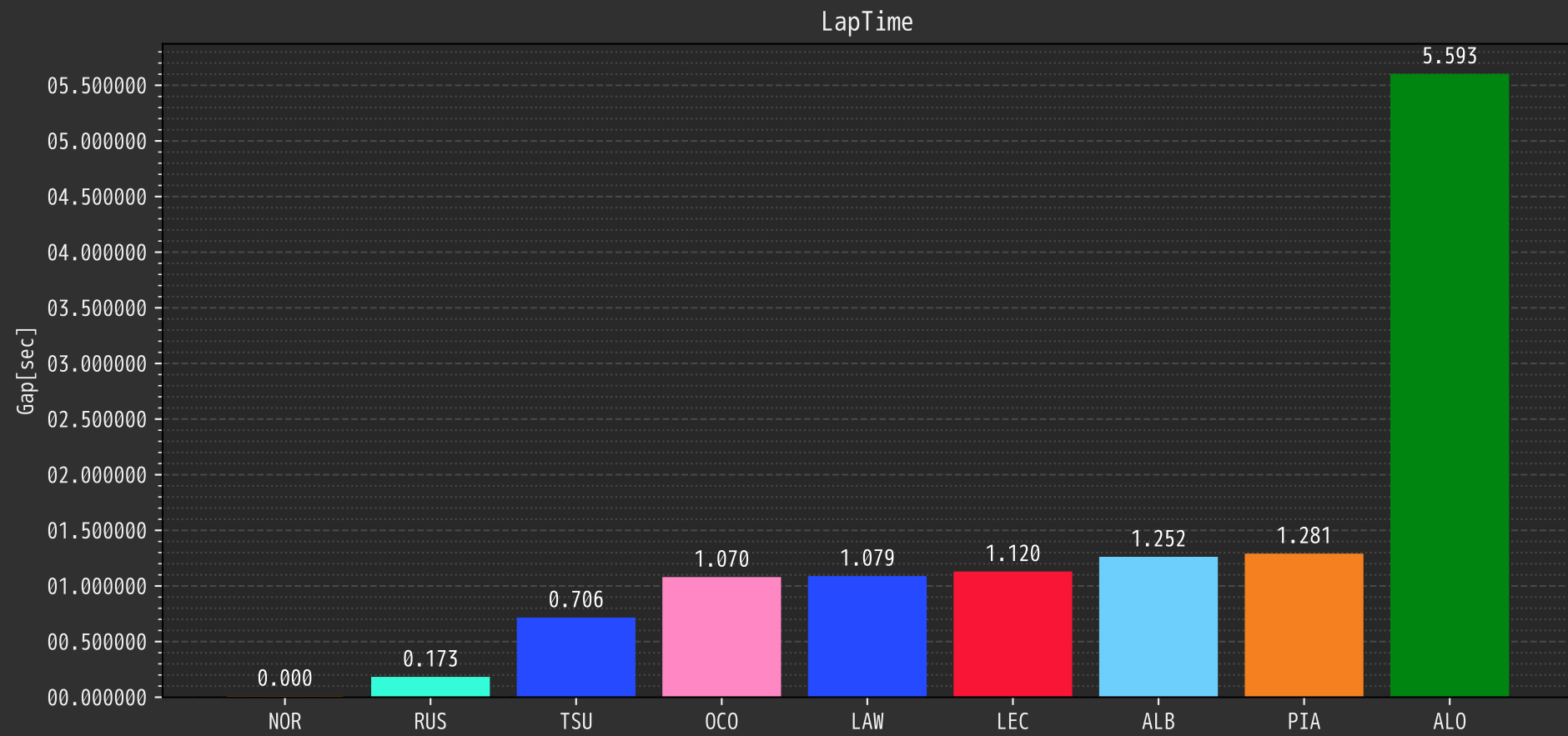
2024 Rd21 São Paulo Grand Prix Qualifying Q1  
Fastest Lap: 01:28.522 (VER)



