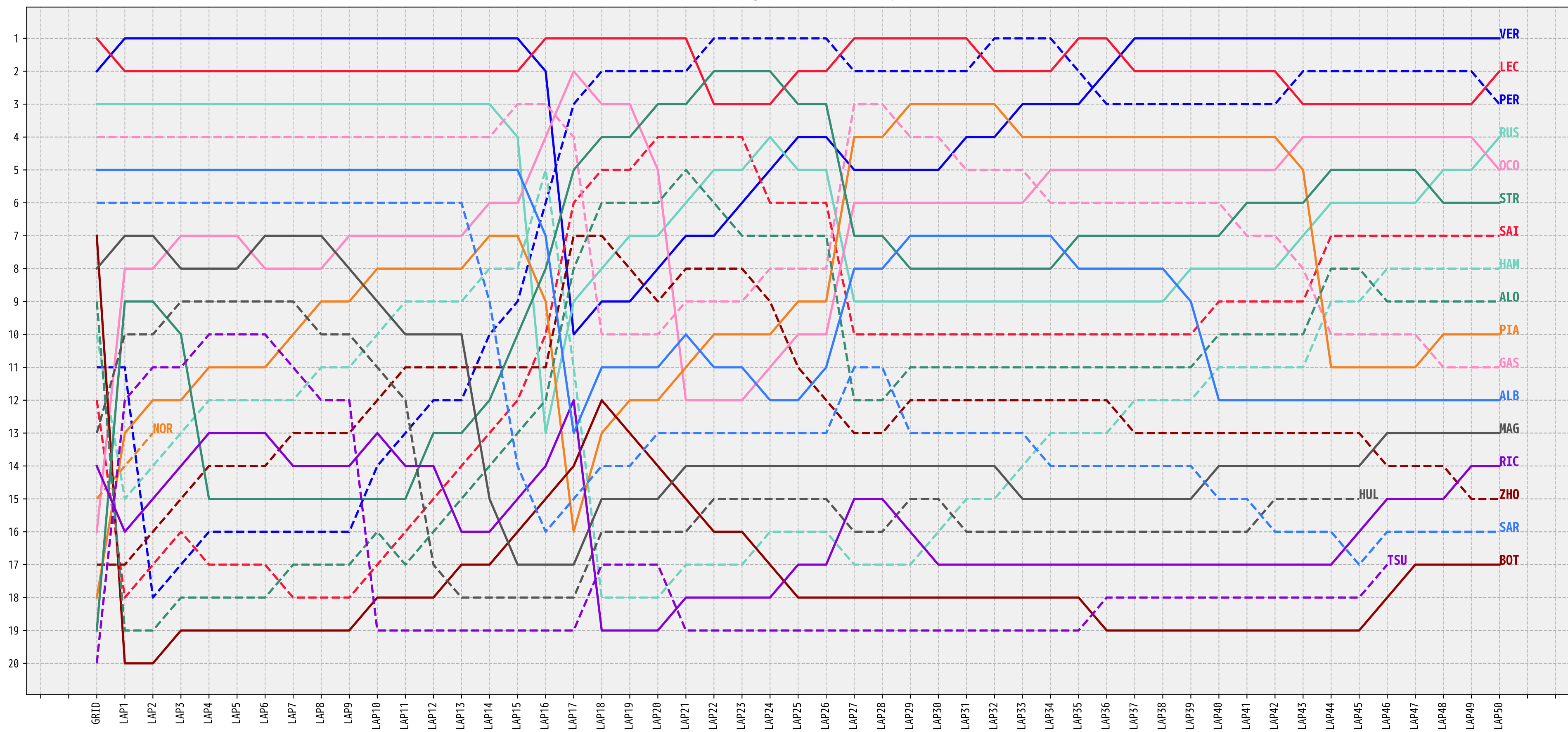
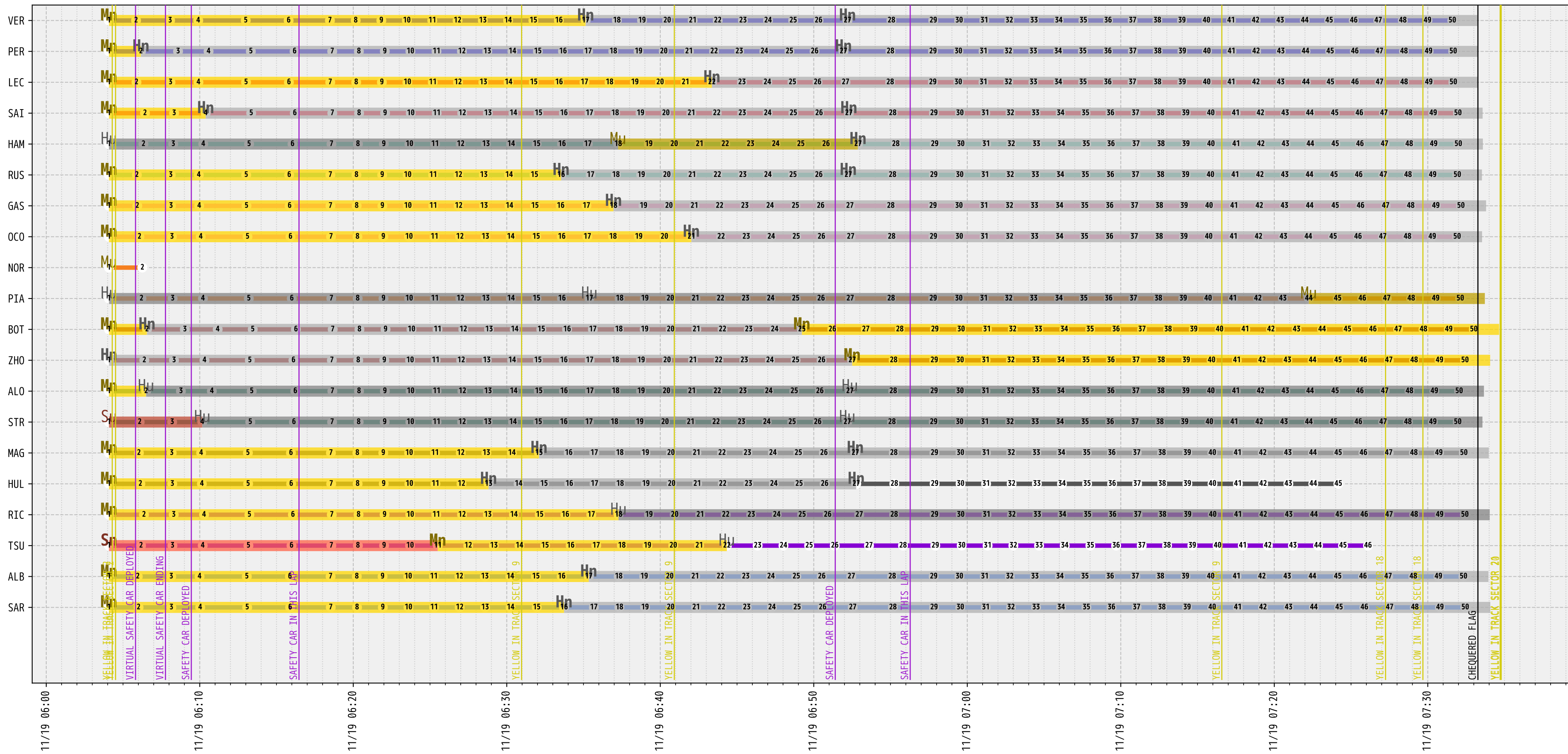


