SBPO 2025 Challenge

Qualification phase results

June 26, 2025

We would like to warmly thank all the teams for their participation in this challenge.

Important reminders

- Even if you did not participate in this phase, you are still welcome to join us in the last phase of the competition!

- Since scoring is calculated separately for each phase, your earlier performance doesn't carry over to the final phase. This means any team can still emerge as the winner!

1 Best solutions per instance

The following table shows the best objective value achieved for each problem instance and the teams that obtained this best result. When multiple teams achieved the same best value (within a tolerance of 10^{-4}), all are listed:

Instance	Best Objective Value	Teams
a/instance_0001	15.00	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC

		ISIMAmigos
		Java Jedi
		Lagostas Codificadoras
		lighTeam
		Mañaña
		Mach-ITAM-
		Mercado Proprietário
		Monkeys
		NEAAD-UNIFEI
		Optimal Minds
		PathFinders
		Raiz de DOS
		SU4NE
		Time GD
		UNB SATWave
a/instance_0002	2.00	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		Java Jedi
		Lagostas Codificadoras
		lighTeam
		Mañaña
		Mach-ITAM-
		Mercado Proprietário
		Monkeys
		NEAAD-UNIFEI

		Optimal Minds
		Optimos Prime
		PathFinders
		Raiz de DOS
		SU4NE
		team-UFSC
		Time GD
		UNB SATWave
a/instance_0003	12.00	André && Pedro
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		Java Jedi
		Mañaña
		Monkeys
		NEAAD-UNIFEI
		Raiz de DOS
		team-UFSC
a/instance_0004	3.50	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos

		Java Jedi
		lighTeam
		Mañaña
		Mach-ITAM-
		Mercado Proprietário
		Monkeys
		NEAAD-UNIFEI
		Optimal Minds
		PathFinders
		Raiz de DOS
		SU4NE
		team-UFSC
		Time GD
		UNB SATWave
		Vida Cigana
a/instance_0005	177.88	André && Pedro
		ArChrilles Heel
		DaVinci
		Gap 300%
		ISIMAmigos
		Mañaña
		Monkeys
		Optimal Minds
		Time GD
a/instance_0006	691.00	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC

		ISIMAmigos
		Lagostas Codificadoras
		lighTeam
		Mañaña
		Mach-ITAM-
		Monkeys
		Optimal Minds
		Raiz de DOS
		Time GD
		UNB SATWave
a/instance_0007	392.25	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		lighTeam
		Mañaña
		Mach-ITAM-
		Monkeys
		Optimal Minds
		Raiz de DOS
		Time GD
		UNB SATWave
a/instance_0008	162.94	DaVinci
		ISIMAmigos
		Monkeys
		Time GD
a/instance_0009	4.42	André && Pedro

		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		Java Jedi
		lighTeam
		Mañaña
		Mach-ITAM-
		Monkeys
		Optimal Minds
		Raiz de DOS
		team-UFSC
		UNB SATWave
a/instance_0010	17.11	André && Pedro
a/instance_0011	16.85	André && Pedro
		ArChrilles Heel
		DaVinci
		lighTeam
		Monkeys
		Optimal Minds
		UNB SATWave
a/instance_0012	11.25	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL

		Gap 300%
		GOS - UFSC
		ISIMAmigos
		Java Jedi
		lighTeam
		Mañaña
		Mach-ITAM-
		Monkeys
		Optimal Minds
		PathFinders
		Raiz de DOS
		team-UFSC
		Time GD
		UNB SATWave
a/instance_0013	117.38	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		lighTeam
		Mañaña
		Mach-ITAM-
		Monkeys
		Optimal Minds
		Raiz de DOS
		Time GD
		UNB SATWave
a/instance_0014	181.64	André && Pedro
		ArChrilles Heel
		Bonsai

		DaVinci
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		lighTeam
		Mach-ITAM-
		Monkeys
		Raiz de DOS
		Time GD
		UNB SATWave
a/instance_0015	149.33	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		lighTeam
		Mañaña
		Monkeys
		Optimal Minds
		Raiz de DOS
		Time GD
		UNB SATWave
a/instance_0016	85.00	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci

FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE

FIUM-TEL

Gap 300%

GOS - UFSC

ISIMAmigos

Lagostas Codificadoras

lighTeam

Mañaña

Mach-ITAM-

Mercado Proprietário

Monkeys

NEAAD-UNIFEI

Optimal Minds

PathFinders

Raiz de DOS

Time GD

UNB SATWave

a/instance_0017	36.50	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		Lagostas Codificadoras
		lighTeam
		Mañaña
		Mach-ITAM-
		Mercado Proprietário

		Monkeys
		NEAAD-UNIFEI
		PathFinders
		Raiz de DOS
		Time GD
		UNB SATWave
a/instance_0018	117.20	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		Lagostas Codificadoras
		lighTeam
		Mañaña
		Mach-ITAM-
		Monkeys
		NEAAD-UNIFEI
		Optimal Minds
		PathFinders
		Raiz de DOS
		Time GD
		UNB SATWave
a/instance_0019	202.00	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE

