



FIA WORLD ENDURANCE
CHAMPIONSHIP
A PARTNERSHIP  

Driver Performance Review

WEC BAHRAIN HYP

FIA WORLD ENDURANCE CHAMPIONSHIP

General Information

This report is using solely timing data available to the teams via Alkamel without any consideration of factors that would influence the performance such as ambient/track conditions or race strategy (tire wear, fuel saving, etc.)

Raising average and box plot charts of the lap time are presented in the report, as well as a summary table of the computed ranking.

Data has been filtered to only keep lap times which are flying laps; in/out laps and VSC/SC laps have been removed from the purpose of this study.

Entry List

N°	HYPERCAR	NAT	T	CARS	MISC	DRIVER 1	DRIVER 2	DRIVER 3	12
2	CADILLAC RACING	USA 	M	Cadillac V-Series.R	Hybrid	Earl Bamber (NZL)	Alex Lynn (GBR)	Richard Westbrook (GBR)	P
4	FLOYD VANWALL RACING TEAM	AUT 	M	Vanwall Vandervell 680		Esteban Guerrieri (ARG)	Tristan Vautier (FRA)	Ryan Briscoe (USA)	P
5	PORSCHE PENSKE MOTORSPORT	DEU 	M	Porsche 963	Hybrid	Dane Cameron (USA)	Michael Christensen (DNK)	Frédéric Makowiecki (FRA)	P
6	PORSCHE PENSKE MOTORSPORT	DEU 	M	Porsche 963	Hybrid	Kévin Estre (FRA)	André Lotterer (DEU)	Laurens Vanthoor (BEL)	P
7	TOYOTA GAZOO RACING	JPN 	M	Toyota GR010 - Hybrid	Hybrid	Mike Conway (GBR)	Kamui Kobayashi (JPN)	Jose Maria Lopez (ARG)	P
8	TOYOTA GAZOO RACING	JPN 	M	Toyota GR010 - Hybrid	Hybrid	Sébastien Buemi (CHE)	Brendon Hartley (NZL)	Ryo Hirakawa (JPN)	P
38	HERTZ TEAM JOTA	GBR 	M	Porsche 963	Hybrid	António Félix da Costa (PRT)	William Stevens (GBR)	Yifei Ye (CHN)	G
50	FERRARI AF CORSE	ITA 	M	Ferrari 499P	Hybrid	Antonio Fuoco (ITA)	Miguel Molina (ESP)	Nicklas Nielsen (DNK)	P
51	FERRARI AF CORSE	ITA 	M	Ferrari 499P	Hybrid	Alessandro Pier Guidi (ITA)	James Calado (GBR)	Antonio Giovinazzi (ITA)	P
93	PEUGEOT TOTALENERGIES	FRA 	M	Peugeot 9X8	Hybrid	Paul Di Resta (GBR)	Mikkel Jensen (DNK)	Jean-Éric Vergne (FRA)	P
94	PEUGEOT TOTALENERGIES	FRA 	M	Peugeot 9X8	Hybrid	Loic Duval (FRA)	Gustavo Menezes (USA)	Nico Müller (CHE)	P
99	PROTON COMPETITION	DEU 	M	Porsche 963	Hybrid	Neel Jani (CHE)	Gianmaria Bruni (ITA)	Harry Tincknell (GBR)	P