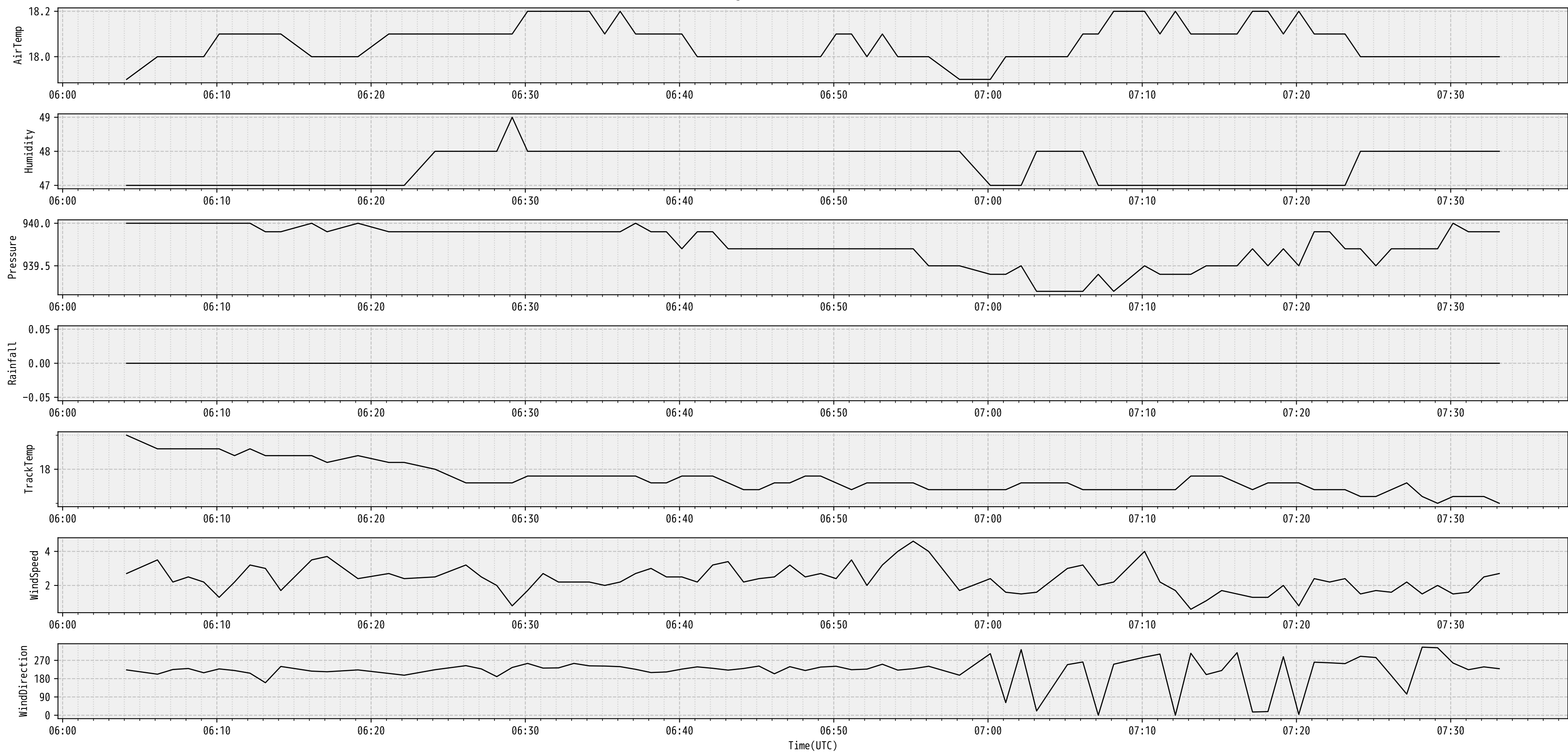
2023 Rd21 Las Vegas Grand Prix RaceLapchart



