		Values of Fulfillment FVmn ↓ for Procedures (n)																Company-specific Portfolio of Challenges (CRm) ↓	Values for Suitability Smn ↓ Procedures (n)																	
		Heuristic					Meta-Heuristic			Deterministic-exact			Stochastic / Dynamic Approaches			AI-based				Heuristic					Meta-Heuristic			Deterministic-exact			Stochastic / Dynamic Approaches			AI-based		
		Forward Scheduling	Backward Scheduling	Midpoint Scheduling	Kim et al. (2007)	Yu & Lee (2018)	Guo et al. (2023)	Chen & Gao (2020)	Luo et al. (2025)	Wang et al. (2024)	Vahedi-Nouri et al. (2025)	Darghouth and Abdel-Aal (2021)	Lage Junior & Filho (2017)	Li et al. (2021)	Fu et al. (2020)	Yazdanparast et al. (2025)	Lingitz et al. (2018)	Zhang et al. (2022)		Forward Scheduling	Backward Scheduling	Midpoint Scheduling	Kim et al. (2007)	Yu & Lee (2018)	Guo et al. (2023)	Chen & Gao (2020)	Luo et al. (2025)	Wang et al. (2024)	Vahedi-Nouri et al. (2025)	Darghouth and Abdel-Aal (2021)	Lage Junior & Filho (2017)	Li et al. (2021)	Fu et al. (2020)	Yazdanparast et al. (2025)	Lingitz et al. (2018)	Zhang et al. (2022)
Challenges (m)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	↓	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Stochastic processroutes because of fluctuating core quality	1	1	1	1	2	3	3	1	2	1	1	2	5	5	3	5	4	4	2	-1	-1	-1	0	0	0	-1	0	-1	-1	0	0	0	0	0	0	0
arbitrary failure rates of cores	2	1	1	1	1	1	1	1	1	1	1	4	4	3	4	4	3	5	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0	0
Variable processing times	3	2	2	1	1	1	1	4	4	2	2	2	2	3	3	4	5	5	3	-1	-1	-2	-2	-2	-2	0	0	-1	-1	-1	-1	0	0	0	0	0
technical incompatibilities causing variable transition times	4	1	1	1	1	3	4	3	3	1	2	1	1	1	1	3	3	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																				-3	-3	-4	-3	-3	-3	-2	-1	-3	-3	-1	-1	0	0	0	0	0	← ∑ Smn