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

	M	NSGAII	NSGAIII	MOEAD	RVEA	IBEA	AGEMOEAII	LMOCSO	R2HCAEMOA	MCEAD	SFADE
LMF4	3	$3.142e+01 \approx$	$3.020e+01 \approx$	2.656e+01 +	$2.723e+01 \approx$	$3.068e + 01 \approx$	$3.298e + 01 \approx$	1.713e+01 +	$2.886e + 01 \approx$	$2.857e + 01 \approx$	3.046e+01
	4	7.146e+01 +	7.116e+01 +	$7.345\mathrm{e}{+01}~\approx$	$6.560e{+01} +$	$6.564e{+01} +$	$7.854\mathrm{e}{+01}~\approx$	3.757e + 01 +	7.033e+01 +	$7.804\mathrm{e}{+01} \approx$	$8.182e{+01}$
	6	$5.851e{+01} -$	$5.092e{+01} -$	4.713e+01 -	$4.075\mathrm{e}{+01}~\approx$	$4.613e{+01} -$	$5.158e{+01} -$	2.338e+01 +	5.197e+01 -	$4.488\mathrm{e}{+01}~\approx$	$3.669e{+01}$
LMF7	3	5.658e + 01 +	5.221e+01 +	5.124e+01 +	5.289e+01 +	5.070e+01 +	5.621e+01 +	3.602e+01 +	5.431e+01 +	$5.756\mathrm{e}{+01} \approx$	6.363e+01
	4	$7.877\mathrm{e}{+01}~\approx$	$7.769\mathrm{e}{+01}~\approx$	7.299e+01 +	7.161e+01 +	$7.850\mathrm{e}{+01}~\approx$	$8.851\mathrm{e}{+01}~\approx$	4.002e+01 +	$8.185e+01 \approx$	$9.109\mathrm{e}{+01}~\approx$	$9.158\mathrm{e}{+01}$
	6	$9.115\mathrm{e}{+01}~\approx$	$8.991\mathrm{e}{+01}~\approx$	$8.392\mathrm{e}{+01}\approx$	$8.140\mathrm{e}{+01}~\approx$	$8.462\mathrm{e}{+01}~\approx$	$9.399\mathrm{e}{+01}~\approx$	4.422e+01 +	$9.156\mathrm{e}{+01} \approx$	$8.570\mathrm{e}{+01}~\approx$	$8.334e{+01}$
LMF8	3	$3.002e+01 \approx$	$2.779e + 01 \approx$	$2.588e + 01 \approx$	$2.690e+01 \approx$	$2.519e+01 \approx$	$3.094e+01 \approx$	1.664e+01 +	$3.011e+01 \approx$	$3.022e+01 \approx$	2.935e+01
	4	$4.692e{+01} -$	$4.726e{+01} -$	4.493e+01 -	$3.893\mathrm{e}{+01}~\approx$	$4.397e{+01} -$	$4.989e{+01} -$	2.174e+01 +	4.801e+01 -	$3.943\mathrm{e}{+01}~\approx$	$3.429\mathrm{e}{+01}$
	6	$8.804e{+01} -$	$8.524e{+01} -$	$6.614\mathrm{e}{+01}\approx$	$6.520\mathrm{e}{+01}~\approx$	$7.266e{+01} -$	$8.661e{+01} -$	3.624e+01 +	8.651e+01 -	7.441e+01 -	5.447e + 01
LMF12	3	$2.254\mathrm{e}{+03}$ \approx	$2.679\mathrm{e}{+03} \approx$	$1.961\mathrm{e}{+03}$ \approx	1.069e+03 +	$2.660\mathrm{e}{+03}$ \approx	$2.511\mathrm{e}{+03}$ \approx	1.747e + 03 +	$2.256\mathrm{e}{+03}$ \approx	$2.859\mathrm{e}{+03}$ \approx	2.643e+03
	4	$6.056\mathrm{e}{+03}\approx$	$4.777\mathrm{e}{+03}~\approx$	$4.638\mathrm{e}{+03}\approx$	$2.869e{+03} +$	$6.255\mathrm{e}{+03}~\approx$	$5.863\mathrm{e}{+03}\approx$	2.320e+03 +	$4.921\mathrm{e}{+03} \approx$	$5.743\mathrm{e}{+03}~\approx$	$6.355\mathrm{e}{+03}$
	6	$1.557\mathrm{e}{+04}~\approx$	$1.621\mathrm{e}{+04}~\approx$	$1.156\mathrm{e}{+04}\approx$	$9.212e{+03} +$	$1.486\mathrm{e}{+04}~\approx$	$1.773\mathrm{e}{+04}~\approx$	7.416e+03 +	$1.567\mathrm{e}{+04} \approx$	$1.413\mathrm{e}{+04}~\approx$	$1.530\mathrm{e}{+04}$
+/−/≈		2/3/7	2/3/7	3/2/7	6/0/6	2/3/7	1/3/8	12/0/0	2/3/7	0/1/11	-
Average Rank		7.5000	6.2500	3.9167	2.6667	5.1667	8.6667	1.0833	6.9167	6.5833	6.2500