2023 Rd21 Las Vegas Grand Prix Race Tyre Chart

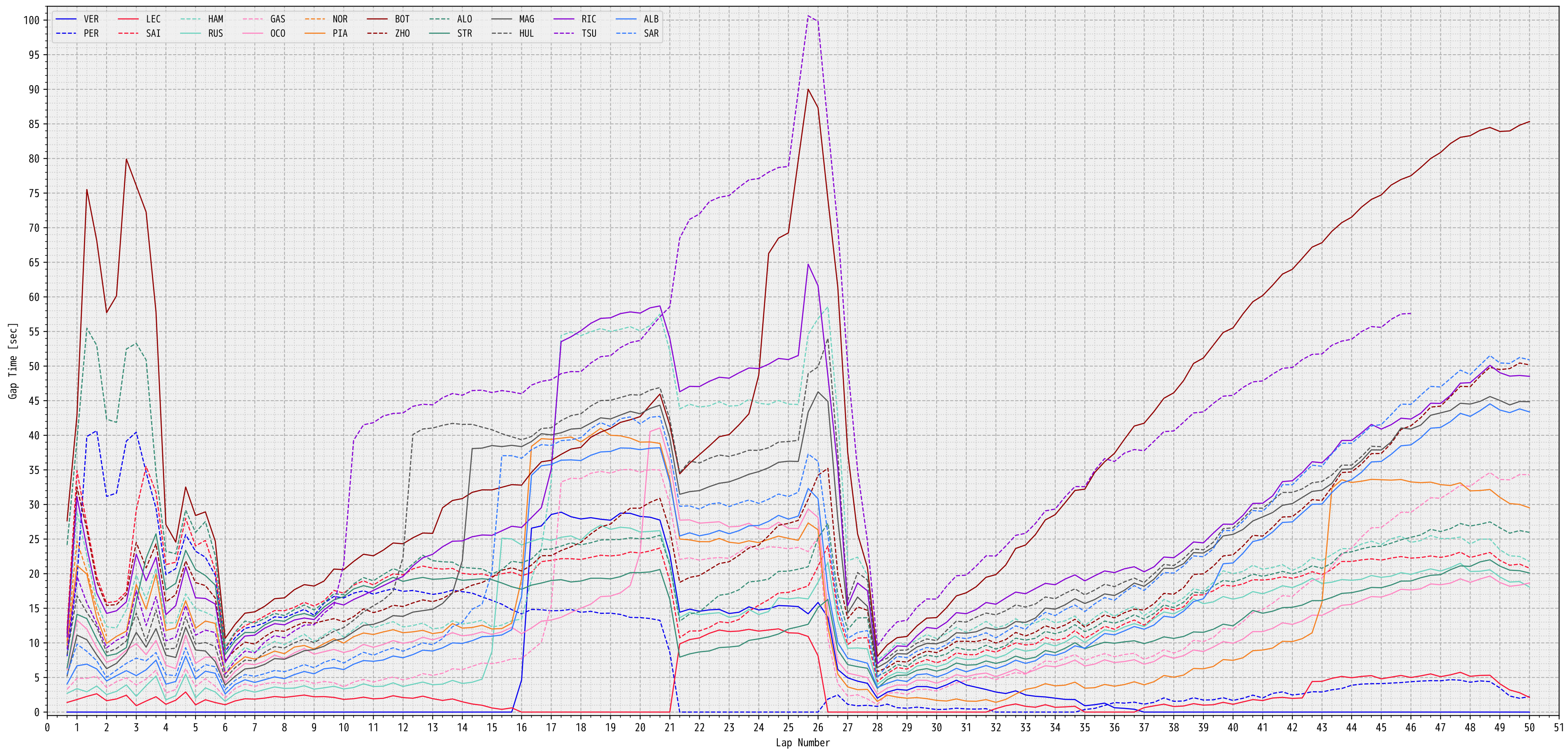


2023 Rd21 Las Vegas Grand Prix Race Weather Data

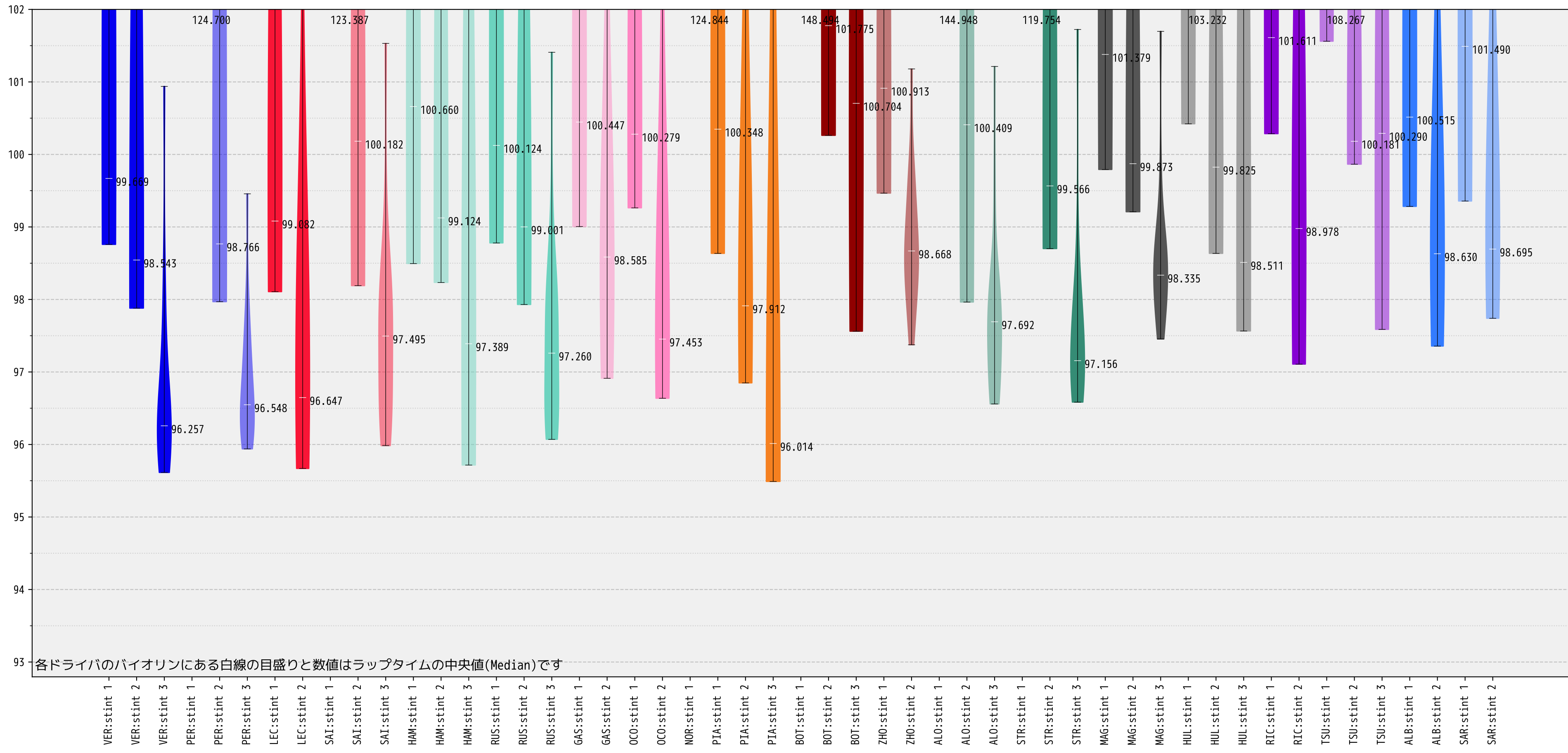




2023 Rd21 Las Vegas Grand Prix Race Gap Time

