

(a) LMF,  $FE = 100$ ,  $D = 150$ , IGDp

	$M$	NSGAII	NSGAIII	MOEAD	RVEA	IBEA	AGEMOEAI	LMOCSSO	R2HCAEMOA	MCEAD	SFADE
LMF4	3	4.373e+01 +	4.240e+01 +	3.716e+01 +	4.142e+01 +	4.335e+01 +	4.578e+01 $\approx$	2.575e+01 +	4.484e+01 +	4.890e+01 $\approx$	5.127e+01
	4	4.830e+01 $\approx$	4.925e+01 $\approx$	4.513e+01 +	4.175e+01 +	4.715e+01 $\approx$	5.286e+01 $\approx$	2.007e+01 +	4.910e+01 $\approx$	4.595e+01 $\approx$	5.015e+01
	6	9.492e+01 -	8.829e+01 -	7.816e+01 $\approx$	7.628e+01 $\approx$	8.029e+01 $\approx$	9.687e+01 -	3.778e+01 +	9.753e+01 -	8.416e+01 $\approx$	7.205e+01
LMF7	3	8.244e+01 $\approx$	8.279e+01 $\approx$	7.282e+01 +	7.802e+01 $\approx$	7.795e+01 $\approx$	8.339e+01 $\approx$	5.428e+01 +	7.846e+01 $\approx$	8.507e+01 $\approx$	8.766e+01
	4	6.449e+01 +	6.487e+01 $\approx$	5.745e+01 +	5.832e+01 +	6.201e+01 +	6.680e+01 $\approx$	2.964e+01 +	6.511e+01 $\approx$	6.931e+01 $\approx$	7.340e+01
	6	1.746e+02 $\approx$	1.583e+02 $\approx$	1.329e+02 +	1.439e+02 +	1.437e+02 +	1.623e+02 $\approx$	7.602e+01 +	1.655e+02 $\approx$	1.434e+02 +	1.708e+02
LMF8	3	3.907e+01 $\approx$	3.635e+01 +	3.563e+01 +	3.839e+01 +	3.446e+01 +	4.186e+01 $\approx$	2.034e+01 +	3.649e+01 +	3.796e+01 +	4.294e+01
	4	4.442e+01 $\approx$	4.163e+01 $\approx$	4.204e+01 $\approx$	3.859e+01 $\approx$	3.826e+01 $\approx$	4.130e+01 $\approx$	2.536e+01 +	4.056e+01 $\approx$	4.051e+01 $\approx$	4.088e+01
	6	1.135e+02 -	9.744e+01 -	8.588e+01 -	8.215e+01 $\approx$	8.389e+01 -	9.115e+01 -	4.607e+01 +	1.052e+02 -	8.634e+01 -	6.895e+01
LMF12	3	2.664e+03 $\approx$	2.647e+03 $\approx$	2.503e+03 $\approx$	1.487e+03 +	2.784e+03 $\approx$	2.955e+03 $\approx$	1.535e+03 +	2.955e+03 $\approx$	3.257e+03 $\approx$	2.768e+03
	4	2.112e+04 +	2.051e+04 +	1.885e+04 +	1.317e+04 +	2.253e+04 $\approx$	2.274e+04 $\approx$	1.184e+04 +	2.104e+04 +	2.465e+04 $\approx$	2.454e+04
	6	6.119e+03 -	6.122e+03 $\approx$	4.183e+03 $\approx$	3.552e+03 $\approx$	5.339e+03 $\approx$	6.129e+03 $\approx$	2.553e+03 +	4.828e+03 $\approx$	5.609e+03 $\approx$	4.889e+03
+/-/ $\approx$		3/3/6	3/2/7	7/1/4	7/0/5	4/1/7	0/2/10	12/0/0	3/2/7	2/1/9	-
Average Rank		7.3333	6.2500	3.4167	3.1667	4.5000	8.2500	1.0833	6.7500	6.9167	7.3333