		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		Lagostas Codificadoras
		lighTeam
		Mañaña
		Mach-ITAM-
		Monkeys
		NEAAD-UNIFEI
		PathFinders
		Raiz de DOS
		Time GD
		UNB SATWave
a/instance_0020	5.00	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		Java Jedi
		Lagostas Codificadoras
		lighTeam
		Mañaña
		Mach-ITAM-
		Monkeys
		NEAAD-UNIFEI
		Optimal Minds
		PathFinders

		Raiz de DOS
		SU4NE
		team-UFSC
		Time GD
		UNB SATWave
b/instance_0001	631.50	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		lighTeam
		Mañaña
		Mach-ITAM-
		Monkeys
		Optimal Minds
		Raiz de DOS
		Time GD
		UNB SATWave
b/instance_0002	180.64	André && Pedro
		Bonsai
		DaVinci
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		Lagostas Codificadoras
		Mañaña
		Mach-ITAM-
		Monkeys
		Raiz de DOS
		Time GD

b/instance_0003	149.60	André && Pedro
		Bonsai
		DaVinci
		FIUM-TEL
		GOS - UFSC
		ISIMAmigos
		Mañaña
		Mach-ITAM-
		Monkeys
b/instance_0004	155.67	André && Pedro
		DaVinci
		ISIMAmigos
		Monkeys
b/instance_0005	368.00	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		lighTeam
		Mañaña
		Mach-ITAM-
		Monkeys
		Optimal Minds
		Raiz de DOS
		Time GD
		UNB SATWave
b/instance_0006	83.97	DaVinci
b/instance_0007	108.00	André && Pedro

		ArChrilles Heel
		Bonsai
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE
		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		Lagostas Codificadoras
		lighTeam
		Mañaña
		Mach-ITAM-
		Monkeys
		Optimal Minds
		PathFinders
		Raiz de DOS
		Time GD
		UNB SATWave
b/instance_0008	227.10	André && Pedro
		ArChrilles Heel
		DaVinci
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		Monkeys
		Optimal Minds
		Time GD
b/instance_0009	82.50	André && Pedro
		ArChrilles Heel
		DaVinci
		FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE

		FIUM-TEL
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		lighTeam
		Mañaña
		Monkeys
		Optimal Minds
		Raiz de DOS
		Time GD
b/instance_0010	444.00	André && Pedro
		ArChrilles Heel
		Bonsai
		DaVinci
		Gap 300%
		GOS - UFSC
		ISIMAmigos
		Lagostas Codificadoras
		lighTeam
		Monkeys
		Optimal Minds
		Time GD
		UNB SATWave
b/instance_0011	898.80	André && Pedro
b/instance_0012	567.64	André && Pedro
b/instance_0013	756.78	André && Pedro
b/instance_0014	885.17	André && Pedro
		Time GD
b/instance_0015	166.14	André && Pedro
		ArChrilles Heel
		Monkeys
		Optimal Minds

Time GD

2 Team rankings

The table below presents the overall rankings of all participating teams. Teams are ranked by their total score, calculated based on their performance across all problem instances (see Section 2.4 of the Challenge Rules for a detailed description):

Rank	Team	Score
1	André && Pedro	2025.00
2	DaVinci	2010.00
3	Monkeys	1964.00
4	Time GD	1944.00
5	ISIMAmigos	1942.00
5	Gap 300%	1942.00
6	Bonsai	1941.00
7	ArChrilles Heel	1931.00
8	GOS - UFSC	1919.00
9	UNB SATWave	1860.00
10	Raiz de DOS	1842.00
11	Mach-ITAM-	1813.00
12	lighTeam	1800.00
13	Mañaña	1720.00
14	PathFinders	1708.00
15	Lagostas Codificadoras	1674.00
16	Optimal Minds	1606.00
17	FANTASTICO LOBO ALFA SOLITARIO SUPER DINAMITE	1599.00
18	NEAAD-UNIFEI	1470.00
19	SU4NE	1425.00
20	Optimos Prime	1353.00
21	FIUM-TEL	1304.00
22	Java Jedi	1265.00
23	ISA-UFSC	1203.00

24	Vida Cigana	1141.00
25	Mercado Proprietário	1097.00
26	team-UFSC	982.00
27	tem coffee break?	0.00
27	Trinomio De Oro	0.00
27	QuantCE	0.00
27	ML não é Machine Learning	0.00
27	1105	0.00
27	Marcos UFF	0.00
27	Convex Crew	0.00
27	Los Bertsimas Schrijver	0.00
27	FullStackAlchemists	0.00
27	Marcos Novaes	0.00
28	AdaLoveLadies	-35.00
28	Albatroz	-35.00
28	uai-miiio	-35.00
28	Antes Uma Solução Factível na Mão do que Duas Não Factíveis Voando	-35.00
28	Tralalero tralala	-35.00
28	AntonioDeBotas	-35.00
28	Time #ffe600	-35.00
28	Terraeneitors	-35.00
28	CEFET-RJ-PO	-35.00
28	EYF_ML_challenge	-35.00
28	Tânia Cristina Valasky	-35.00
28	REPUBLICA TAVERNA	-35.00
28	Frete Hamiltoniano	-35.00
28	produtores	-35.00
28	Picolins United	-35.00
28	Fungo Computacional	-35.00
28	OptiPickers	-35.00
28	GMP Soluções	-35.00
28	Internali Points	-35.00

| 28 | 2shards | -35.00 |
| 28 | Wilmer Urango | -35.00 |