2024 Rd21 São Paulo Grand Prix Qualifying Q2  
Fastest Lap: 01:24.844 (NOR)

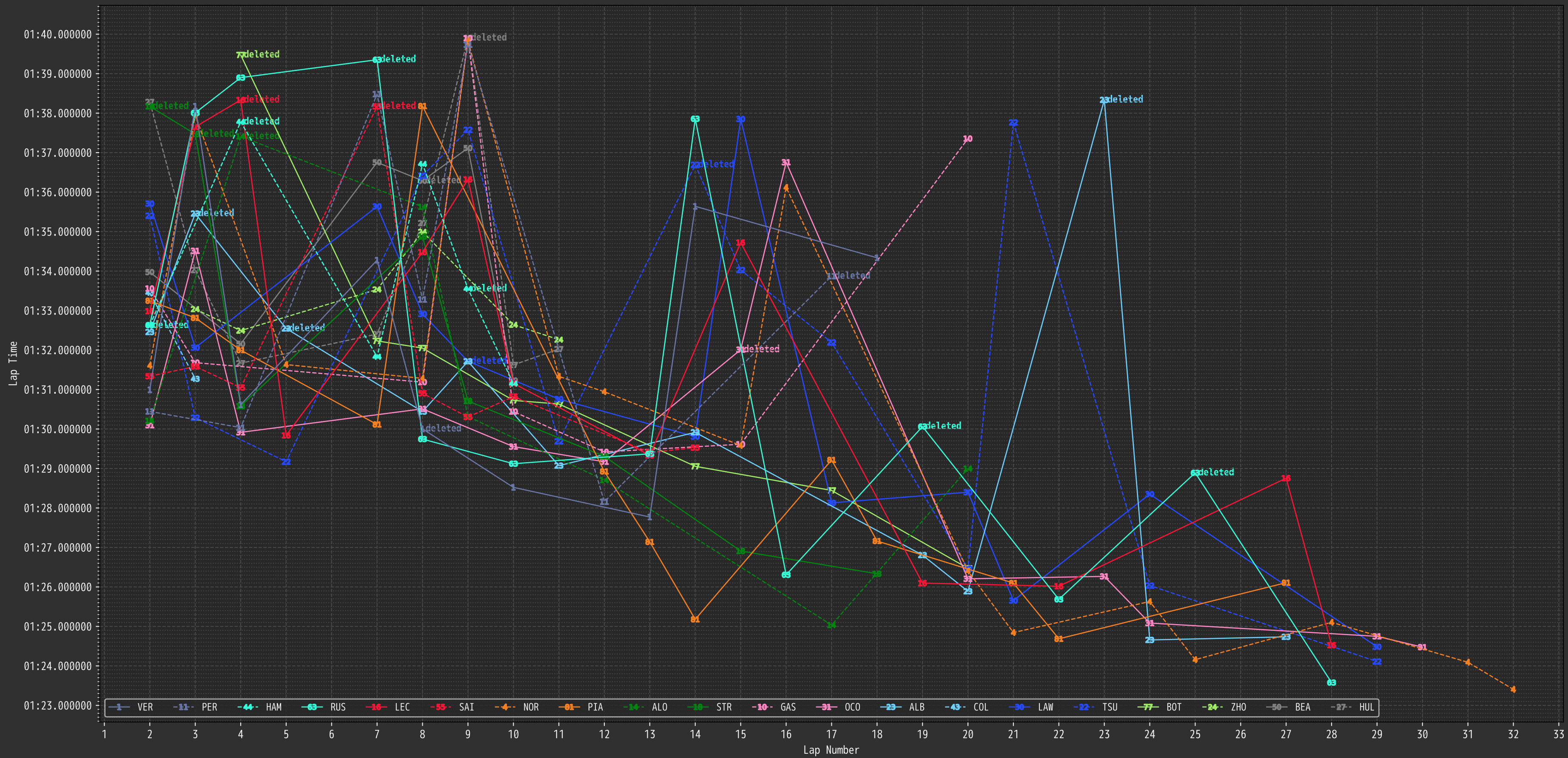


2024 Rd21 São Paulo Grand Prix Qualifying Q3  
Fastest Lap: 01:23.405 (NOR)



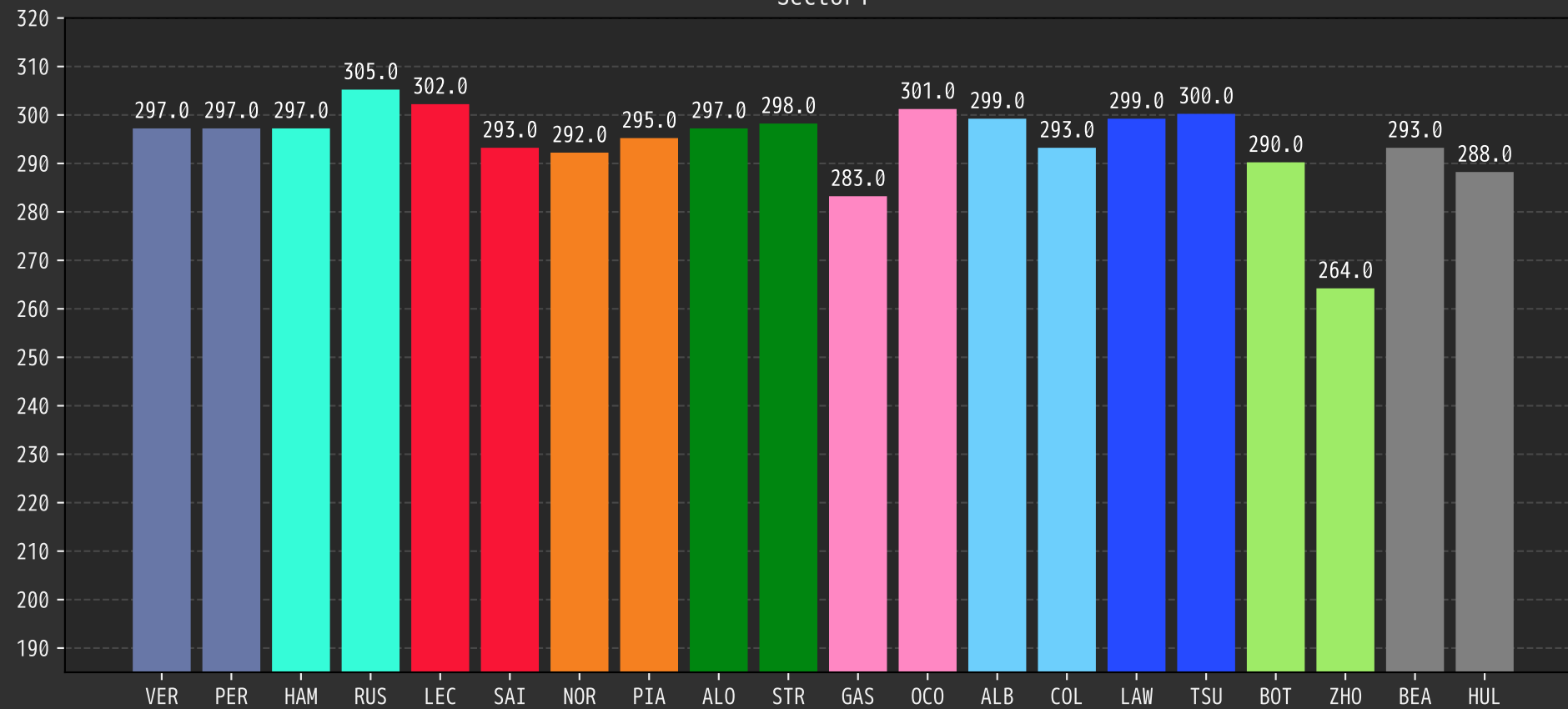


