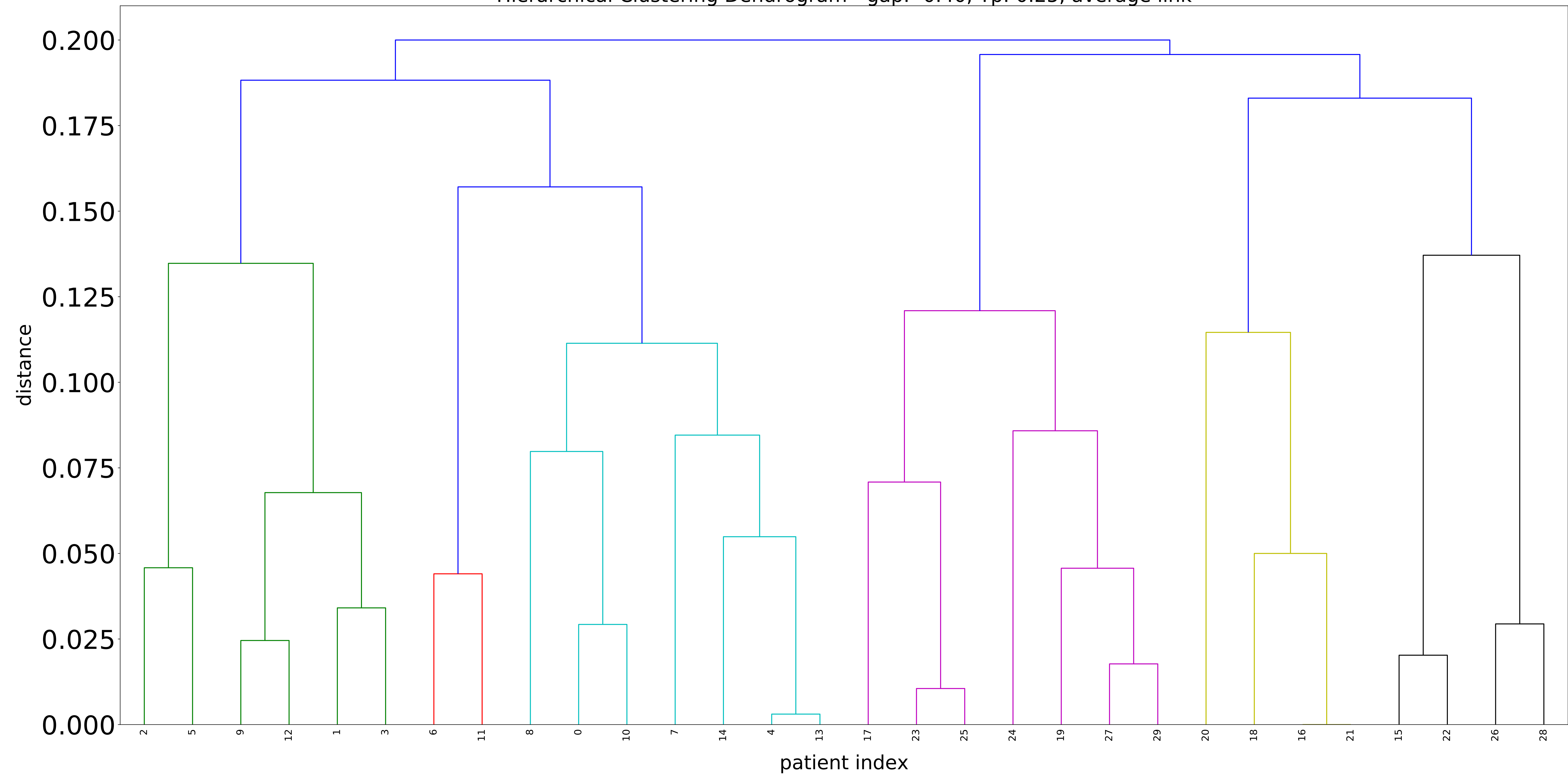


Hierarchical Clustering Dendrogram - gap: -0.40, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9422159524601771

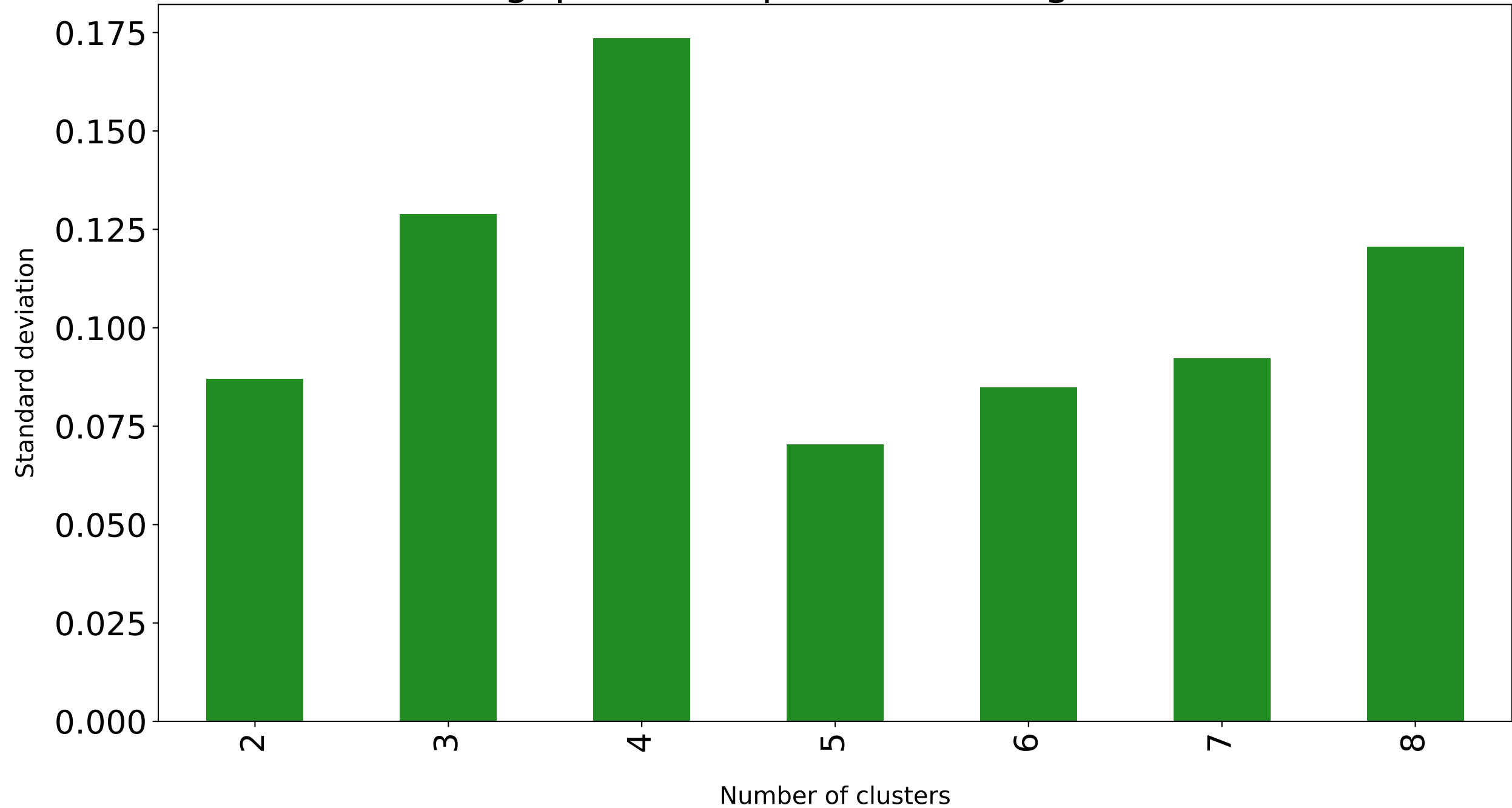
Average values of eleven external indices
gap: -0.40, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
0.993	0.986	0.994	0.99	0.989	0.004	0.986	0.987	0.994	0.024	0.075	2.0
0.967	0.929	0.955	0.924	0.944	0.037	0.934	0.93	0.955	0.183	1.108	3.0
0.948	0.867	0.904	0.844	0.917	0.054	0.896	0.872	0.902	0.266	1.084	4.0
0.991	0.97	0.976	0.959	0.976	0.015	0.981	0.971	0.976	0.084	1.102	5.0
