

This document provides in clear all the information that was used during the F1 Strategy Competition with the exception of race strategy.

The expected results are run using a simple code that simulates theoretical seasons. This codes is comprised of two modules. The first of these modules is the same as the one used during the (livestreamed) driver signing phase. It is optional and allocates the available drivers to the competing teams based on their marketing investments and using the same probability law. The second module takes the team lineups (engine, chassis, driver 1 and driver 2) and ranks the drivers on each circuit as a function of their performance level and taking into account circuit-specific bonuses. The module then applies a random DNF filter to the ranking with the same probability as for the races and attributes points to the surviving drivers in their ranking order. The point attribution and the races are the same as in the championship.

For Section 1, the code is run with a loop around both of these modules to average results over 10^7 seasons. For Section 2, the code is run in the same way except that the driver signing module is deactivated and the lineup is set to the official one for each simulated season.

1 Financial phase

1.1 Drivers

- Allan Johnson (GBR) 5.0
- Alfredo Alcarria (SPA) 4.8
- Joris Gootjes (NED) 4.7
- David Wilkinson (GBR) 4.2
- Mark Winkelmann (GER) 3.8
- Michel Fabron (FRA) 3.6
- Udo Krallinger (GER) 3.4
- Philipp Krafft (GER) 3.3
- Luigi Disanti (ITA) 3.2
- Cyprien Monnereau (FRA) 3.1
- Pavel Ondra (CZE) 3.0
- Ricardo Raul (BRA) 2.9
- Felix Wollen (GER) 2.5
- Janne Nurmeela (FIN) 2.2
- Alexander Koltsov (RUS) 1.7
- Carlos Arizaga (ARG) 1.5
- Simao Faria (POR) 1.4
- Esteban Campos (MEX) 1.1
- Clayton Swift (USA) 0.6
- Aaron Kilpatrick (IRL) 0.5
- Mitesh Agrawal (IND) 0.4
- Darren Tremblay (CAN) 0.0

1.2 Teams

Pos.	Team	Name	Affiliation	Mark.	Cha.	Eng.	Points
1	forkBOMB	Ati Sharma	Southampton	0.2	0.1	6.7	192
2	BURP	Cédric Beaume	Leeds	2.8	4.2	0.0	147
3	Hyperbolic F1	Scott Caldwell-Nichols	Leeds	2.8	2.1	2.1	132
4	Excelsior	Vasundhara Mukherjee	Leeds	2.5	3.5	1.0	131
5	Naylor Racing	Alexander Naylor	Leeds	2.7	2.1	2.2	129
6	Baby Formula 1	Nikhil Koria	Leeds	2.7	1.4	2.9	129
7	Eigenvictors	Henry Prosser <i>et al.</i>	Bristol	2.6	0.0	4.4	129
8	Drifting Micra	Joshua Oliver	Leeds	1.8	5.2	0.0	110
9	SopheriaFerrari	Sophie Davison	Leeds	2.0	0.0	5.0	110
10	Divebomb Racing	Saurav Mohapatra	Southampton	0.0	0.0	7.0	100
11	Team Champneys	Alan & Max Champneys	Briffield	0.0	3.5	3.5	89

Table 1: Expected results for each team given their marketing, chassis and engine investments.

2 Pre-season

2.1 Lineups

- Baby Formula 1: Allan Johnson (5.0)–Joris Gootjes (4.7)
- BURP: Michel Fabron (3.6)–Philipp Krafft (3.3)
- Divebomb Racing: Mitesh Agrawal (0.4)–Darren Tremblay (0.0)
- Drifting Micra: Alexander Koltsov (1.7)–Carlos Arizaga (1.5)
- Eigenvictors: Ricardo Raul (2.9)–Janne Nurmela (2.2)
- Excelsior: Alfredo Alcarria (4.8)–Pavel Ondra (3.0)
- forkBOMB: Simao Faria (1.4)–Esteban Campos (1.1)
- Hyperbolic F1: Mark Winkelmann (3.8)–Udo Krallinger (3.4)
- Naylor Racing: David Wilkinson (4.2)–Luigi Disanti (3.2)
- SopheriaFerrari: Cyprien Monnereau (3.1)–Felix Wollen (2.5)
- Team Champneys: Clayton Swift (0.6)–Aaron Kilpatrick (0.5)

2.2 Expected results

Pos	Driver	Team	Points
1	Alfredo ALCARRIA	Excelsior	154
2	Allan JOHNSON	Baby Formula 1	149
3	Joris GOOTJES	Baby Formula 1	114
4	Simao FARIA	forkBOMB	113
5	David WILKINSON	Naylor Racing	91
6	Esteban CAMPOS	forkBOMB	88
7	Cyprien MONNEREAU	SopheriaFerrari	78
8	Michel FABRON	BURP	70
9	Mark WINKELMANN	Hyperbolic F1	66
10	Clayton SWIFT	Team Champneys	65
11	Aaron KILPATRICK	Team Champneys	47
12	Mitesh AGRAWAL	Divebomb Racing	45
13	Udo KRALLINGER	Hyperbolic F1	44
14	Felix WOLLEN	SopheriaFerrari	43
15	Philipp KRAFFT	BURP	42
16	Pavel ONDRA	Excelsior	39
17	Darren TREMBLAY	Divebomb Racing	35
18	Luigi DISANTI	Naylor Racing	31
19	Alexander KOLTISOV	Drifting Micra	30
20	Ricardo RAUL	Eigenvictors	24
21	Carlos ARIZAGA	Drifting Micra	21
22	Janne NURMELA	Eigenvictors	12

Table 2: Expected driver results.