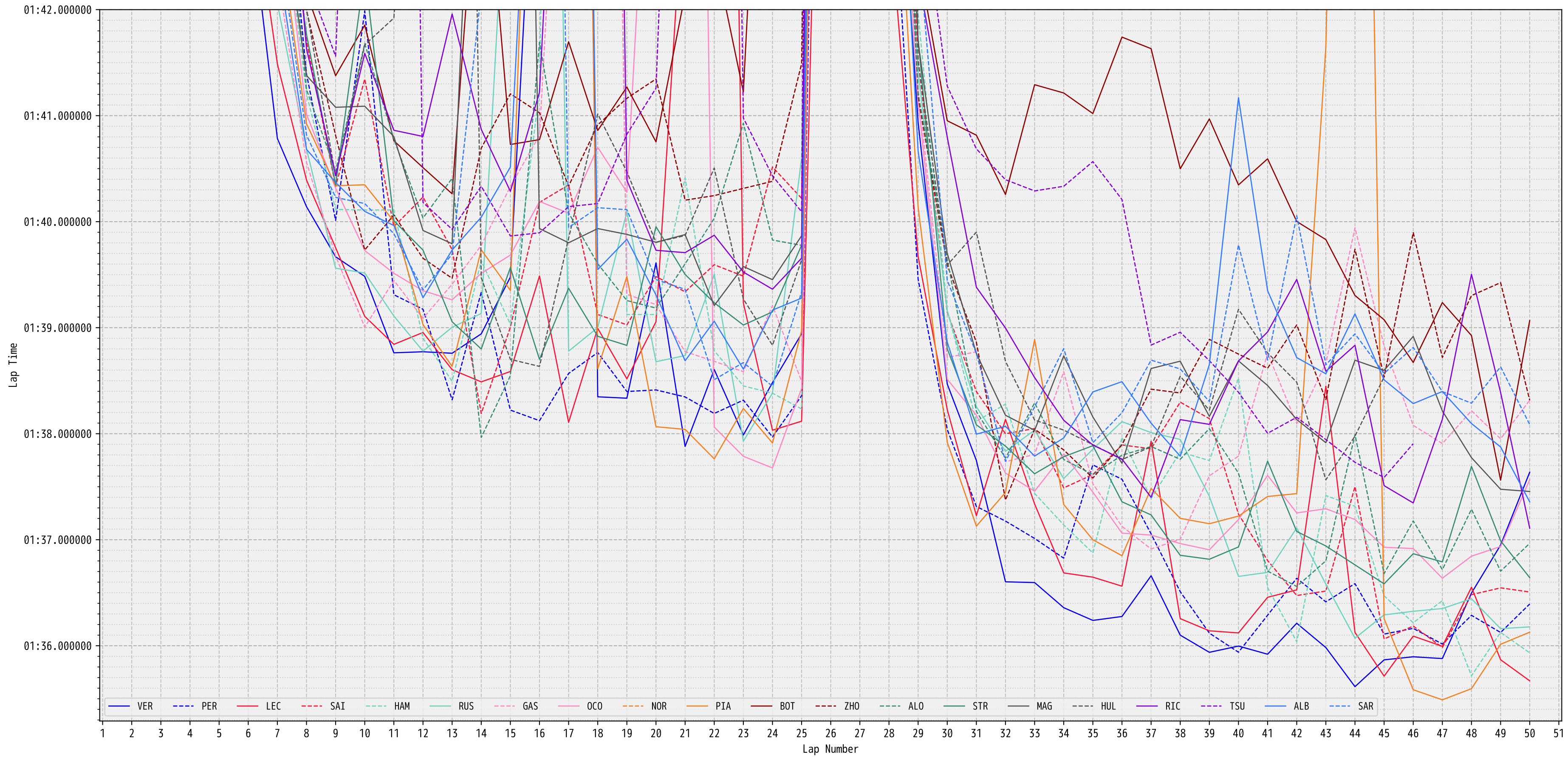


2023 Rd21 Las Vegas Grand Prix Race Laptme Violin Plot

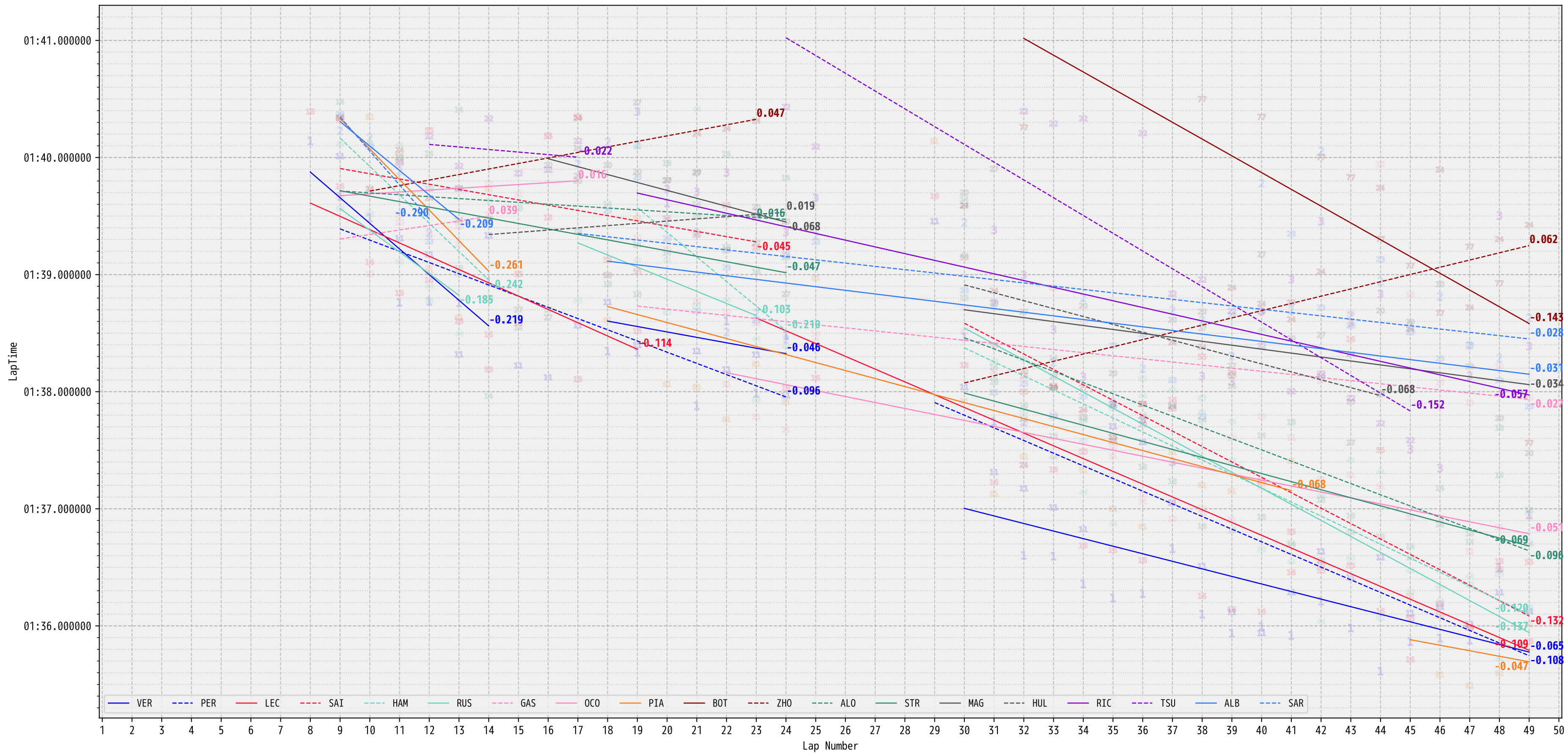




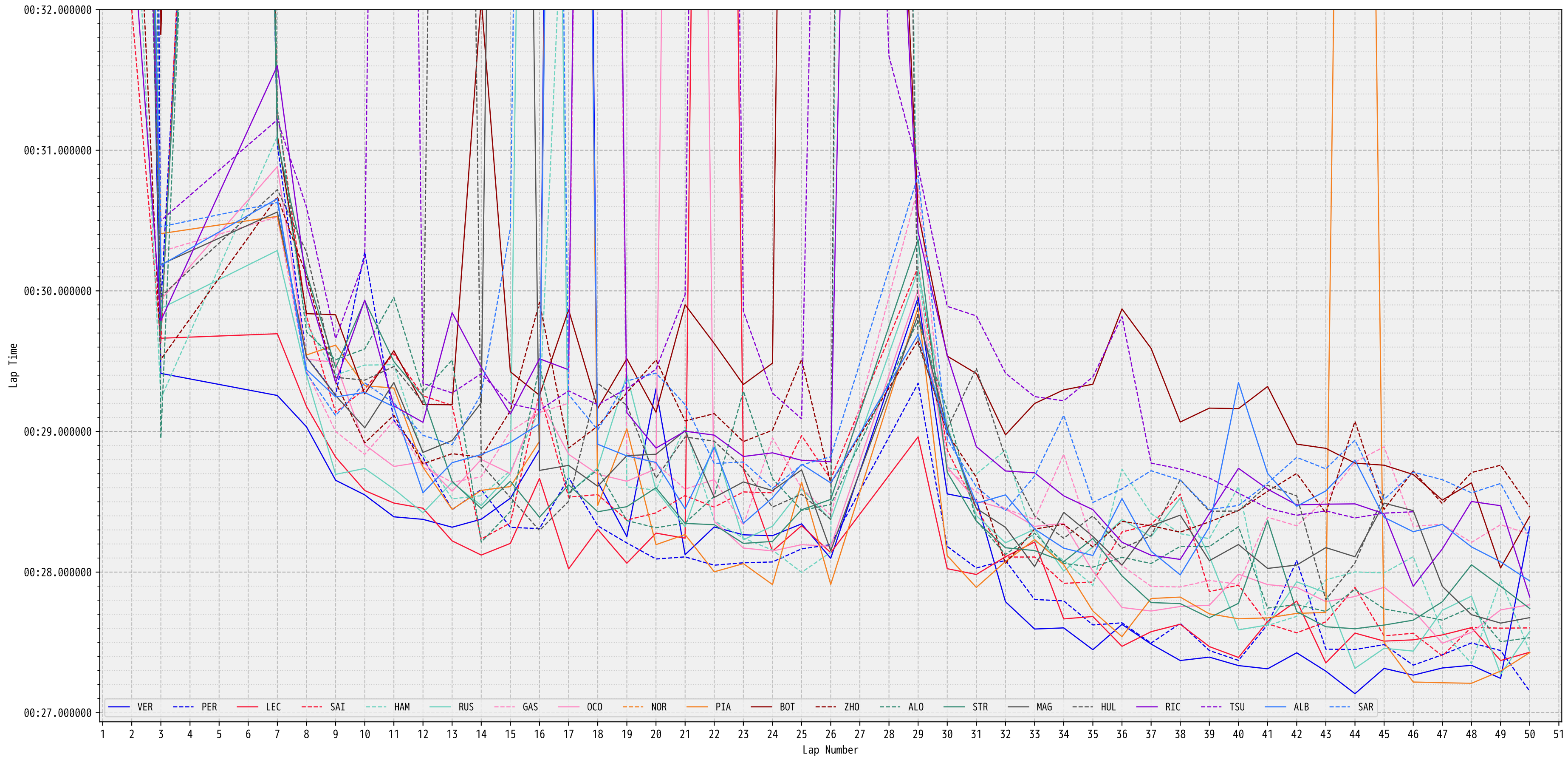
2023 Rd21 Las Vegas Grand Prix Race ラップタイム  
(1:42.000までのタイムを抽出)