0.977	0.915	0.929	0.874	0.91	0.041	0.955	0.916	0.928	0.227	2.853	6.0
0.969	0.872	0.891	0.811	0.84	0.062	0.938	0.874	0.89	0.326	3.905	7.0
0.967	0.846	0.867	0.776	0.808	0.063	0.933	0.849	0.864	0.33	3.185	8.0

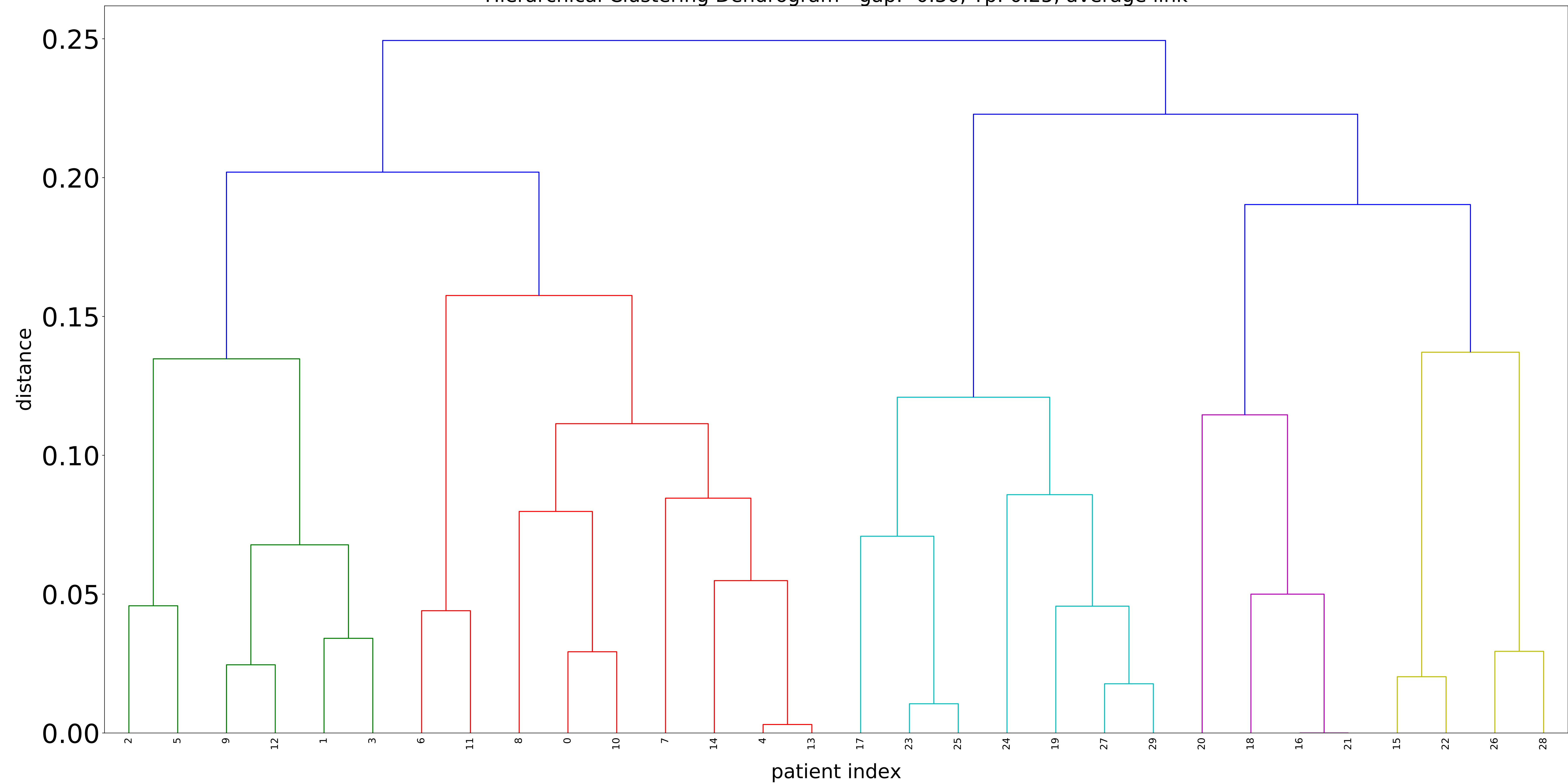
Average values of six internal indices
gap: -0.40, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.156	129.475	3.872	8.516	0.222	2546.032	2.0
0.142	694.467	4.86	8.442	0.347	2573.0	3.0
0.133	2092.629	10.095	16.562	0.416	2902.938	4.0
0.176	4236.275	19.125	21.084	0.478	3170.202	5.0
0.222	10589.798	36.449	20.546	0.511	2702.174	6.0
