

MELHOR	Operador		
Geração/ano	Blend2000	Uniform2000	> simulatedBinary2000[1]
1	-2622.045	[1] -2593.944	[1] -2611.664
20	[1] -2277.971	[1] -2267.892	[1] -2278.186
40	[1] -2174.121	[1] -2170.861	[1] -2171.592
60	[1] -2130.649	[1] -2126.88	[1] -2127.182
80	[1] -2108.182	[1] -2105.727	[1] -2105.689
100	[1] -2096.435	[1] -2094.446	[1] -2094.337
Geração/ano	Blend2001	Uniform2001	> simulatedBinary2001[1]
1	[1] -2662.715	[1] -2645.061	[1] -2668.702
20	[1] -2301.338	[1] -2294.746	[1] -2307.233
40	[1] -2188.785	[1] -2185.651	[1] -2191.906
60	[1] -2139.984	[1] -2138.096	[1] -2140.937
80	[1] -2115.625	[1] -2114.179	[1] -2114.749
100	[1] -2102.338	[1] -2101.411	[1] -2100.878
Geração/ano	Blend2002	Uniform2002	> simulatedBinary2002[1]
1	[1] -2632.475	[1] -2623.322	[1] -2635.923
20	[1] -2286.843	[1] -2288.144	[1] -2291.454
40	[1] -2178.955	[1] -2180.143	[1] -2182.755
60	[1] -2152.047	[1] -2133.592	[1] -2135.265
80	[1] -2133.279	[1] -2110.076	[1] -2110.165
100	[1] -2110.254	[1] -2097.876	[1] -2096.983
	[1] -2097.688		
Geração/ano	Blend2003	Uniform2003	> simulatedBinary2003[1]
1	[1] -2647.406	[1] -2631.929	[1] -2648.581
20	[1] -2295.06	[1] -2295.556	[1] -2297.537
40	[1] -2185.385	[1] -2185.561	[1] -2187.739
60	[1] -2137.377	[1] -2137.652	[1] -2138.342
80	[1] -2123.135	[1] -2112.995	[1] -2112.941
100	[1] -2113.036	[1] -2099.703	[1] -2099.829
	[1] -2100.047		
Geração/ano	Blend2004	Uniform2004	> simulatedBinary2004[1]
1	[1] -2642.13	[1] -2638.877	[1] -2645.467
20	[1] -2292.418	[1] -2294.823	[1] -2293.429
40	[1] -2185.044	[1] -2184.487	[1] -2185.344
60	[1] -2136.911	[1] -2136.325	[1] -2136.786
80	[1] -2113.043	[1] -2112.483	[1] -2112.186
100	[1] -2100.304	[1] -2099.407	[1] -2099.163
Geração/ano	Blend2005	Uniform2005	> simulatedBinary2005[1]
1	[1] -2693.128	[1] -2681.292	[1] -2696.061
20	[1] -2320.327	[1] -2316.338	[1] -2316.201
40	[1] -2203.337	[1] -2200.715	[1] -2203.42
60	[1] -2172.397	[1] -2150.514	[1] -2151.789