2024 Rd21 São Paulo Grand Prix Qualifying ラップタイム  
(1:40.000までのタイムを抽出)

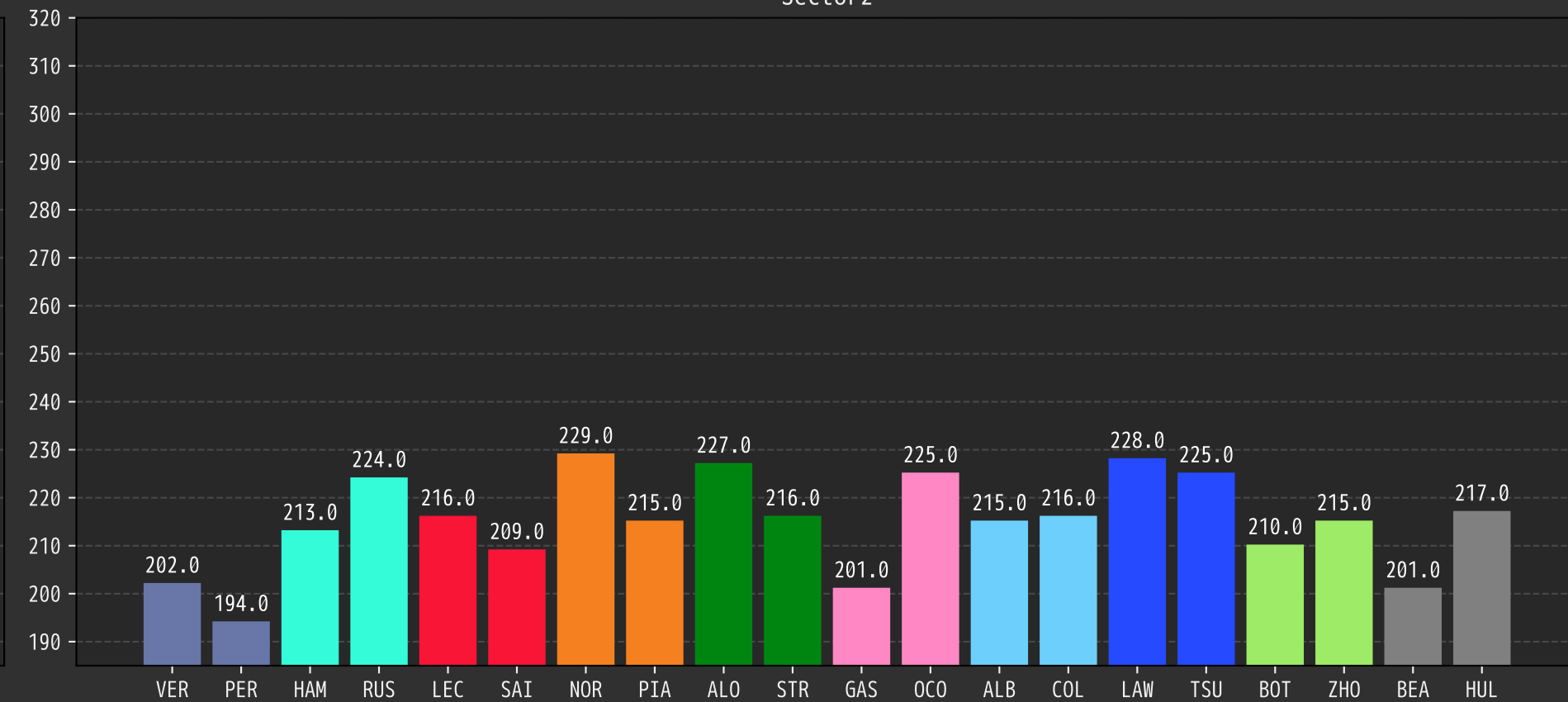


# 2024 Rd21 São Paulo Grand Prix Qualifying Fastest Lap Speed[Km/h]

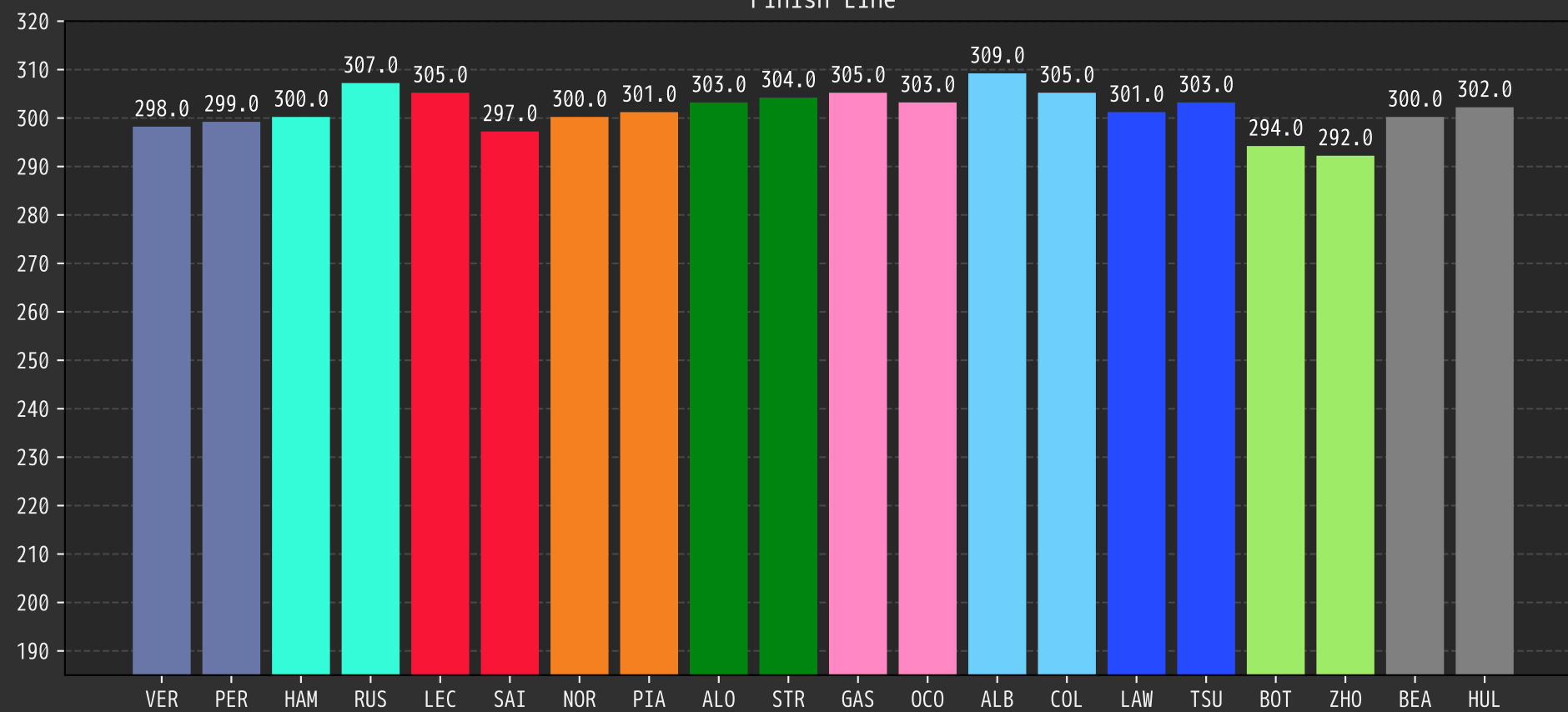
## Sector1



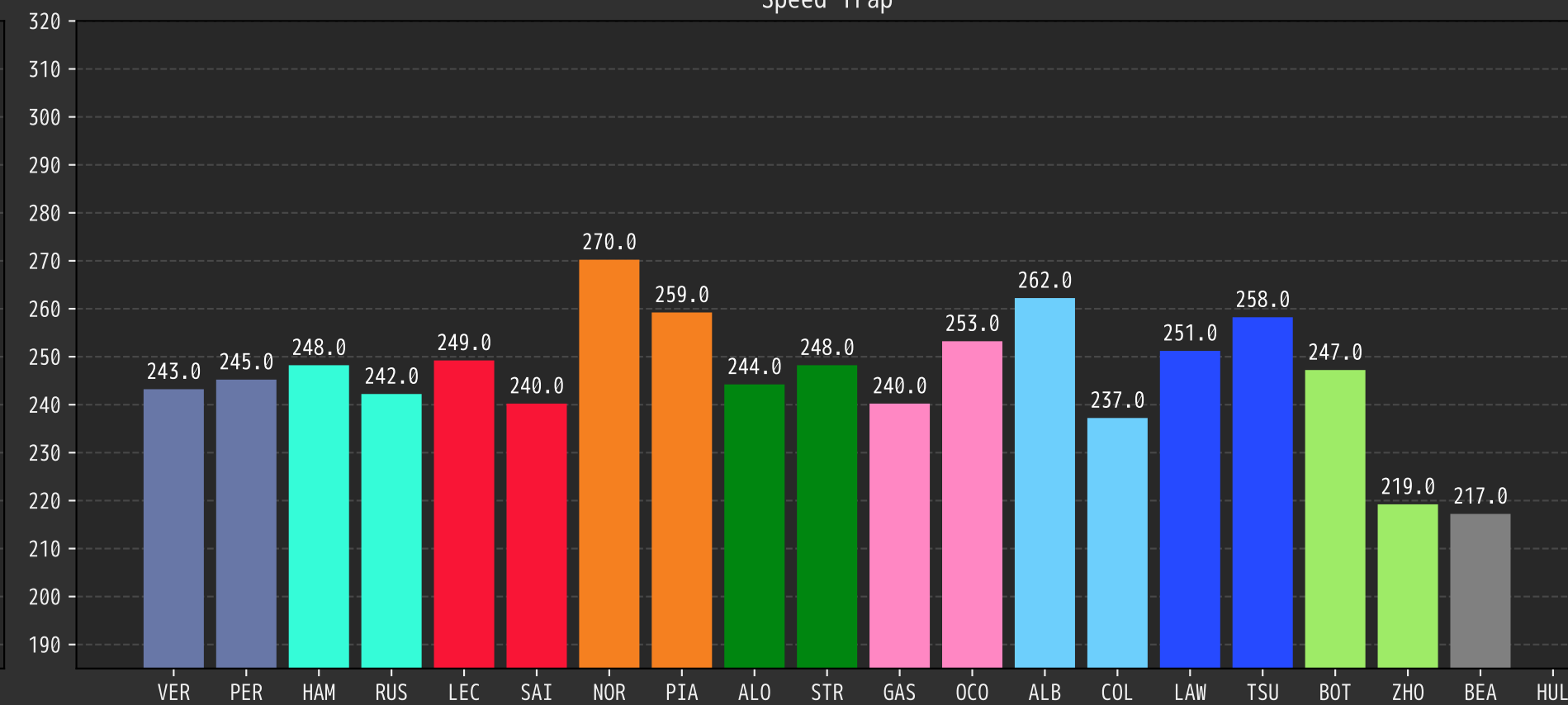