0.187	11129.635	41.247	12.638	0.597	1706.15	7.0
0.166	19504.652	60.891	13.483	0.616	2185.716	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: -0.40, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: -0.30, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

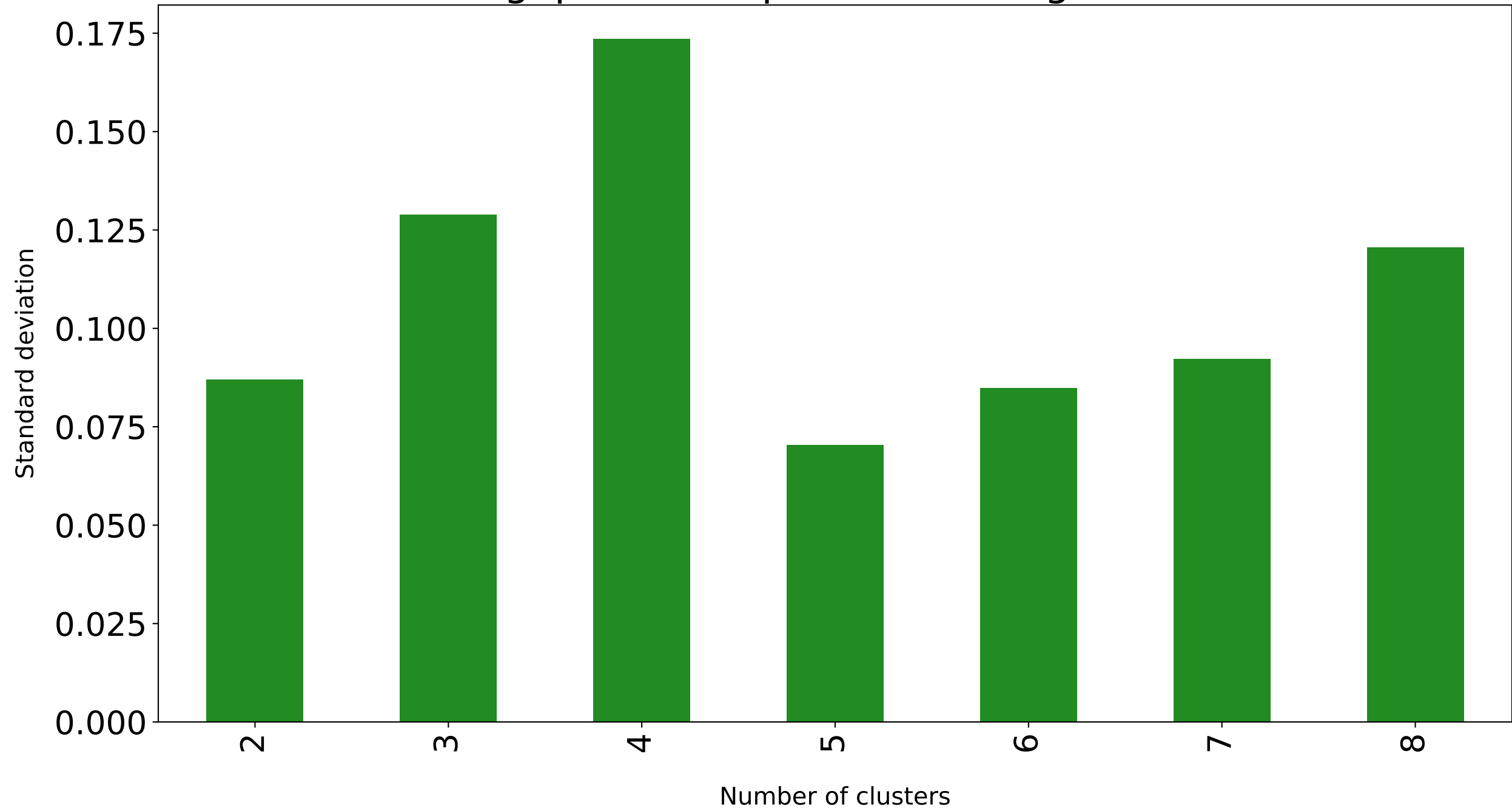
Average values of eleven external indices
gap: -0.30, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.976	0.948	0.967	0.943	0.959	0.028	0.952	0.948	0.967	0.141	0.917	3.0
0.959	0.893	0.921	0.87	0.927	0.045	0.918	0.895	0.92	0.229	1.115	4.0
0.99	0.97	0.976	0.957	0.975	0.015	0.981	0.97	0.976	0.09	1.297	5.0
