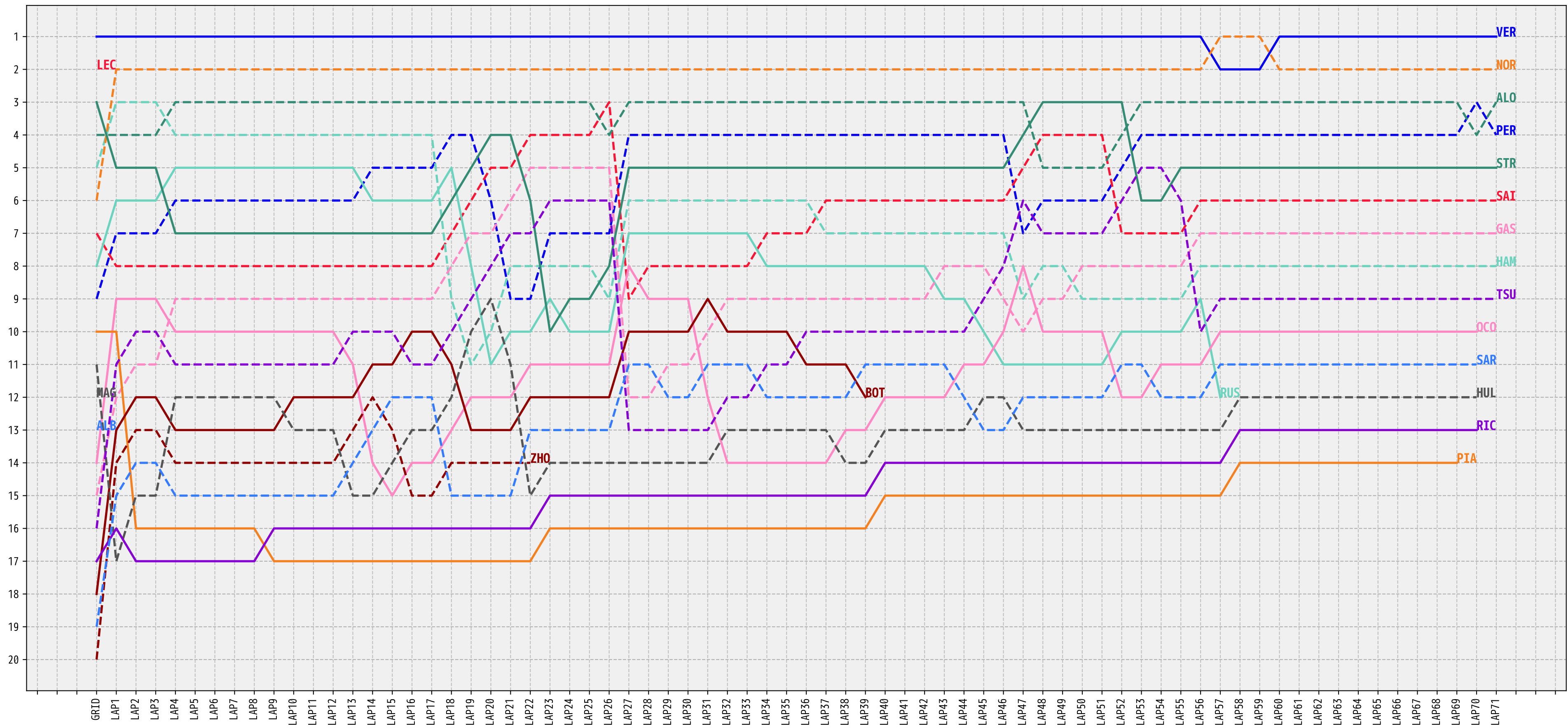
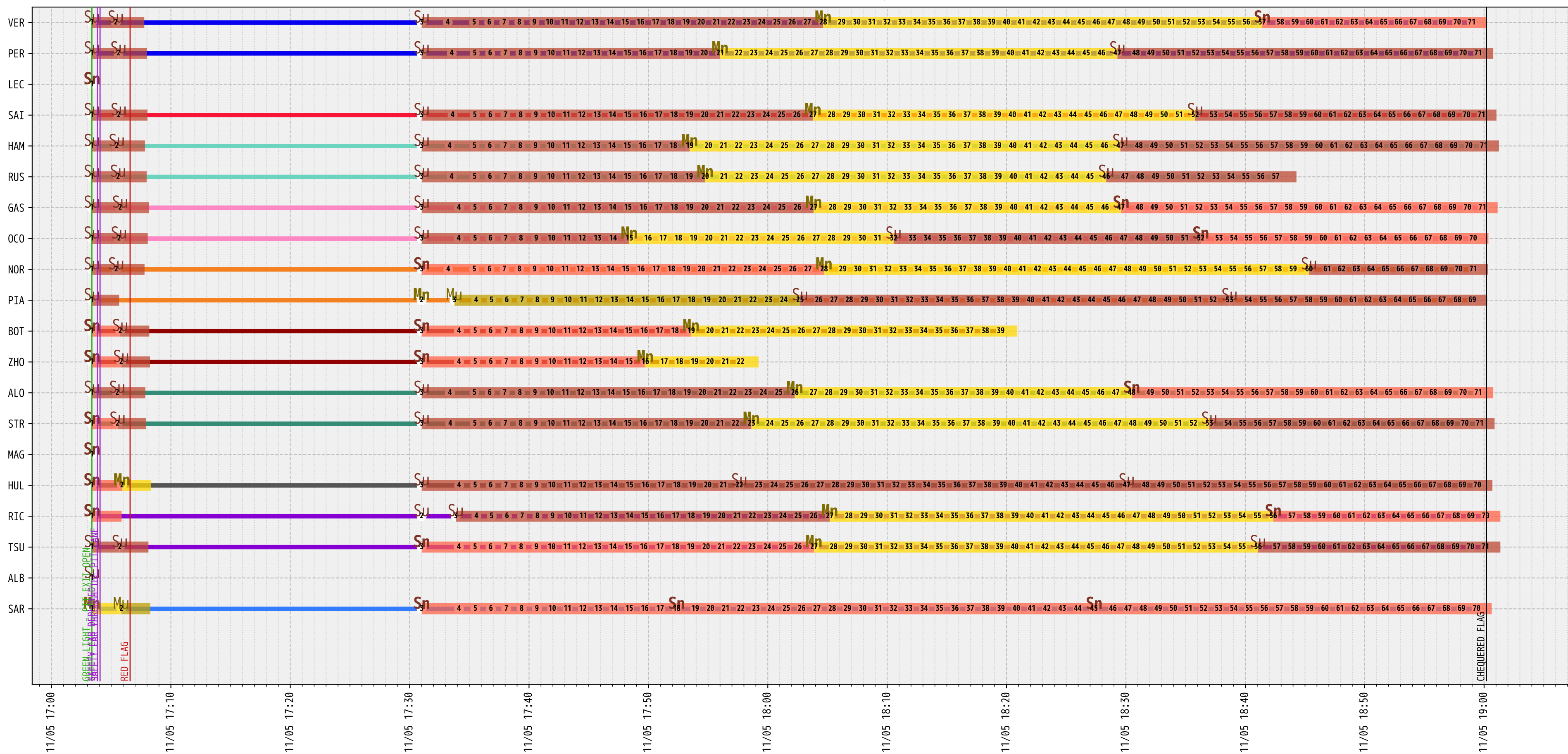


