

Supplementary Material

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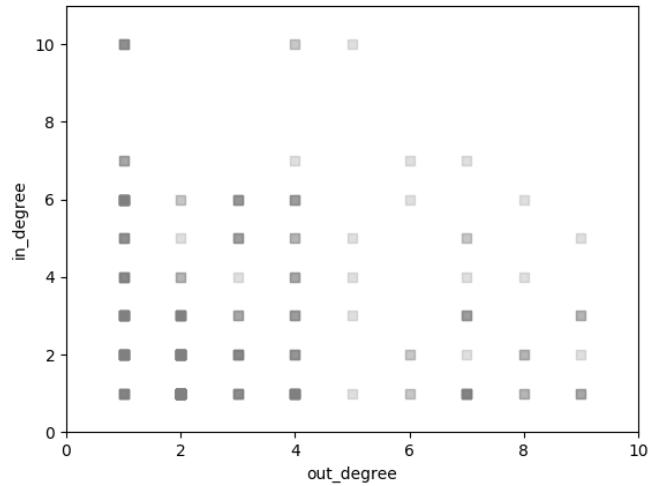
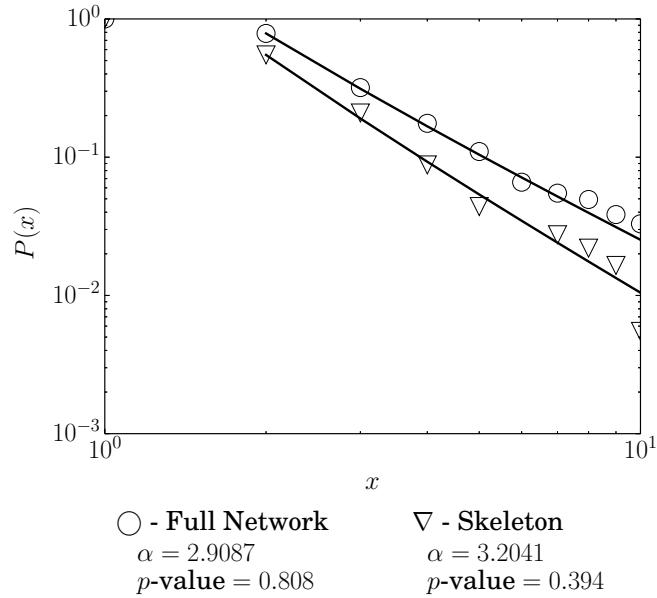
1. IMPA - National Institute for Pure and Applied Mathematics - VISGRAF Lab
2. UBA - University of Buenos Aires - Laboratorio de Inteligencia Artificial Aplicada

This document presents the results related to scale-invariance, self-similarity (skeletons) and disassortativity for forty classical music networks.

Network	Network Size	
	nº nodes	nº edges
Bach BWV 801	182	329
Bach BWV 1001	477	1319
Bach BWV 1003	631	1789
Bach BWV 1004	719	2129
Bach BWV 1005	705	1927
Bach BWV 1041	1650	2985
Beethoven Opus 10	1304	2403
Beethoven Opus 13	1564	2798
Beethoven Opus 22	1788	3545
Beethoven Opus 27	1220	2375
Beethoven Opus 53	2145	4332
Beethoven Opus 57	2131	4515
Beethoven Opus 81	1590	2963
Beethoven Opus 90	1108	2033
Beethoven Opus 106	5040	9386
Brahms Opus 1	3227	5092
Chopin Opus 35	1660	2704
Clementi N°1	272	499
Clementi N°2	279	539
Clementi N°3	434	829
Clementi N°4	431	924
Clementi N°5	497	1029
Clementi N°6	514	997
Haydn Hoboken XVI:9	292	528
Haydn Hoboken XVI:33	675	1564
Haydn Hoboken XVI:35	886	1789
Haydn Hoboken XVI:40	657	1230
Haydn Hoboken XVI:43	702	1558
Mozart KV311	1304	2699
Mozart KV330	926	2056
Mozart KV331	1181	2396
Mozart KV332	1372	2805
Mozart KV333	1468	3225
Mozart KV545	583	1235
Mozart KV570	954	1874
Schubert D960	2905	5803
Schubert D760	2447	4506
Schubert D850	3431	6870
Schubert D784	1663	2549
Shostakovich Opus 57	1225	1882

Table S1: Number of nodes and edges of forty musical networks.

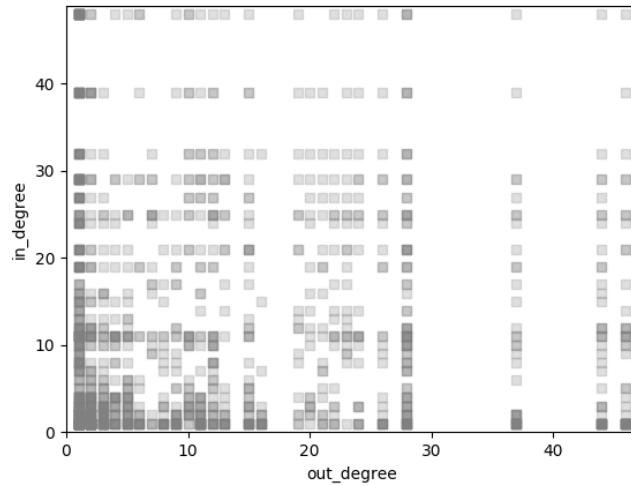
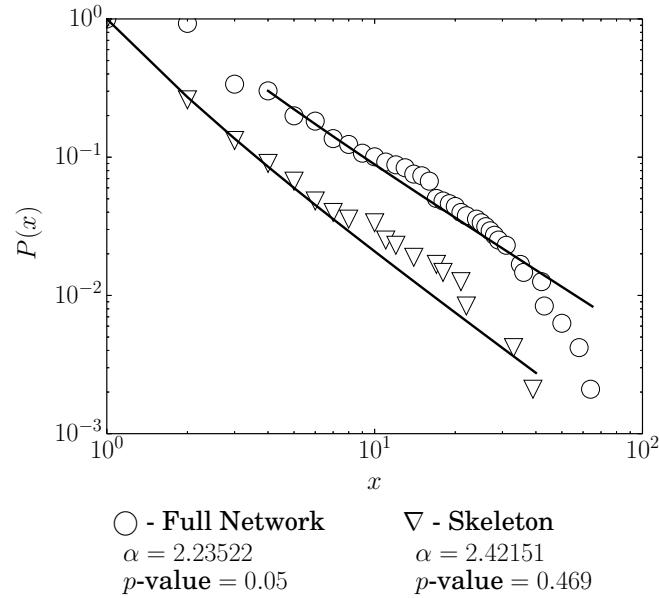
Figure 1: Bach - Sinfonia No. 15 in B minor, BWV 801 (1723)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Bach BWV 801	3.04	0.00	2.40	0.01	1.98	0.05	No
Skeleton	3.80	0.00	3.23	0.00	4.08	0.00	No

Table S2: Likelihood Ratio (LR) test for full musical network and skeleton.

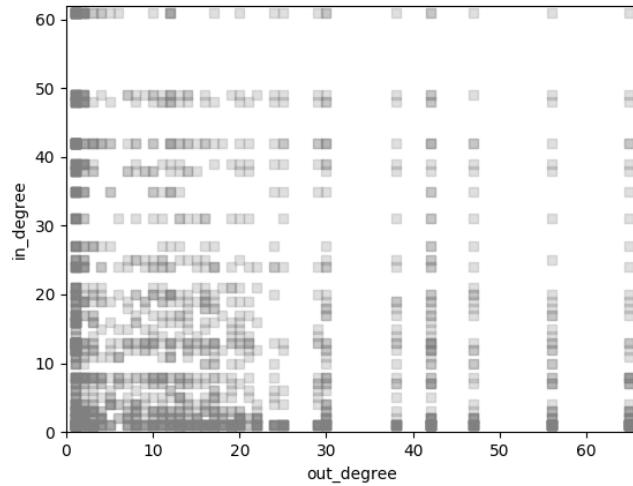
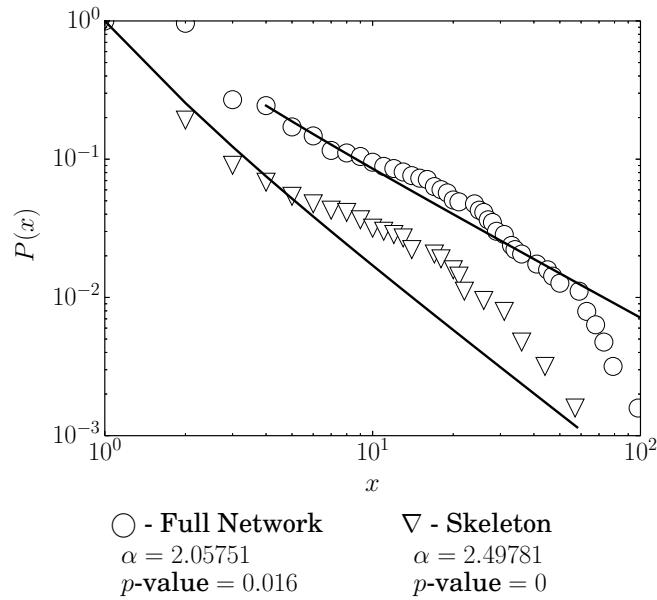
Figure 2: Bach - Violin Sonata No.1 in G minor, BWV 1001 (1720)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Bach BWV 1001	4.32	0.00	2.41	0.01	1.37	0.17	No
Skeleton	5.76	0.00	4.83	0.00	3.34	0.00	YES

Table S3: Likelihood Ratio (LR) test for full musical network and skeleton.

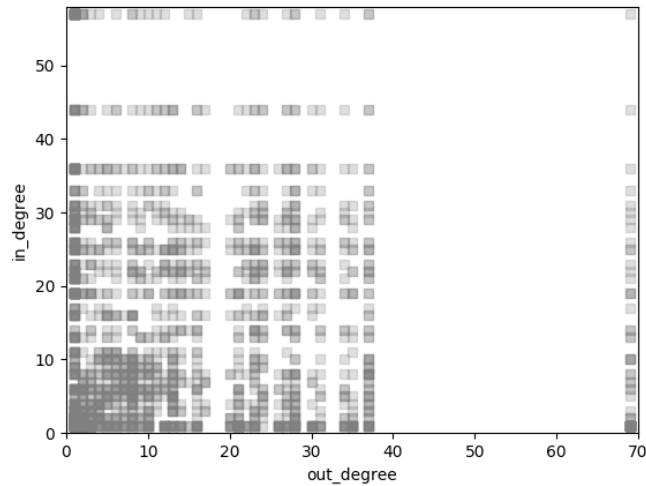
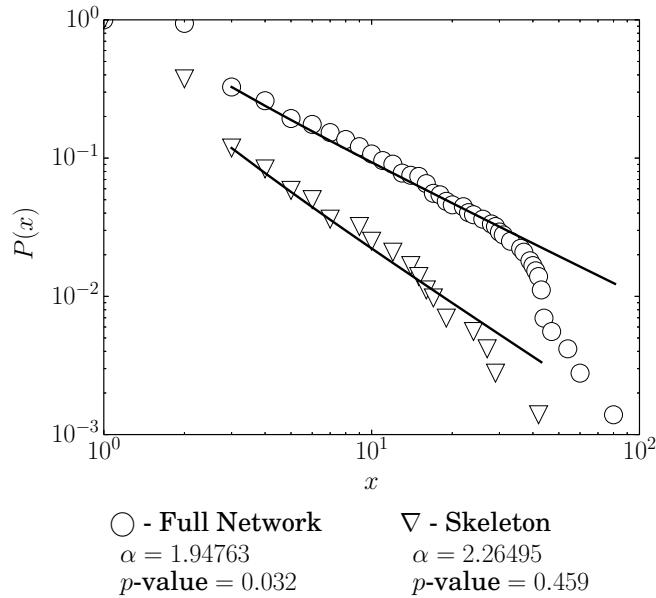
Figure 3: Bach - Violin Sonata No.2 in A minor, BWV 1003 (1720)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Bach BWV 1003	15.23	0.00	16.10	0.00	12.33	0.00	No
Skeleton	6.70	0.00	5.12	0.00	4.73	0.00	No

Table S4: Likelihood Ratio (LR) test for full musical network and skeleton.