## Sector2



## Finish Line



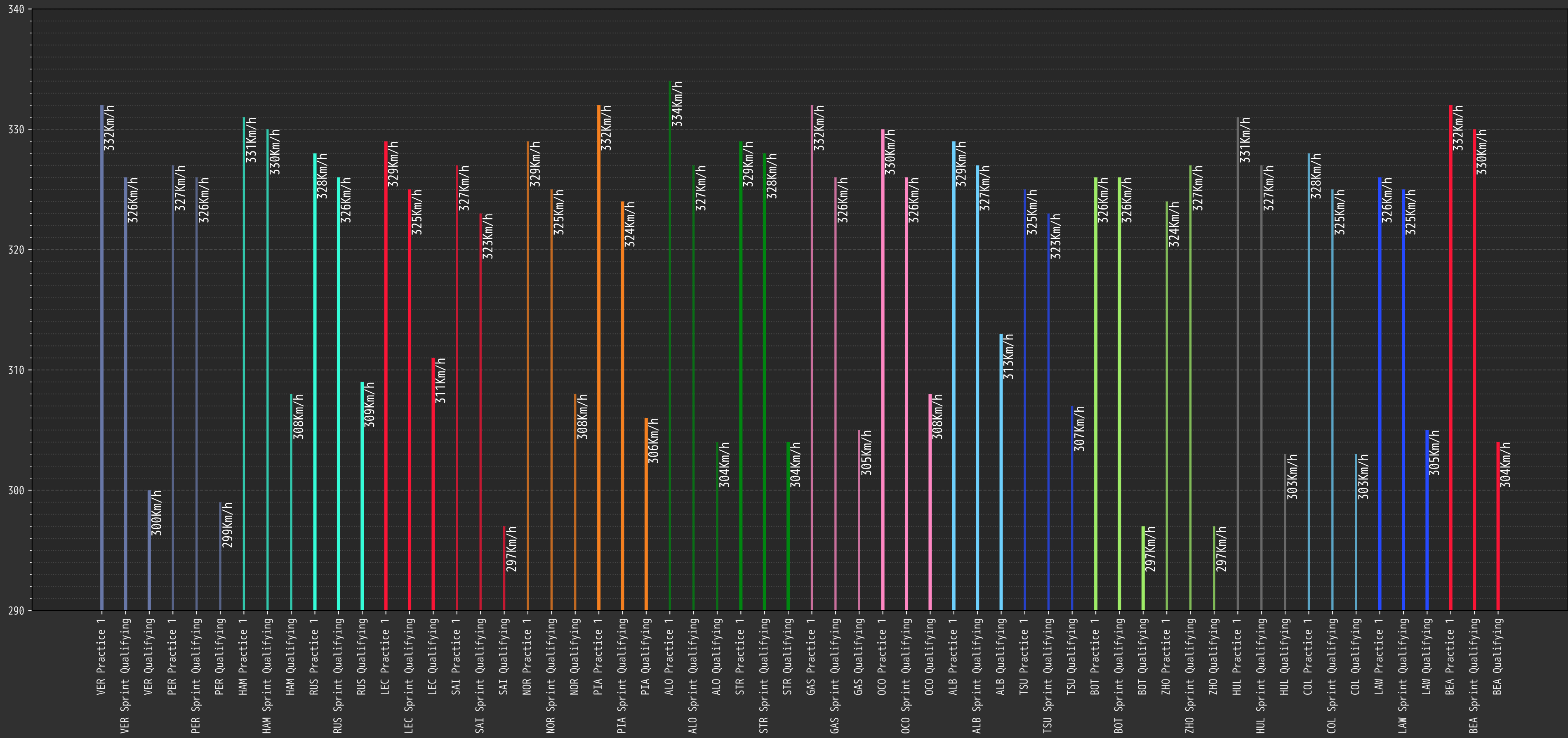
## Speed Trap



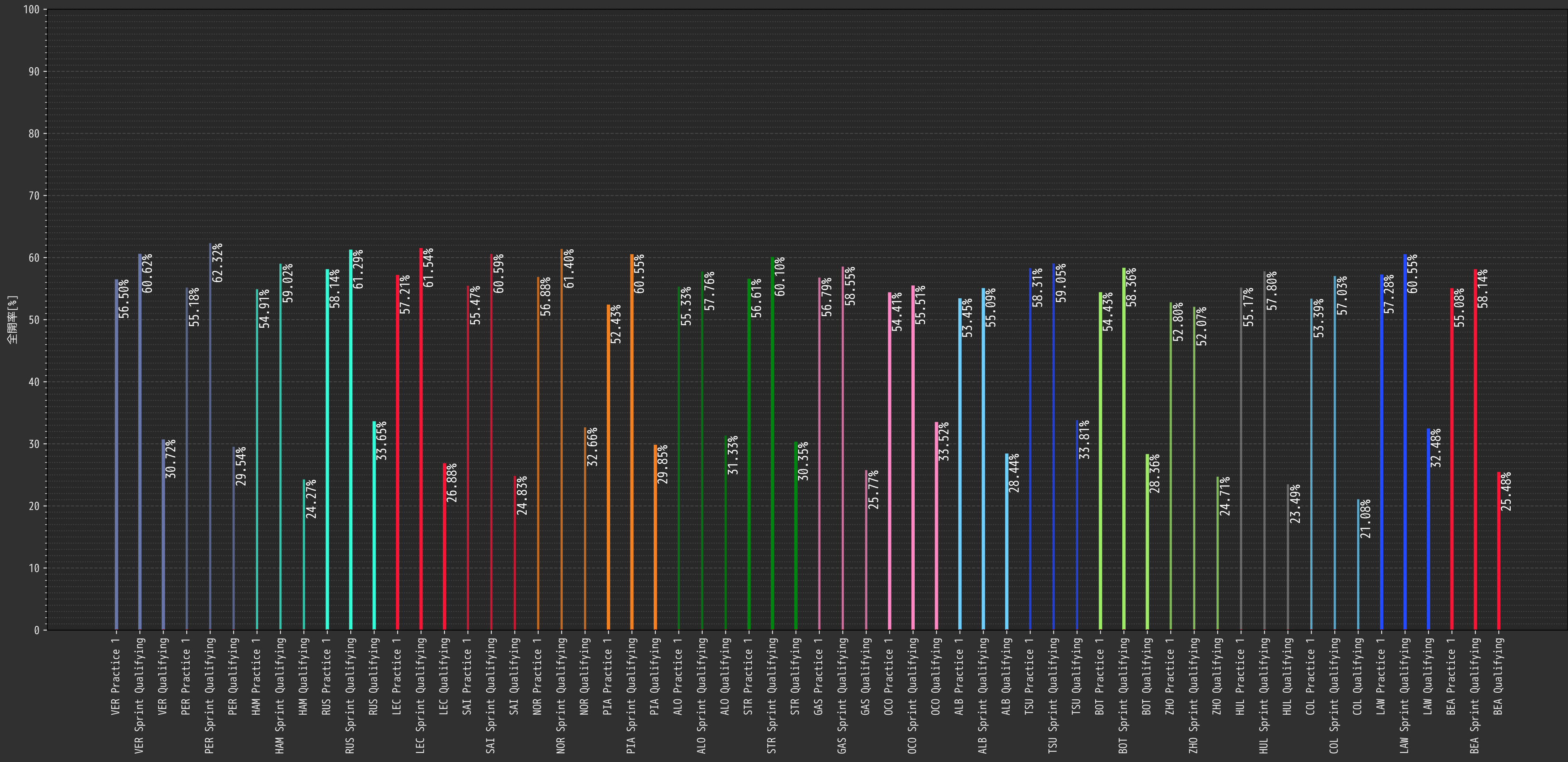
2024 Rd21 São Paulo Grand Prix Qualifying ファステストラップの各コーナーのボトムスピード(スロットル全開時を除く) + Virtual Speedtrap