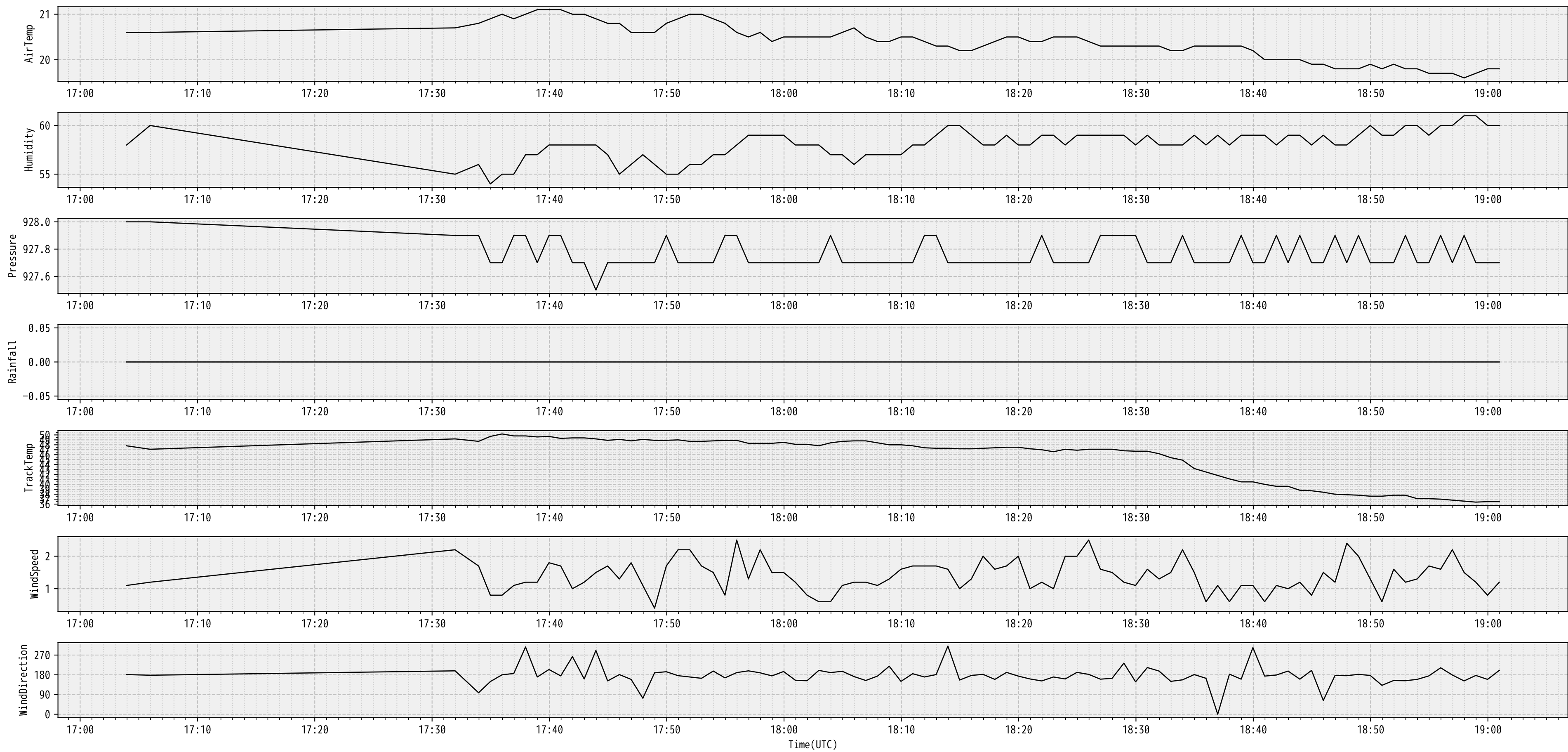
2023 Rd20 São Paulo Grand Prix RaceLapchart



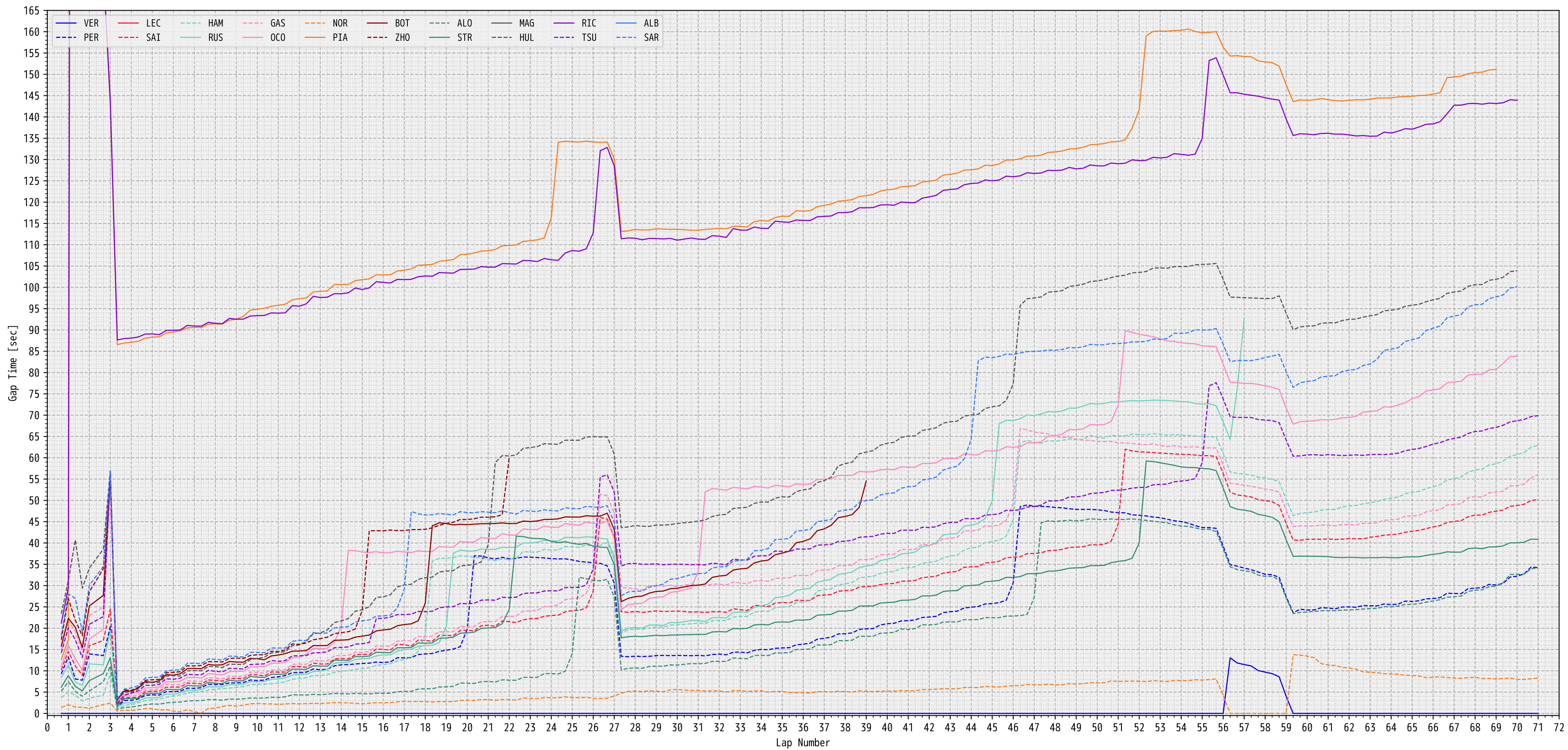
2023 Rd20 São Paulo Grand Prix Race Tyre Chart