	80	[1] -2151.266	[1] -2125.284	[1] -2125.856
	100	[1] -2125.359	[1] -2111.936	[1] -2111.544
		[1] -2111.877		
Geração/ano		Blend2006	Uniform2006	> simulatedBinary2006[1]
	1	[1] -2706.796	[1] -2697.048	[1] -2720.361
	20	[1] -2332.195	[1] -2326.487	[1] -2324.473
	40	[1] -2211.129	[1] -2208.536	[1] -2209.731
	60	[1] -2156.671	[1] -2156.368	[1] -2156.659
	80	[1] -2130.342	[1] -2130.283	[1] -2130.265
	100	[1] -2116.355	[1] -2116.078	[1] -2115.616
Geração/ano		Blend2007	Uniform2007	> simulatedBinary2007[1]
	1	[1] -2721.651	[1] -2699.892	[1] -2725.381
	20	[1] -2338.679	[1] -2328.978	[1] -2328.76
	40	[1] -2215.348	[1] -2209.967	[1] -2212.349
	60	[1] -2158.874	[1] -2157.958	[1] -2158.634
	80	[1] -2131.653	[1] -2131.243	[1] -2131.348
	100	[1] -2117.222	[1] -2116.94	[1] -2116.532
Geração/ano		Blend2008	Uniform2008	> simulatedBinary2008[1]
	1	[1] -2719.218	[1] -2698.871	[1] -2725.449
	20	[1] -2335.426	[1] -2327.086	[1] -2324.675
	40	[1] -2212.397	[1] -2207.843	[1] -2209.411
	60	[1] -2157.3	[1] -2156.228	[1] -2156.732
	80	[1] -2130.532	[1] -2129.971	[1] -2130.257
	100	[1] -2116.319	[1] -2115.742	[1] -2115.717
Geração/ano		Blend2009	Uniform2009	> simulatedBinary2009[1]
	1	[1] -2709.59	[1] -2684.175	[1] -2708.342
	20	[1] -2330.705	[1] -2318.883	[1] -2319.261
	40	[1] -2207.78	[1] -2202.548	[1] -2205.574
	60	[1] -2153.173	[1] -2151.575	[1] -2153.18
	80	[1] -2126.681	[1] -2126.208	[1] -2126.893
	100	[1] -2112.75	[1] -2112.242	[1] -2112.545
Geração/ano		Blend2010	Uniform2010	> simulatedBinary2010[1]
	1	[1] -2704.311	[1] -2678.544	[1] -2702.801
	20	[1] -2327.836	[1] -2317.585	[1] -2317.937
	40	[1] -2204.885	[1] -2202.232	[1] -2204.207
	60	[1] -2151.159	[1] -2151.522	[1] -2152.742
	80	[1] -2125.734	[1] -2125.852	[1] -2126.706
	100	[1] -2111.892	[1] -2112.236	[1] -2112.16

Geração		
> simBinBounded2000[1]	Geração/ano	> blend2000[1] > uniform2000[1]
[1] -2608.829	1	[1] -2622.045 [1] -2593.944
[1] -2273.013	20	[1] -2277.971 [1] -2267.892
[1] -2169.939	40	[1] -2174.121 [1] -2170.861
[1] -2126.473	60	[1] -2130.649 [1] -2126.88
[1] -2106.164	80	[1] -2108.182 [1] -2105.727
[1] -2095.112	100	[1] -2096.435 [1] -2094.446
> simBinBounded2001[1]	Geração/ano	Blend2001 Uniform2001
[1] -2647.532	1	[1] -2662.715 [1] -2645.061
[1] -2300.076	20	[1] -2301.338 [1] -2294.746
[1] -2186.408	40	[1] -2188.785 [1] -2185.651
[1] -2138.958	60	[1] -2139.984 [1] -2138.096
[1] -2115.015	80	[1] -2115.625 [1] -2114.179
[1] -2101.367	100	[1] -2102.338 [1] -2101.411
> simBinBounded2002[1]	Geração/ano	> blend2002[1] > uniform2002[1]
[1] -2623.698	1	[1] -2632.475 [1] -2623.322
[1] -2286.913	20	[1] -2286.843 [1] -2288.144
[1] -2177.899	40	[1] -2178.955 [1] -2180.143
[1] -2132.215	60	[1] -2133.279 [1] -2133.592
[1] -2109.317	80	[1] -2110.254 [1] -2110.076
[1] -2096.917	100	[1] -2097.688 [1] -2097.876
> simBinBounded2003[1]	Geração/ano	> blend2003[1] > uniform2003[1]
[1] -2635.955	1	[1] -2647.406 [1] -2631.929
[1] -2296.616	20	[1] -2295.06 [1] -2295.556
[1] -2184.335	40	[1] -2185.385 [1] -2185.561
[1] -2137.038	60	[1] -2137.377 [1] -2137.652
[1] -2112.287	80	[1] -2113.036 [1] -2112.995
[1] -2099.373	100	[1] -2100.047 [1] -2099.703
> simBinBounded2004[1]	Geração/ano	> blend2004[1] > uniform2004[1]
[1] -2628.209	1	[1] -2642.13 [1] -2638.877
[1] -2290.393	20	[1] -2292.418 [1] -2294.823
[1] -2180.606	40	[1] -2185.044 [1] -2184.487
[1] -2135.022	60	[1] -2136.911 [1] -2136.325
[1] -2111.308	80	[1] -2113.043 [1] -2112.483
[1] -2099.155	100	[1] -2100.304 [1] -2099.407
> simBinBounded2005[1]	Geração/ano	> blend2005[1] > uniform2005[1]
[1] -2675.642	1	[1] -2693.128 [1] -2681.292
[1] -2313.751	20	[1] -2320.327 [1] -2316.338
[1] -2198.267	40	[1] -2203.337 [1] -2200.715
[1] -2150.078	60	[1] -2151.266 [1] -2150.514