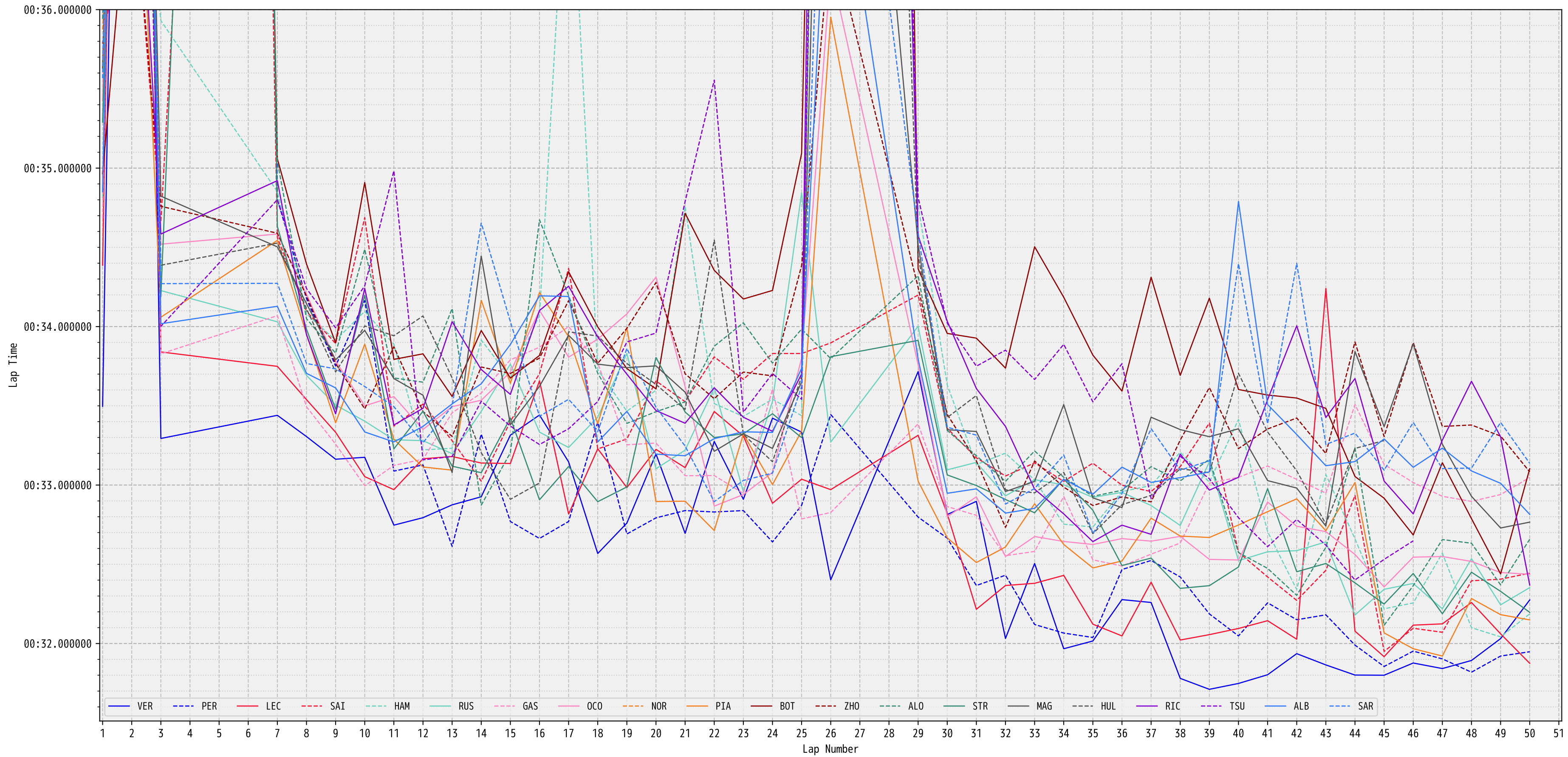
2023 Rd21 Las Vegas Grand Prix Race  
各ステントで1:35.000以上1:40.500以下の周回が3周以上の場合に算出