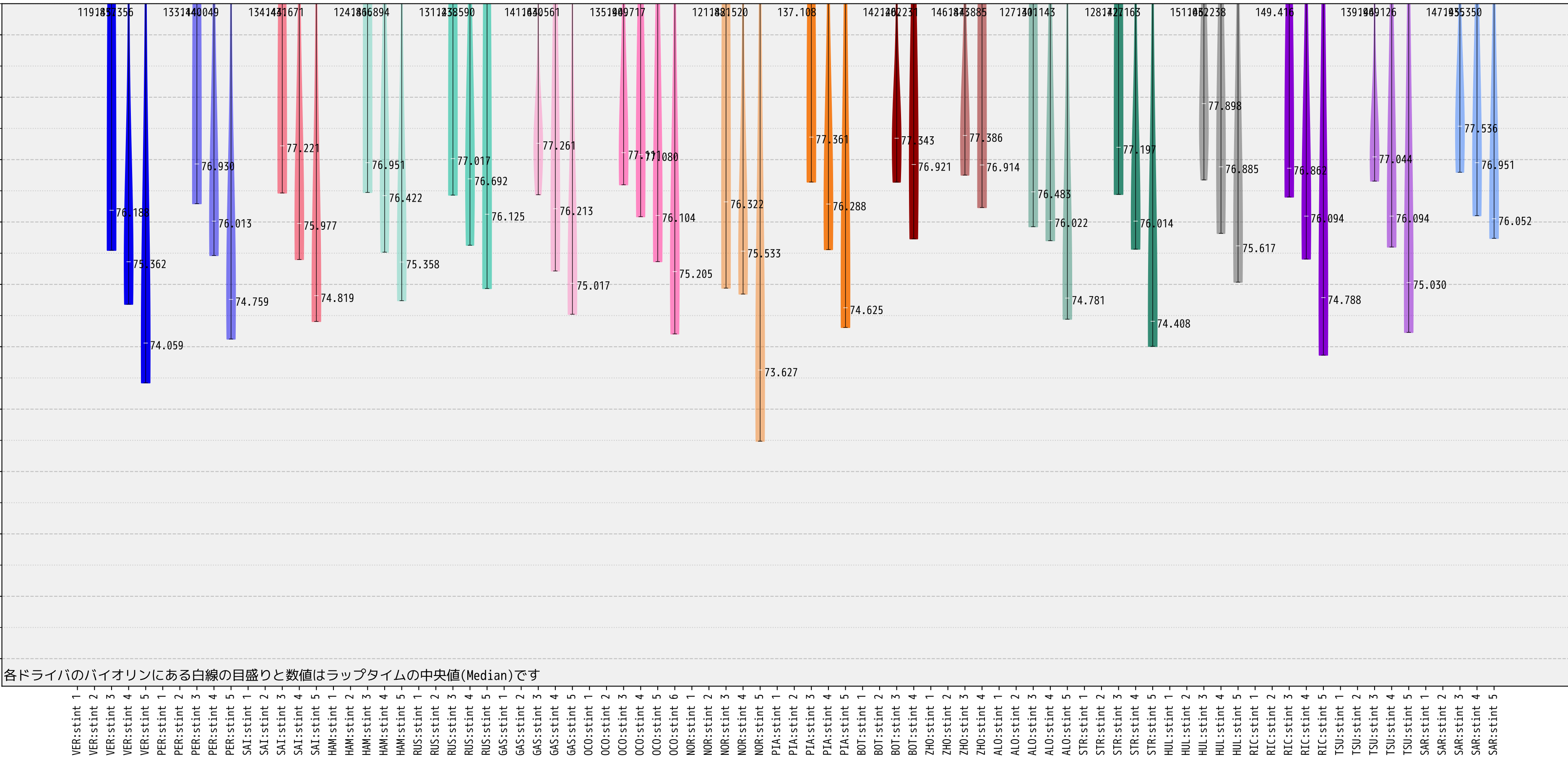
2023 Rd20 São Paulo Grand Prix Race Weather Data