0.975	0.907	0.923	0.863	0.907	0.046	0.95	0.908	0.922	0.254	3.08	6.0
0.966	0.861	0.883	0.796	0.826	0.067	0.932	0.864	0.881	0.357	4.041	7.0
0.966	0.843	0.865	0.773	0.801	0.064	0.932	0.847	0.862	0.34	3.388	8.0

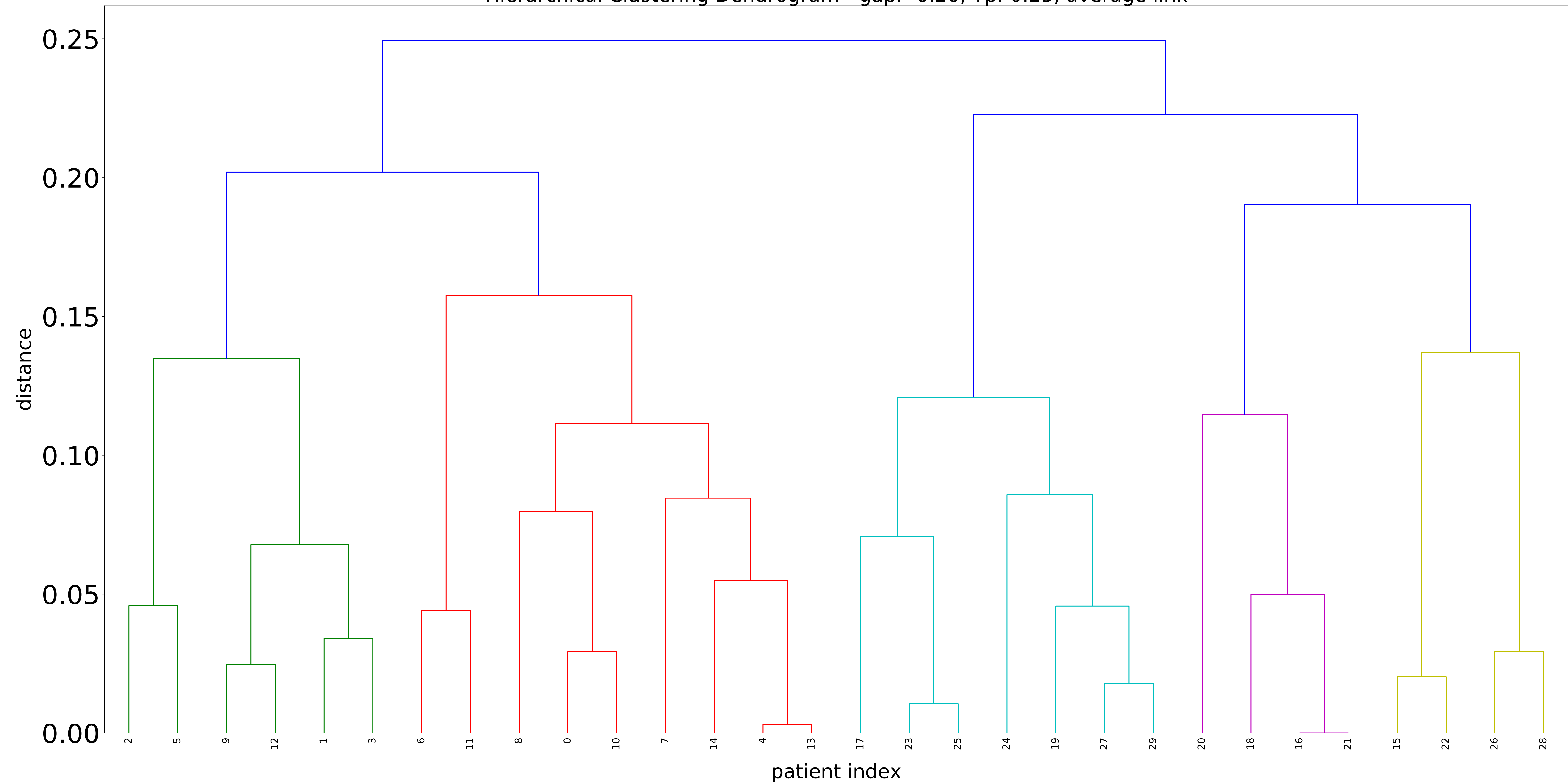
Average values of six internal indices
gap: -0.30, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: -0.30, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: -0.20, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

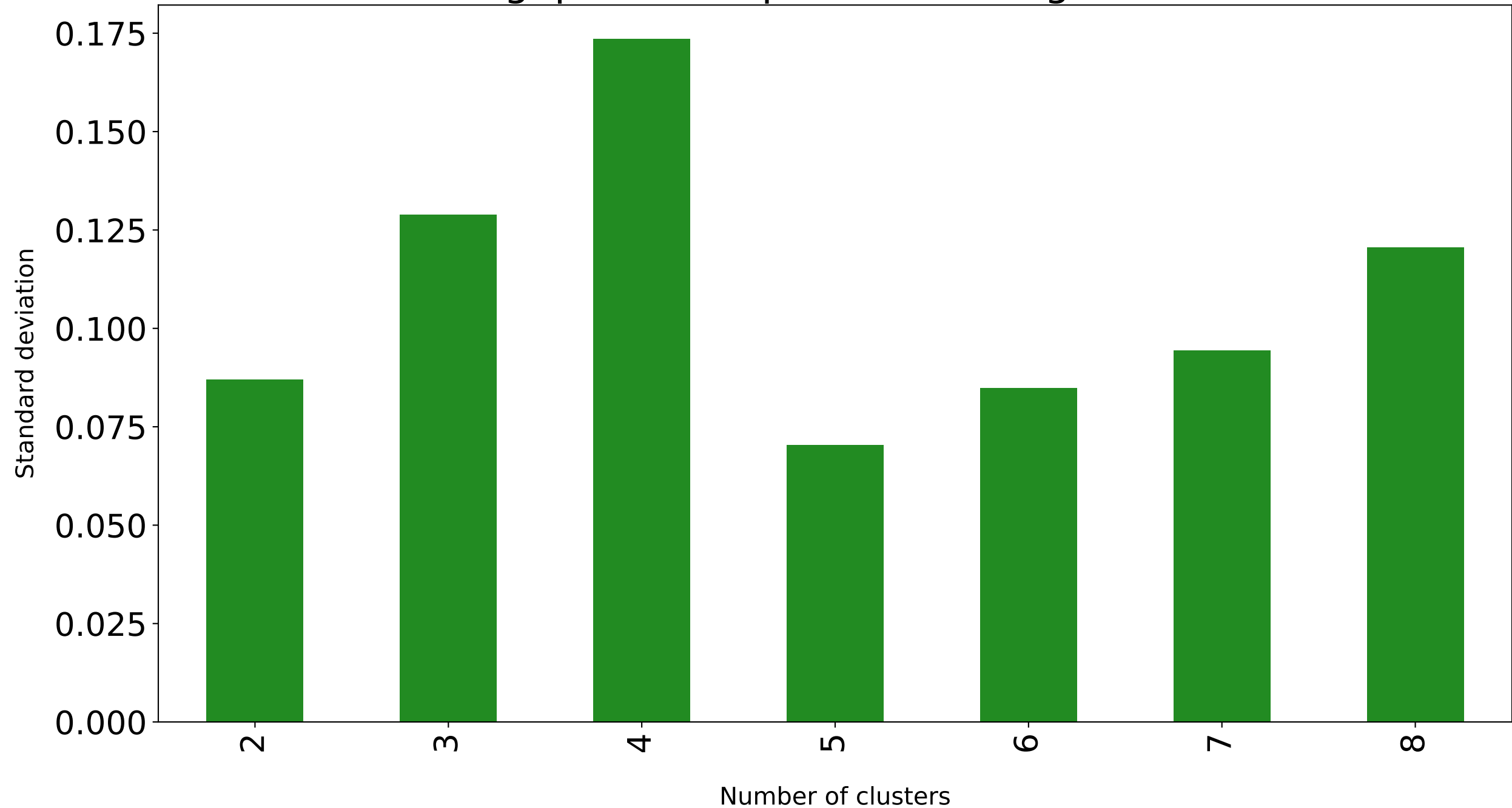
Average values of eleven external indices