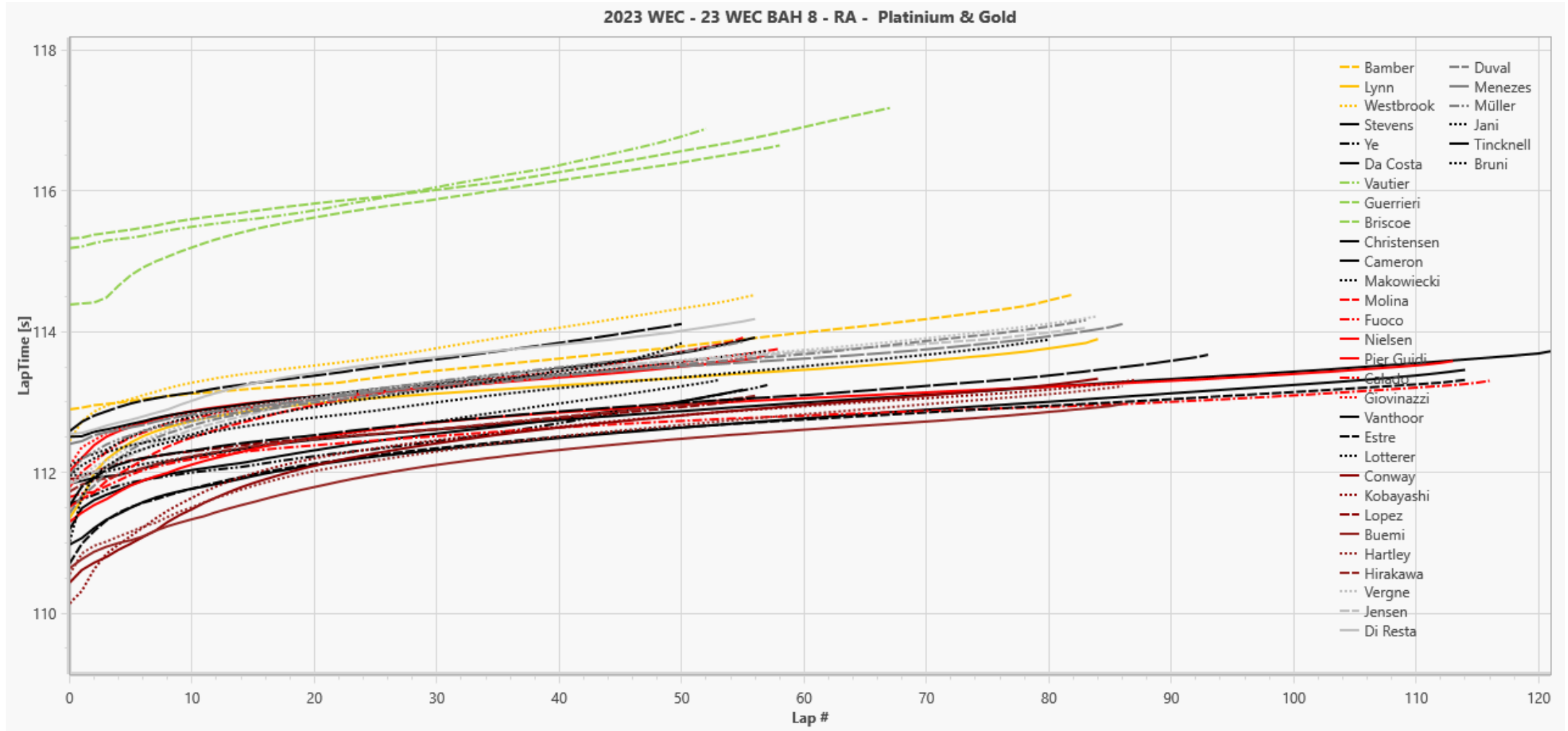
Stint Overview

	0:16	0:33	0:50	1:06	1:23	1:40	1:56	2:13	2:30	2:46	3:03	3:20	3:36	3:53	4:10	4:26	4:43	5:00	5:16	5:33	5:50	6:06	6:23	6:40	6:56	7:13	7:30	7:46			
2	Earl Bamber B: 1:52.897 B20%: 1:52.922	Earl Bamber B: 1:53.957 B20%: 1:54.167	Earl Bamber B: 1:53.026 B20%: 1:53.185	Earl Bamber B: 1:53.026 B20%: 1:53.185	Alex Lynn B: 1:53.097 B20%: 1:53.264	Alex Lynn B: 1:52.993 B20%: 1:53.260	Richard Westbrook B: 1:52.448 B20%: 1:53.298	Richard Westbrook B: 1:53.011 B20%: 1:53.333	Alex Lynn B: 1:51.352 B20%: 1:52.438	Earl Bamber B: 1:53.268 B20%: 1:53.562																					
38	William Stevens B: 1:51.736 B20%: 1:52.197	William Stevens B: 1:52.978 B20%: 1:53.283	Yifei Ye B: 1:51.554 B20%: 1:51.857	Yifei Ye B: 1:52.290 B20%: 1:52.630	Antonio Felix Da Costa B: 1:51.794 B20%: 1:52.001	Antonio Felix Da Costa B: 1:51.193 B20%: 1:52.091	Antonio Felix Da Costa B: 1:53.050 B20%: 1:53.327	William Stevens B: 1:50.976 B20%: 1:51.975	William Stevens B: 1:51.162 B20%: 1:51.938																						
4	Tristan Vautier B: 1:55.360 B20%: 1:55.580	Esteban Guerrieri B: 1:55.550 B20%: 1:55.777	Ryan Briscoe B: 1:55.348 B20%: 1:55.618	Tristan Vautier B: 1:55.190 B20%: 1:55.453	Esteban Guerrieri B: 1:54.387 B20%: 1:54.810	Ryan Briscoe B: 1:58.057 B20%: 1:58.164	Ryan Briscoe B: 1:55.326 B20%: 1:55.514	Ryan Briscoe B: 1:57.656 B20%: 1:57.709																							
5	Michael Christensen B: 1:51.925 B20%: 1:52.412	Michael Christensen B: 1:53.318 B20%: 1:53.485	Dane Cameron B: 1:52.588 B20%: 1:53.017	Dane Cameron B: 1:53.053 B20%: 1:53.645	Frédéric Makowiecki B: 1:51.963 B20%: 1:52.106	Frédéric Makowiecki B: 1:52.205 B20%: 1:52.388	Michael Christensen B: 1:52.346 B20%: 1:52.534	Michael Christensen B: 1:51.843 B20%: 1:52.282	Michael Christensen B: 1:52.862 B20%: 1:53.079																						
50	Miguel Molina B: 1:51.512 B20%: 1:52.075	Miguel Molina B: 1:52.828 B20%: 1:53.106	Antonio Fuoco B: 1:52.442 B20%: 1:52.572	Antonio Fuoco B: 1:52.424 B20%: 1:52.876	Nicklas Nielsen B: 1:52.017 B20%: 1:52.685	Nicklas Nielsen B: 1:52.958 B20%: 1:53.144	Antonio Fuoco B: 1:51.652 B20%: 1:51.969	Antonio Fuoco B: 1:52.555 B20%: 1:52.618																							