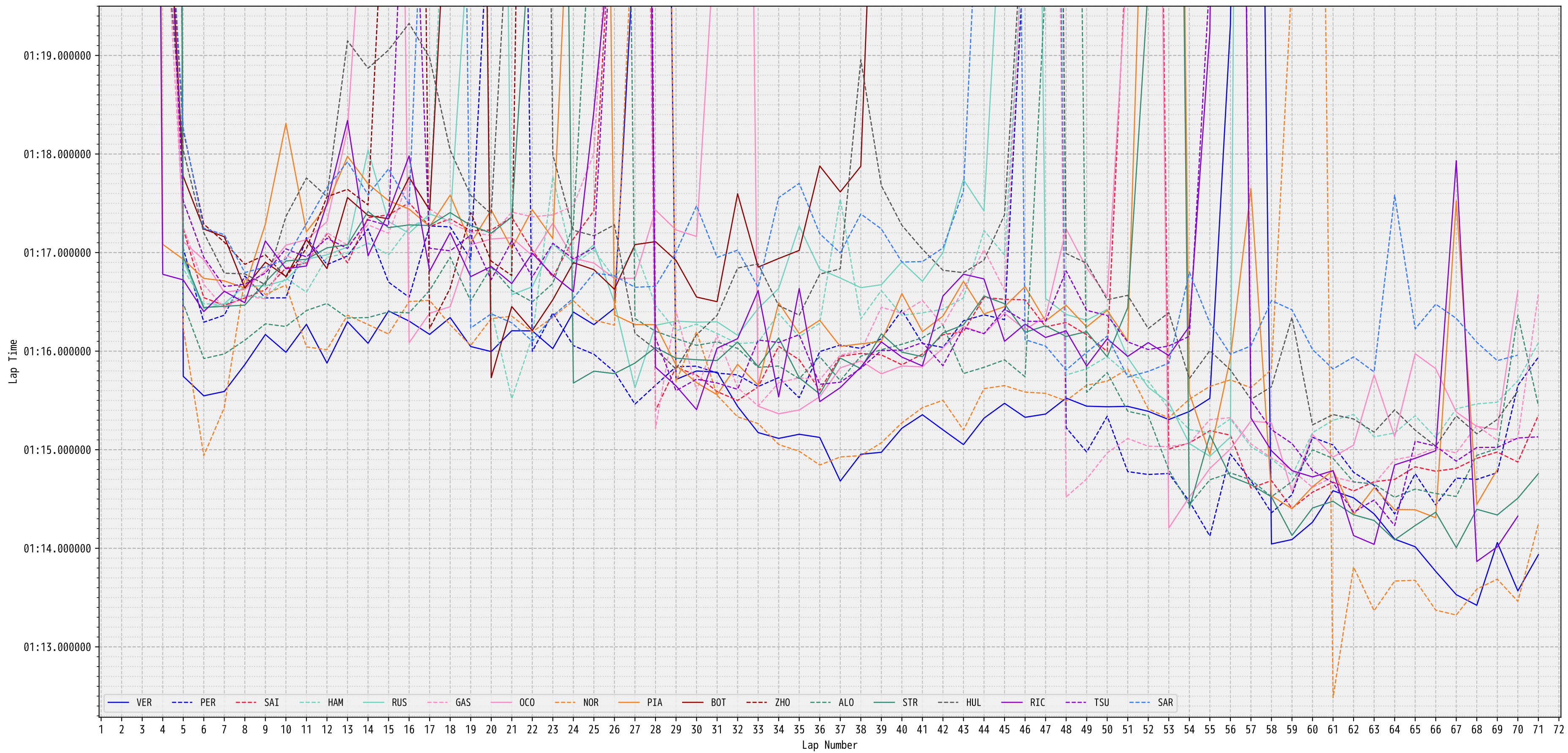
2023 Rd20 São Paulo Grand Prix Race Gap Time