gap: -0.20, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.976	0.949	0.967	0.944	0.957	0.027	0.953	0.949	0.967	0.137	0.93	3.0
0.96	0.896	0.924	0.875	0.929	0.042	0.92	0.899	0.923	0.215	1.042	4.0
0.991	0.971	0.977	0.959	0.975	0.014	0.981	0.972	0.977	0.081	1.1	5.0
0.978	0.918	0.932	0.879	0.915	0.04	0.956	0.919	0.931	0.223	2.902	6.0
0.969	0.872	0.891	0.811	0.837	0.062	0.937	0.874	0.89	0.329	3.829	7.0
0.968	0.852	0.873	0.784	0.814	0.06	0.936	0.855	0.87	0.321	3.186	8.0

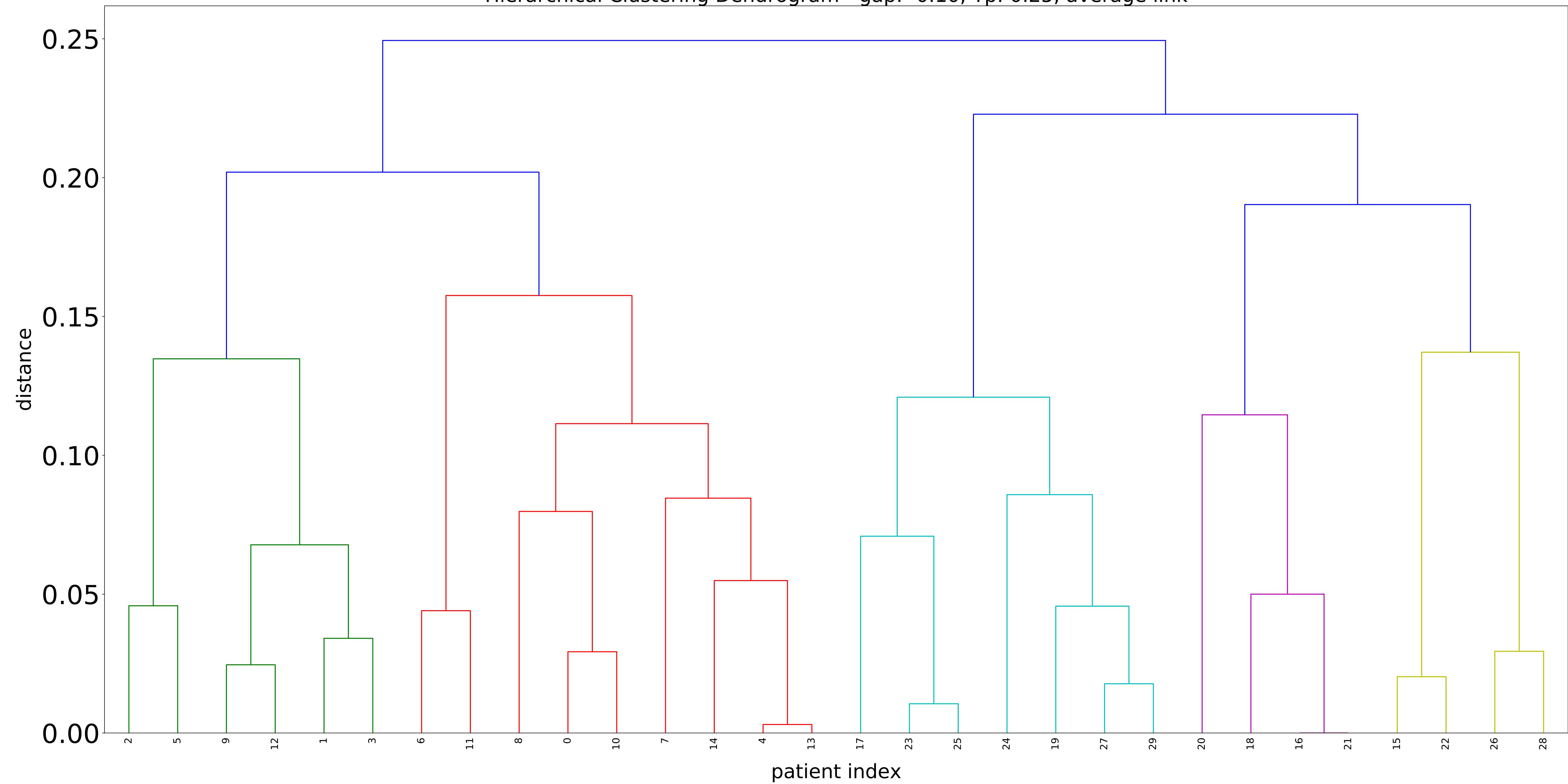
Average values of six internal indices