51	Alessandro Pier Guidi B: 1:51.560 B20%: 1:52.122	Alessandro Pier Guidi B: 1:53.094 B20%: 1:53.218	James Calado B: 1:51.797 B20%: 1:52.763	James Calado B: 1:52.226 B20%: 1:52.935	Antonio Giovinnazzi B: 1:52.095 B20%: 1:52.678	Antonio Giovinnazzi B: 1:53.096 B20%: 1:53.353	Alessandro Pier Guidi B: 1:51.300 B20%: 1:52.206	Alessandro Pier Guidi B: 1:52.793 B20%: 1:52.952																							
6	Laurens Vanthoor B: 1:53.087 B20%: 1:53.223	Laurens Vanthoor B: 1:52.508 B20%: 1:52.691	Kevin Estre B: 1:51.528 B20%: 1:52.146	Kevin Estre B: 1:51.946 B20%: 1:52.592	André Lotterer B: 1:52.090 B20%: 1:52.826	André Lotterer B: 1:52.329 B20%: 1:52.840	Kevin Estre B: 1:50.707 B20%: 1:51.689	Kevin Estre B: 1:51.877 B20%: 1:52.566																							
7	Mike Conway B: 1:50.924 B20%: 1:51.584	Mike Conway B: 1:52.300 B20%: 1:52.900	Kamui Kobayashi B: 1:50.498 B20%: 1:52.065	Kamui Kobayashi B: 1:51.504 B20%: 1:52.324	Jose Maria Lopez B: 1:51.923 B20%: 1:52.251	Jose Maria Lopez B: 1:51.910 B20%: 1:52.556	Mike Conway B: 1:50.434 B20%: 1:51.621	Kamui Kobayashi B: 1:50.139 B20%: 1:51.872																							
8	Sébastien Buemi B: 1:51.083 B20%: 1:51.443	Sébastien Buemi B: 1:51.737 B20%: 1:52.192	Brendon Hartley B: 1:51.147 B20%: 1:51.986	Brendon Hartley B: 1:51.176 B20%: 1:52.035	Ryo Hirakawa B: 1:52.002 B20%: 1:52.246	Ryo Hirakawa B: 1:51.729 B20%: 1:52.294	Sébastien Buemi B: 1:50.640 B20%: 1:51.515	Brendon Hartley B: 1:50.554 B20%: 1:51.697																							
93	Jean-Eric Vergne B: 1:52.363 B20%: 1:52.918	Jean-Eric Vergne B: 1:53.503 B20%: 1:53.728	Mikkel Jensen B: 1:51.843 B20%: 1:52.769	Mikkel Jensen B: 1:53.631 B20%: 1:53.751	Paul Di Resta B: 1:52.548 B20%: 1:52.749	Paul Di Resta B: 1:53.873 B20%: 1:53.990	Jean-Eric Vergne B: 1:51.866 B20%: 1:52.624	Mikkel Jensen B: 1:51.971 B20%: 1:52.479																							
94	Loic Duval B: 1:52.950 B20%: 1:53.170	Loic Duval B: 1:52.982 B20%: 1:53.306	Gustavo Menezes B: 1:52.697 B20%: 1:52.958	Gustavo Menezes B: 1:53.705 B20%: 1:53.804	Nico Müller B: 1:51.956 B20%: 1:52.531	Nico Müller B: 1:53.364 B20%: 1:53.587	Loic Duval B: 1:51.424 B20%: 1:52.359	Gustavo Menezes B: 1:52.407 B20%: 1:52.772																							
99	Neel Jani B: 1:52.634 B20%: 1:53.126	Neel Jani B: 1:52.201 B20%: 1:53.641	Harry Tincknell B: 1:52.164 B20%: 1:52.481	Harry Tincknell B: 1:52.392 B20%: 1:52.502	Gianmaria Bruni B: 1:51.948 B20%: 1:52.388	Gianmaria Bruni B: 1:53.190 B20%: 1:53.343	Neel Jani B: 1:51.016 B20%: 1:52.281	Harry Tincknell B: 1:51.531 B20%: 1:52.460	Harry Tincknell B: 1:54.036 B20%: 1:54.218																						