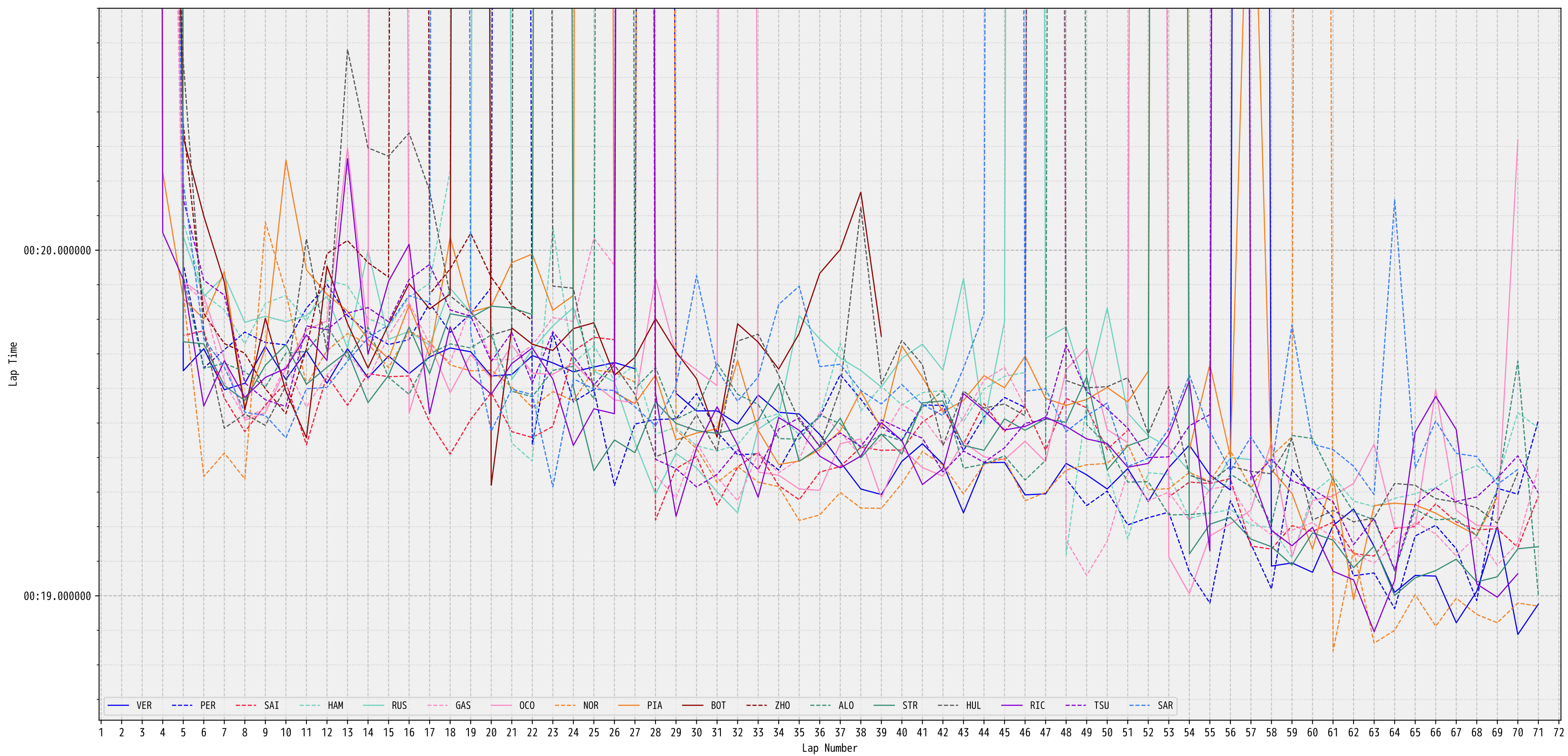


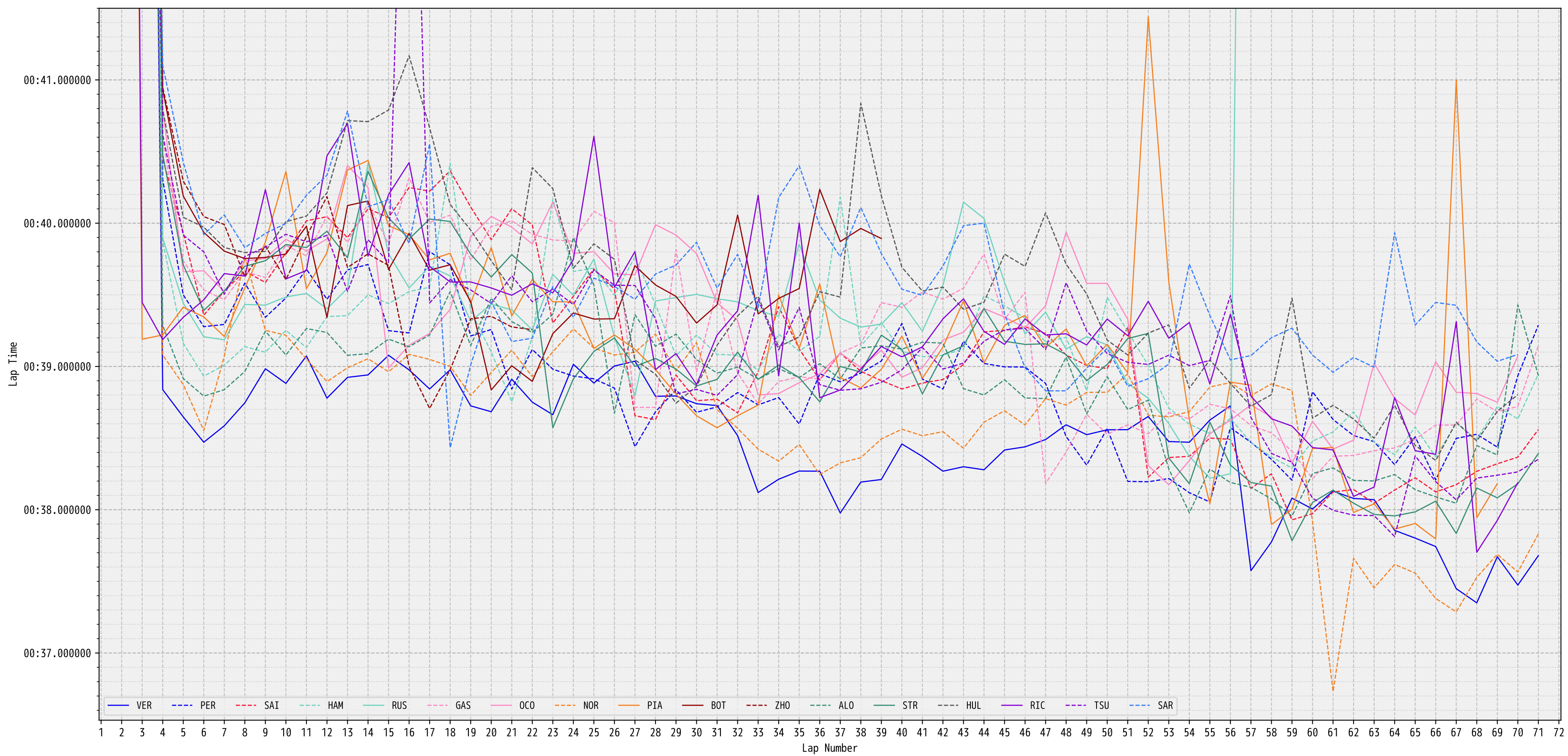
2023 Rd20 São Paulo Grand Prix Race Laptime Violin Plot



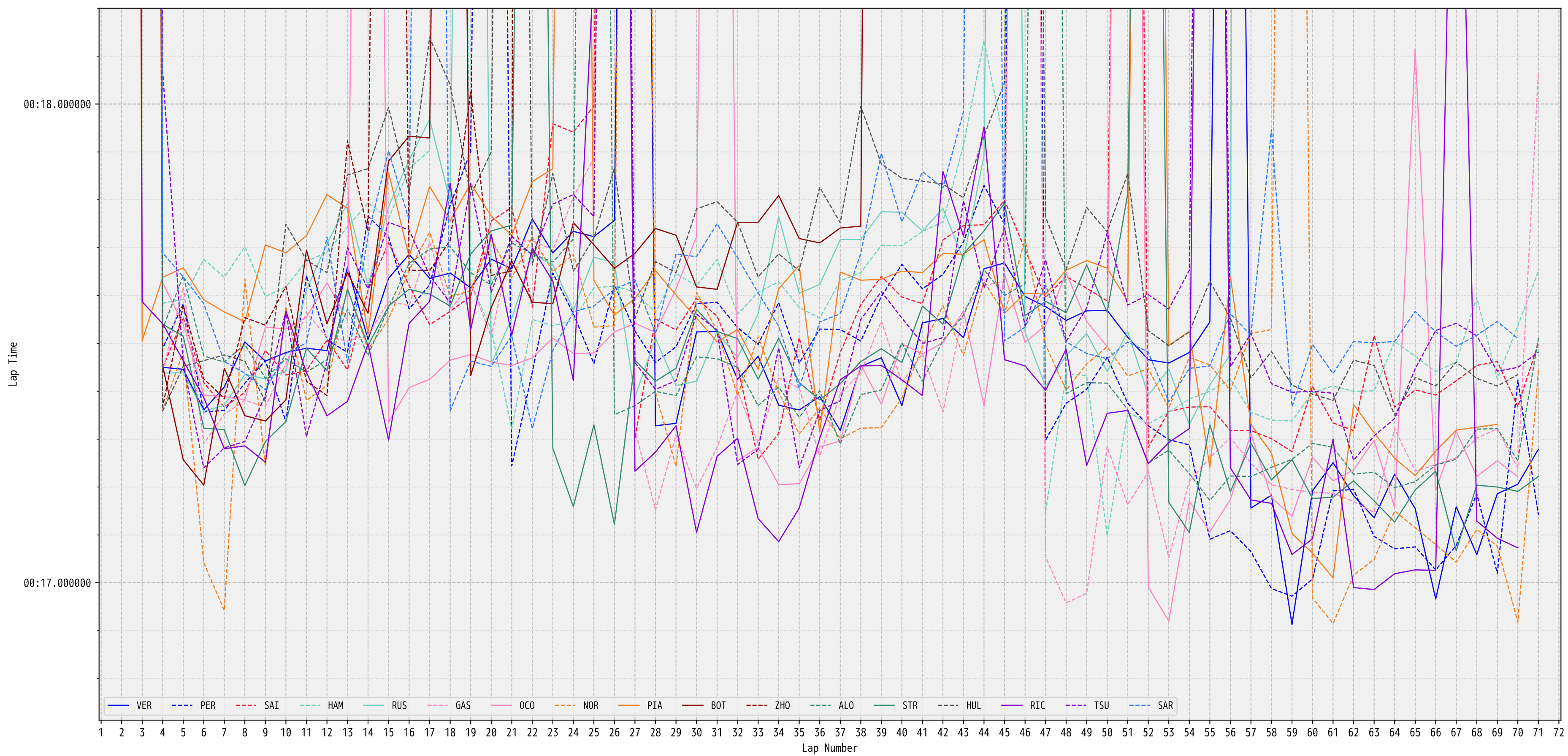
2023 Rd20 São Paulo Grand Prix Race ラップタイム
(1:19.500までのタイムを抽出)