[1] -2124.347	80 [1] -2125.359	[1] -2125.284
[1] -2111.448	100 [1] -2111.877	[1] -2111.936
> simBinBounded2006[1]	Geração/ano > blend2006[1]	> uniform2006[1]
[1] -2696.561	1 [1] -2706.796	[1] -2697.048
[1] -2323.898	20 [1] -2332.195	[1] -2326.487
[1] -2204.555	40 [1] -2211.129	[1] -2208.536
[1] -2155.779	60 [1] -2156.671	[1] -2156.368
[1] -2129.935	80 [1] -2130.342	[1] -2130.283
[1] -2115.886	100 [1] -2116.355	[1] -2116.078
> simBinBounded2007[1]	Geração/ano > blend2007[1]	> uniform2007[1]
[1] -2712.601	1 [1] -2721.651	[1] -2699.892
[1] -2331.424	20 [1] -2338.679	[1] -2328.978
[1] -2210.299	40 [1] -2215.348	[1] -2209.967
[1] -2159.017	60 [1] -2158.874	[1] -2157.958
[1] -2132.003	80 [1] -2131.653	[1] -2131.243
[1] -2117.163	100 [1] -2117.222	[1] -2116.94
> simBinBounded2008[1]	Geração/ano > blend2008[1]	> uniform2008[1]
[1] -2714.563	1 [1] -2719.218	[1] -2698.871
[1] -2332.197	20 [1] -2335.426	[1] -2327.086
[1] -2211.195	40 [1] -2212.397	[1] -2207.843
[1] -2159.195	60 [1] -2157.3	[1] -2156.228
[1] -2131.684	80 [1] -2130.532	[1] -2129.971
[1] -2116.822	100 [1] -2116.319	[1] -2115.742
> simBinBounded2009[1]	Geração/ano > blend2009[1]	> uniform2009[1]
[1] -2705.414	1 [1] -2709.59	[1] -2684.175
[1] -2325.539	20 [1] -2330.705	[1] -2318.883
[1] -2206.354	40 [1] -2207.78	[1] -2202.548
[1] -2154.95	60 [1] -2153.173	[1] -2151.575
[1] -2127.856	80 [1] -2126.681	[1] -2126.208
[1] -2112.961	100 [1] -2112.75	[1] -2112.242
> simBinBounded2010[1]	Geração/ano > blend2010[1]	> uniform2010[1]
[1] -2705.916	1 [1] -2704.311	[1] -2678.544
[1] -2323.35	20 [1] -2327.836	[1] -2317.585
[1] -2205.034	40 [1] -2204.885	[1] -2202.232
[1] -2154.07	60 [1] -2151.159	[1] -2151.522
[1] -2127.322	80 [1] -2125.734	[1] -2125.852
[1] -2112.376	100 [1] -2111.892	[1] -2112.236