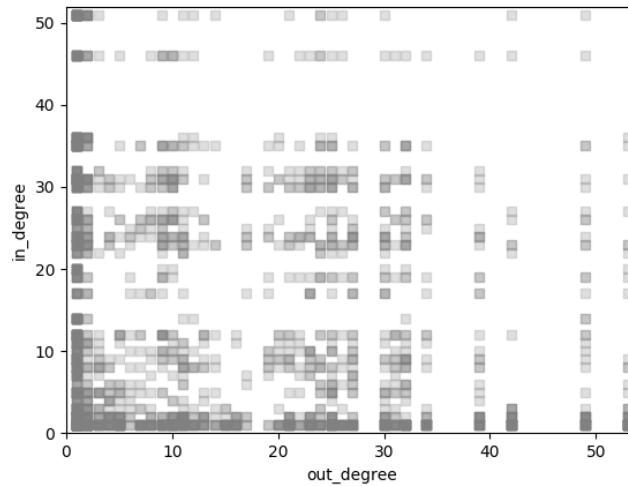
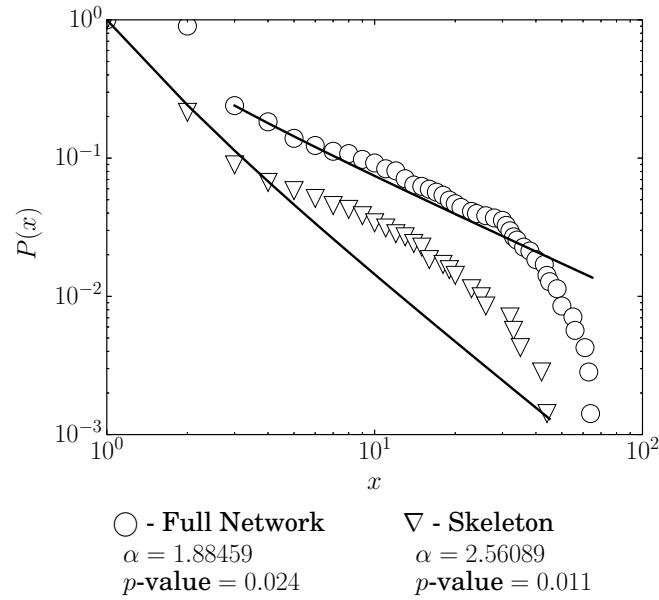
Figure 4: Bach - Violin partita No. 2 in D minor, BWV 1004 (1720)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Bach BWV 1004	3.85	0.00	0.46	0.64	-0.82	0.40	No
Skeleton	2.71	0.00	1.51	0.12	0.70	0.48	YES

Table S5: Likelihood Ratio (LR) test for full musical network and skeleton.

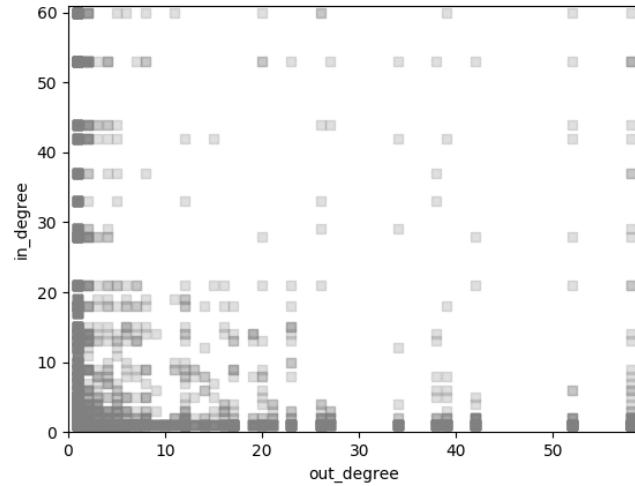
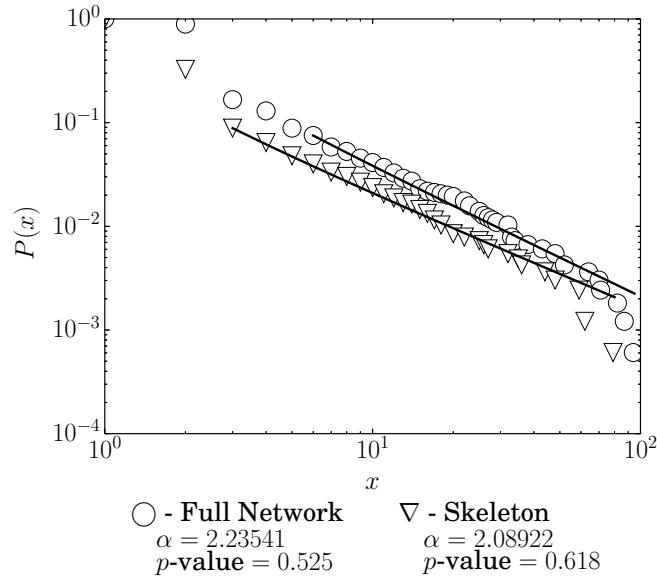
Figure 5: Bach - Violin Sonata No.3 in C major, BWV 1005 (1720)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Bach BWV 1005	19.27	0.00	17.78	0.00	12.76	0.00	No
Skeleton	-0.79	0.43	-0.73	0.45	-0.78	0.43	No

Table S6: Likelihood Ratio (LR) test for full musical network and skeleton.

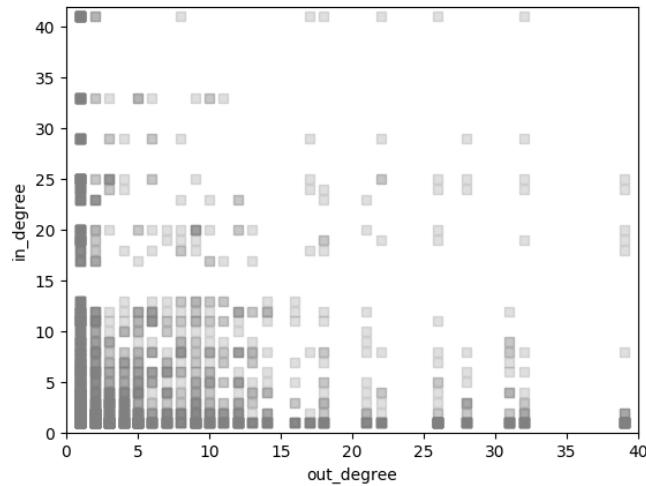
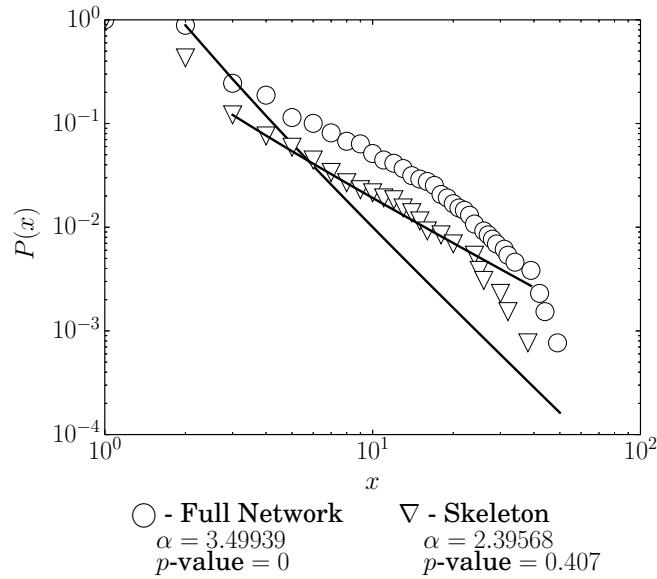
Figure 6: Bach - Violin Concerto in A minor, BWV 1041 (1917)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Bach BWV 1041	3.28	0.00	0.55	0.58	-0.28	0.77	No
Skeleton	4.32	0.00	2.26	0.02	1.32	0.18	YES

Table S7: Likelihood Ratio (LR) test for full musical network and skeleton.

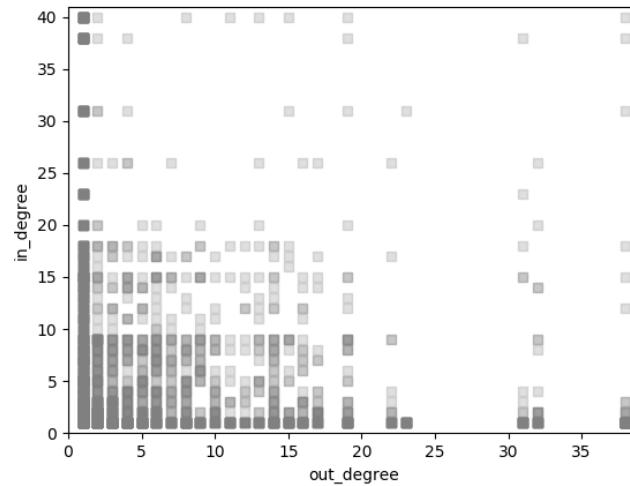
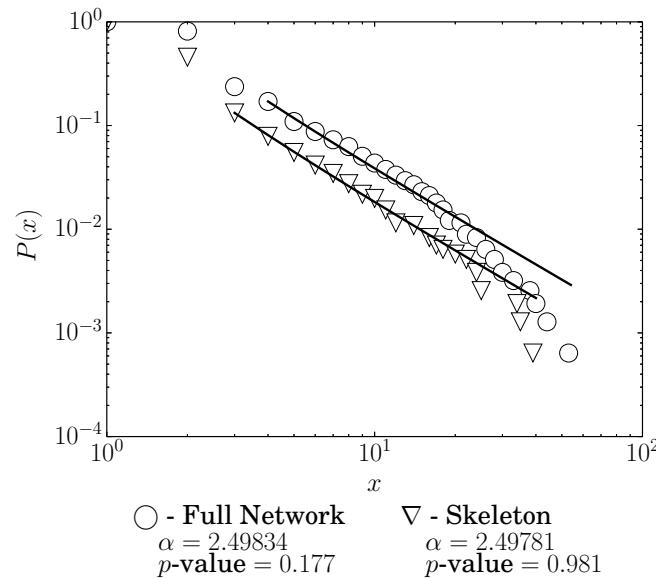
Figure 7: Beethoven - Sonata No. 5 in C minor, Opus 10 (1798)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Beethoven Opus10	-0.14	0.88	-0.46	0.64	-0.48	0.62	No
Skeleton	4.76	0.00	3.26	0.00	2.15	0.03	YES

Table S8: Likelihood Ratio (LR) test for full musical network and skeleton.

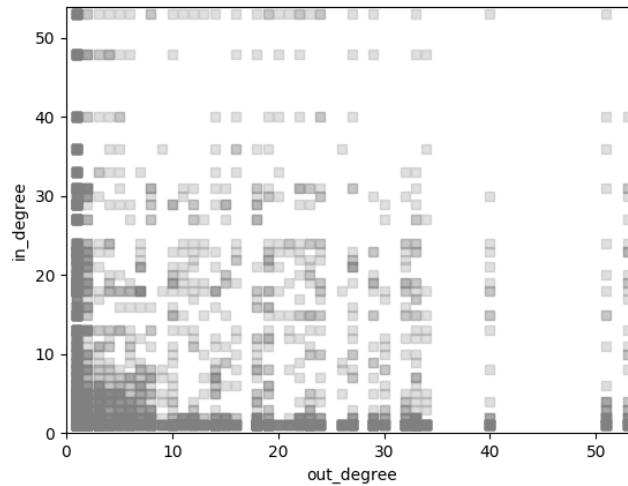
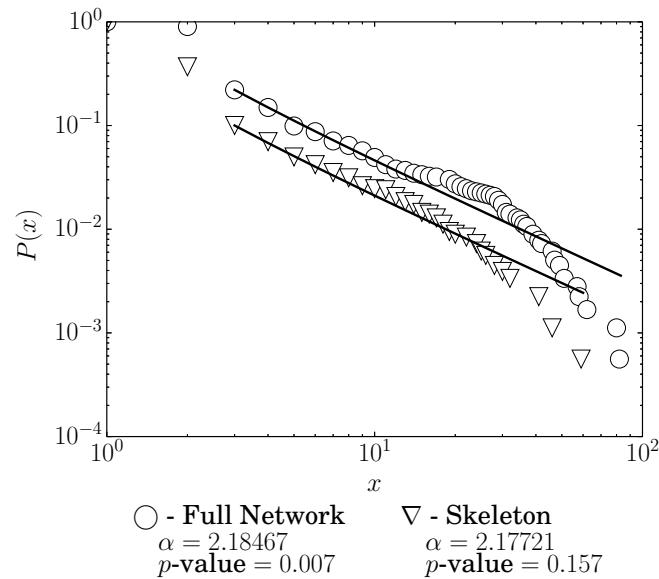
Figure 8: Beethoven - Sonata No. 8 in C minor (Pathetique), Opus 13 (1799)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Beethoven Opus13	0.53	0.59	-0.99	0.31	-1.04	0.29	No
Skeleton	5.48	0.00	4.50	0.00	3.01	0.00	YES

Table S9: Likelihood Ratio (LR) test for full musical network and skeleton.

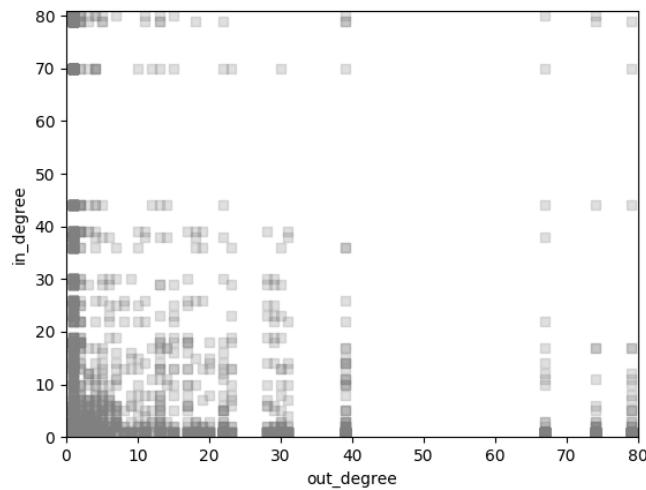
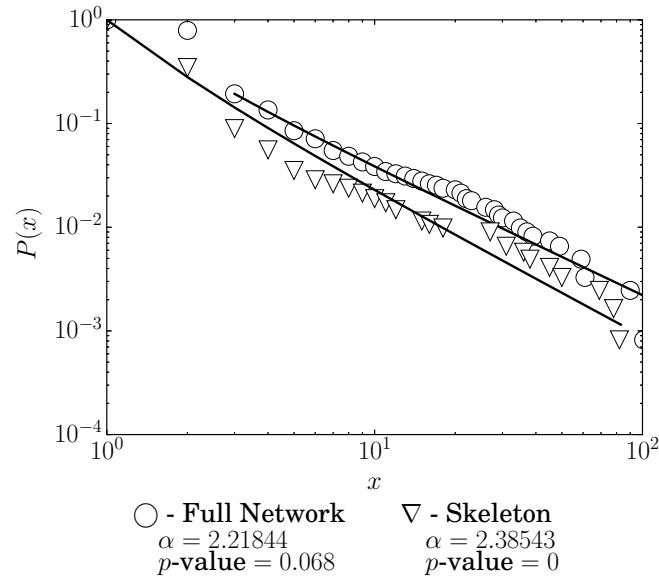
Figure 9: Beethoven - Sonata No. 11 in Bb major, Opus 22 (1800)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Beethoven Opus22	10.02	0.00	6.66	0.00	4.63	0.00	No
Skeleton	4.72	0.00	2.75	0.00	1.46	0.14	YES

Table S10: Likelihood Ratio (LR) test for full musical network and skeleton.