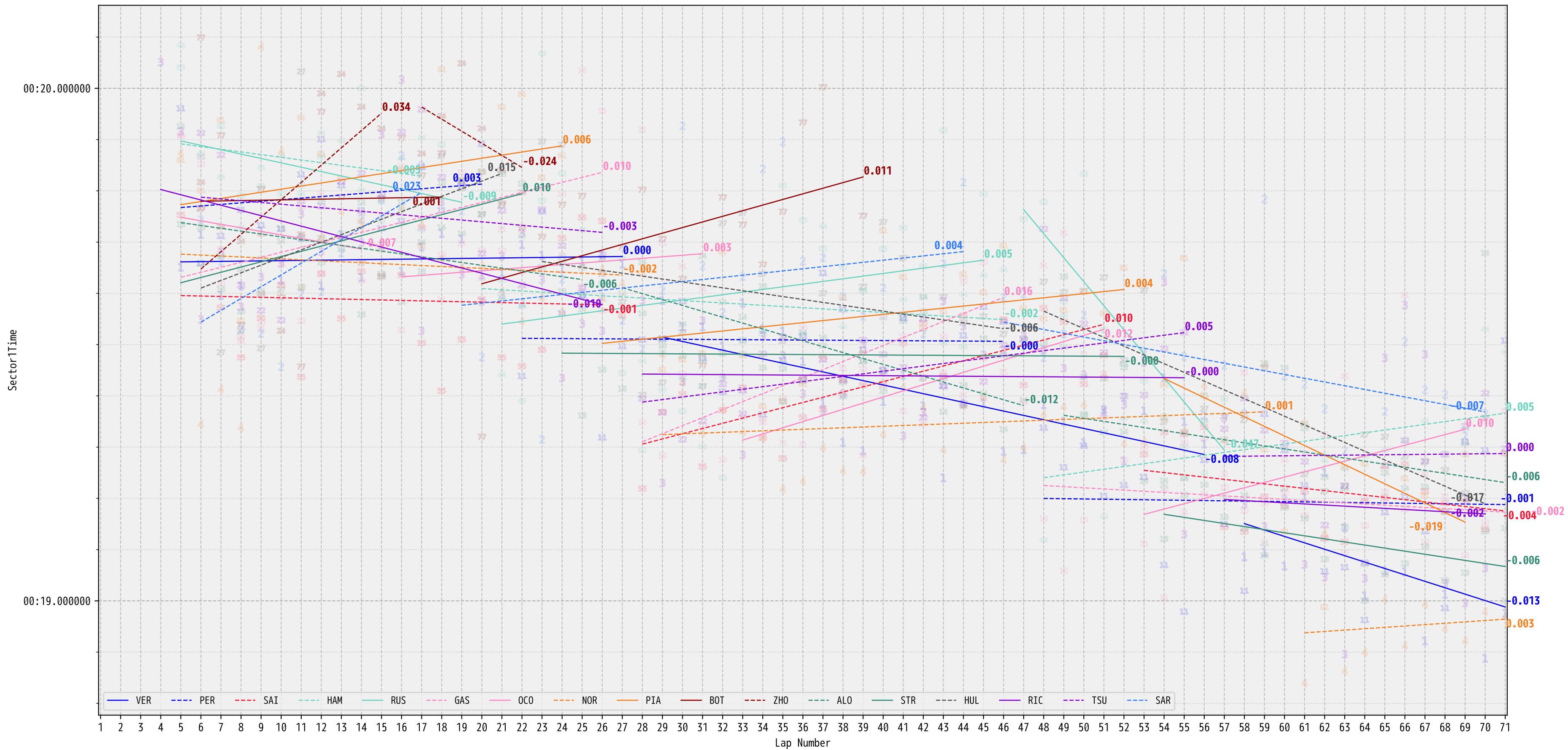
2023 Rd20 São Paulo Grand Prix Race Sector1Time
(0:20.700までのタイムを抽出)

2023 Rd20 São Paulo Grand Prix Race Sector2Time
(0:41.500までのタイムを抽出)

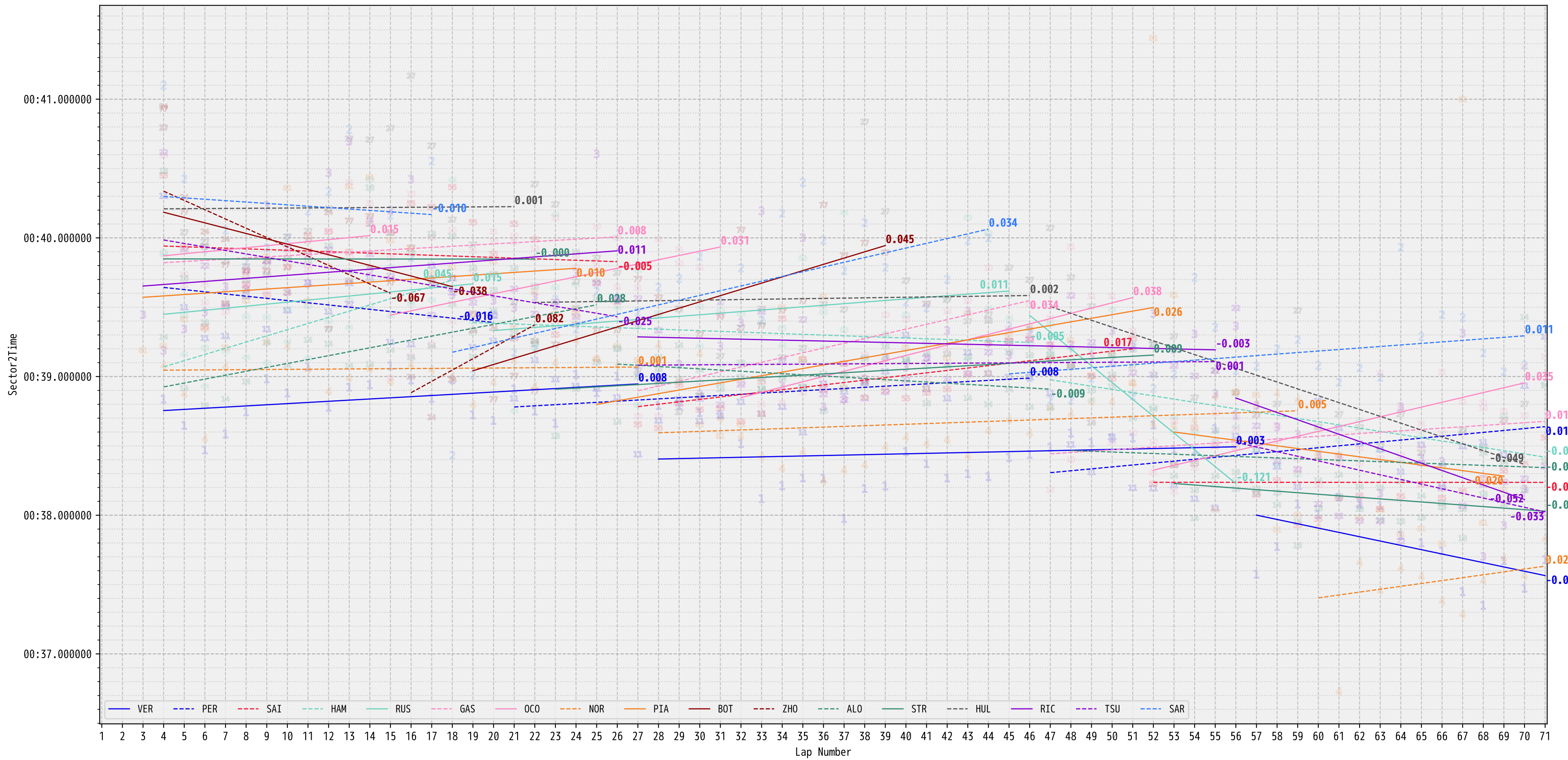
2023 Rd20 São Paulo Grand Prix Race Sector3Time
(0:18.200までのタイムを抽出)