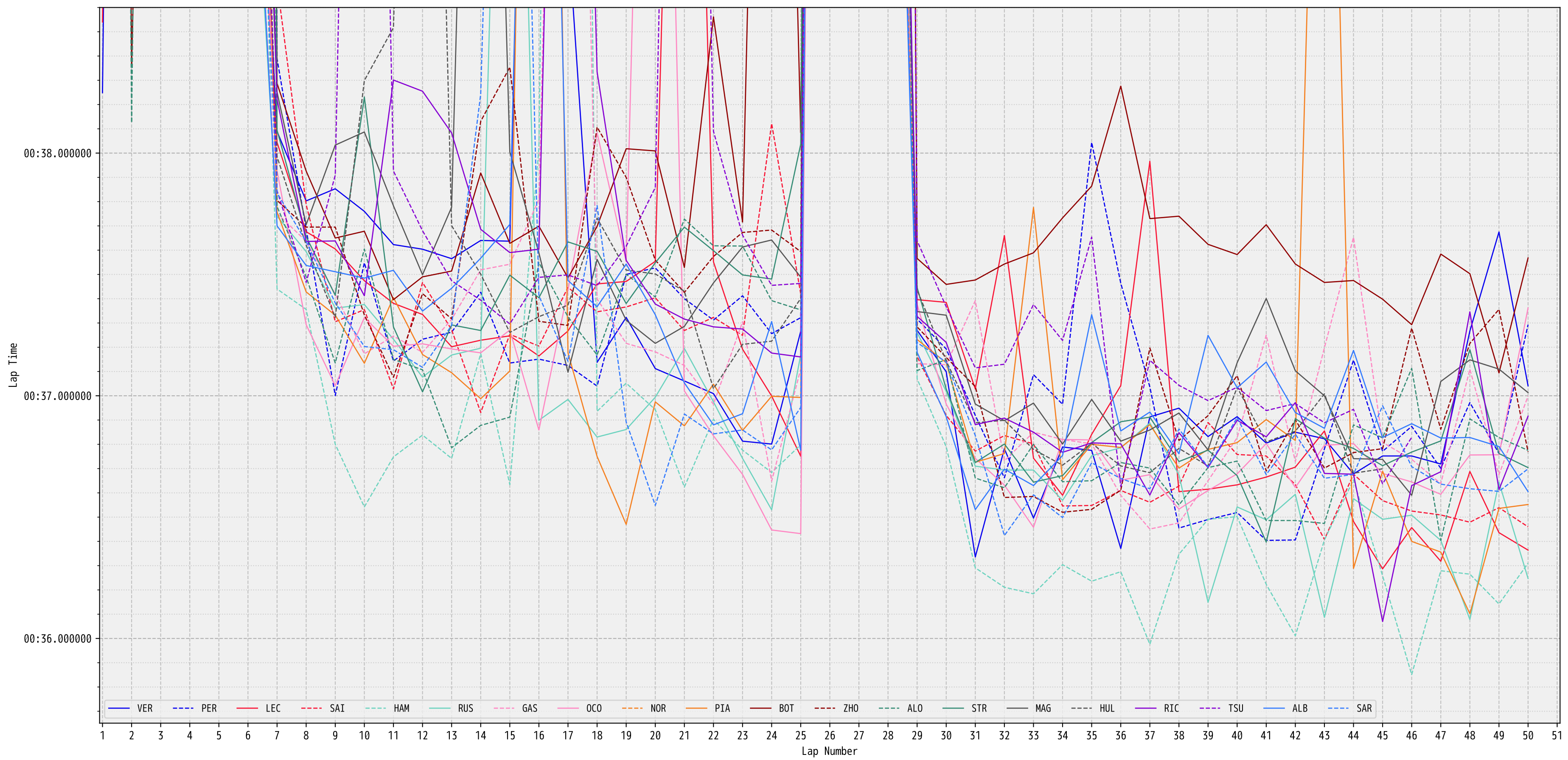




2023 Rd21 Las Vegas Grand Prix Race Sector1Time  
(0:32.000までのタイムを抽出)



2023 Rd21 Las Vegas Grand Prix Race Sector2Time  
(0:36.000までのタイムを抽出)

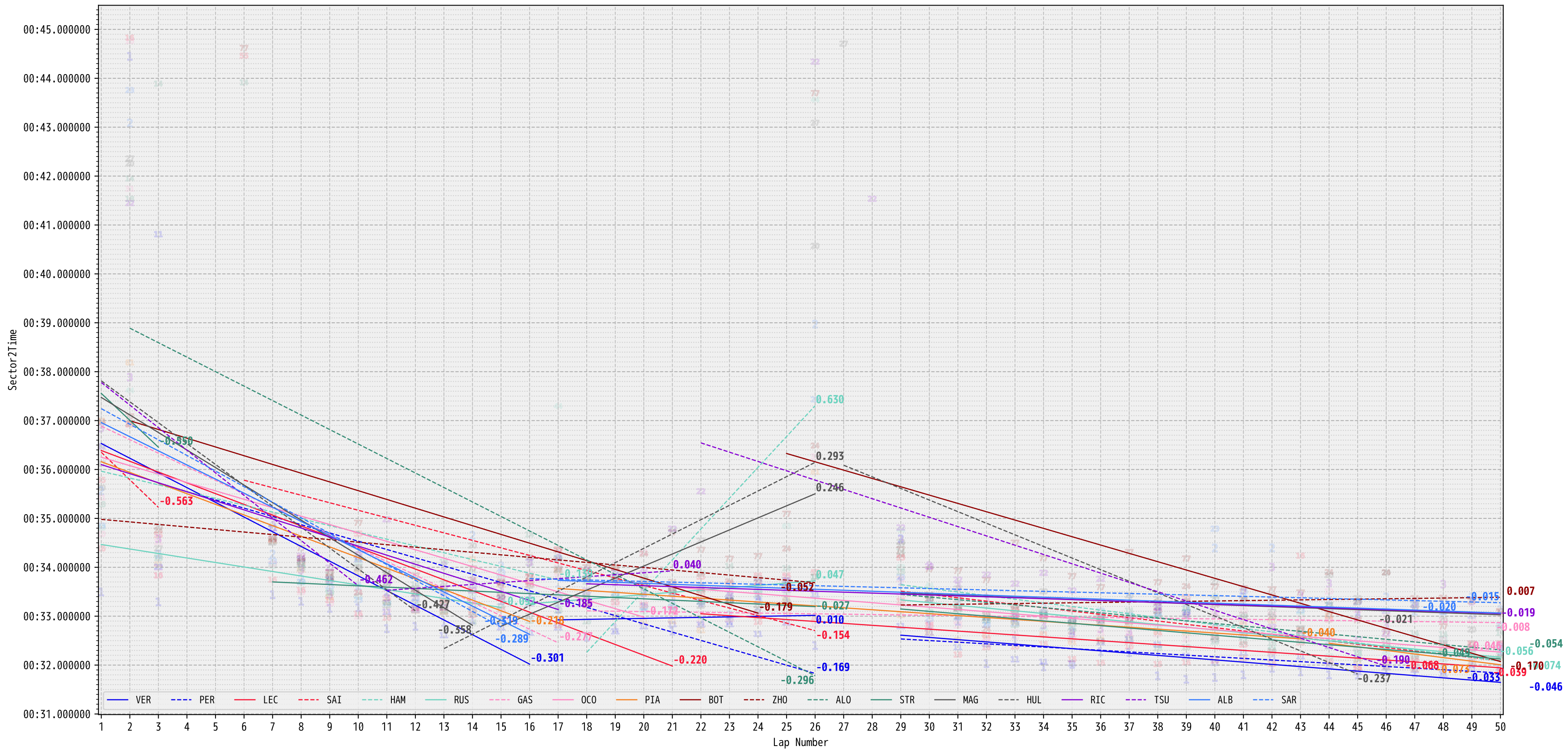
2023 Rd21 Las Vegas Grand Prix Race Sector3Time  
(0:38.600までのタイムを抽出)