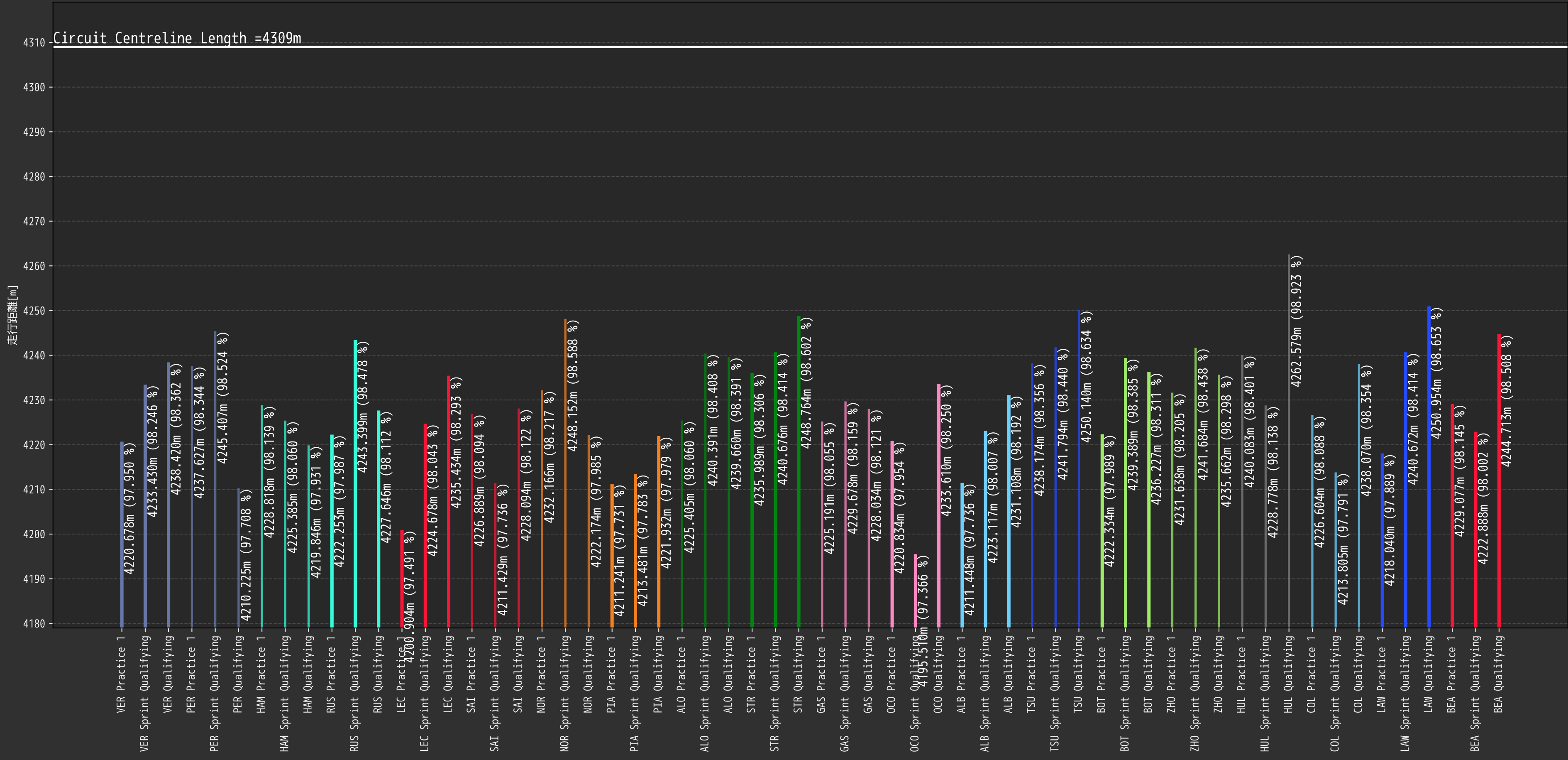


2024 Rd21 São Paulo Grand Prix Fastest Lapのスピードトラップ近辺の最高速[Km/h]



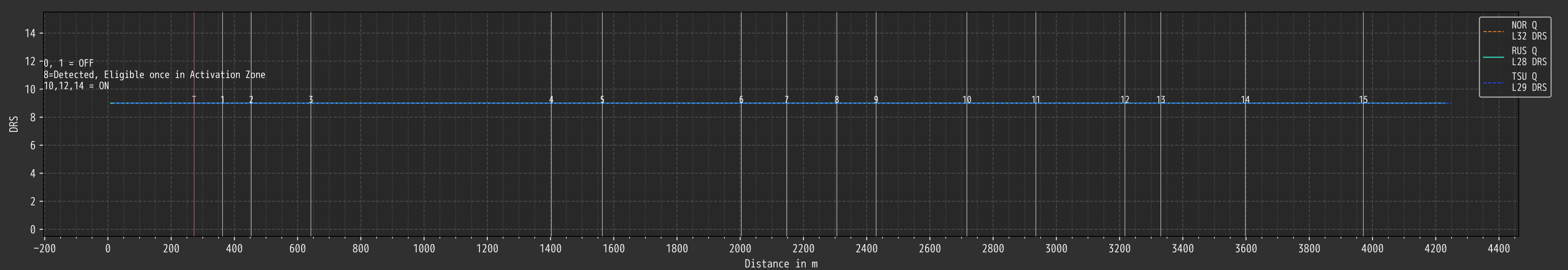
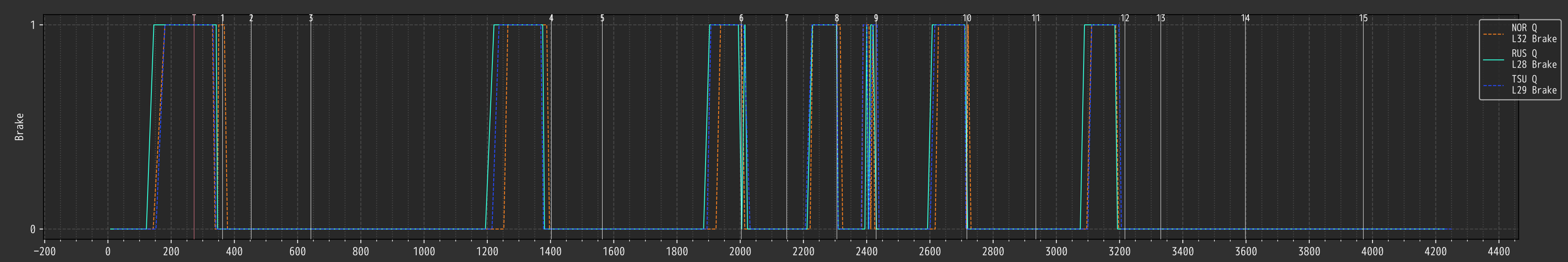
