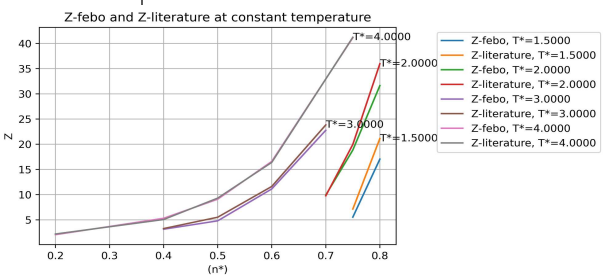
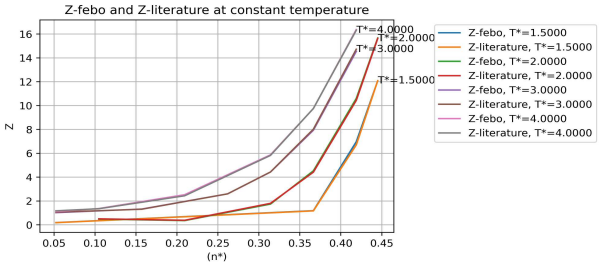
						Tavares (2006)			Herve	Febo (2023)					
	T*	n*	p*	atoms	ncoll	Z	1 std	f' avg(g(σ*))	Herve Guerin 2010	Z-ACW	g(σ*)	g(λ*σ-)	g(λ*σ+)	% Difference Z	% Difference f'g(σ*)
16-mer	2	0.366519143	0.7	512	2M+SA	9.77	1.50	1.09	10.03	9.913338	1.134206737	0.900954798	0.546880016	1.5%	3.88%
	2	0.392699082	0.75	512	2M+SA	19.96	2.10	1.27	19.67	18.844	1.303351411	0.886158395	0.537001102	5.7%	2.83%
	2	0.41887902	0.8	1024	2M+SA+	35.97	4.10	1.56	33.38	31.73999	1.469073429	0.865663183	0.523314735	12.5%	6.20%
	3	0.20943951	0.4	512	2M+SA+	3.26	0.34	0.62	2.15	3.129789	0.579	0.726	0.518	4.1%	7.49%
	3	0.261799388	0.5	512	2M+SA+	5.51	0.88	0.72	4.87	5.32444	0.694	0.792	0.567	3.4%	3.16%
	3	0.314159265	0.6	512	2M+SA+	11.62	0.76	0.86	11.27	11.12115	0.880	0.828	0.592	4.3%	1.99%
	3	0.366519143	0.7	512	2M+SA+	23.84	1.30	1.15	24.33	22.7698	1.133162205	0.834033622	0.592605047	4.6%	1.30%
	4	0.104719755	0.2	512	2M+SA+	2.18	0.18	0.40	2.25	1.967692	0.390	0.550	0.428	10.2%	3.32%
	4	0.20943951	0.4	512	2M+SA+	5.06	0.28	0.56	5.39	5.298109	0.526	0.676	0.526	4.7%	7.08%
	4	0.261799388	0.5	512	2M+SA+	9.30	0.55	0.67	9.49	9.086481	0.668	0.739	0.575	2.3%	0.27%
	4	0.314159265	0.6	512	2M+SA+	16.39	0.58	0.85	17.32	16.57529	0.863	0.795	0.617	1.1%	1.84%
	4	0.392699082	0.75	512	2M+SA+	41.22	0.99	1.35	42.38	41.1413	1.369378769	0.786757875	0.608958185	0.2%	1.65%
4-mer	1.5	0.366519143	0.7	512	2M+SA+	1.17	0.22	1.50		1.188487	1.496670491	1.113243793	0.568799401	1.5%	0.49%
	1.5	0.41887902	0.8	512	2M+SA+	6.70	0.26	1.96		6.969578	1.920	1.022	0.521	3.9%	2.11%
	1.5	0.445058959	0.85	512	2M+SA+	12.09	0.60	2.39		12.0879	2.398	0.959	0.493	0.0%	0.42%
	2	0.104719755	0.2	512	2M+SA+	0.51	0.08	1.25		0.482176	1.159	1.256	0.765	4.6%	7.91%
	2	0.20943951	0.4	512	2M+SA+	0.38	0.10	1.10		0.370286	1.108298396	1.114383124	0.679356651	3.4%	0.75%
	2	0.314159265	0.6	512	2M+SA+	1.80	0.21	1.26		1.741568	1.260	1.065	0.643	3.5%	0.00%
	2	0.366519143	0.7	512	2M+SA+	4.42	0.25	1.53		4.528517	1.531	1.030	0.622	2.4%	0.40%
	2	0.41887902	0.8	512	2M+SA+	10.44	0.29	2.05		10.59682	1.953	0.950	0.573	1.5%	4.66%
	2	0.445058959	0.85	512	2M+SA+	15.64	0.52	2.46		15.67417	2.456	0.895	0.540	0.2%	0.00%
	3	0.052359878	0.1	512	2M+SA+	1.06	0.06	0.83		1.021596	0.783	0.981	0.701	4.1%	5.46%
	3	0.157079633	0.3	512	2M+SA+	1.31	0.08	0.85		1.324577	0.827	0.961	0.687	1.1%	2.38%
	3	0.261799388	0.5	512	2M+SA+	2.60	0.17	1.05		2.60018	1.016	0.981	0.707	0.1%	3.24%
	3	0.314159265	0.6	512	2M+SA+	4.43	0.16	1.23		4.429573	1.224	0.981	0.704	0.1%	0.81%
	3	0.366519143	0.7	512	2M+SA+	8.02	0.32	1.58		7.935987	1.576	0.951	0.678	1.1%	0.01%
	3	0.41887902	0.8	512	2M+SA+	14.73	0.40	2.16		14.55234	2.037	0.873	0.622	1.2%	5.78%
	4	0.052359878	0.1	512	2M+SA+	1.18	0.06	0.65		1.118691	0.611	0.819	0.634	5.2%	5.77%
	4	0.104719755	0.2	512	2M+SA+	1.35	0.08	0.70		1.368644	0.644	0.847	0.656	1.3%	8.11%
	4	0.20943951	0.4	512	2M+SA+	2.44	0.09	0.87		2.527364	0.864	0.924	0.716	3.6%	0.28%
	4	0.314159265	0.6	512	2M+SA+	5.82	0.21	1.24		5.870111	1.223	0.945	0.729	0.8%	1.26%
	4	0.366519143	0.7	512	2M+SA+	9.76	0.21	1.61		9.752746	1.620	0.913	0.707	0.1%	0.44%
	4	0.41887902	0.8	512	2M+SA+	16.326	0.44	2.157		16.37854	2.055	0.846	0.657	0.3%	4.83%