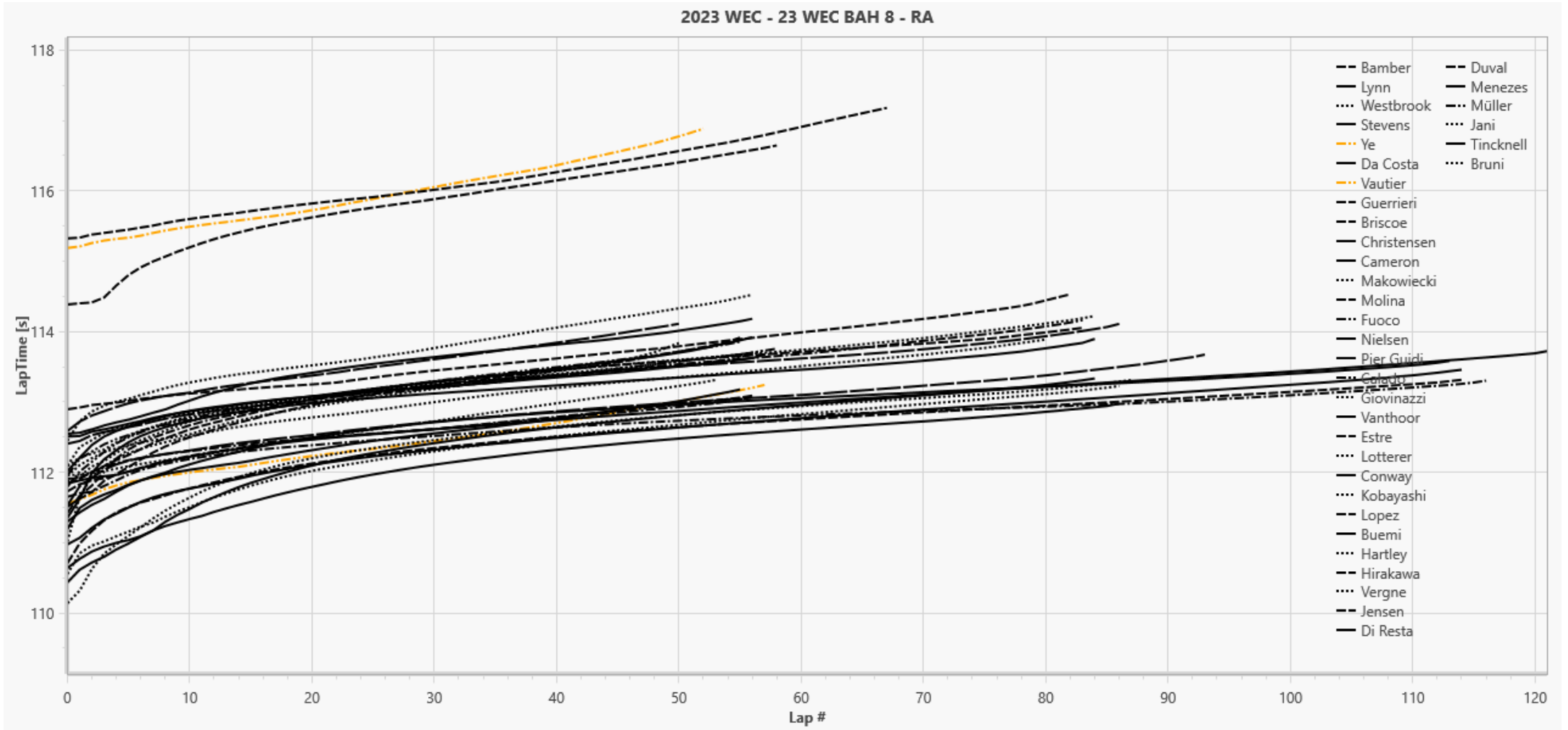
B : Best lap time

B20% : Best 20 % average lap time