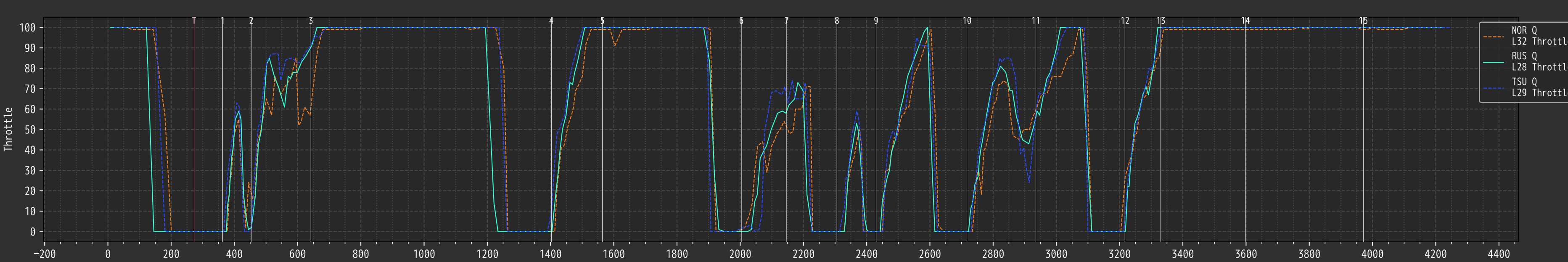
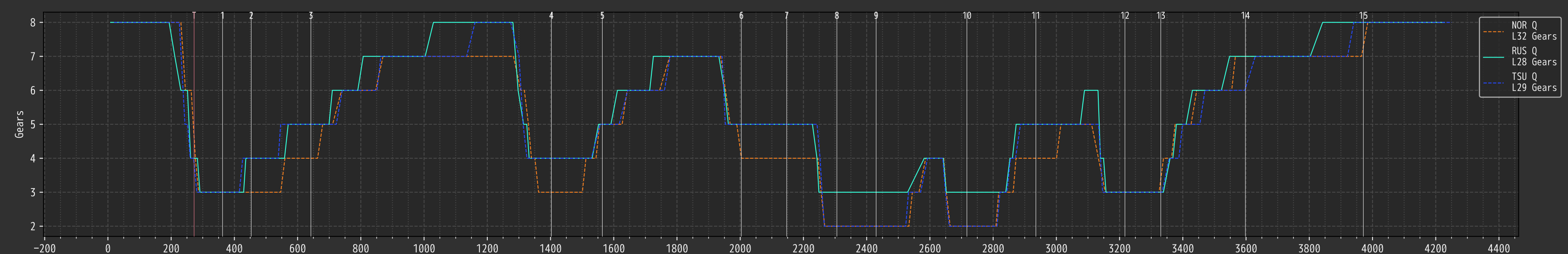
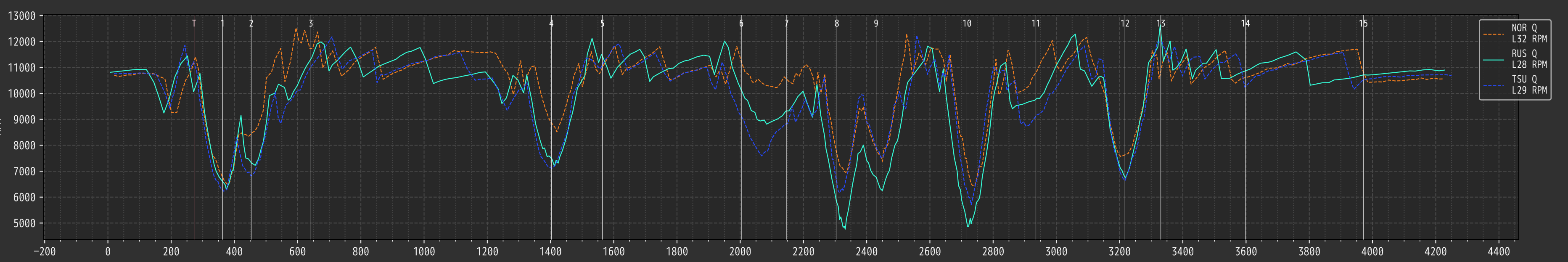
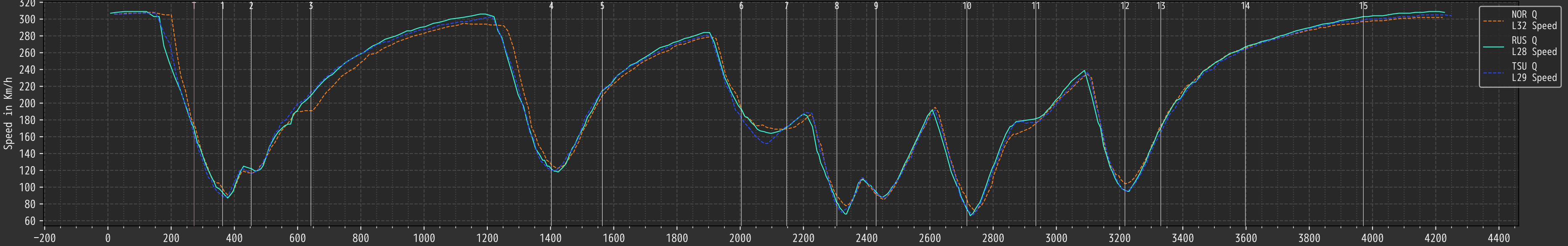
2024 Rd21 São Paulo Grand Prix ベストラップ 全開率グラフ