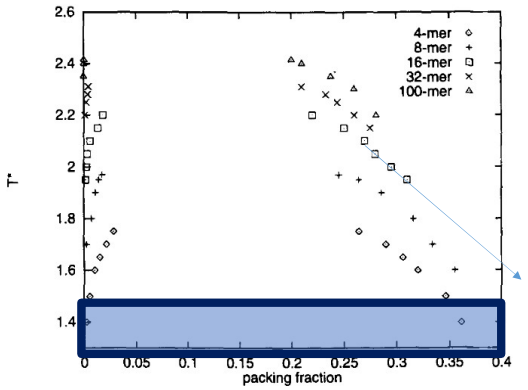
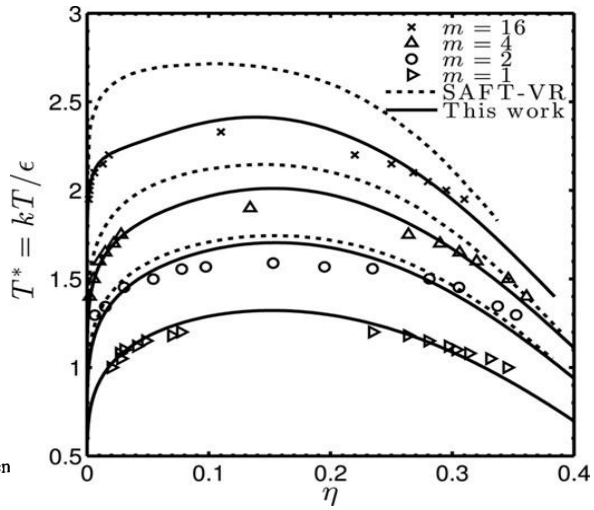