gap: -0.20, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: -0.20, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: -0.10, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

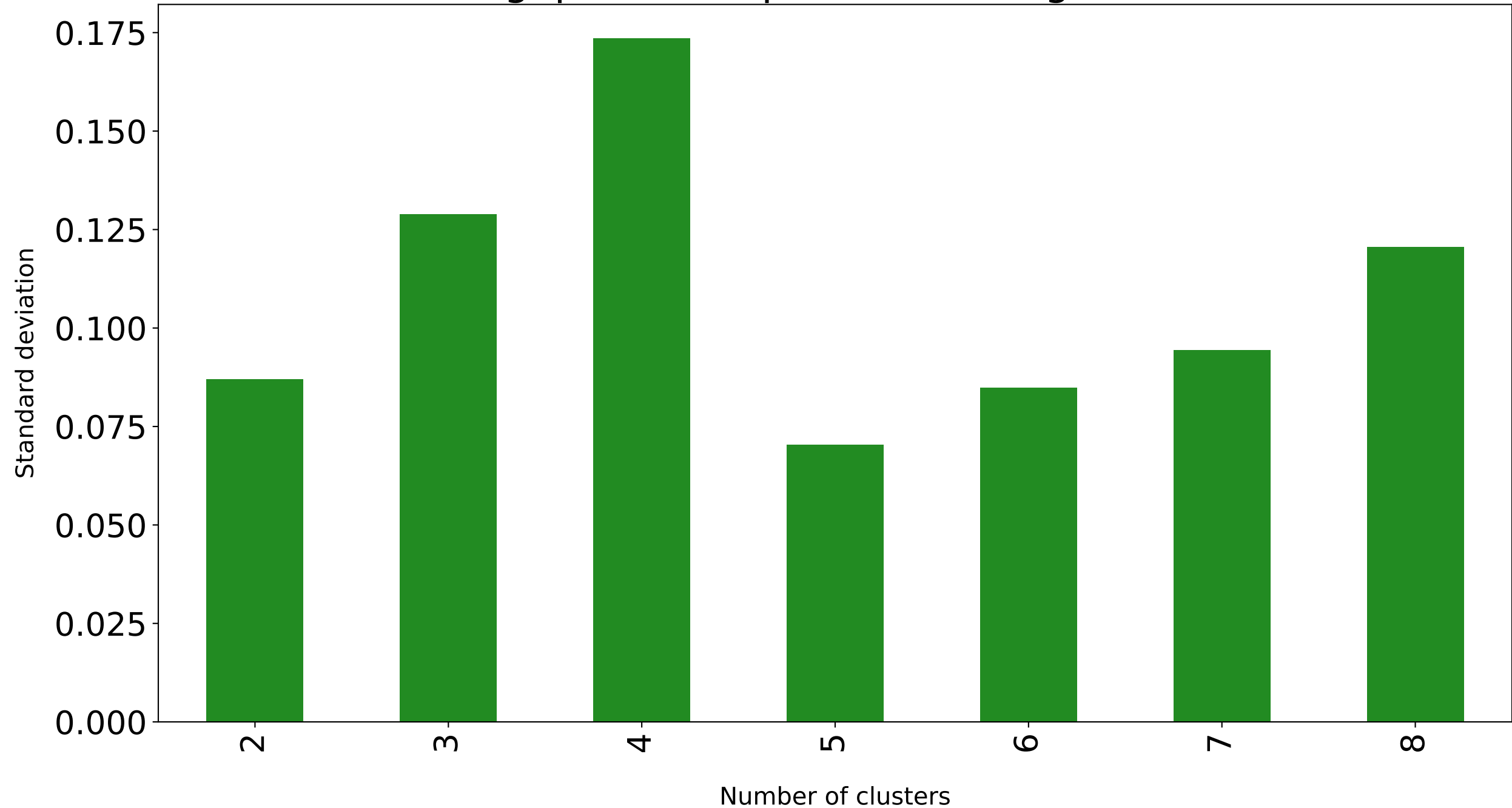
Average values of eleven external indices
gap: -0.10, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.984	0.965	0.978	0.961	0.975	0.019	0.967	0.965	0.978	0.099	0.713	3.0
0.962	0.902	0.929	0.883	0.934	0.04	0.924	0.905	0.927	0.205	1.008	4.0
0.99	0.968	0.974	0.954	0.973	0.016	0.98	0.968	0.974	0.093	1.285	5.0
0.978	0.918	0.932	0.878	0.915	0.04	0.956	0.919	0.931	0.228	3.195	6.0
0.969	0.873	0.892	0.812	0.842	0.063	0.938	0.875	0.891	0.336	4.421	7.0