2024 Rd21 São Paulo Grand Prix Qualifying Top3 Telemetry overlay





	Time	Category	Message	Status	Flag	Scope	Sector	RacingNumber	Lap
0	2024-11-03 10:29:00	Drs	DRS DISABLED	DISABLED			nan		
1	2024-11-03 10:30:00	Flag	GREEN LIGHT - PIT EXIT OPEN		GREEN	Track	nan		
2	2024-11-03 10:31:55	Flag	YELLOW IN TRACK SECTOR 13		YELLOW	Sector	13.0		
3	2024-11-03 10:32:00	Flag	DOUBLE YELLOW IN TRACK SECTOR 13		DOUBLE YELLOW	Sector	13.0		
4	2024-11-03 10:32:02	Flag	YELLOW IN TRACK SECTOR 12		YELLOW	Sector	12.0		
5	2024-11-03 10:32:39	Flag	CLEAR IN TRACK SECTOR 12		CLEAR	Sector	12.0		
6	2024-11-03 10:32:40	Flag	CLEAR IN TRACK SECTOR 13		CLEAR	Sector	13.0		
7	2024-11-03 10:33:50	Flag	YELLOW IN TRACK SECTOR 13		YELLOW	Sector	13.0		
8	2024-11-03 10:33:52	Flag	DOUBLE YELLOW IN TRACK SECTOR 13		DOUBLE YELLOW	Sector	13.0		
9	2024-11-03 10:33:56	Flag	CLEAR IN TRACK SECTOR 12		CLEAR	Sector	12.0		
10	2024-11-03 10:33:59	Flag	YELLOW IN TRACK SECTOR 12		YELLOW	Sector	12.0		
11	2024-11-03 10:34:01	Flag	CLEAR IN TRACK SECTOR 12		CLEAR	Sector	12.0		
12	2024-11-03 10:34:02	Flag	CLEAR IN TRACK SECTOR 13		CLEAR	Sector	13.0		
13	2024-11-03 10:34:24	Other	CAR 77 (BOT) LAP DELETED - DOUBLE YELLOW AT TURN 12				nan		
14	2024-11-03 10:34:27	Flag	DOUBLE YELLOW IN TRACK SECTOR 13		DOUBLE YELLOW	Sector	13.0		
15	2024-11-03 10:34:29	Flag	YELLOW IN TRACK SECTOR 12		YELLOW	Sector	12.0		
16	2024-11-03 10:34:32	Flag	CLEAR IN TRACK SECTOR 12		CLEAR	Sector	12.0		
17	2024-11-03 10:34:34	Flag	CLEAR IN TRACK SECTOR 13		CLEAR	Sector	13.0		
18	2024-11-03 10:35:14	Flag	YELLOW IN TRACK SECTOR 5		YELLOW	Sector	5.0		
19	2024-11-03 10:35:15	Other	CAR 23 (ALB) TIME 1:35.457 DELETED - DOUBLE YELLOW AT TURN 12				nan		
20	2024-11-03 10:35:22	Flag	CLEAR IN TRACK SECTOR 5		CLEAR	Sector	5.0		
21	2024-11-03 10:35:33	Other	CAR 44 (HAM) TIME 1:32.626 DELETED - DOUBLE YELLOW AT TURN 12				nan		
22	2024-11-03 10:35:50	Other	CAR 18 (STR) TIME 1:38.172 DELETED - TRACK LIMITS AT TURN 12 LAP 3 7:34:27				nan		
23	2024-11-03 10:35:59	Other	CAR 24 (ZHO) TIME 1:47.595 DELETED - DOUBLE YELLOW AT TURN 12				nan		
24	2024-11-03 10:37:34	Other	CAR 4 (NOR) TIME 1:46.347 DELETED - TRACK LIMITS AT TURN 2 LAP 5 7:35:10				nan		
25	2024-11-03 10:38:21	Other	CAR 22 (TSU) TIME 1:42.487 DELETED - TRACK LIMITS AT TURN 2 LAP 5 7:35:32				nan		
26	2024-11-03 10:38:23	Other	CAR 14 (ALO) TIME 1:37.411 DELETED - TRACK LIMITS AT TURN 2 LAP 5 7:36:23				nan		
27	2024-11-03 10:38:24	Other	CAR 23 (ALB) TIME 1:32.546 DELETED - TRACK LIMITS AT TURN 2 LAP 6 7:36:50				nan		
28	2024-11-03 10:38:57	Other	CAR 44 (HAM) TIME 1:37.780 DELETED - TRACK LIMITS AT TURN 2 LAP 5 7:36:38				nan		
29	2024-11-03 10:39:03	Flag	YELLOW IN TRACK SECTOR 3		YELLOW	Sector	3.0		
30	2024-11-03 10:39:06	Flag	YELLOW IN TRACK SECTOR 11		YELLOW	Sector	11.0		
31	2024-11-03 10:39:08	Flag	YELLOW IN TRACK SECTOR 2		YELLOW	Sector	2.0		
32	2024-11-03 10:39:10	Flag	RED FLAG		RED	Track	nan		
33	2024-11-03 10:39:10	Flag	CLEAR IN TRACK SECTOR 2		CLEAR	Sector	2.0		
34	2024-11-03 10:39:10	Flag	CLEAR IN TRACK SECTOR 3		CLEAR	Sector	3.0		
35	2024-11-03 10:39:18	Other	MEDICAL CAR DEPLOYED				nan		
36	2024-11-03 10:43:26	Other	CAR 16 (LEC) TIME 1:38.335 DELETED - TRACK LIMITS AT TURN 4 LAP 5 7:36:27				nan		
37	2024-11-03 10:43:40	Other	Q1 WILL RESUME AT 07:47				nan		
38	2024-11-03 10:43:50	Flag	TRACK CLEAR		CLEAR	Track	nan		
39	2024-11-03 10:45:16	Other	CAR 18 (STR) TIME 1:37.470 DELETED - TRACK LIMITS AT TURN 4 LAP 4 7:35:19				nan		
40	2024-11-03 10:47:00	Flag	GREEN LIGHT - PIT EXIT OPEN		GREEN	Track	nan		
41	2024-11-03 10:47:34	Other	CAR 77 (BOT) TIME 1:39.474 DELETED - TRACK LIMITS AT TURN 4 LAP 5 7:36:52				nan		
42	2024-11-03 10:51:36	Other	CAR 55 (SAI) TIME 1:38.172 DELETED - TRACK LIMITS AT TURN 2 LAP 8 7:49:50				nan		
43	2024-11-03 10:52:12	Other	CAR 63 (RUS) TIME 1:39.353 DELETED - TRACK LIMITS AT TURN 2 LAP 8 7:50:17				nan		
44	2024-11-03 10:53:19	Flag	DOUBLE YELLOW IN TRACK SECTOR 13		DOUBLE YELLOW	Sector	13.0		
45	2024-11-03 10:53:27	Flag	CLEAR IN TRACK SECTOR 13		CLEAR	Sector	13.0		
46	2024-11-03 10:53:45	Other	CAR 1 (VER) TIME 1:30.003 DELETED - DOUBLE YELLOW AT TURN 12				nan		
47	2024-11-03 10:53:47	Other	CAR 27 (HUL) TIME 1:39.905 DELETED - DOUBLE YELLOW AT TURN 12				nan		
48	2024-11-03 10:54:14	Other	CAR 50 (BEA) TIME 1:36.289 DELETED - DOUBLE YELLOW AT TURN 13				nan		
49	2024-11-03 10:54:51	Other	CAR 30 (LAW) TIME 1:31.718 DELETED - DOUBLE YELLOW AT TURN 12				nan		
50	2024-11-03 10:55:04	Other	CAR 4 (NOR) TIME 1:47.298 DELETED - DOUBLE YELLOW AT TURN 12				nan		
51	2024-11-03 10:55:38	Other	CAR 44 (HAM) TIME 1:33.551 DELETED - TRACK LIMITS AT TURN 4 LAP 10 7:53:33				nan		
52	2024-11-03 10:55:47	Other	CAR 23 (ALB) TIME 1:52.208 DELETED - TRACK LIMITS AT TURN 2 LAP 11 7:53:22				nan		
53	2024-11-03 10:55:50	Other	CAR 27 (HUL) TIME 1:39.905 DELETED - TRACK LIMITS AT TURN 12 LAP 10 7:53:22				nan		
54	2024-11-03 10:55:50	Flag	CHEQUERED FLAG		CHEQUERED	Track	nan		