Figure 3. Coexistence curves for SW chains of 4, 8, 16, 32, and 100 segmen



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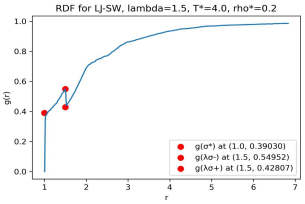
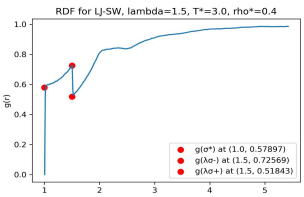
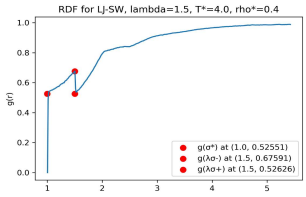
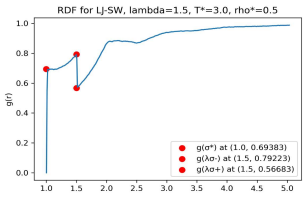
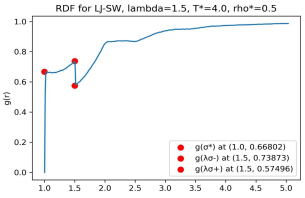
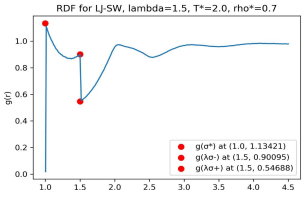

RDF for LJ-SW, lambda=1.5, T*=4.0, rho*=0.2
g(σ*) at (1.0, 0.39030)
g(λσ-) at (1.5, 0.54952)
g(λσ+) at (1.5, 0.42807)
g(r)
r

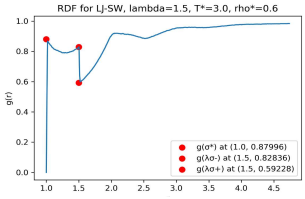

RDF for LJ-SW, lambda=1.5, T*=3.0, rho*=0.4
g(σ*) at (1.0, 0.57897)
g(λσ-) at (1.5, 0.72569)
g(λσ+) at (1.5, 0.51843)
g(r)

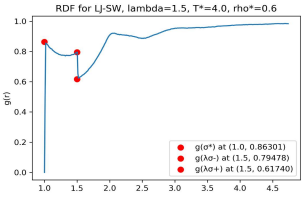

RDF for LJ-SW, lambda=1.5, T*=4.0, rho*=0.4
g(σ*) at (1.0, 0.52551)
g(λσ-) at (1.5, 0.67591)
g(λσ+) at (1.5, 0.52626)
g(r)

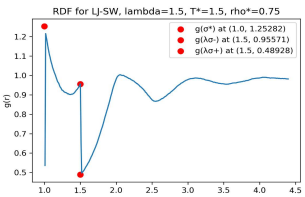

RDF for LJ-SW, lambda=1.5, T*=3.0, rho*=0.5
g(σ*) at (1.0, 0.69383)
g(λσ-) at (1.5, 0.79223)
g(λσ+) at (1.5, 0.56683)
g(r)

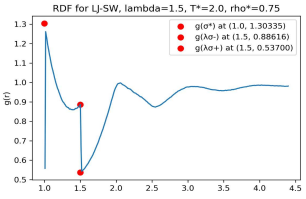

RDF for LJ-SW, lambda=1.5, T*=4.0, rho*=0.5
g(σ*) at (1.0, 0.66802)
g(λσ-) at (1.5, 0.73873)
g(λσ+) at (1.5, 0.57496)
g(r)

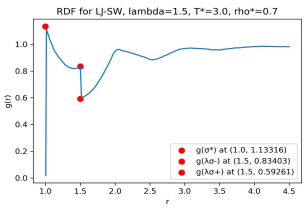

RDF for LJ-SW, lambda=1.5, T*=2.0, rho*=0.7
g(σ*) at (1.0, 1.13421)
g(λσ-) at (1.5, 0.90095)
g(λσ+) at (1.5, 0.54688)
g(r)