0.967	0.85	0.872	0.782	0.811	0.061	0.935	0.854	0.869	0.325	3.499	8.0

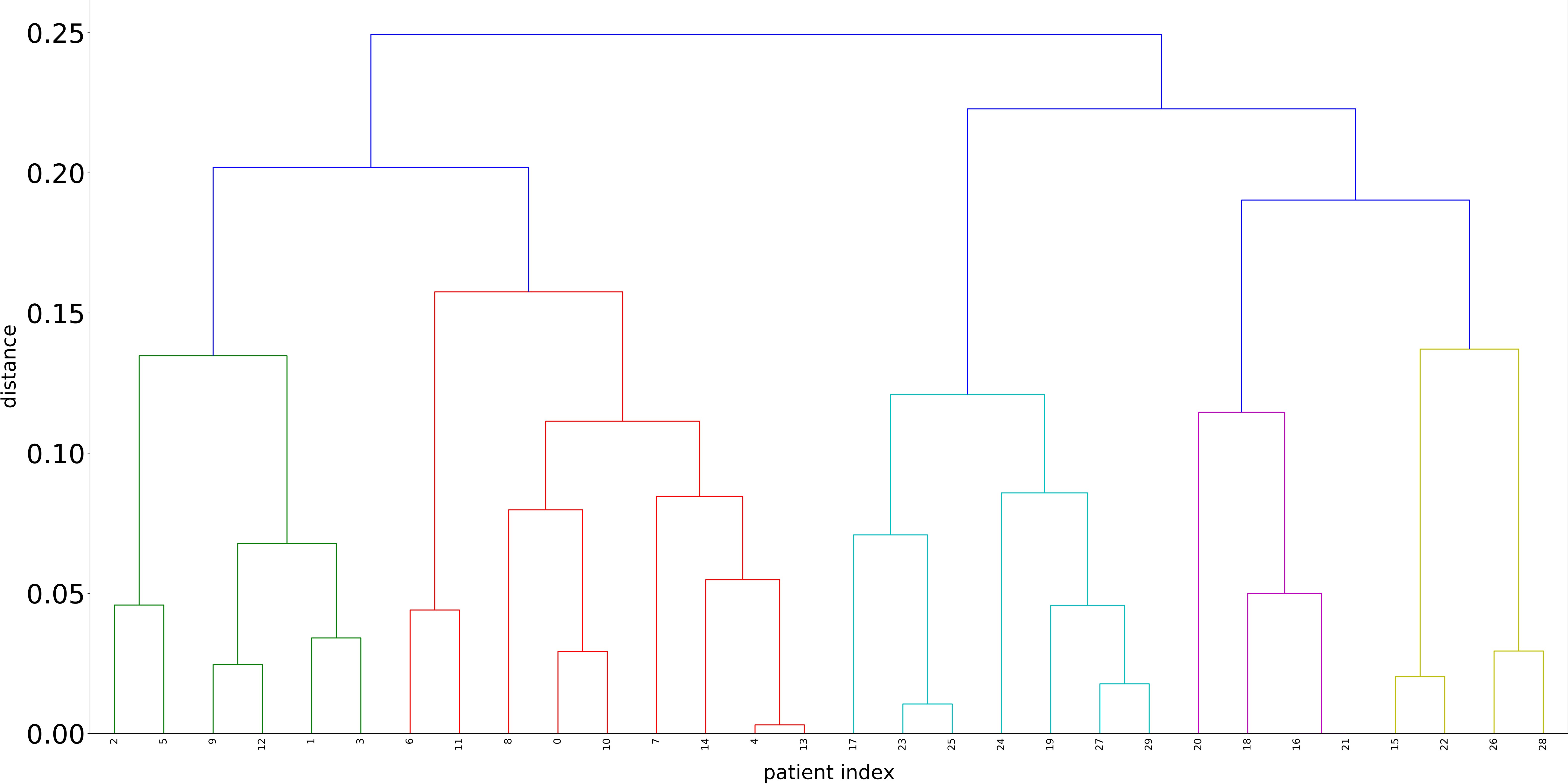
Average values of six internal indices
gap: -0.10, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: -0.10, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: 0.00, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

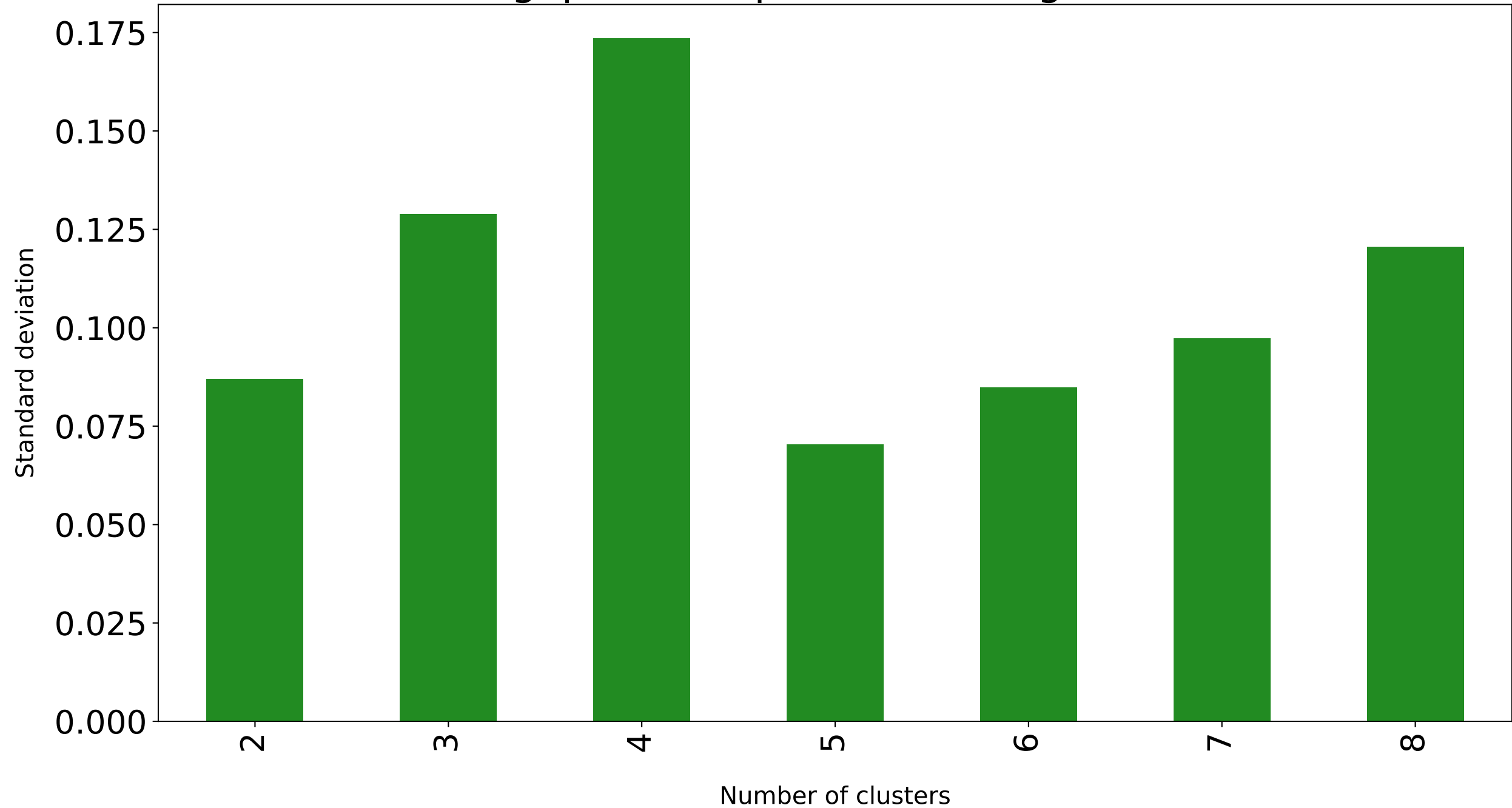
Average values of eleven external indices
gap: 0.00, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.977	0.95	0.969	0.945	0.961	0.026	0.954	0.951	0.968	0.138	1.024	3.0