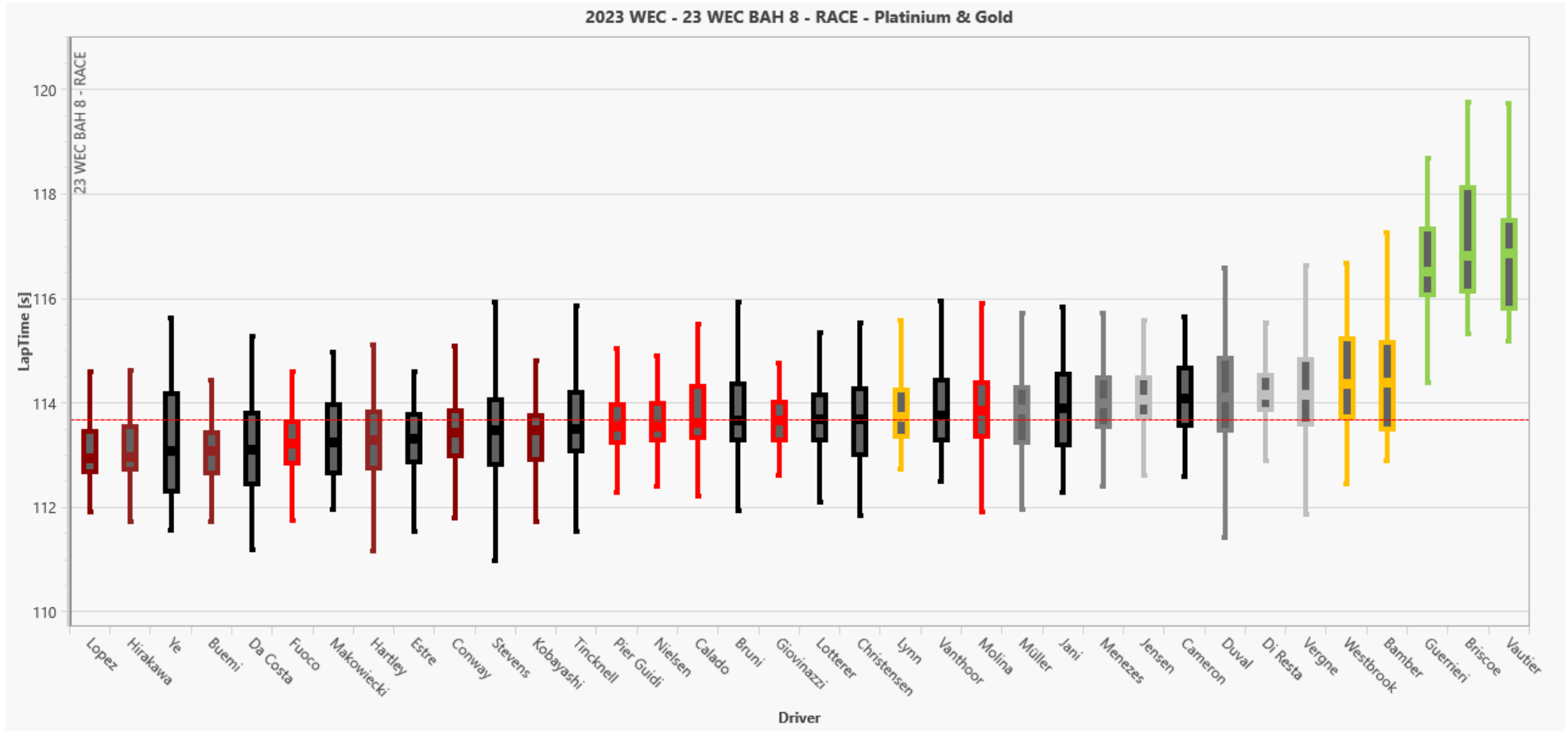
RAISING AVERAGE Per Categories | Platinum & Gold