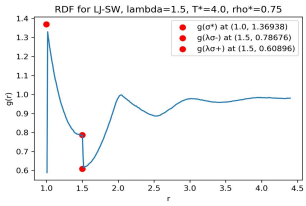

RDF for LJ-SW, lambda=1.5, T*=3.0, rho*=0.6
g(σ*) at (1.0, 0.87996)
g(λσ-) at (1.5, 0.82836)
g(λσ+) at (1.5, 0.59228)
g(r)

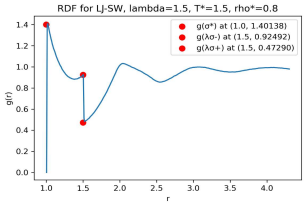

RDF for LJ-SW, lambda=1.5, T*=4.0, rho*=0.6
g(σ*) at (1.0, 0.86301)
g(λσ-) at (1.5, 0.79478)
g(λσ+) at (1.5, 0.61740)
g(r)

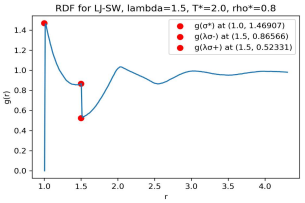

RDF for LJ-SW, lambda=1.5, T*=1.5, rho*=0.75
g(σ*) at (1.0, 1.25282)
g(λσ-) at (1.5, 0.95571)
g(λσ+) at (1.5, 0.48928)
g(r)


RDF for LJ-SW, lambda=1.5, T*=2.0, rho*=0.75
g(σ*) at (1.0, 1.30335)
g(λσ-) at (1.5, 0.88616)
g(λσ+) at (1.5, 0.53700)
g(r)

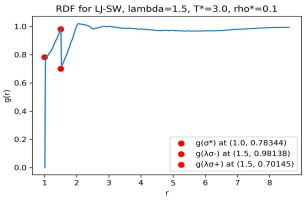

RDF for LJ-SW, lambda=1.5, T*=3.0, rho*=0.7
g(σ*) at (1.0, 1.13316)
g(λσ-) at (1.5, 0.83403)
g(λσ+) at (1.5, 0.59261)
g(r)
r

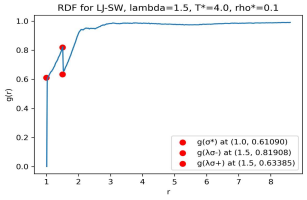

RDF for LJ-SW, lambda=1.5, T*=4.0, rho*=0.75
g(σ*) at (1.0, 1.36938)
g(λσ-) at (1.5, 0.78676)
g(λσ+) at (1.5, 0.60896)
g(r)
r

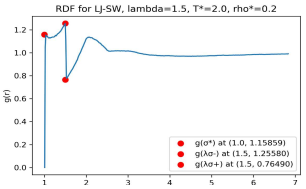

RDF for LJ-SW, lambda=1.5, T*=1.5, rho*=0.8
g(σ*) at (1.0, 1.40138)
g(λσ-) at (1.5, 0.92492)
g(λσ+) at (1.5, 0.47290)
g(r)
r

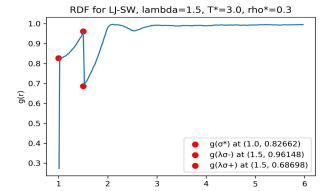

RDF for LJ-SW, lambda=1.5, T*=2.0, rho*=0.8
g(σ*) at (1.0, 1.46907)
g(λσ-) at (1.5, 0.86566)
g(λσ+) at (1.5, 0.52331)
g(r)
r

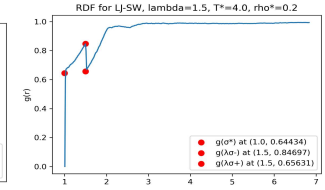
4m

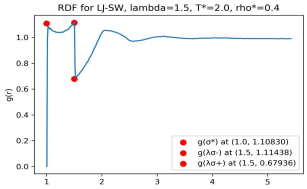

RDF for LJ-SW, lambda=1.5, T*=3.0, rho*=0.1
g(σ*) at (1.0, 0.78344)
g(λσ-) at (1.5, 0.98138)
g(λσ+) at (1.5, 0.70145)
g(r)
r