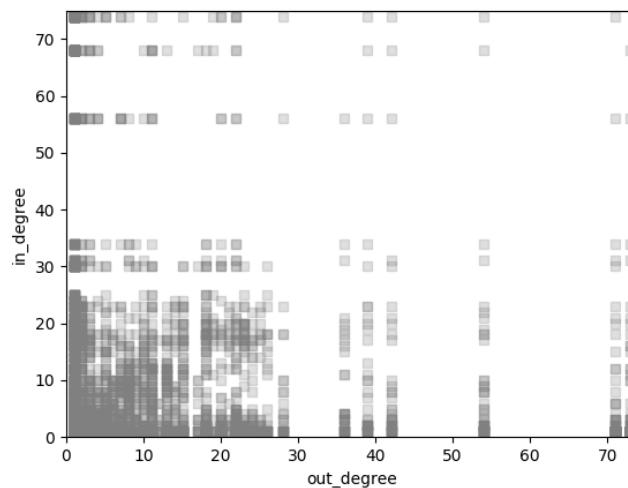
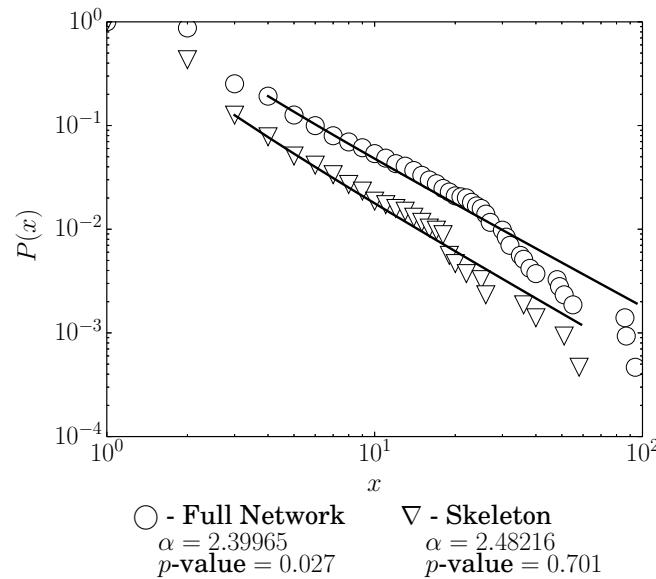
Figure 10: Beethoven - Sonata No. 14 in C# minor (Moonlight), Opus 27/2 (1801)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Beethoven Opus27	7.13	0.00	5.57	0.00	3.94	0.08	No
Skeleton	6.01	0.00	4.61	0.00	3.39	0.00	No

Table S11: Likelihood Ratio (LR) test for full musical network and skeleton.

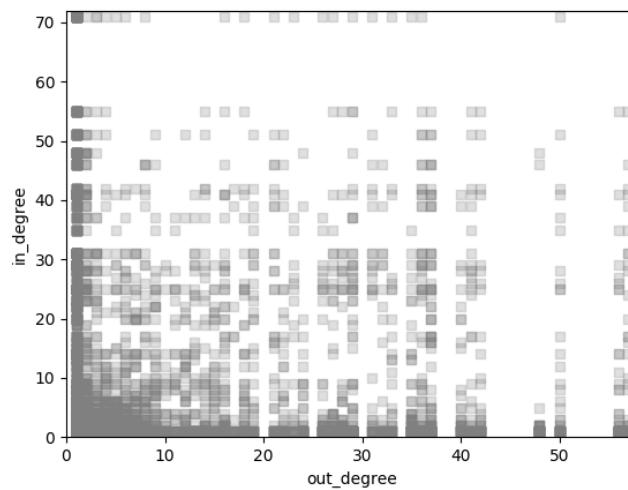
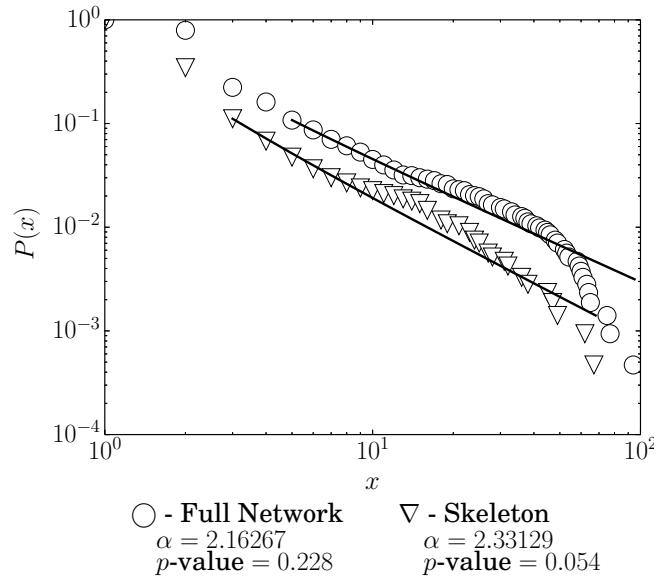
Figure 11: Beethoven - Sonata No. 21 in C major (Waldstein), Opus 53 (1804)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Beethoven Opus53	1.78	0.07	0.85	0.39	0.70	0.48	No
Skeleton	5.84	0.00	5.19	0.00	4.30	0.00	YES

Table S12: Likelihood Ratio (LR) test for full musical network and skeleton.

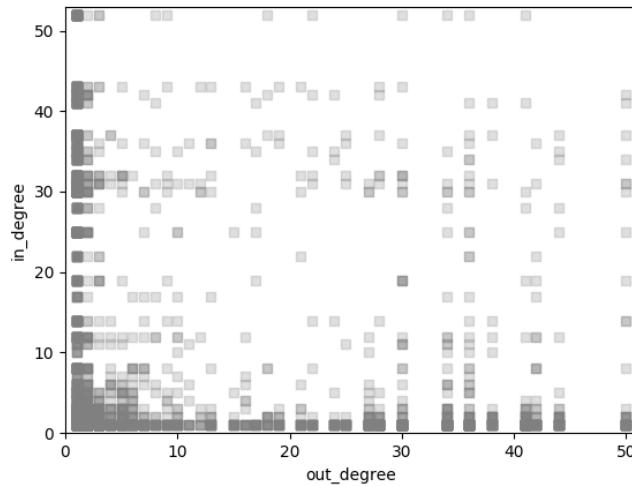
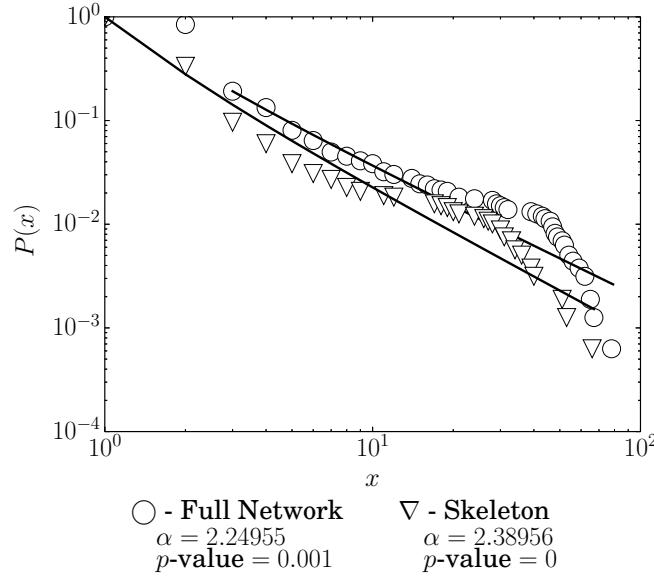
Figure 12: Beethoven - Sonata No. 23 in F minor (Appassionata), Opus 57 (1804)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Beethoven Opus57	5.44	0.00	2.00	0.04	0.76	0.44	YES
Skeleton	13.28	0.00	17.83	0.00	14.89	0.00	No

Table S13: Likelihood Ratio (LR) test for full musical network and skeleton.

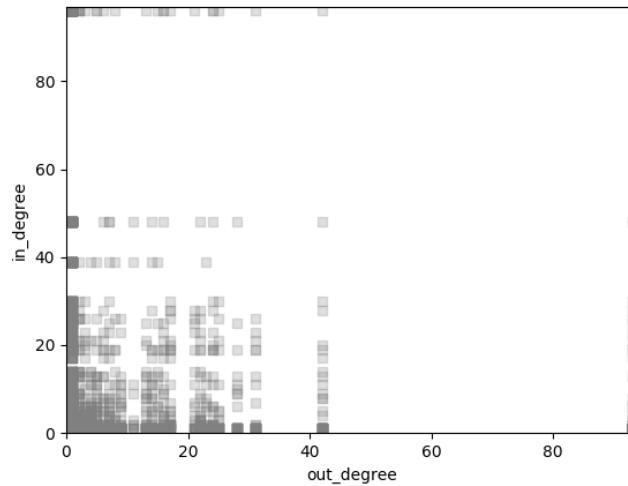
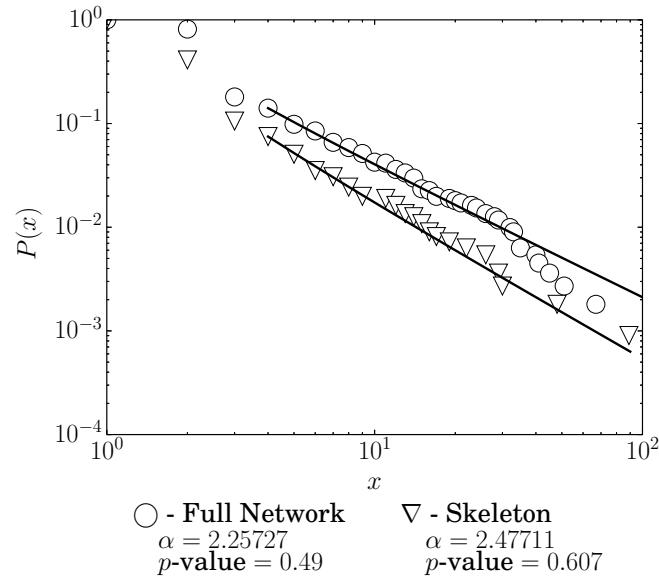
Figure 13: Beethoven - Sonata No. 26 in Eb major (Les Adieux), Opus 81a (1809)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Beethoven Opus81	10.83	0.00	7.47	0.00	5.44	0.00	No
Skeleton	13.86	0.00	16.84	0.00	11.17	0.00	No

Table S14: Likelihood Ratio (LR) test for full musical network and skeleton.

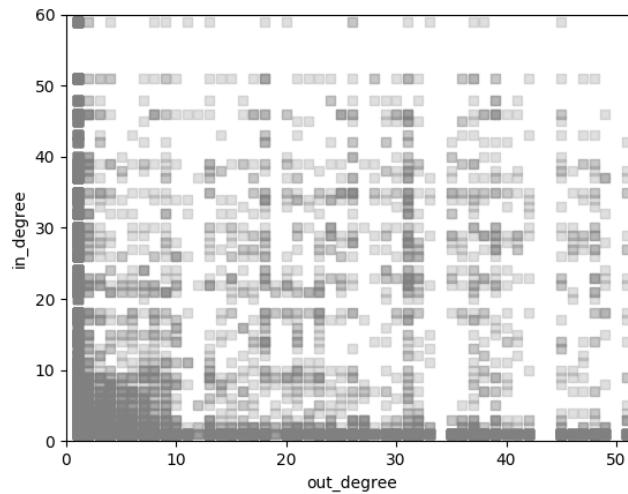
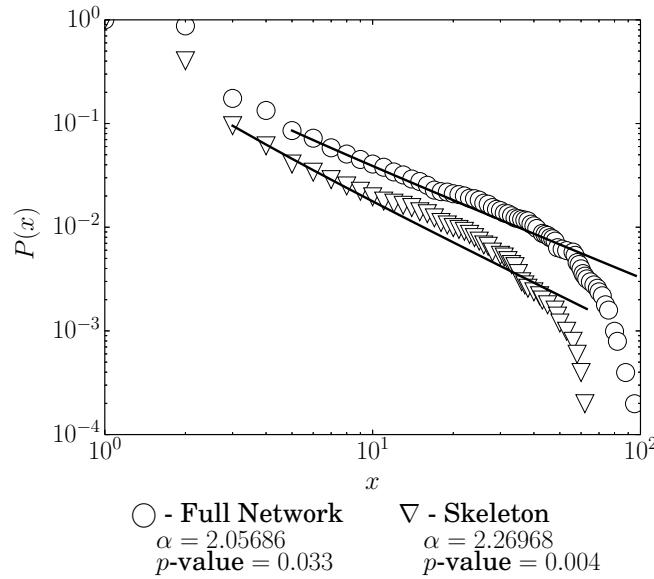
Figure 14: Beethoven - Sonata No. 27 in E minor, Opus 90 (1814)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Beethoven Opus90	3.61	0.00	2.33	0.01	1.48	0.13	YES
Skeleton	2.96	0.00	2.59	0.00	1.95	0.05	YES

Table S15: Likelihood Ratio (LR) test for full musical network and skeleton.