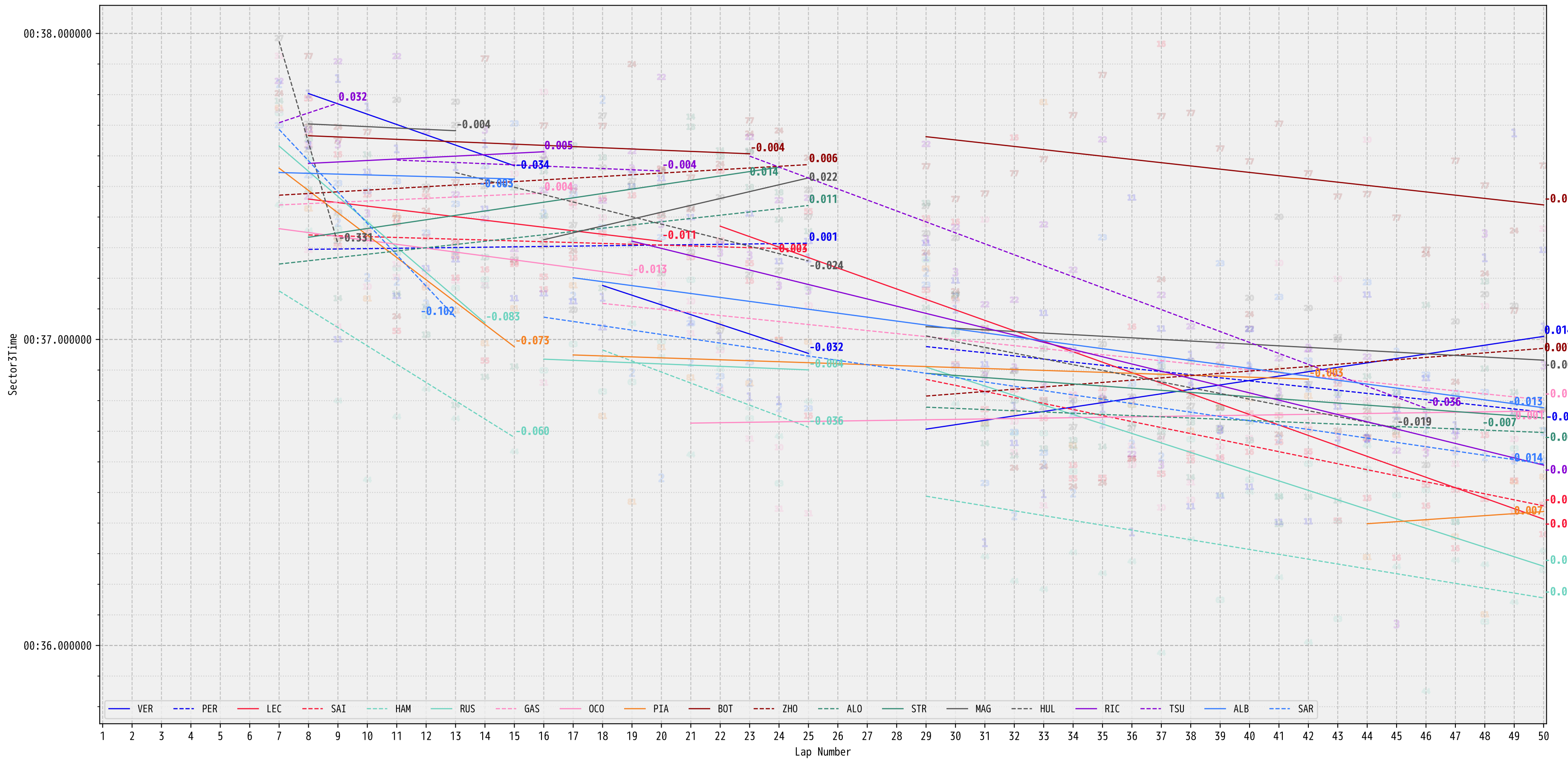




2023 Rd21 Las Vegas Grand Prix Race Sector2Timeの直線近似  
各ステントで0:31.000以上0:45.000以下の周回が3周以上の場合に算出



2023 Rd21 Las Vegas Grand Prix Race Sector3Timeの直線近似  
各スティントで0:35.000以上0:38.000以下の周回が3周以上の場合に算出



Time Category		Message	Status	Flag	Scope	Sector	RacingNumber
2023-11-19 05:57:18	Drs	DRS DISABLED	DISABLED	None	None	NaN	None
2023-11-19 06:04:05	Flag	GREEN LIGHT - PIT EXIT OPEN	None	GREEN	Track	NaN	None
2023-11-19 06:04:18	Flag	YELLOW IN TRACK SECTOR 2	None	YELLOW	Sector	2.0	None
2023-11-19 06:04:23	Flag	CLEAR IN TRACK SECTOR 2	None	CLEAR	Sector	2.0	None
2023-11-19 06:04:31	Flag	YELLOW IN TRACK SECTOR 2	None	YELLOW	Sector	2.0	None
2023-11-19 06:04:40	Flag	CLEAR IN TRACK SECTOR 2	None	CLEAR	Sector	2.0	None
2023-11-19 06:04:53	Other	LAP 1 TURN 1 NOTED	None	None	None	NaN	None
2023-11-19 06:05:49	SafetyCar	VIRTUAL SAFETY CAR DEPLOYED	DEPLOYED	None	None	NaN	None
2023-11-19 06:07:46	SafetyCar	VIRTUAL SAFETY CAR ENDING	ENDING	None	None	NaN	None
2023-11-19 06:07:58	Flag	TRACK CLEAR	None	CLEAR	Track	NaN	None
2023-11-19 06:08:40	Drs	DRS ENABLED	ENABLED	None	None	NaN	None
2023-11-19 06:09:05	Other	FIA STEWARDS: LAP 1 TURN 1 UNDER INVESTIGATION	None	None	None	NaN	None
2023-11-19 06:09:18	Flag	DOUBLE YELLOW IN TRACK SECTOR 14	None	DOUBLE YELLOW	Sector	14.0	None
2023-11-19 06:09:27	SafetyCar	SAFETY CAR DEPLOYED	DEPLOYED	None	None	NaN	None
2023-11-19 06:13:40	Other	CAR 11 (PER) TIME 2:45.405 DELETED - TRACK LIMITS AT TURN 8 LAP 4 22:11:21	None	None	None	NaN	None
2023-11-19 06:14:26	Other	CAR 77 (BOT) TIME 2:27.981 DELETED - TRACK LIMITS AT TURN 8 LAP 2 22:07:56	None	None	None	NaN	None
2023-11-19 06:15:43	Flag	CLEAR IN TRACK SECTOR 14	None	CLEAR	Sector	14.0	None
2023-11-19 06:16:28	SafetyCar	SAFETY CAR IN THIS LAP	IN THIS LAP	None	None	NaN	None
2023-11-19 06:17:57	Flag	TRACK CLEAR	None	CLEAR	Track	NaN	None
2023-11-19 06:20:32	Other	FIA STEWARDS: LAP 1 TURN 1 INCIDENT 5 SECOND TIME PENALTY FOR CAR 1 (VER) - FORCING ANOTHER DRIVER OFF THE TRACK	None	None	None	NaN	None
2023-11-19 06:21:44	Drs	DRS ENABLED	ENABLED	None	None	NaN	None
2023-11-19 06:24:00	Other	CAR 31 (OCO) TIME 1:41.013 DELETED - TRACK LIMITS AT TURN 17 LAP 8 22:21:56	None	None	None	NaN	None
2023-11-19 06:24:02	Other	CAR 31 (OCO) TIME 1:40.316 DELETED - TRACK LIMITS AT TURN 17 (NEXT LAP)	None	None	None	NaN	None
2023-11-19 06:30:57	Other	CAR 20 (MAG) TIME 1:39.792 DELETED - TRACK LIMITS AT TURN 7 LAP 13 22:29:16	None	None	None	NaN	None
2023-11-19 06:30:58	Flag	YELLOW IN TRACK SECTOR 9	None	YELLOW	Sector	9.0	None
2023-11-19 06:30:59	Flag	CLEAR IN TRACK SECTOR 9	None	CLEAR	Sector	9.0	None
2023-11-19 06:31:39	Other	TRACK SURFACE SLIPPERY IN TRACK SECTOR 17	None	None	None	NaN	None
2023-11-19 06:32:11	Other	CAR 20 (MAG) LAP DELETED - TRACK LIMITS AT TURN 8 LAP 14 22:30:58 (PIT)	None	None	None	NaN	None
2023-11-19 06:33:53	Flag	CLEAR IN TRACK SECTOR 17	None	CLEAR	Sector	17.0	None
2023-11-19 06:37:18	Other	TURN 14 INCIDENT INVOLVING CARS 81 (PIA) AND 44 (HAM) NOTED - CAUSING A COLLISION	None	None	None	NaN	None
2023-11-19 06:38:04	Other	CAR 44 (HAM) TIME 1:58.137 DELETED - TRACK LIMITS AT TURN 7 LAP 17 22:35:58	None	None	None	NaN	None
2023-11-19 06:38:35	Other	FIA STEWARDS: TURN 14 INCIDENT INVOLVING CARS 81 (PIA) AND 44 (HAM) REVIEWED NO FURTHER INVESTIGATION - CAUSING A COLLISION	None	None	None	NaN	None
2023-11-19 06:40:33	Other	CAR 77 (BOT) TIME 1:43.971 DELETED - TRACK LIMITS AT TURN 1 LAP 14 22:30:36	None	None	None	NaN	None
2023-11-19 06:40:55	Flag	YELLOW IN TRACK SECTOR 9	None	YELLOW	Sector	9.0	None
2023-11-19 06:40:57	Flag	CLEAR IN TRACK SECTOR 9	None	CLEAR	Sector	9.0	None