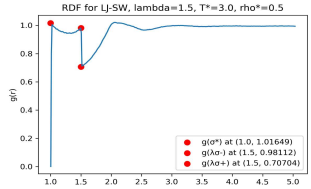

RDF for LJ-SW, lambda=1.5, T*=4.0, rho*=0.1
g(σ*) at (1.0, 0.61090)
g(λσ-) at (1.5, 0.81908)
g(λσ+) at (1.5, 0.63385)
g(r)
r

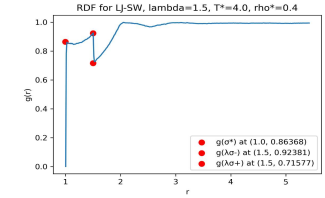

RDF for LJ-SW, lambda=1.5, T*=2.0, rho*=0.2
g(σ*) at (1.0, 1.15859)
g(λσ-) at (1.5, 1.25580)
g(λσ+) at (1.5, 0.76490)
g(r)
r

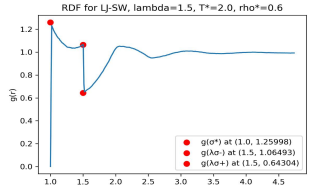

RDF for LJ-SW, lambda=1.5, T*=3.0, rho*=0.3
g(σ*) at (1.0, 0.82662)
g(λσ-) at (1.5, 0.96148)
g(λσ+) at (1.5, 0.68698)
g(r)
r

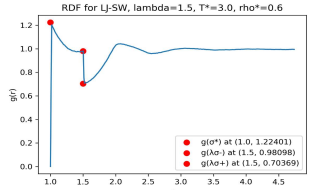

RDF for LJ-SW, lambda=1.5, T*=4.0, rho*=0.2
g(σ*) at (1.0, 0.64434)
g(λσ-) at (1.5, 0.84697)
g(λσ+) at (1.5, 0.65631)
g(r)
r

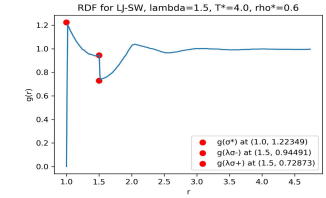

RDF for LJ-SW, lambda=1.5, T*=2.0, rho*=0.4
g(σ*) at (1.0, 1.10830)
g(λσ-) at (1.5, 1.11438)
g(λσ+) at (1.5, 0.67936)
g(r)
r

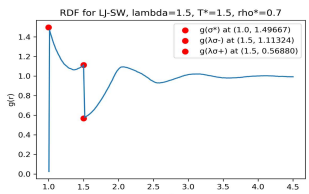

RDF for LJ-SW, lambda=1.5, T*=3.0, rho*=0.5
g(σ*) at (1.0, 1.01649)
g(λσ-) at (1.5, 0.98112)
g(λσ+) at (1.5, 0.70704)
g(r)
r

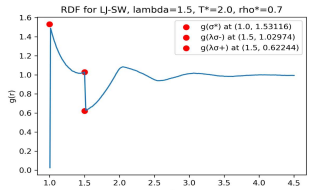

RDF for LJ-SW, lambda=1.5, T*=4.0, rho*=0.4
g(σ*) at (1.0, 0.86368)
g(λσ-) at (1.5, 0.92381)
g(λσ+) at (1.5, 0.71577)
g(r)
r

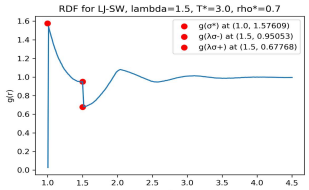

RDF for LJ-SW, lambda=1.5, T*=2.0, rho*=0.6
g(σ*) at (1.0, 1.25998)
g(λσ-) at (1.5, 1.06493)
g(λσ+) at (1.5, 0.64304)
g(r)
r