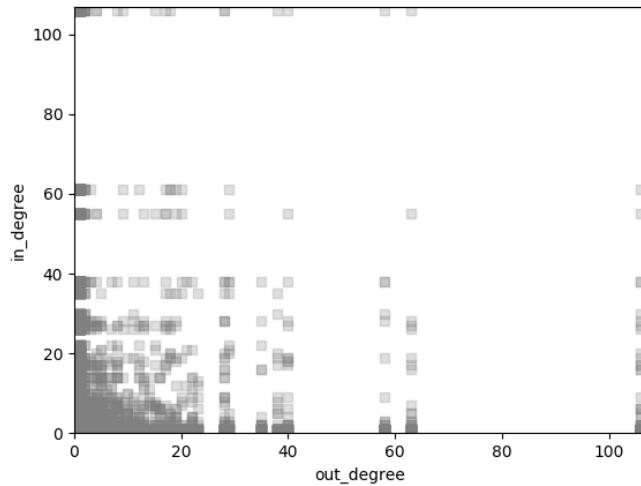
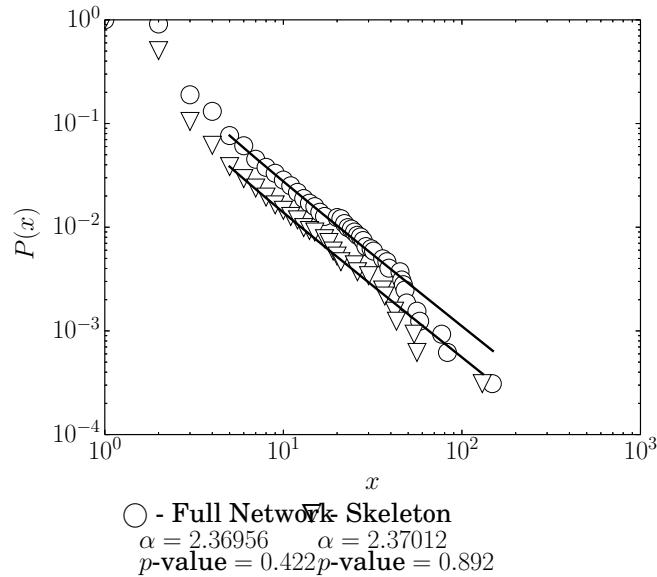
Figure 15: Beethoven - Sonata No. 29 in Bb major (Hammerklavier), Opus 106 (1818)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Beethoven Opus106	6.08	0.00	0.85	0.38	-0.67	0.50	No
Skeleton	11.34	0.00	7.97	0.00	5.97	0.00	No

Table S16: Likelihood Ratio (LR) test for full musical network and skeleton.

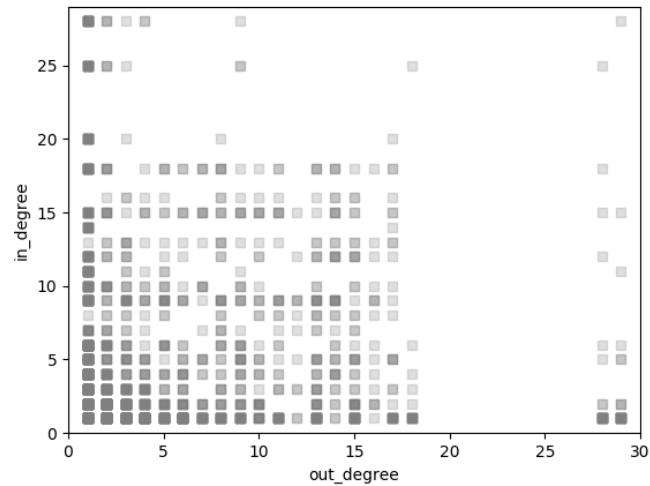
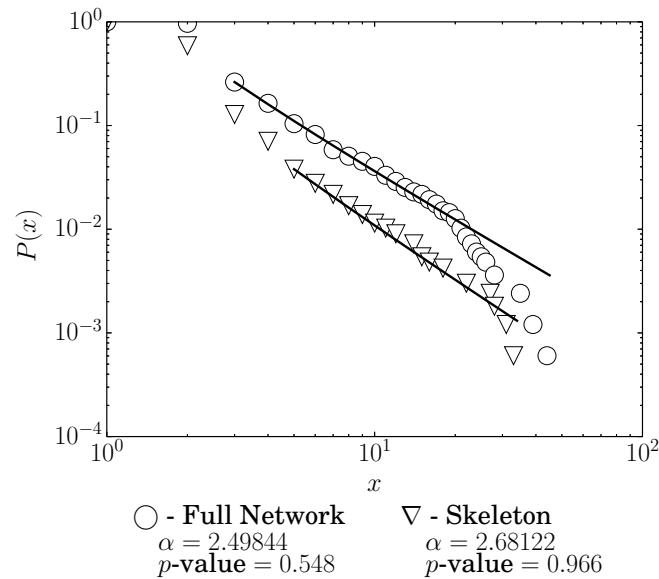
Figure 16: Brahms - Sonata in C major, Opus 1 (1853)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Brahms Opus 1	4.41	0.00	2.86	0.00	1.77	0.07	YES
Skeleton	5.64	0.00	6.97	0.00	5.38	0.00	YES

Table S17: Likelihood Ratio (LR) test for full musical network and skeleton.

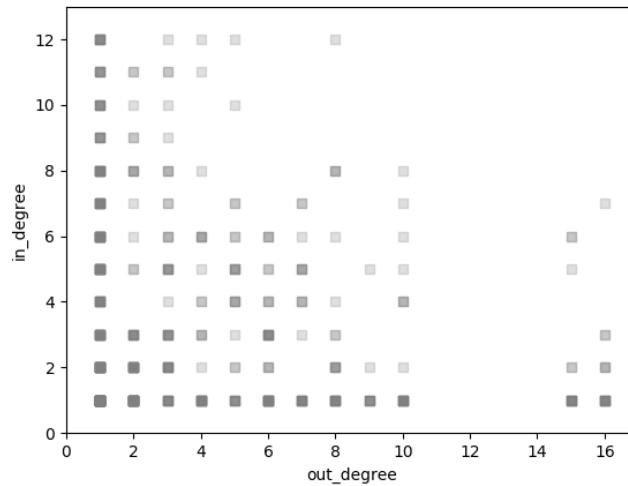
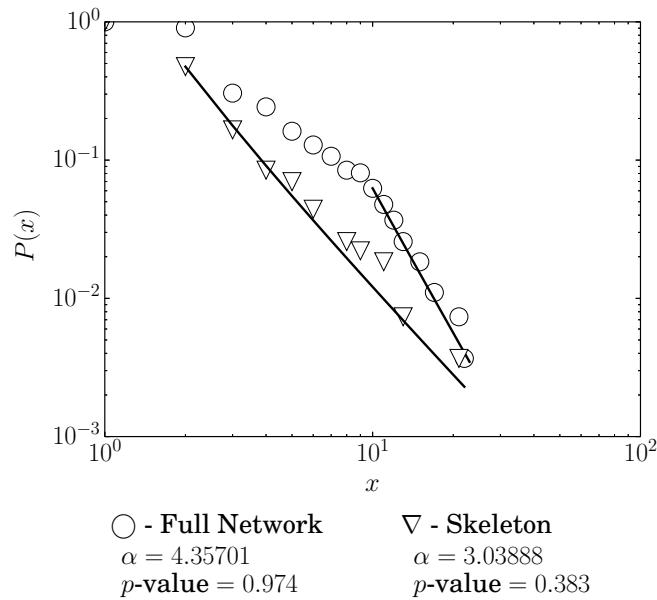
Figure 17: Chopin - Piano sonata No. 2 in Bb minor, Opus 35 (1839)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Chopin Opus 35	8.54	0.00	6.8	0.00	5.42	0.00	YES
Skeleton	2.17	0.02	1.18	0.26	0.58	0.56	YES

Table S18: Likelihood Ratio (LR) test for full musical network and skeleton.

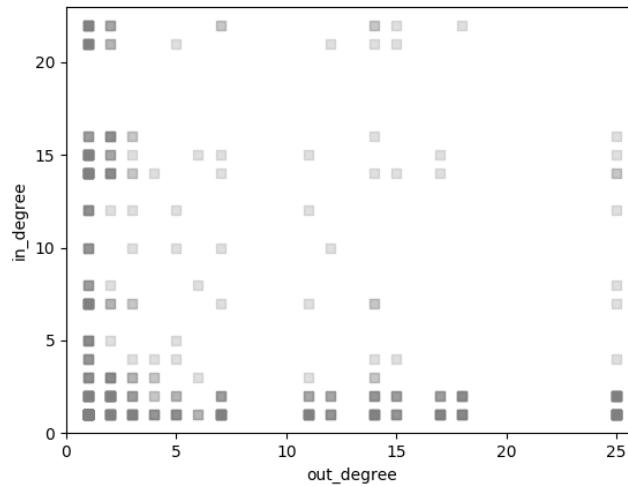
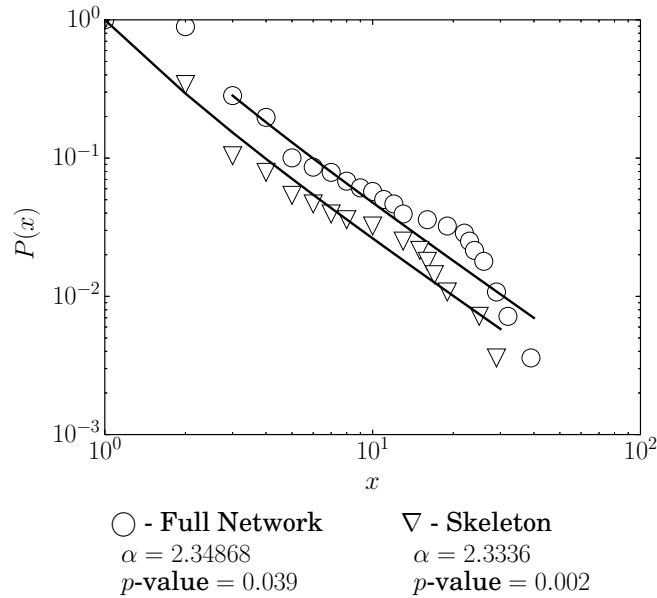
Figure 18: Clementi - Sonatina Opus 36 No. 1 in C major, Opus 36 (1797)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Clementi No. 1	0.33	0.73	0.05	0.95	-0.01	0.98	No
Skeleton	5.46	0.00	6.36	0.00	4.65	0.00	No

Table S19: Likelihood Ratio (LR) test for full musical network and skeleton.

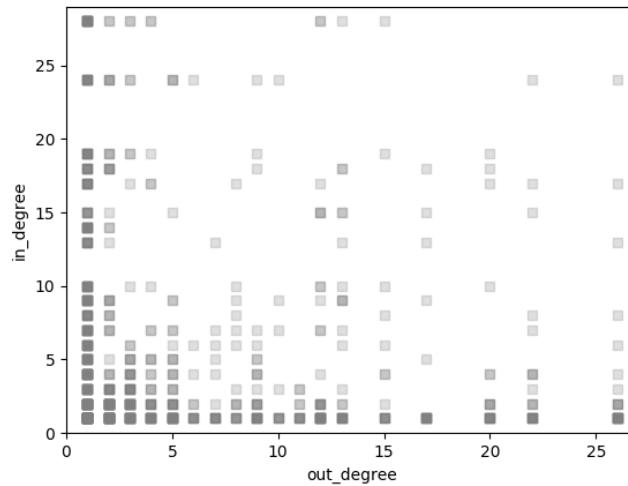
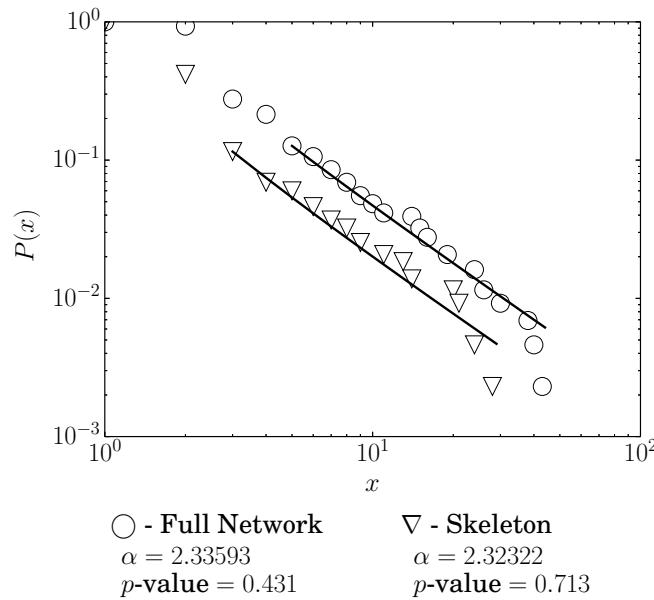
Figure 19: Clementi - Sonatina Opus 36 No. 2 in G major, Opus 36 (1797)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	$p\text{-value}$	LR	$p\text{-value}$	LR	$p\text{-value}$	
Clementi No. 2	5.05	0.00	3.38	0.00	2.37	0.01	No
Skeleton	7.33	0.00	6.35	0.00	6.05	0.00	No

Table S20: Likelihood Ratio (LR) test for full musical network and skeleton.