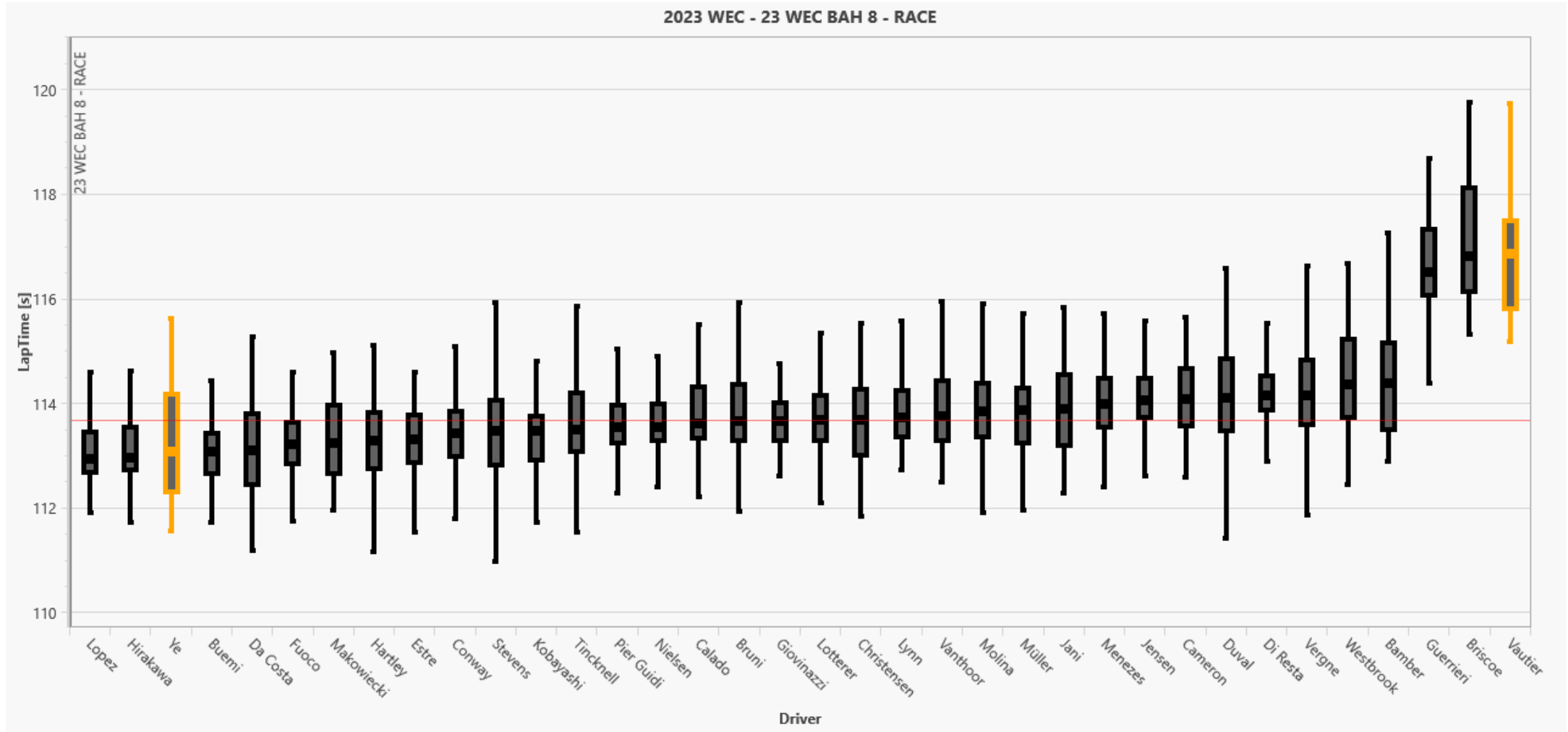
RAISING AVERAGE ALL | All Categories



BoxPlot Per Categories | Platinum & Gold



BoxPlot All | All Categories



Ranking

Ranking is considering driver performance and consistency.