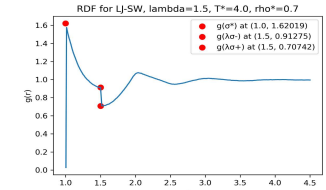

RDF for LJ-SW, lambda=1.5, T*=3.0, rho*=0.6
g(σ*) at (1.0, 1.22401)
g(λσ-) at (1.5, 0.98098)
g(λσ+) at (1.5, 0.70369)
g(r)
r

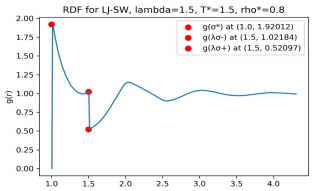

RDF for LJ-SW, lambda=1.5, T*=4.0, rho*=0.6
g(σ*) at (1.0, 1.22349)
g(λσ-) at (1.5, 0.94491)
g(λσ+) at (1.5, 0.72873)
g(r)
r

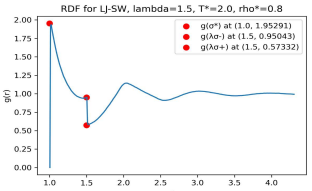

RDF for LJ-SW, lambda=1.5, T*=1.5, rho*=0.7
g(σ*) at (1.0, 1.49667)
g(λσ-) at (1.5, 1.11324)
g(λσ+) at (1.5, 0.56880)
g(r)
r

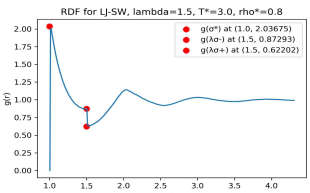

RDF for LJ-SW, lambda=1.5, T*=2.0, rho*=0.7
g(σ*) at (1.0, 1.53116)
g(λσ-) at (1.5, 1.02974)
g(λσ+) at (1.5, 0.62244)
g(r)
r

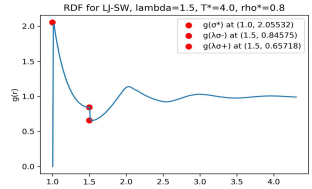

RDF for LJ-SW, lambda=1.5, T*=3.0, rho*=0.7
g(σ*) at (1.0, 1.57609)
g(λσ-) at (1.5, 0.95053)
g(λσ+) at (1.5, 0.67768)
g(r)
r

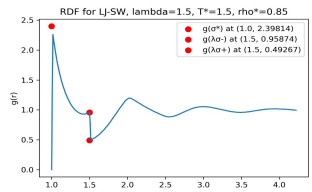

RDF for LJ-SW, lambda=1.5, T*=4.0, rho*=0.7
g(σ*) at (1.0, 1.62019)
g(λσ-) at (1.5, 0.91275)
g(λσ+) at (1.5, 0.70742)
g(r)
r

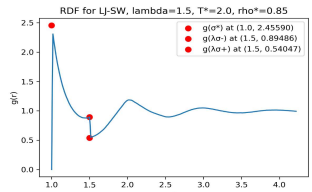

RDF for LJ-SW, lambda=1.5, T*=1.5, rho*=0.8
g(σ*) at (1.0, 1.92012)
g(λσ-) at (1.5, 1.02184)
g(λσ+) at (1.5, 0.52097)
g(r)
r