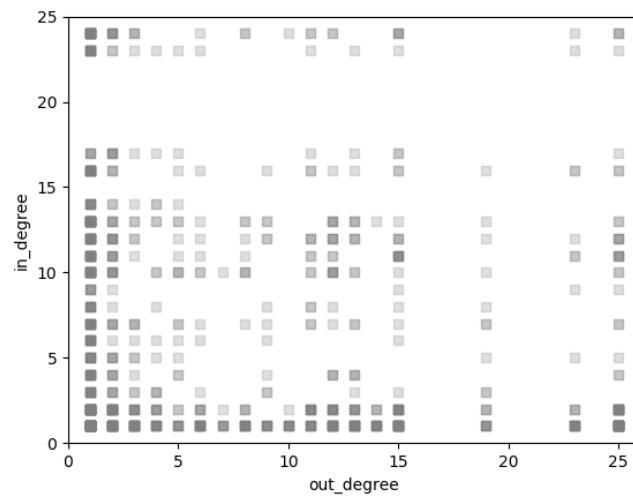
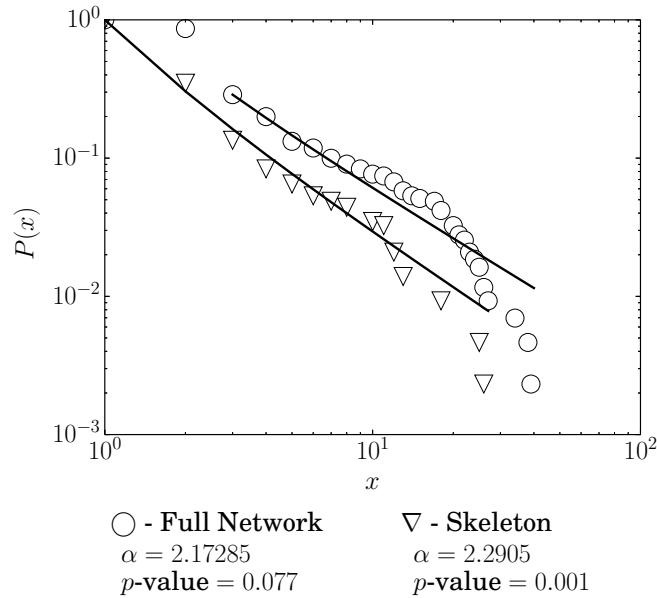
Figure 20: Clementi - Sonatina Opus 36 No. 3 in C major, Opus 36 (1797)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Clementi No. 3	4.31	0.00	3.14	0.00	2.72	0.00	YES
Skeleton	2.68	0.00	1.71	0.08	1.01	0.38	YES

Table S21: Likelihood Ratio (LR) test for full musical network and skeleton.

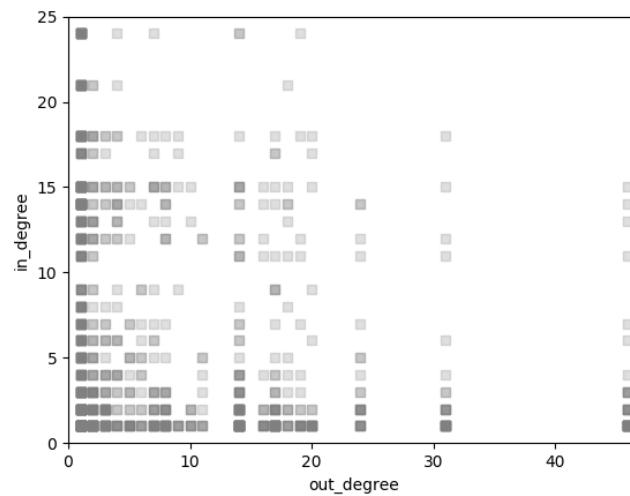
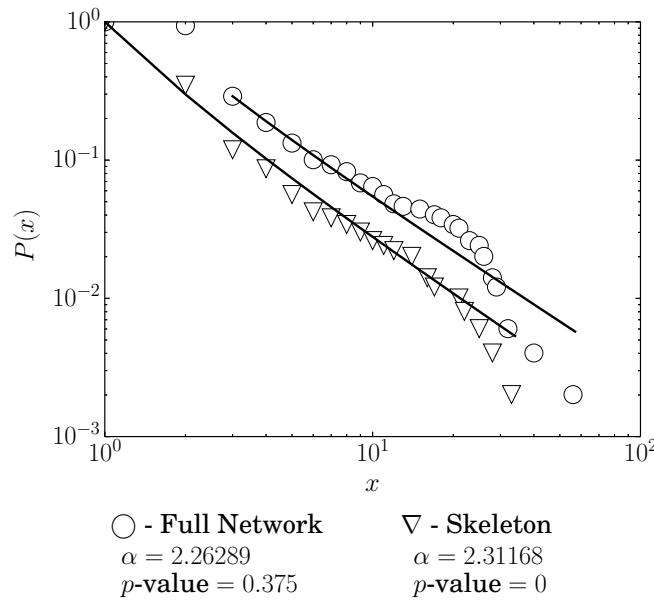
Figure 21: Clementi - Sonatina Opus 36 No. 4 in F major, Opus 36 (1797)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Clementi No. 4	13.54	0.00	12.54	0.00	9.27	0.00	No
Skeleton	7.68	0.00	6.90	0.00	4.63	0.00	No

Table S22: Likelihood Ratio (LR) test for full musical network and skeleton.

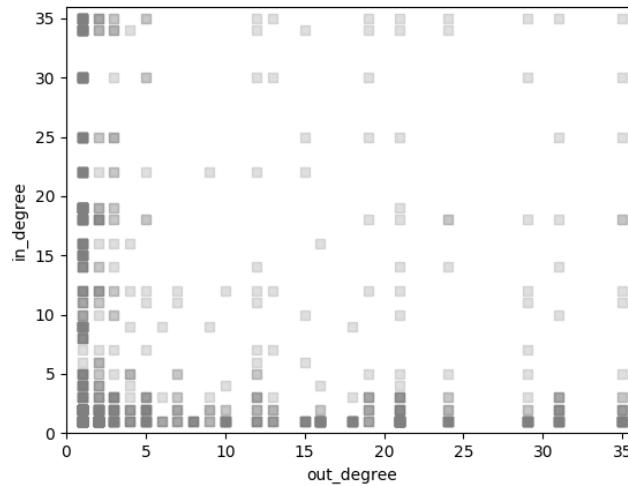
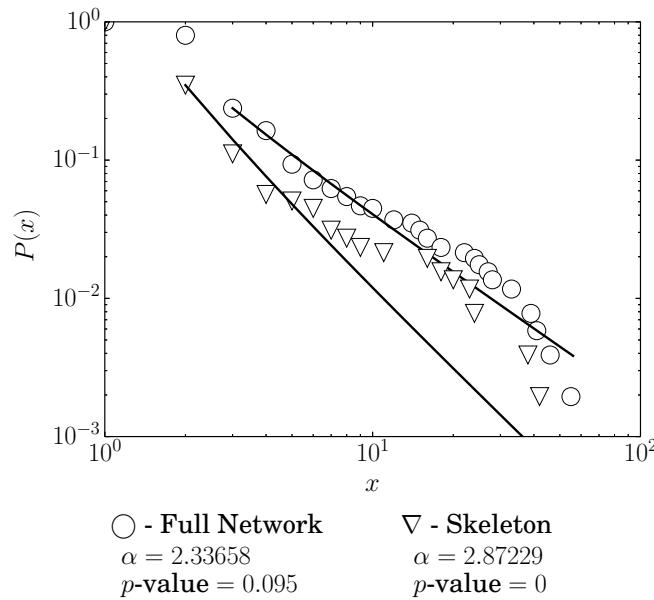
Figure 22: Clementi - Sonatina Opus 36 No. 5 in C major, Opus 36 (1797)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Clementi No. 5	5.62	0.00	3.79	0.00	2.50	0.01	YES
Skeleton	2.80	0.00	1.53	0.12	0.75	0.44	No

Table S23: Likelihood Ratio (LR) test for full musical network and skeleton.

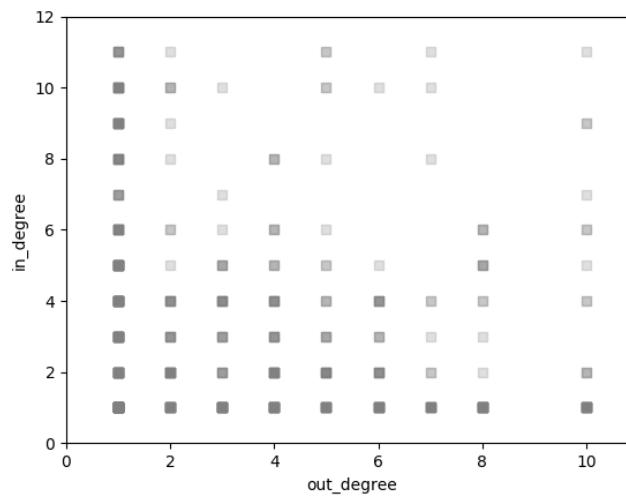
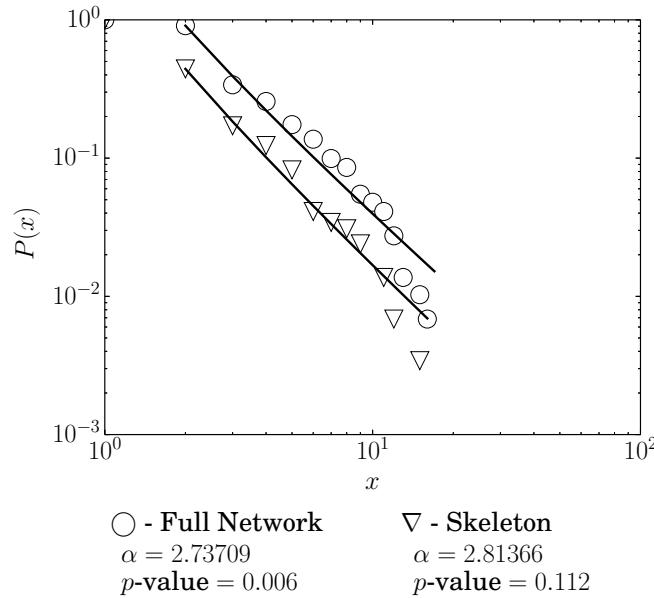
Figure 23: Clementi - Sonatina Opus 36 No. 6 in D major, Opus 36 (1797)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Clementi No. 6	5.99	0.00	4.34	0.00	2.96	0.00	No
Skeleton	8.41	0.00	8.73	0.00	6.66	0.00	No

Table S24: Likelihood Ratio (LR) test for full musical network and skeleton.

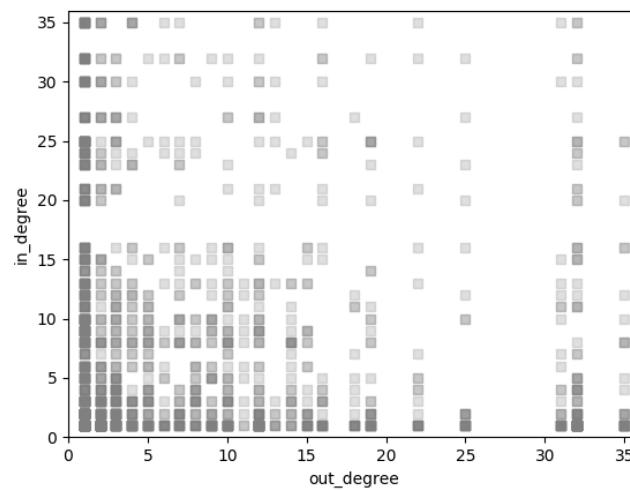
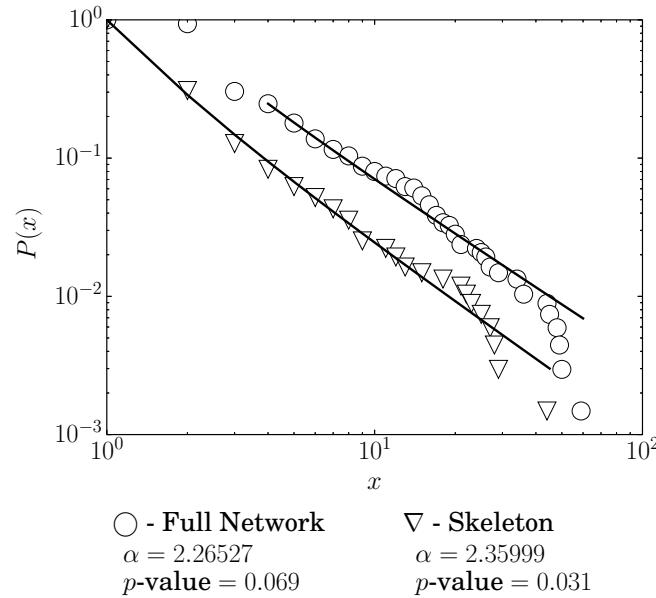
Figure 24: Haydn - Piano Sonata in F major, Hoboken XVI:9 (1766)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Haydn Hoboken 9	0.74	0.45	0.19	0.84	-0.26	0.79	No
Skeleton	1.80	0.10	1.17	0.23	0.72	0.47	YES

Table S25: Likelihood Ratio (LR) test for full musical network and skeleton.