> simulatedBinary2000[1]	> simBinBounded2000[1]
[1] -2611.664	[1] -2608.829
[1] -2278.186	[1] -2273.013
[1] -2171.592	[1] -2169.939
[1] -2127.182	[1] -2126.473
[1] -2105.689	[1] -2106.164
[1] -2094.337	[1] -2095.112

SimulatedBinary2001	simBinBounded
[1] -2668.702	[1] -2647.532
[1] -2307.233	[1] -2300.076
[1] -2191.906	[1] -2186.408
[1] -2140.937	[1] -2138.958
[1] -2114.749	[1] -2115.015
[1] -2100.878	[1] -2101.367

> simulatedBinary2002[1]	> simBinBounded2002[1]
[1] -2635.923	[1] -2623.698
[1] -2291.454	[1] -2286.913
[1] -2182.755	[1] -2177.899
[1] -2135.265	[1] -2132.215
[1] -2110.165	[1] -2109.317
[1] -2096.983	[1] -2096.917

> simulatedBinary2003[1]	> simBinBounded2003[1]
[1] -2648.581	[1] -2635.955
[1] -2297.537	[1] -2296.616
[1] -2187.739	[1] -2184.335
[1] -2138.342	[1] -2137.038
[1] -2112.941	[1] -2112.287
[1] -2099.829	[1] -2099.373

> simulatedBinary2004[1]	> simBinBounded2004[1]
[1] -2645.467	[1] -2628.209
[1] -2293.429	[1] -2290.393
[1] -2185.344	[1] -2180.606
[1] -2136.786	[1] -2135.022
[1] -2112.186	[1] -2111.308
[1] -2099.163	[1] -2099.155

> simulatedBinary2005[1]	> simBinBounded2005[1]
[1] -2696.061	[1] -2675.642
[1] -2316.201	[1] -2313.751
[1] -2203.42	[1] -2198.267
[1] -2151.789	[1] -2150.078

[1] -2125.856
[1] -2111.544

[1] -2124.347
[1] -2111.448

> simulatedBinary2006[1]

[1] -2720.361
[1] -2324.473
[1] -2209.731
[1] -2156.659
[1] -2130.265
[1] -2115.616

> simBinBounded2006[1]

[1] -2696.561
[1] -2323.898
[1] -2204.555
[1] -2155.779
[1] -2129.935
[1] -2115.886

> simulatedBinary2007[1]

[1] -2725.381
[1] -2328.76
[1] -2212.349
[1] -2158.634
[1] -2131.348
[1] -2116.532

> simBinBounded2007[1]

[1] -2712.601
[1] -2331.424
[1] -2210.299
[1] -2159.017
[1] -2132.003
[1] -2117.163

> simulatedBinary2008[1]

[1] -2725.449
[1] -2324.675
[1] -2209.411
[1] -2156.732
[1] -2130.257
[1] -2115.717

> simBinBounded2008[1]

[1] -2714.563
[1] -2332.197
[1] -2211.195
[1] -2159.195
[1] -2131.684
[1] -2116.822

> simulatedBinary2009[1]

[1] -2708.342
[1] -2319.261
[1] -2205.574
[1] -2153.18
[1] -2126.893
[1] -2112.545

> simBinBounded2009[1]

[1] -2705.414
[1] -2325.539
[1] -2206.354
[1] -2154.95
[1] -2127.856
[1] -2112.961

> simulatedBinary2010[1]

[1] -2702.801
[1] -2317.937
[1] -2204.207
[1] -2152.742
[1] -2126.706
[1] -2112.16

> simBinBounded2010[1]

[1] -2705.916
[1] -2323.35
[1] -2205.034
[1] -2154.07
[1] -2127.322
[1] -2112.376