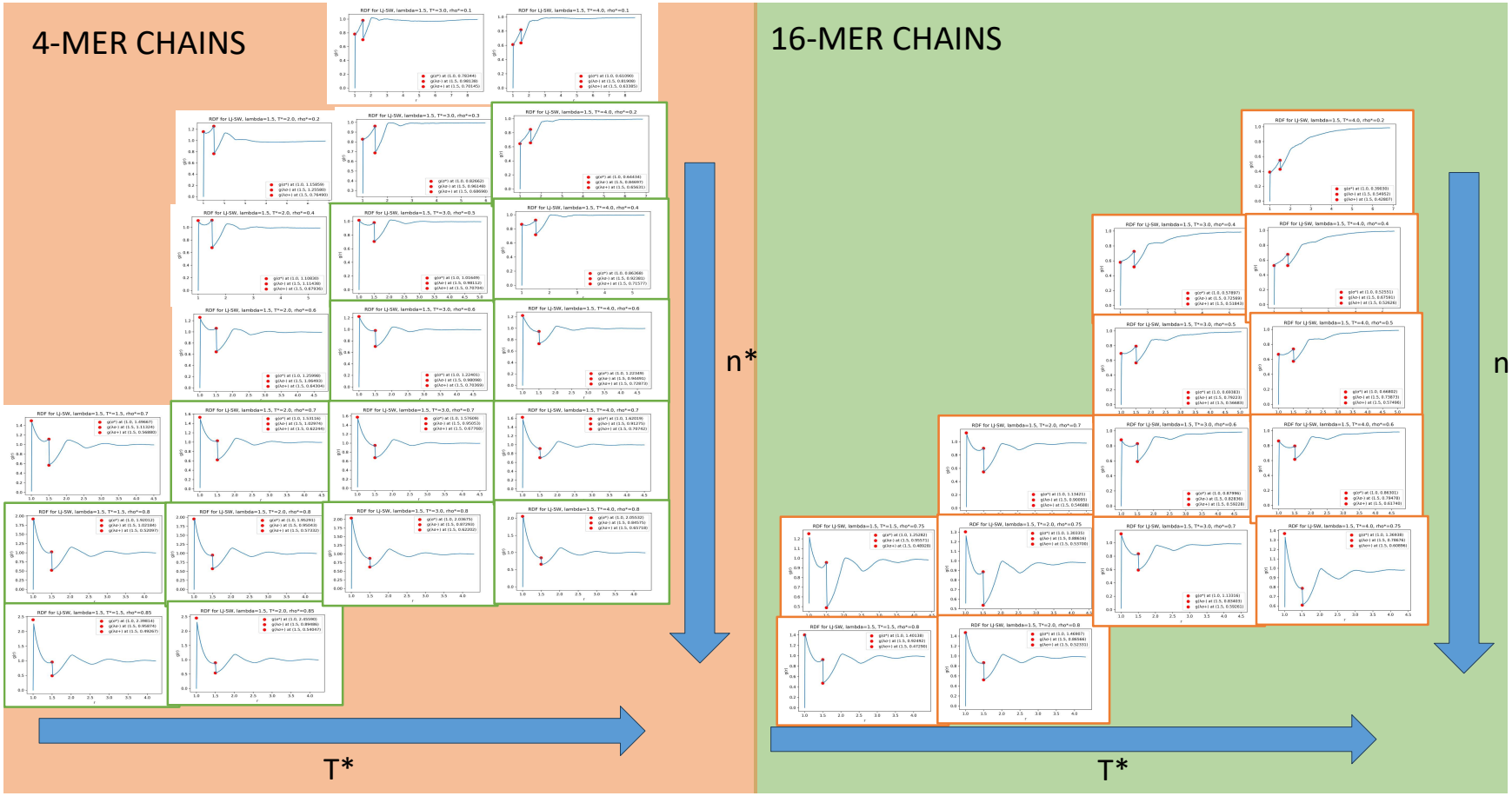

RDF for LJ-SW, lambda=1.5, T*=2.0, rho*=0.8
g(σ*) at (1.0, 1.95291)
g(λσ-) at (1.5, 0.95043)
g(λσ+) at (1.5, 0.57332)
g(r)
r


RDF for LJ-SW, lambda=1.5, T*=3.0, rho*=0.8
g(σ*) at (1.0, 2.03675)
g(λσ-) at (1.5, 0.87293)
g(λσ+) at (1.5, 0.62202)
g(r)
r


RDF for LJ-SW, lambda=1.5, T*=4.0, rho*=0.8
g(σ*) at (1.0, 2.05532)
g(λσ-) at (1.5, 0.84575)
g(λσ+) at (1.5, 0.65718)
g(r)
r


RDF for LJ-SW, lambda=1.5, T*=1.5, rho*=0.85
g(σ*) at (1.0, 2.39814)
g(λσ-) at (1.5, 0.95874)
g(λσ+) at (1.5, 0.49267)
g(r)
r


RDF for LJ-SW, lambda=1.5, T*=2.0, rho*=0.85
g(σ*) at (1.0, 2.45590)
g(λσ-) at (1.5, 0.89486)
g(λσ+) at (1.5, 0.54047)
g(r)
r


4-MER CHAINS
16-MER CHAINS
n*
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T*