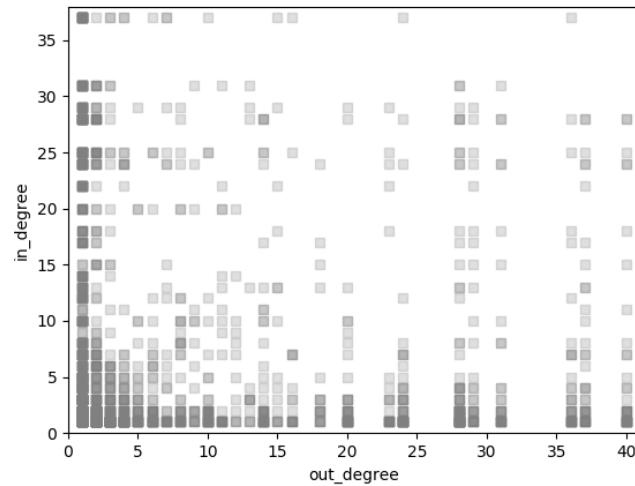
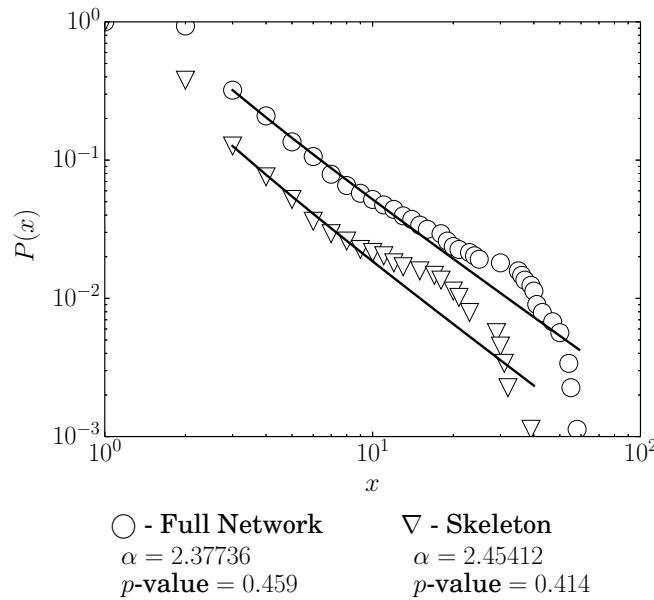
Figure 25: Haydn - Piano Sonata in D major, Hoboken XVI:33 (1778)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Haydn Hoboken 33	0.07	0.38	-0.01	0.99	-0.18	0.85	No
Skeleton	3.62	0.00	2.28	0.02	1.56	0.11	No

Table S26: Likelihood Ratio (LR) test for full musical network and skeleton.

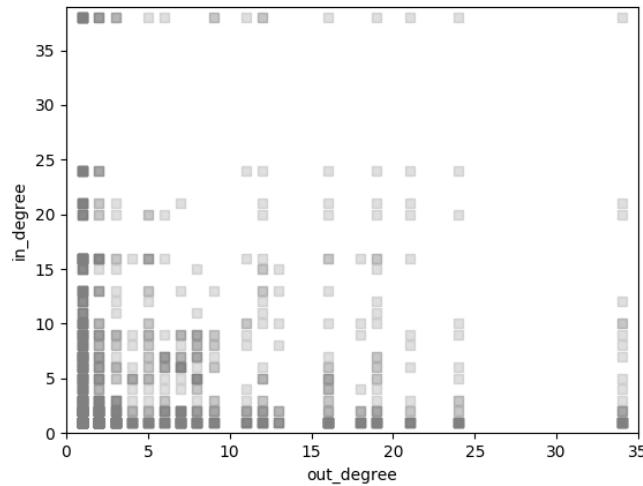
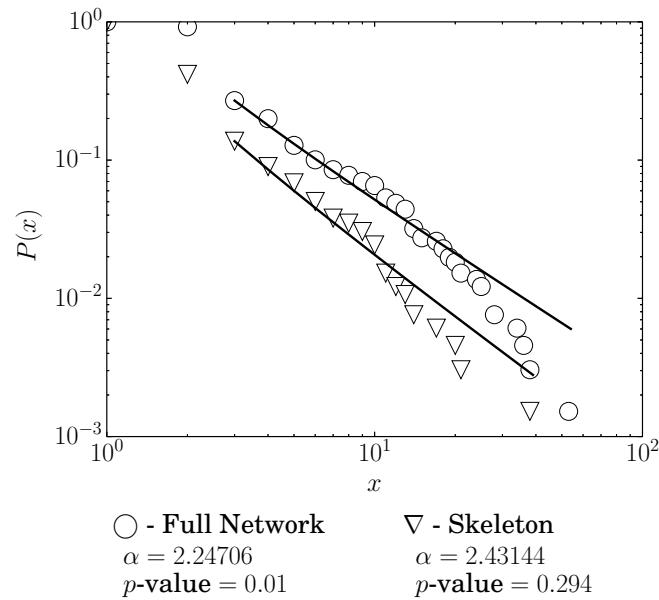
Figure 26: Haydn - Piano Sonata in C major, Hoboken XVI:35 (1780)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p -value	LR	p -value	LR	p -value	
Haydn Hoboken X35	8.59	0.00	6.54	0.00	4.93	0.00	YES
Skeleton	6.22	0.00	4.48	0.00	3.79	0.00	YES

Table S27: Likelihood Ratio (LR) test for full musical network and skeleton.

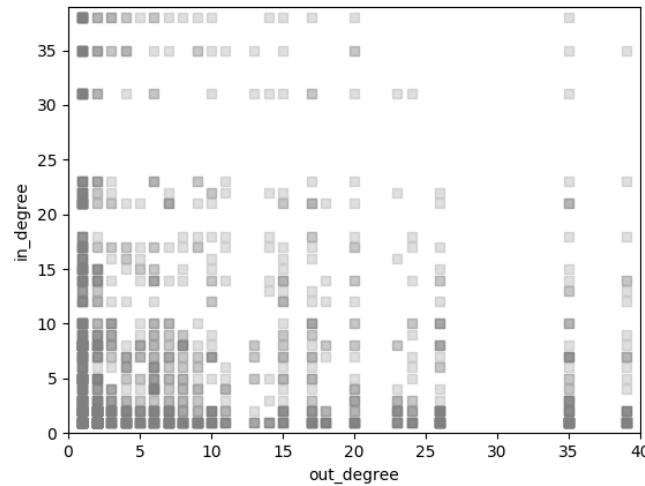
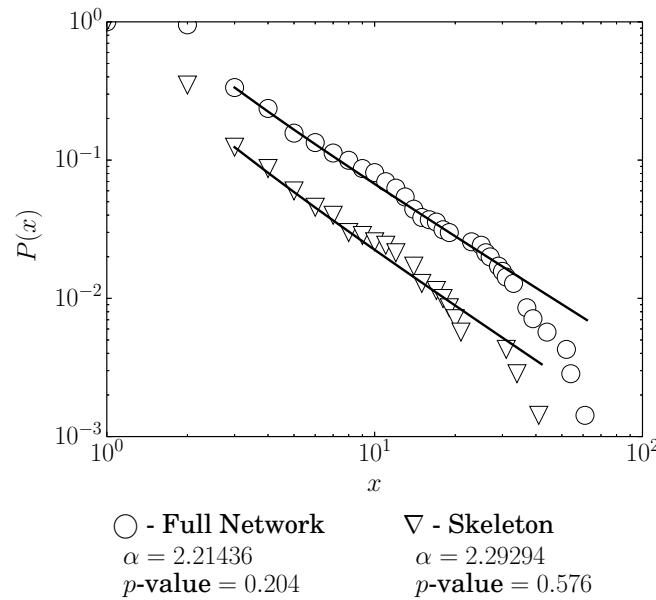
Figure 27: Haydn - Piano Sonata in G major, Hoboken XVI:40 (1784)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Haydn Hoboken 40	0.49	0.61	-0.20	0.83	-0.30	0.76	No
Skeleton	1.48	0.13	1.11	0.26	0.90	0.36	YES

Table S28: Likelihood Ratio (LR) test for full musical network and skeleton.

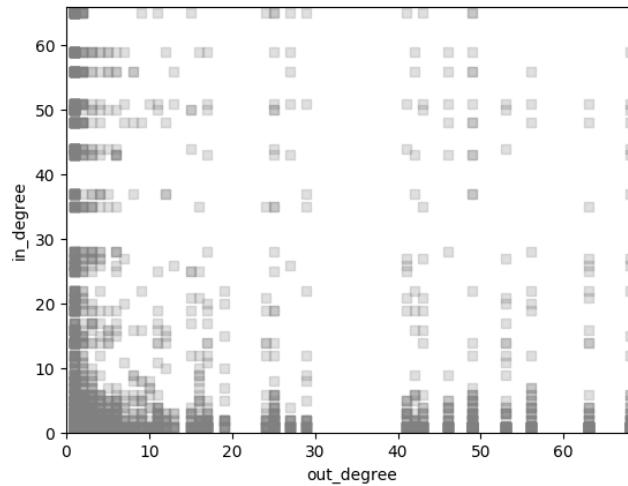
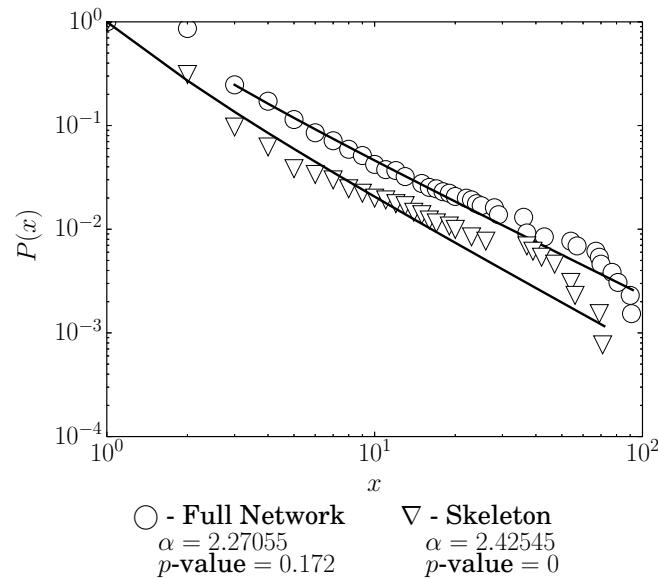
Figure 28: Haydn - Piano Sonata in Ab major, Hoboken XVI:43 (1783)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Haydn Hoboken XVI:43	5.75	0.00	3.59	0.00	2.12	0.03	YES
Skeleton	3.19	0.00	1.92	0.05	1.17	0.24	YES

Table S29: Likelihood Ratio (LR) test for full musical network and skeleton.

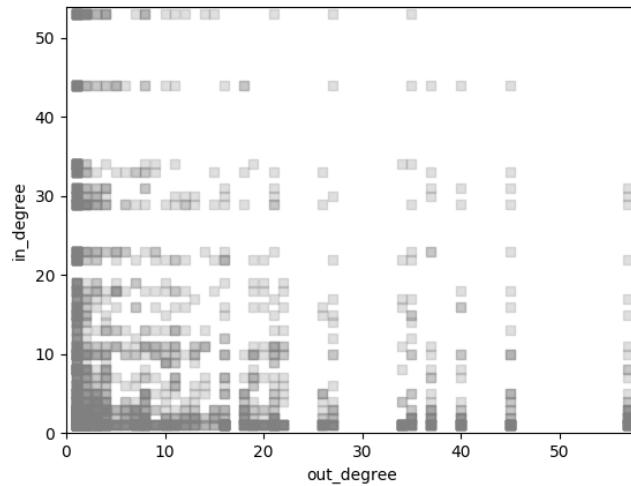
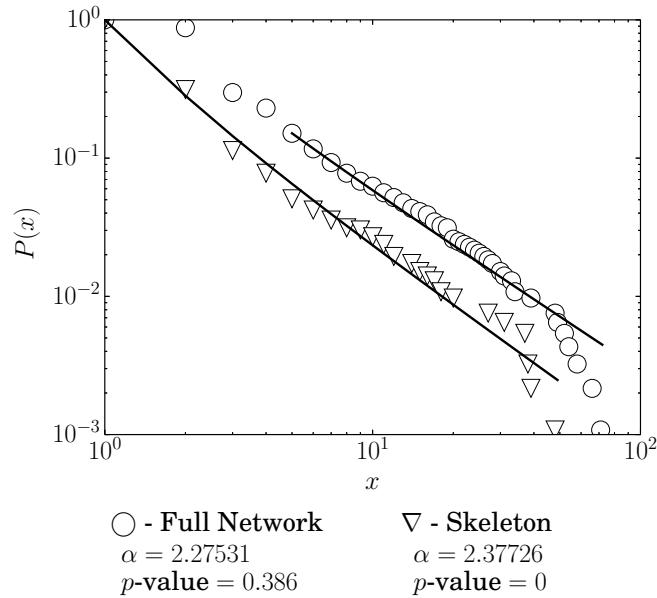
Figure 29: Mozart - Sonata No. 8 in D major, KV 311 (1777)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
MZ KV311	7.58	0.00	5.43	0.00	4.77	0.00	YES
Skeleton	6.51	0.00	4.67	0.00	3.45	0.00	No

Table S30: Likelihood Ratio (LR) test for full musical network and skeleton.