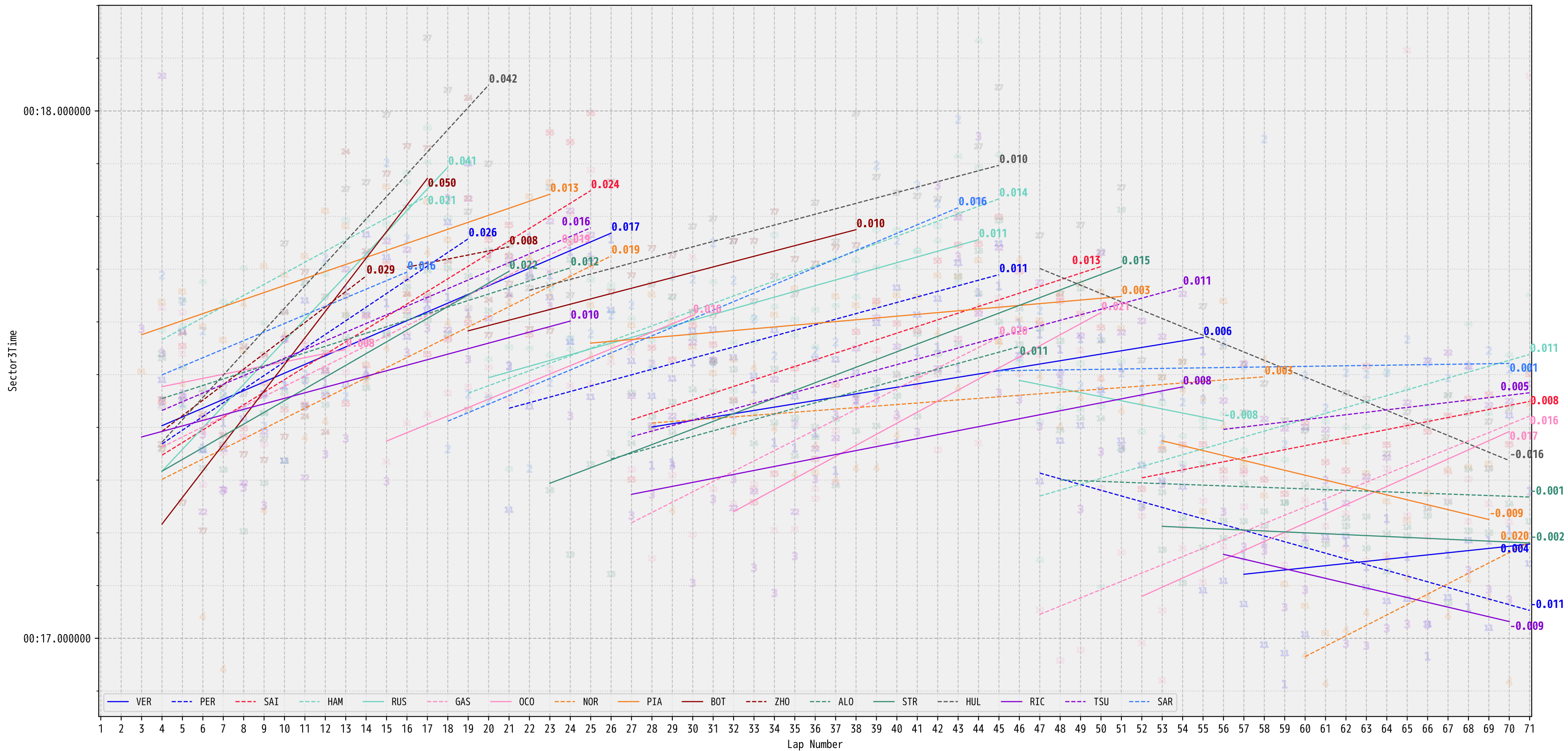
2023 Rd20 São Paulo Grand Prix RaceSector1Timeの直線近似
各ステイントで0:18.000以上0:20.100以下の周回が3周以上の場合に算出