55	2024-11-03 10:56:12	Other	FIRST CAR TO TAKE THE FLAG - CAR 44 (HAM)				nan		
56	2024-11-03 10:56:35	Other	CAR 81 (PIA) LAP DELETED - TRACK LIMITS AT TURN 4 LAP 11 7:55:04 (PIT)				nan		
57	2024-11-03 10:59:17	Other	Q2 WILL START AT 08:03				nan		
58	2024-11-03 11:02:00	Drs	DRS DISABLED	DISABLED			nan		
59	2024-11-03 11:03:00	Flag	GREEN LIGHT - PIT EXIT OPEN		GREEN	Track	nan		
60	2024-11-03 11:06:42	Other	CAR 22 (TSU) TIME 1:36.693 DELETED - TRACK LIMITS AT TURN 4 LAP 15 8:05:28				nan		
61	2024-11-03 11:07:37	Other	CAR 31 (OCO) TIME 1:32.010 DELETED - TRACK LIMITS AT TURN 4 LAP 16 8:06:28				nan		
62	2024-11-03 11:09:27	Other	CAR 10 (GAS) LAP DELETED - TRACK LIMITS AT TURN 4 LAP 17 8:08:11 (PIT)				nan		
63	2024-11-03 11:09:45	Flag	DOUBLE YELLOW IN TRACK SECTOR 11		DOUBLE YELLOW	Sector	11.0		
64	2024-11-03 11:09:49	Flag	YELLOW IN TRACK SECTOR 10		YELLOW	Sector	10.0		
65	2024-11-03 11:09:54	Flag	CLEAR IN TRACK SECTOR 11		CLEAR	Sector	11.0		
66	2024-11-03 11:09:56	Flag	CLEAR IN TRACK SECTOR 10		CLEAR	Sector	10.0		
67	2024-11-03 11:10:22	Other	CAR 30 (LAW) TIME 1:56.131 DELETED - DOUBLE YELLOW AT TURN 10				nan		
68	2024-11-03 11:11:42	Flag	DOUBLE YELLOW IN TRACK SECTOR 2		DOUBLE YELLOW	Sector	2.0		
69	2024-11-03 11:12:09	Flag	RED FLAG		RED	Track	nan		
70	2024-11-03 11:12:09	Flag	CLEAR IN TRACK SECTOR 2		CLEAR	Sector	2.0		
71	2024-11-03 11:12:38	Other	CAR 23 (ALB) LAP DELETED - TRACK LIMITS AT TURN 2 LAP 18 8:11:02 (PIT)				nan		
72	2024-11-03 11:16:51	Other	Q2 WILL RESUME AT 08:20				nan		
73	2024-11-03 11:18:16	Flag	TRACK CLEAR		CLEAR	Track	nan		
74	2024-11-03 11:20:00	Flag	GREEN LIGHT - PIT EXIT OPEN		GREEN	Track	nan		
75	2024-11-03 11:23:59	Other	CAR 63 (RUS) TIME 1:30.062 DELETED - TRACK LIMITS AT TURN 2 LAP 20 8:22:33				nan		
76	2024-11-03 11:24:14	Flag	YELLOW IN TRACK SECTOR 3		YELLOW	Sector	3.0		
77	2024-11-03 11:24:18	Flag	DOUBLE YELLOW IN TRACK SECTOR 3		DOUBLE YELLOW	Sector	3.0		
78	2024-11-03 11:24:26	Flag	YELLOW IN TRACK SECTOR 2		YELLOW	Sector	2.0		
79	2024-11-03 11:24:36	Other	CAR 11 (PER) TIME 1:33.872 DELETED - TRACK LIMITS AT TURN 4 LAP 18 8:23:08				nan		
80	2024-11-03 11:25:06	Flag	RED FLAG		RED	Track	nan		
81	2024-11-03 11:25:06	Flag	CLEAR IN TRACK SECTOR 2		CLEAR	Sector	2.0		
82	2024-11-03 11:25:06	Flag	CLEAR IN TRACK SECTOR 3		CLEAR	Sector	3.0		
83	2024-11-03 11:25:29	Other	Q2 WILL NOT BE RESUMED				nan		
84	2024-11-03 11:33:10	Other	START OF Q3 WILL BE DELAYED				nan		
85	2024-11-03 11:33:39	Other	Q3 WILL START AT 08:37				nan		
86	2024-11-03 11:33:44	Flag	TRACK CLEAR		CLEAR	Track	nan		
87	2024-11-03 11:36:00	Drs	DRS DISABLED	DISABLED			nan		
88	2024-11-03 11:37:00	Flag	GREEN LIGHT - PIT EXIT OPEN		GREEN	Track	nan		
89	2024-11-03 11:40:26	Other	CAR 23 (ALB) TIME 1:38.336 DELETED - TRACK LIMITS AT TURN 4 LAP 24 8:39:09				nan		
90	2024-11-03 11:41:56	Flag	YELLOW IN TRACK SECTOR 12		YELLOW	Sector	12.0		
91	2024-11-03 11:41:59	Flag	DOUBLE YELLOW IN TRACK SECTOR 12		DOUBLE YELLOW	Sector	12.0		
92	2024-11-03 11:42:01	Flag	RED FLAG		RED	Track	nan		
93	2024-11-03 11:42:01	Flag	CLEAR IN TRACK SECTOR 12		CLEAR	Sector	12.0		
94	2024-11-03 11:42:11	Other	MEDICAL CAR DEPLOYED				nan		
95	2024-11-03 11:49:32	Other	Q3 WILL RESUME AT 08:54				nan		
96	2024-11-03 11:50:58	Flag	TRACK CLEAR		CLEAR	Track	nan		
97	2024-11-03 11:54:00	Flag	GREEN LIGHT - PIT EXIT OPEN		GREEN	Track	nan		
98	2024-11-03 11:56:47	Flag	YELLOW IN TRACK SECTOR 5		YELLOW	Sector	5.0		
99	2024-11-03 11:57:05	Flag	CLEAR IN TRACK SECTOR 5		CLEAR	Sector	5.0		
100	2024-11-03 11:57:08	Other	CAR 63 (RUS) TIME 1:28.891 DELETED - TRACK LIMITS AT TURN 4 LAP 26 8:55:59				nan		
101	2024-11-03 11:57:20	Flag	DOUBLE YELLOW IN TRACK SECTOR 2		DOUBLE YELLOW	Sector	2.0		
102	2024-11-03 11:57:28	Flag	RED FLAG		RED	Track	nan		
103	2024-11-03 11:57:28	Flag	CLEAR IN TRACK SECTOR 2		CLEAR	Sector	2.0		
104	2024-11-03 11:57:43	Other	MEDICAL CAR DEPLOYED				nan		
105	2024-11-03 11:58:35	Other	CAR 22 (TSU) LAP DELETED - TRACK LIMITS AT TURN 4 LAP 28 8:57:04 (PIT)				nan		
106	2024-11-03 12:04:15	Other	Q3 WILL RESUME AT 09:08				nan		
107	2024-11-03 12:05:16	Flag	TRACK CLEAR		CLEAR	Track	nan		
108	2024-11-03 12:08:00	Flag	GREEN LIGHT - PIT EXIT OPEN		GREEN	Track	nan		
109	2024-11-03 12:11:31	Flag	CHEQUERED FLAG		CHEQUERED	Track	nan		
110	2024-11-03 12:12:03	Other	FIRST CAR TO TAKE THE FLAG - CAR 30 (LAW)				nan		
111	2024-11-03 12:13:07	Other	CAR 81 (PIA) LAP DELETED - TRACK LIMITS AT TURN 2 LAP 29 9:11:25 (PIT)				nan		
112	2024-11-03 12:16:00	Other	INCIDENT INVOLVING CAR 22 (TSU) NOTED - FAILING TO FOLLOW RACE DIRECTORS INSTRUCTIONS - CROSSING THE LINE AT PIT ENTRY				nan		
113	2024-11-03 12:17:25	Other	FIA STEWARDS: INCIDENT INVOLVING CAR 22 (TSU) REVIEWED NO FURTHER INVESTIGATION - FAILING TO FOLLOW RACE DIRECTORS INSTRUCTIONS - CROSSING THE LINE AT PIT ENTRY				nan		
114	2024-11-03 12:30:29	Other	AIR TEMPERATURE 3 HOURS BEFORE THE RACE = 20.8 DEGREES				nan		