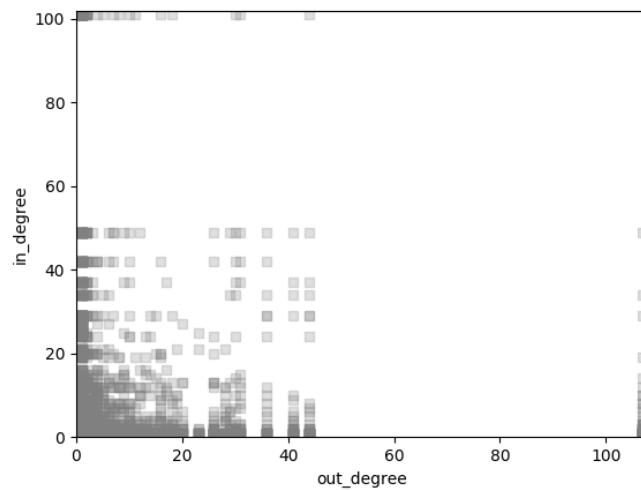
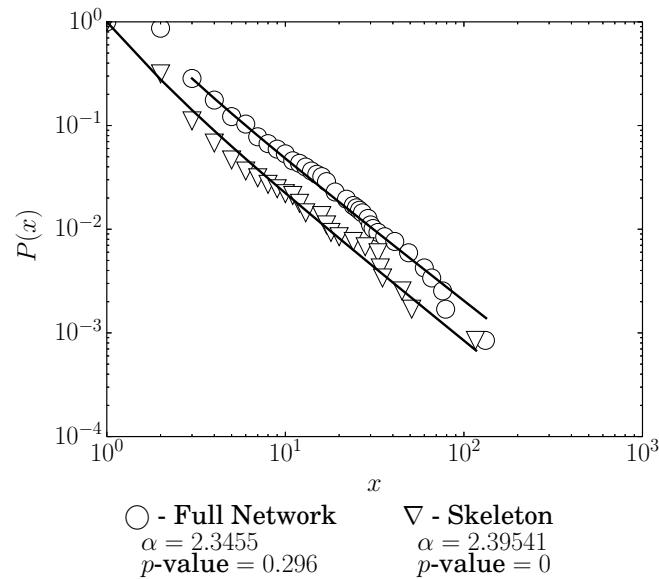
Figure 30: Mozart - Sonata No. 10 in C major, KV 330 (1783)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
MZ KV330	6.58	0.00	4.64	0.00	3.24	0.00	YES
Skeleton	4.59	0.00	2.97	0.00	2.17	0.02	No

Table S31: Likelihood Ratio (LR) test for full musical network and skeleton.

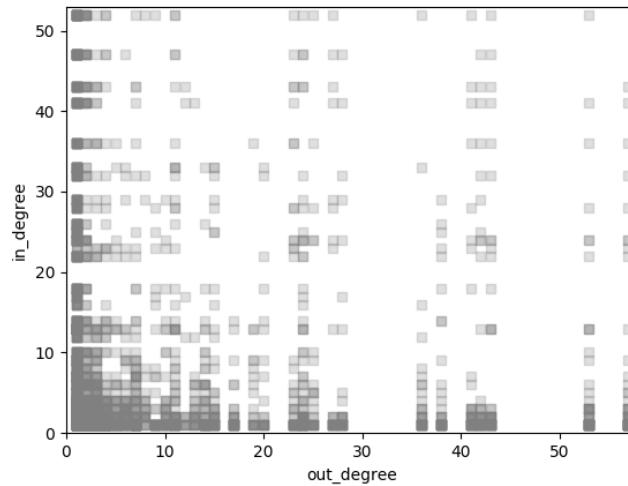
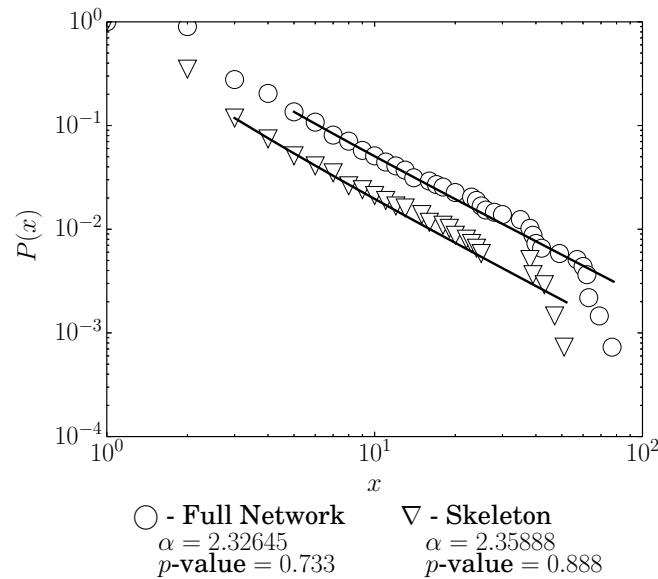
Figure 31: Mozart - Sonata No. 11 in A major (Alla Turca), KV 331 (1783)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p -value	LR	p -value	LR	p -value	
MZ KV331	6.52	0.00	6.48	0.00	4.64	0.00	YES
Skeleton	6.68	0.00	10.69	0.00	8.49	0.00	No

Table S32: Likelihood Ratio (LR) test for full musical network and skeleton.

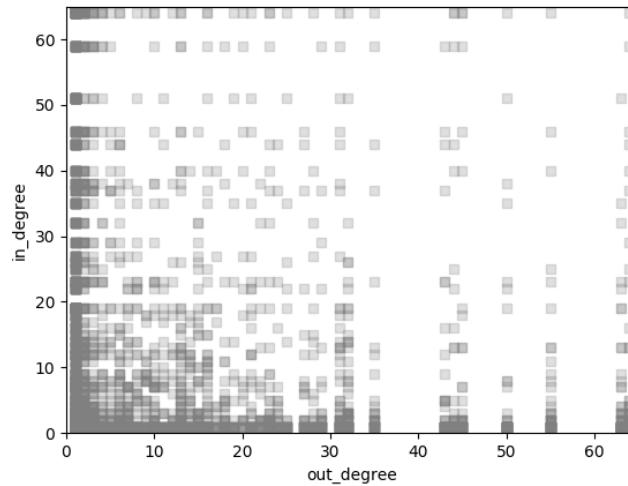
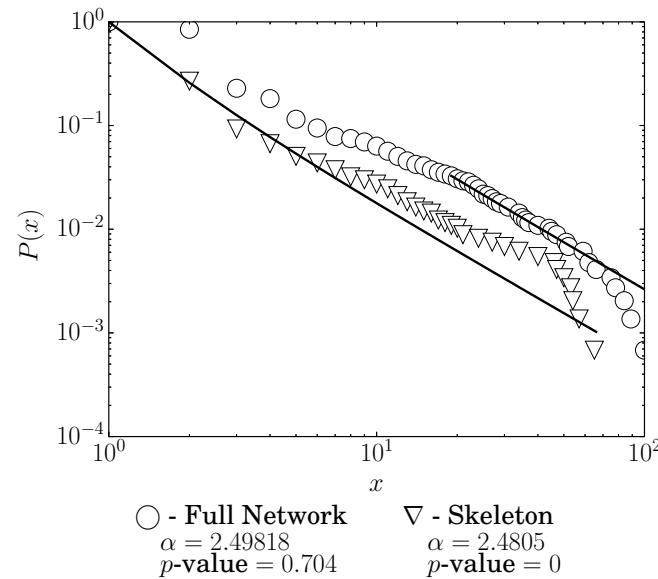
Figure 32: Mozart - Sonata No. 12 in F major, KV 332 (1783)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
MZ KV332	7.48	0.00	5.37	0.00	3.74	0.00	YES
Skeleton	4.22	0.00	2.44	0.01	1.57	0.11	YES

Table S33: Likelihood Ratio (LR) test for full musical network and skeleton.

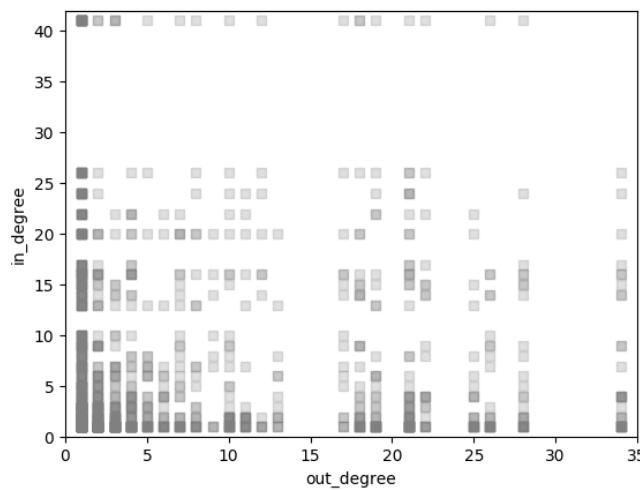
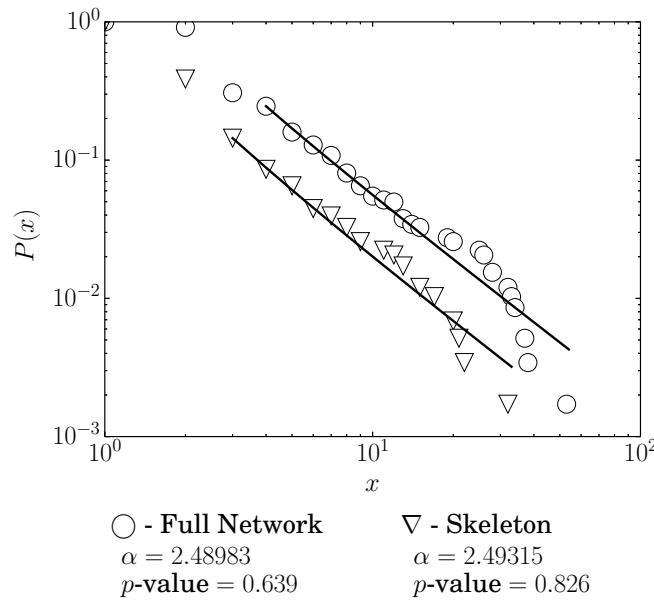
Figure 33: Mozart - Sonata No. 13 in Bb major, KV 333 (1783)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p -value	LR	p -value	LR	p -value	
MZ KV333	-0.76	0.44	-1.19	0.23	-1.25	0.21	No
Skeleton	0.82	0.41	-0.67	0.50	-0.69	0.48	No

Table S34: Likelihood Ratio (LR) test for full musical network and skeleton.

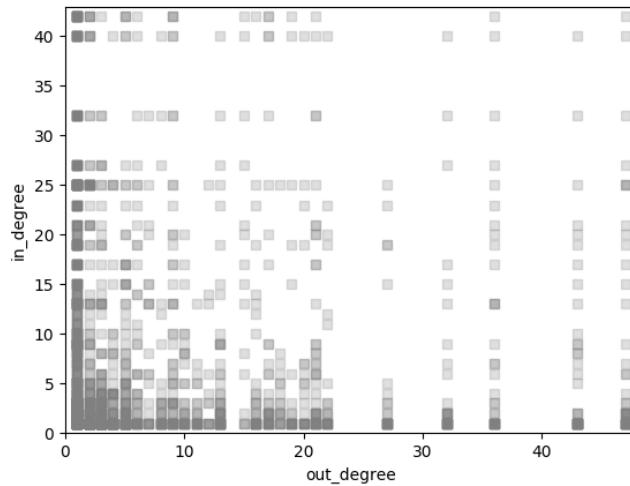
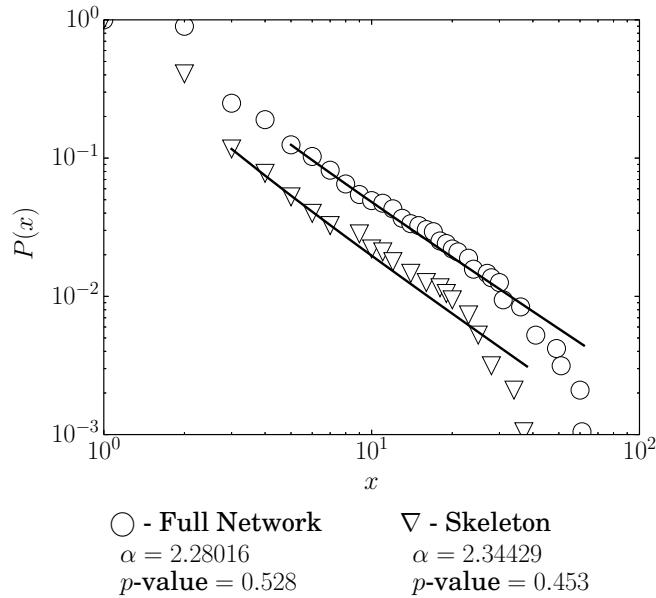
Figure 34: Mozart - Sonata No. 16 in C major (Sonata facile), KV 545 (1788)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	$p\text{-value}$	LR	$p\text{-value}$	LR	$p\text{-value}$	
MZ KV545	5.04	0.00	3.33	0.00	2.40	0.01	YES
Skeleton	3.68	0.00	2.54	0.01	2.26	0.02	YES

Table S35: Likelihood Ratio (LR) test for full musical network and skeleton.