Driver	Team	Car	Driver Category	NLaps Considered	Ranking Per Category
8 - Sébastien Buemi	TOYOTA GAZOO RACING	GR010 - Hybrid	Platinum	63	1
8 - Brendon Hartley	TOYOTA GAZOO RACING	GR010 - Hybrid	Platinum	53	2
6 - Kevin Estre	PORSCHE PENSKE MOTORSPORT	963	Platinum	75	3
7 - Mike Conway	TOYOTA GAZOO RACING	GR010 - Hybrid	Platinum	47	4
38 - William Stevens	HERTZ TEAM JOTA	963	Platinum	76	5
7 - Kamui Kobayashi	TOYOTA GAZOO RACING	GR010 - Hybrid	Platinum	33	6
38 - Yifei Ye	HERTZ TEAM JOTA	963	Gold	45	1
38 - Antonio Felix Da Costa	HERTZ TEAM JOTA	963	Platinum	41	7
50 - Antonio Fuoco	FERRARI AF CORSE	499P	Platinum	92	8
7 - Jose Maria Lopez	TOYOTA GAZOO RACING	GR010 - Hybrid	Platinum	46	9
8 - Ryo Hirakawa	TOYOTA GAZOO RACING	GR010 - Hybrid	Platinum	46	10
5 - Frédéric Makowiecki	PORSCHE PENSKE MOTORSPORT	963	Platinum	44	11
51 - Alessandro Pier Guidi	FERRARI AF CORSE	499P	Platinum	84	12
99 - Harry Tincknell	PROTON COMPETITION	963	Platinum	65	13
5 - Michael Christensen	PORSCHE PENSKE MOTORSPORT	963	Platinum	93	14
99 - Neel Jani	PROTON COMPETITION	963	Platinum	46	15
2 - Alex Lynn	CADILLAC RACING	V-LMDh	Platinum	58	16
99 - Gianmaria Bruni	PROTON COMPETITION	963	Platinum	38	17
50 - Nicklas Nielsen	FERRARI AF CORSE	499P	Platinum	46	18
51 - Antonio Giovinazzi	FERRARI AF CORSE	499P	Platinum	44	19
94 - Loïc Duval	PEUGEOT TOTALENERGIES	9X8	Platinum	50	20
51 - James Calado	FERRARI AF CORSE	499P	Platinum	46	21
50 - Miguel Molina	FERRARI AF CORSE	499P	Platinum	37	22
6 - André Lotterer	PORSCHE PENSKE MOTORSPORT	963	Platinum	47	23
6 - Laurens Vanthoor	PORSCHE PENSKE MOTORSPORT	963	Platinum	44	24
94 - Nico Müller	PEUGEOT TOTALENERGIES	9X8	Platinum	44	25
94 - Gustavo Menezes	PEUGEOT TOTALENERGIES	9X8	Platinum	65	26
93 - Mikkel Jensen	PEUGEOT TOTALENERGIES	9X8	Platinum	62	27
93 - Jean-Eric Vergne	PEUGEOT TOTALENERGIES	9X8	Platinum	57	28
5 - Dane Cameron	PORSCHE PENSKE MOTORSPORT	963	Platinum	41	29
2 - Earl Bamber	CADILLAC RACING	V-LMDh	Platinum	63	30
93 - Paul Di Resta	PEUGEOT TOTALENERGIES	9X8	Platinum	45	31
2 - Richard Westbrook	CADILLAC RACING	V-LMDh	Platinum	43	32
4 - Esteban Guerrieri	FLOYD VANWALL RACING TEAM	Vandervell 680	Platinum	41	33
4 - Tristan Vautier	FLOYD VANWALL RACING TEAM	Vandervell 680	Gold	39	2
4 - Ryan Briscoe	FLOYD VANWALL RACING TEAM	Vandervell 680	Platinum	46	34