2023 Rd20 São Paulo Grand Prix Race Sector2Timeの直線近似
各ステントで0:36.000以上0:41.500以下の周回が3周以上の場合に算出



2023 Rd20 São Paulo Grand Prix Race Sector3Timeの直線近似
各ステイントで0:16.000以上0:18.200以下の周回が3周以上の場合に算出



Time Category			Message	Status	Flag	Scope	Sector	RacingNumber
2023-11-05 16:04:57	Other	PINK HEAD PADDING MATERIAL MUST BE USED	None	None	None	NaN	None	
2023-11-05 16:10:02	Flag	GREEN LIGHT - PIT EXIT OPEN	None	GREEN	Track	NaN	None	
2023-11-05 16:20:01	Other	PIT EXIT CLOSED	None	None	None	NaN	None	
2023-11-05 16:45:09	Other	RISK OF RAIN FOR F1 RACE IS 0 %	None	None	None	NaN	None	
2023-11-05 16:57:05	Drs	DRS DISABLED	DISABLED	None	None	NaN	None	
2023-11-05 17:01:00	Flag	DOUBLE YELLOW IN TRACK SECTOR 8	None	DOUBLE YELLOW	Sector	8.0	None	
2023-11-05 17:01:14	Flag	CLEAR IN TRACK SECTOR 8	None	CLEAR	Sector	8.0	None	
2023-11-05 17:01:14	Flag	YELLOW IN TRACK SECTOR 8	None	YELLOW	Sector	8.0	None	
2023-11-05 17:01:46	Flag	CLEAR IN TRACK SECTOR 8	None	CLEAR	Sector	8.0	None	
2023-11-05 17:02:00	Flag	YELLOW IN TRACK SECTOR 9	None	YELLOW	Sector	9.0	None	
2023-11-05 17:02:15	Flag	CLEAR IN TRACK SECTOR 9	None	CLEAR	Sector	9.0	None	
2023-11-05 17:03:23	Flag	GREEN LIGHT - PIT EXIT OPEN	None	GREEN	Track	NaN	None	
2023-11-05 17:03:32	Flag	DOUBLE YELLOW IN TRACK SECTOR 2	None	DOUBLE YELLOW	Sector	2.0	None	
2023-11-05 17:03:50	SafetyCar	SAFETY CAR DEPLOYED	DEPLOYED	None	None	NaN	None	
2023-11-05 17:04:04	SafetyCar	SAFETY CAR THROUGH THE PIT LANE	THROUGH THE PIT LANE	None	None	NaN	None	
2023-11-05 17:06:35	Flag	RED FLAG	None	RED	Track	NaN	None	
2023-11-05 17:06:35	Flag	CLEAR IN TRACK SECTOR 2	None	CLEAR	Sector	2.0	None	
2023-11-05 17:15:39	Other	ORDER FOR RESTART: 1, 4, 44, 14, 18, 63, 11, 55, 31, 22, 10, 77, 24, 2, 27, 81, 3	None	None	None	NaN	None	
2023-11-05 17:19:22	Other	PIT LANE ENTRY OPEN	None	None	None	NaN	None	
2023-11-05 17:20:25	Other	RACE WILL RESUME AT 14:31	None	None	None	NaN	None	
2023-11-05 17:24:57	Other	LAP 1 TURN 1 INCIDENT INVOLVING CARS 23 (ALB) AND 20 (MAG) NOTED - CAUSING A COLLISION	None	None	None	NaN	None	
2023-11-05 17:27:51	Flag	TRACK CLEAR	None	CLEAR	Track	NaN	None	
2023-11-05 17:29:01	Other	RACE WILL RESUME AT 14:31 - STANDING START PROCEDURE	None	None	None	NaN	None	
2023-11-05 17:30:46	Other	ALL CARS MAY OVERTAKE THE SAFETY CAR	None	None	None	NaN	None	
2023-11-05 17:35:37	Other	FIA STEWARDS: LAP 1 TURN 1 INCIDENT INVOLVING CARS 23 (ALB) AND 20 (MAG) REVIEWED NO FURTHER INVESTIGATION - CAUSING A COLLISION	None	None	None	NaN	None	
2023-11-05 17:36:37	Drs	DRS ENABLED	ENABLED	None	None	NaN	None	
2023-11-05 17:48:25	Flag	WAVED BLUE FLAG FOR CAR 3 (RIC) TIMED AT 14:48:24	None	BLUE	Driver	NaN	3	
2023-11-05 17:49:47	Flag	WAVED BLUE FLAG FOR CAR 81 (PIA) TIMED AT 14:49:46	None	BLUE	Driver	NaN	81	
2023-11-05 17:52:14	Flag	WAVED BLUE FLAG FOR CAR 3 (RIC) TIMED AT 14:52:14	None	BLUE	Driver	NaN	3	
2023-11-05 18:02:09	Flag	WAVED BLUE FLAG FOR CAR 81 (PIA) TIMED AT 15:02:08	None	BLUE	Driver	NaN	81	
2023-11-05 18:03:20	Flag	WAVED BLUE FLAG FOR CAR 3 (RIC) TIMED AT 15:03:20	None	BLUE	Driver	NaN	3	
2023-11-05 18:05:47	Flag	WAVED BLUE FLAG FOR CAR 3 (RIC) TIMED AT 15:05:47	None	BLUE	Driver	NaN	3	

Time Category			Message	Status	Flag	Scope	Sector	RacingNumber
2023-11-05 18:14:25	Flag	WAVED BLUE FLAG FOR CAR 3 (RIC) TIMED AT 15:14:25	None	BLUE	Driver	NaN		3
2023-11-05 18:15:05	Flag	WAVED BLUE FLAG FOR CAR 81 (PIA) TIMED AT 15:15:05	None	BLUE	Driver	NaN		81
2023-11-05 18:16:58	Flag	WAVED BLUE FLAG FOR CAR 3 (RIC) TIMED AT 15:16:57	None	BLUE	Driver	NaN		3
2023-11-05 18:18:12	Flag	WAVED BLUE FLAG FOR CAR 81 (PIA) TIMED AT 15:18:12	None	BLUE	Driver	NaN		81
2023-11-05 18:37:35	Flag	WAVED BLUE FLAG FOR CAR 81 (PIA) TIMED AT 15:37:35	None	BLUE	Driver	NaN		81
2023-11-05 18:37:56	Flag	WAVED BLUE FLAG FOR CAR 81 (PIA) TIMED AT 15:37:55	None	BLUE	Driver	NaN		81
2023-11-05 18:38:27	Flag	WAVED BLUE FLAG FOR CAR 81 (PIA) TIMED AT 15:38:26	None	BLUE	Driver	NaN		81
2023-11-05 18:41:40	Flag	WAVED BLUE FLAG FOR CAR 81 (PIA) TIMED AT 15:41:39	None	BLUE	Driver	NaN		81
2023-11-05 18:42:07	Flag	WAVED BLUE FLAG FOR CAR 3 (RIC) TIMED AT 15:42:06	None	BLUE	Driver	NaN		3
2023-11-05 18:42:55	Flag	WAVED BLUE FLAG FOR CAR 3 (RIC) TIMED AT 15:42:55	None	BLUE	Driver	NaN		3
2023-11-05 18:43:33	Flag	WAVED BLUE FLAG FOR CAR 81 (PIA) TIMED AT 15:43:32	None	BLUE	Driver	NaN		81
2023-11-05 18:43:42	Flag	WAVED BLUE FLAG FOR CAR 63 (RUS) TIMED AT 15:43:42	None	BLUE	Driver	NaN		63
2023-11-05 18:45:13	Flag	WAVED BLUE FLAG FOR CAR 2 (SAR) TIMED AT 15:45:13	None	BLUE	Driver	NaN		2
2023-11-05 18:50:19	Flag	WAVED BLUE FLAG FOR CAR 81 (PIA) TIMED AT 15:50:19	None	BLUE	Driver	NaN		81
2023-11-05 18:51:37	Flag	WAVED BLUE FLAG FOR CAR 81 (PIA) TIMED AT 15:51:36	None	BLUE	Driver	NaN		81
2023-11-05 18:51:53	Flag	WAVED BLUE FLAG FOR CAR 2 (SAR) TIMED AT 15:51:53	None	BLUE	Driver	NaN		2
2023-11-05 18:53:42	Flag	WAVED BLUE FLAG FOR CAR 31 (OCO) TIMED AT 15:53:41	None	BLUE	Driver	NaN		31
2023-11-05 18:58:49	Flag	WAVED BLUE FLAG FOR CAR 31 (OCO) TIMED AT 15:58:48	None	BLUE	Driver	NaN		31
2023-11-05 19:00:12	Flag	CHEQUERED FLAG	None	CHEQUERED	Track	NaN		None