Pos	Team	Affiliation	Points
1	Baby Formula 1	Leeds	263
2	forkBOMB	Southampton	201
3	Excelsior	Leeds	193
4	Naylor Racing	Leeds	122
5	SopheriaFerrari	Leeds	120
6	Team Champneys	Briffield	112
7	BURP	Leeds	111
8	Hyperbolic F1	Leeds	110
9	Divebomb Racing	Southampton	81
8	Drifting Micra	Leeds	51
9	Eigenvictors	Bristol	36

Table 3: Expected team results.

3 Results

Rk	Firstname	LASTNAME	NAT	Team	1	2	3	4	5	6	7	8	9	10	TOTAL
1	Alfredo	ALCARRIA	SPA	Excelsior	DNF	25	25	13	2	DNF	5	25	25	25	145
2	Joris	GOOTJES	NED	Baby Formula 1	25	11	20	8	8	7	3	20	8	3	113
3	Simao	FARIA	POR	forkBOMB	5	8	4	16	25	2	16	1	13	16	106
4	Esteban	CAMPOS	MEX	forkBOMB	4	20	16 th	11	20	1	11	2	20	13	102
5	David	WILKINSON	GBR	Naylor Racing	20	6	16	6	3	9	6	13	DNF	20	99
6	Aaron	KILPATRICK	IRL	Team Champneys	16	7	17 th	25	5	11	13	6	3	10	96
7	Michel	FABRON	FRA	BURP	8	4	11	DNF	20 th	25	DNF	16	16	11	91
8	Cyprien	MONNEREAU	FRA	SopheriaFerrari	11	13	DNF	16 th	16	5	25	4	11	DNF	85
9	Clayton	SWIFT	USA	Team Champneys	6	9	3	20	4	16	DNF	3	5	8	74
10	Allan	JOHNSON	GBR	Baby Formula 1	10	16	DNF	10	11	DNF	4	11	DNF	DNF	62
11	Philipp	KRAFFT	GER	BURP	3	DNF	10	20 th	21 st	20	2	10	10	5	60
12	Ricardo	RAUL	BRA	Eigenvictors	7	1	5	9	13	18 th	10	5	4	2	56
13	Mark	WINKELMANN	GER	Hyperbolic F1	2	10	7	5	1	6	9	DNF	9	7	56
14	Pavel	ONDRA	CZE	Excelsior	16 th	18 th	13	3	17 th	10	17 th	9	7	6	48
15	Luigi	DISANTI	ITA	Naylor Racing	13	2	8	17 th	DNF	4	DNF	7	DNF	9	43
16	Felix	WOLLEN	GER	SopheriaFerrari	DNF	5	6	19 th	10	DNF	20	19 th	1	19 th	42
17	Udo	KRALLINGER	GER	Hyperbolic F1	17 th	3	9	21 st	16 th	3	7	DNF	6	DNF	28
18	Carlos	ARIZAGA	ARG	Drifting Micra	9	20 th	2	18 th	19 th	8	16 th	8	16 th	17 th	27
19	Alexander	KOLTSOV	RUS	Drifting Micra	18 th	17 th	DNF	4	18 th	13	1	DNF	2	4	24
20	Janne	NURMELA	FIN	Eigenvictors	1	19 th	1	2	7	17 th	8	16 th	17 th	18 th	19
21	Darren	TREMBLAY	CAN	Divebomb Racing	20 th	21 st	19 th	7	6	16 th	19 th	17 th	19 th	1	14
22	Mitesh	AGRAWAL	IND	Divebomb Racing	19 th	16 th	18 th	1	9	19 th	18 th	18 th	18 th	16 th	10

Figure 1: Drivers championship final standings.

Rk	Team	University	1	2	3	4	5	6	7	8	9	10	TOTAL
1	forkBOMB	Southampton	9	28	4	27	45	3	27	3	33	29	208
2	Excelsior	Leeds	16 th	25	38	16	2	10	5	34	32	31	193
3	Baby Formula 1	Leeds	35	27	20	18	19	7	7	31	8	3	175
4	Team Champneys	Briffield	22	16	3	45	9	27	13	9	8	18	170
5	BURP	Leeds	11	4	21	20 th	20 th	45	2	26	26	16	151
6	Naylor Racing	Leeds	33	8	24	6	3	13	6	20	DNF	29	142
7	SopheriaFerrari	Leeds	11	18	6	16 th	26	5	45	4	12	19 th	127
8	Hyperbolic F1	Leeds	2	13	16	5	1	9	16	DNF	15	7	84
9	Eigenvictors	Bristol	8	1	6	11	20	17 th	18	5	4	2	75
10	Drifting Micra	Leeds	9	17 th	2	4	18 th	21	1	8	2	4	51
11	Divebomb Racing	Southampton	19 th	16 th	18 th	8	15	16 th	18 th	17 th	18 th	1	24

Figure 2: Team championship final standings.