2023-11-19 06:42:05	Other	CAR 18 (STR) TIME 1:39.953 DELETED - TRACK LIMITS AT TURN 8 LAP 20 22:40:54	None	None	None	NaN	None
2023-11-19 06:49:43	Other	TRACK SURFACE SLIPPERY IN TRACK SECTOR 14	None	None	None	NaN	None
2023-11-19 06:51:24	SafetyCar	SAFETY CAR DEPLOYED	DEPLOYED	None	None	NaN	None
2023-11-19 06:51:24	Flag	CLEAR IN TRACK SECTOR 14	None	CLEAR	Sector	14.0	None
2023-11-19 06:52:40	Flag	DOUBLE YELLOW IN TRACK SECTOR 14	None	DOUBLE YELLOW	Sector	14.0	None
2023-11-19 06:52:52	Other	TURN 12 INCIDENT INVOLVING CARS 63 (RUS) AND 1 (VER) NOTED - CAUSING A COLLISION	None	None	None	NaN	None
2023-11-19 06:54:11	Other	FIA STEWARDS: TURN 12 INCIDENT INVOLVING CARS 63 (RUS) AND 1 (VER) UNDER INVESTIGATION - CAUSING A COLLISION	None	None	None	NaN	None
2023-11-19 06:56:03	Flag	CLEAR IN TRACK SECTOR 14	None	CLEAR	Sector	14.0	None
2023-11-19 06:56:17	SafetyCar	SAFETY CAR IN THIS LAP	IN THIS LAP	None	None	NaN	None
2023-11-19 06:57:17	Flag	TRACK CLEAR	None	CLEAR	Track	NaN	None
2023-11-19 06:57:20	Other	TRACK SURFACE SLIPPERY IN TRACK SECTOR 8	None	None	None	NaN	None
2023-11-19 06:57:22	Other	FIA STEWARDS: 5 SECOND TIME PENALTY FOR CAR 63 (RUS) - CAUSING A COLLISION	None	None	None	NaN	None
2023-11-19 06:57:30	Flag	CLEAR IN TRACK SECTOR 8	None	CLEAR	Sector	8.0	None
2023-11-19 06:58:44	Other	PIT LANE INCIDENT INVOLVING CAR 1 (VER) NOTED - UNSAFE RELEASE	None	None	None	NaN	None
2023-11-19 06:58:47	Other	CAR 10 (GAS) TIME 2:45.291 DELETED - TRACK LIMITS AT TURN 17 LAP 28 22:57:45	None	None	None	NaN	None
2023-11-19 06:59:23	Other	FIA STEWARDS: PIT LANE INCIDENT INVOLVING CAR 1 (VER) REVIEWED NO FURTHER INVESTIGATION - UNSAFE RELEASE	None	None	None	NaN	None
2023-11-19 06:59:30	Other	CAR 10 (GAS) TIME 1:41.251 DELETED - TRACK LIMITS AT TURN 17 (NEXT LAP)	None	None	None	NaN	None
2023-11-19 07:00:56	Drs	DRS ENABLED	ENABLED	None	None	NaN	None
2023-11-19 07:16:35	Flag	YELLOW IN TRACK SECTOR 9	None	YELLOW	Sector	9.0	None
2023-11-19 07:16:36	Flag	CLEAR IN TRACK SECTOR 9	None	CLEAR	Sector	9.0	None
2023-11-19 07:17:45	Other	CAR 2 (SAR) TIME 1:39.781 DELETED - TRACK LIMITS AT TURN 8 LAP 40 23:16:34	None	None	None	NaN	None
2023-11-19 07:18:42	Other	CAR 23 (ALB) TIME 1:41.170 DELETED - TRACK LIMITS AT TURN 4 LAP 40 23:16:06	None	None	None	NaN	None
2023-11-19 07:22:13	Other	CAR 16 (LEC) TIME 1:38.449 DELETED - TRACK LIMITS AT TURN 12 LAP 43 23:21:23	None	None	None	NaN	None



Time Category	
2023-11-19 07:27:15 Flag	YELLOW IN TRACK SECTOR 18
2023-11-19 07:27:17 Other	DRS DISABLED IN ZONE 2
2023-11-19 07:27:22 Flag	CLEAR IN TRACK SECTOR 18
2023-11-19 07:27:23 Other	DRS ENABLED IN ZONE 2
2023-11-19 07:28:52 Other	CAR 44 (HAM) TIME 1:36.425 DELETED - TRACK LIMITS AT TURN 8 LAP 47 23:27:46
2023-11-19 07:28:53 Other	CAR 14 (ALO) TIME 1:36.718 DELETED - TRACK LIMITS AT TURN 8 LAP 47 23:27:47
2023-11-19 07:29:41 Flag	YELLOW IN TRACK SECTOR 18
2023-11-19 07:29:43 Other	DRS DISABLED IN ZONE 2
2023-11-19 07:29:50 Flag	CLEAR IN TRACK SECTOR 18
2023-11-19 07:29:50 Other	DRS ENABLED IN ZONE 2
2023-11-19 07:33:16 Flag	CHEQUERED FLAG
2023-11-19 07:34:43 Flag	YELLOW IN TRACK SECTOR 21
2023-11-19 07:34:47 Flag	YELLOW IN TRACK SECTOR 20
2023-11-19 07:41:58 Flag	CLEAR IN TRACK SECTOR 20
2023-11-19 07:42:03 Flag	CLEAR IN TRACK SECTOR 21

Message	Status	Flag Scope Sector	RacingNumber
None	YELLOW	Sector 18.0	None
None	None	None NaN	None
None	CLEAR	Sector 18.0	None
None	None	None NaN	None
None	None	None NaN	None
None	None	None NaN	None
None	YELLOW	Sector 18.0	None
None	None	None NaN	None
None	CLEAR	Sector 18.0	None
None	None	None NaN	None
None	CHEQUERED	Track NaN	None
None	YELLOW	Sector 21.0	None
None	YELLOW	Sector 20.0	None
None	CLEAR	Sector 20.0	None
None	CLEAR	Sector 21.0	None