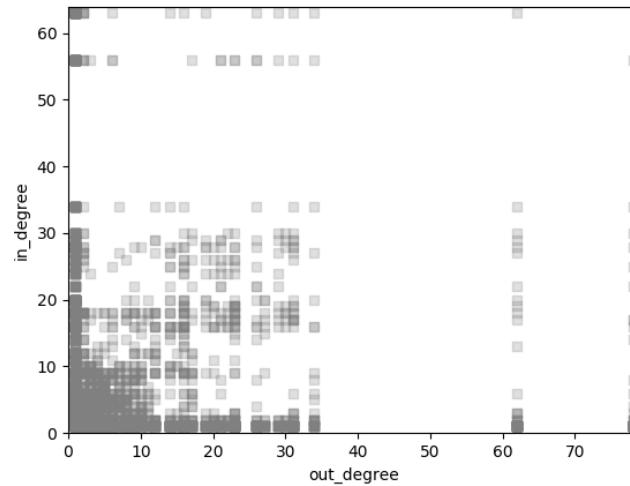
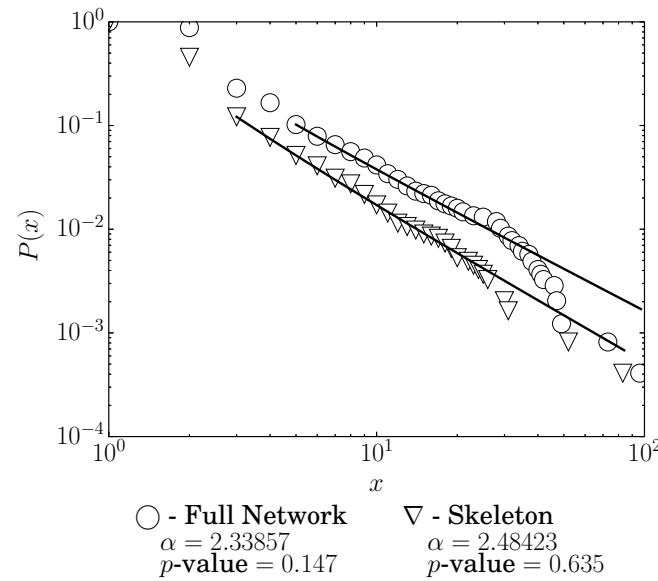
Figure 35: Mozart - Sonata No. 17 in Bb major, KV 570 (1789)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
MZ KV570	5.61	0.00	3.75	0.00	2.45	0.01	YES
Skeleton	4.56	0.00	2.99	0.00	1.87	0.06	YES

Table S36: Likelihood Ratio (LR) test for full musical network and skeleton.

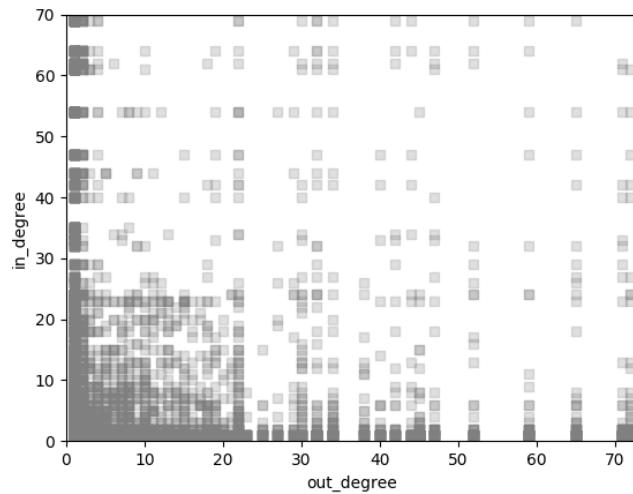
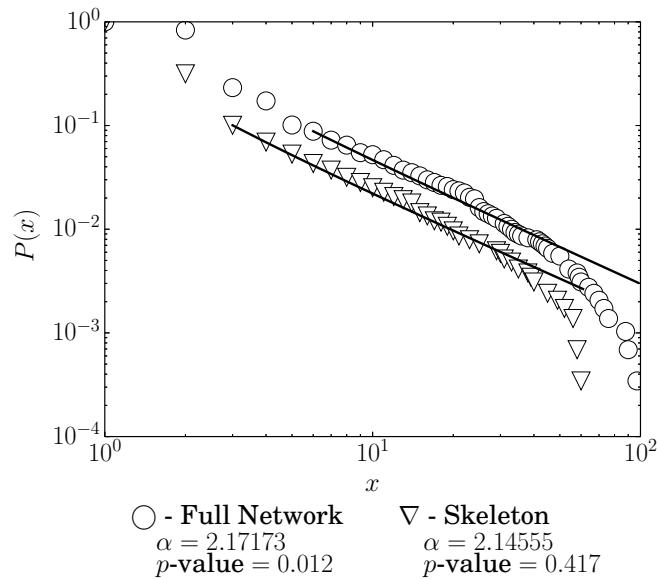
Figure 36: Schubert - Fantasia in C major (Wanderer), D 760, Opus 15 (1822)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Schubert Opus15	2.13	0.03	-0.22	0.82	-0.77	0.43	No
Skeleton	4.81	0.00	4.74	0.00	3.27	0.00	YES

Table S37: Likelihood Ratio (LR) test for full musical network and skeleton.

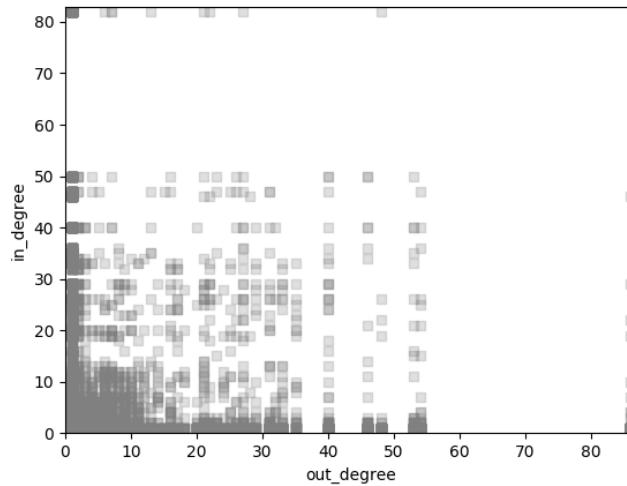
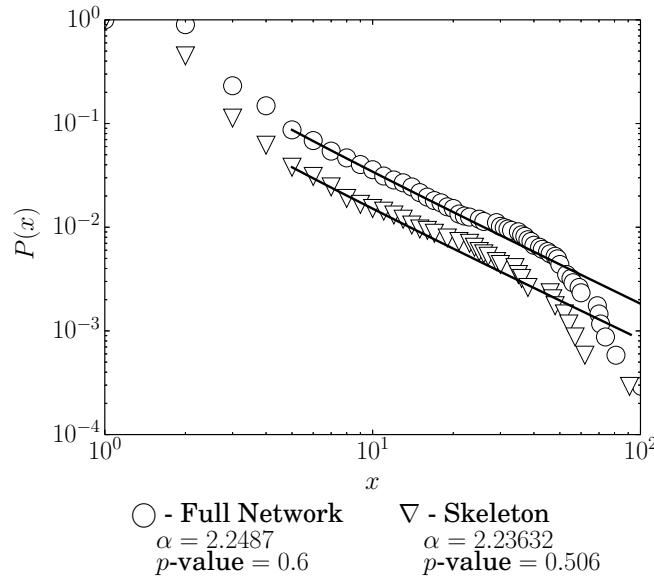
Figure 37: Schubert - Piano Sonata in Bb major, D 960 (1828)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Schubert D960	2.86	0.00	-0.56	0.57	-1.18	0.23	No
Skeleton	6.36	0.00	3.62	0.00	1.98	0.04	YES

Table S38: Likelihood Ratio (LR) test for full musical network and skeleton.

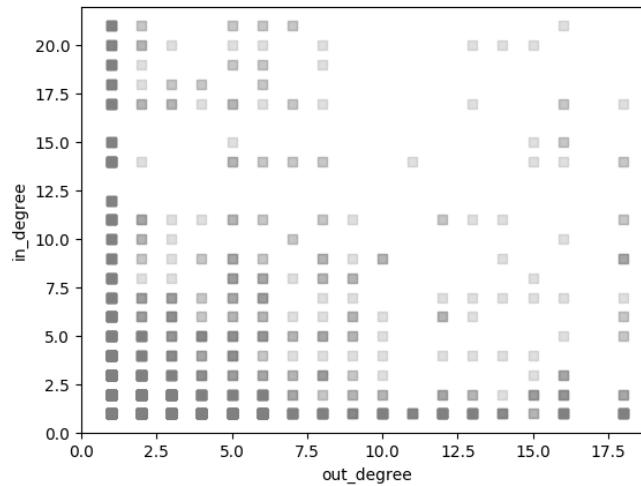
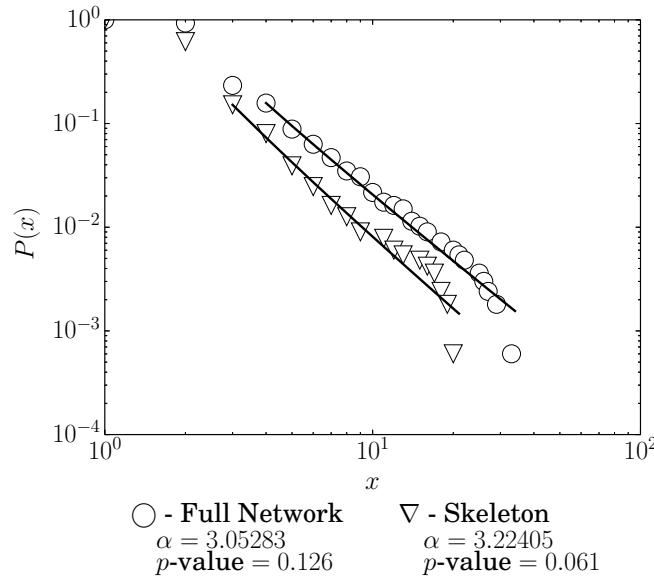
Figure 38: Schubert - Piano Sonata in D major, D 850, Opus 53 (1825)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Schubert D850 Opus 53	6.22	0.00	2.71	0.00	1.39	0.16	YES
Skeleton	9.50	0.00	9.50	0.00	8.25	0.00	YES

Table S39: Likelihood Ratio (LR) test for full musical network and skeleton.

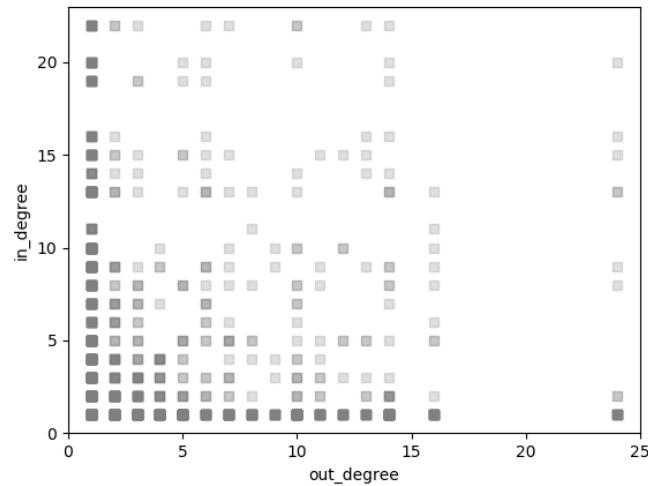
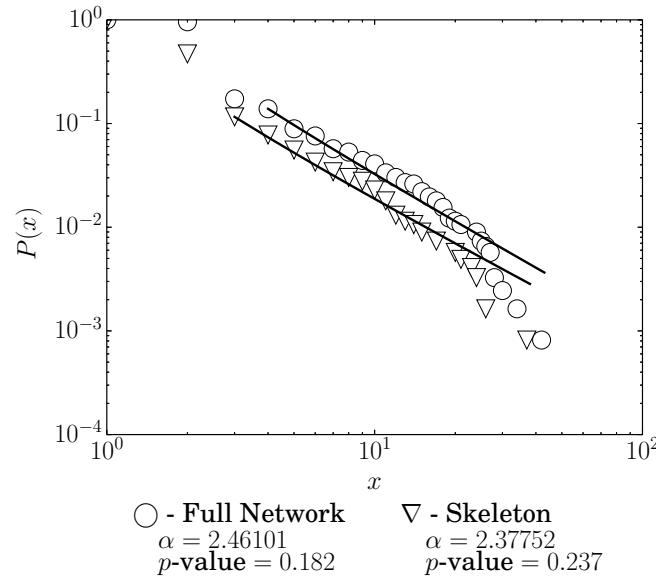
Figure 39: Schubert - Piano Sonata in A minor, D 784, Opus 143 (1823)



Likelihood Ratio Test – Clauset’s Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Schubert D784 Opus 143	6.62	0.00	5.70	0.00	4.42	0.00	YES
Skeleton	6.36	0.00	5.60	0.00	4.75	0.00	No

Table S40: Likelihood Ratio (LR) test for full musical network and skeleton.

Figure 40: Shostakovich - Piano Quintet in G minor, Opus 57 (1940)



Likelihood Ratio Test – Clauset's Third Step							
Musical Network	Exponential		Log-normal		Stretched exponential		Scale-free?
	LR	p-value	LR	p-value	LR	p-value	
Shostakovich Opus 57	4.15	0.00	2.57	0.00	1.43	0.15	YES
Skeleton	0.80	0.42	0.19	0.84	0.01	0.98	YES

Table S41: Likelihood Ratio (LR) test for full musical network and skeleton.