0.961	0.898	0.925	0.877	0.928	0.042	0.922	0.9	0.924	0.217	1.089	4.0
0.992	0.974	0.979	0.963	0.977	0.014	0.983	0.974	0.979	0.075	1.022	5.0
0.977	0.915	0.929	0.874	0.913	0.042	0.954	0.915	0.928	0.228	2.707	6.0
0.969	0.872	0.891	0.812	0.84	0.063	0.937	0.874	0.89	0.327	3.537	7.0
0.966	0.843	0.865	0.772	0.8	0.063	0.932	0.847	0.862	0.328	3.241	8.0

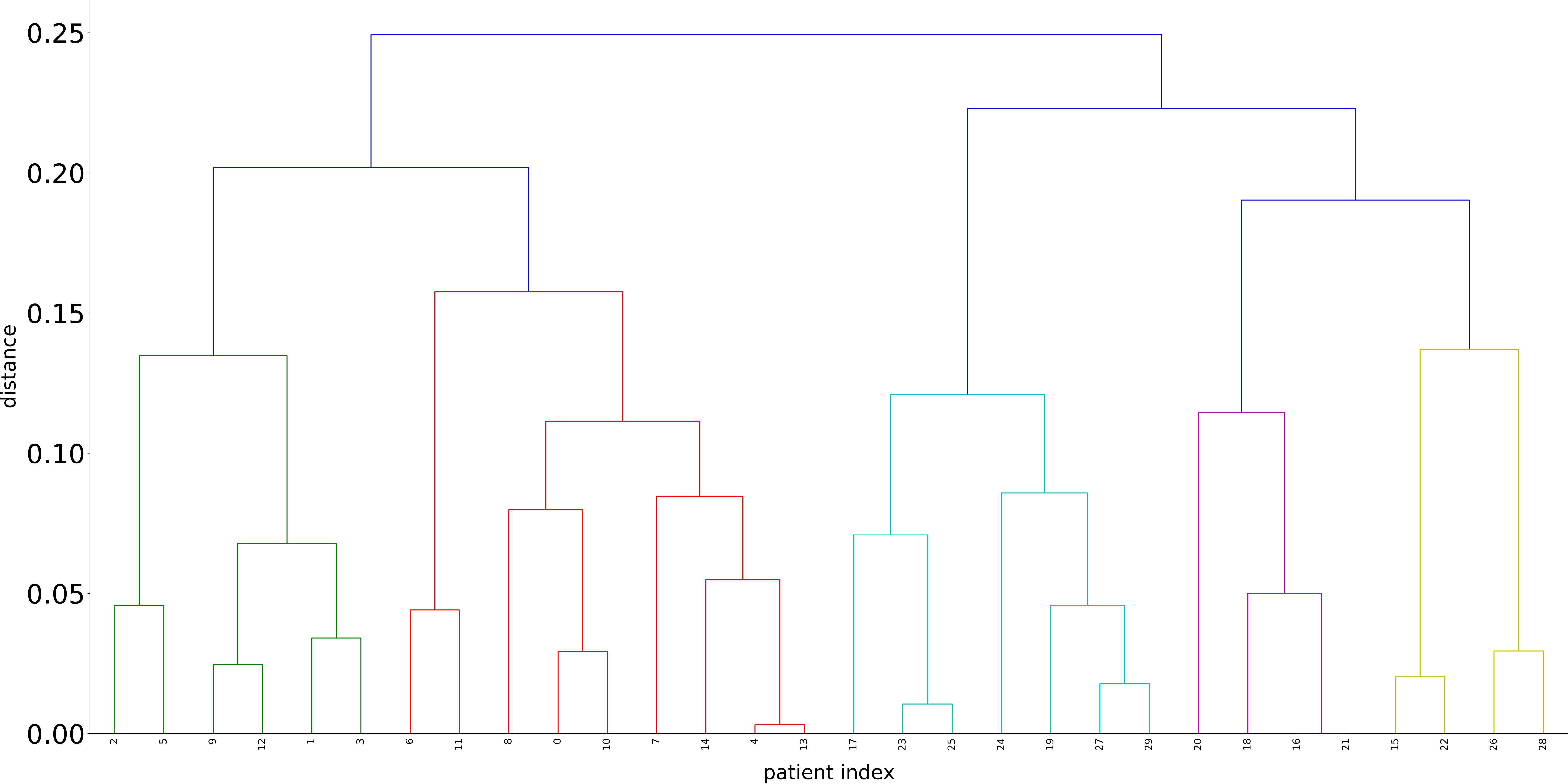
Average values of six internal indices
gap: 0.00, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: 0.00, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: 0.10, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

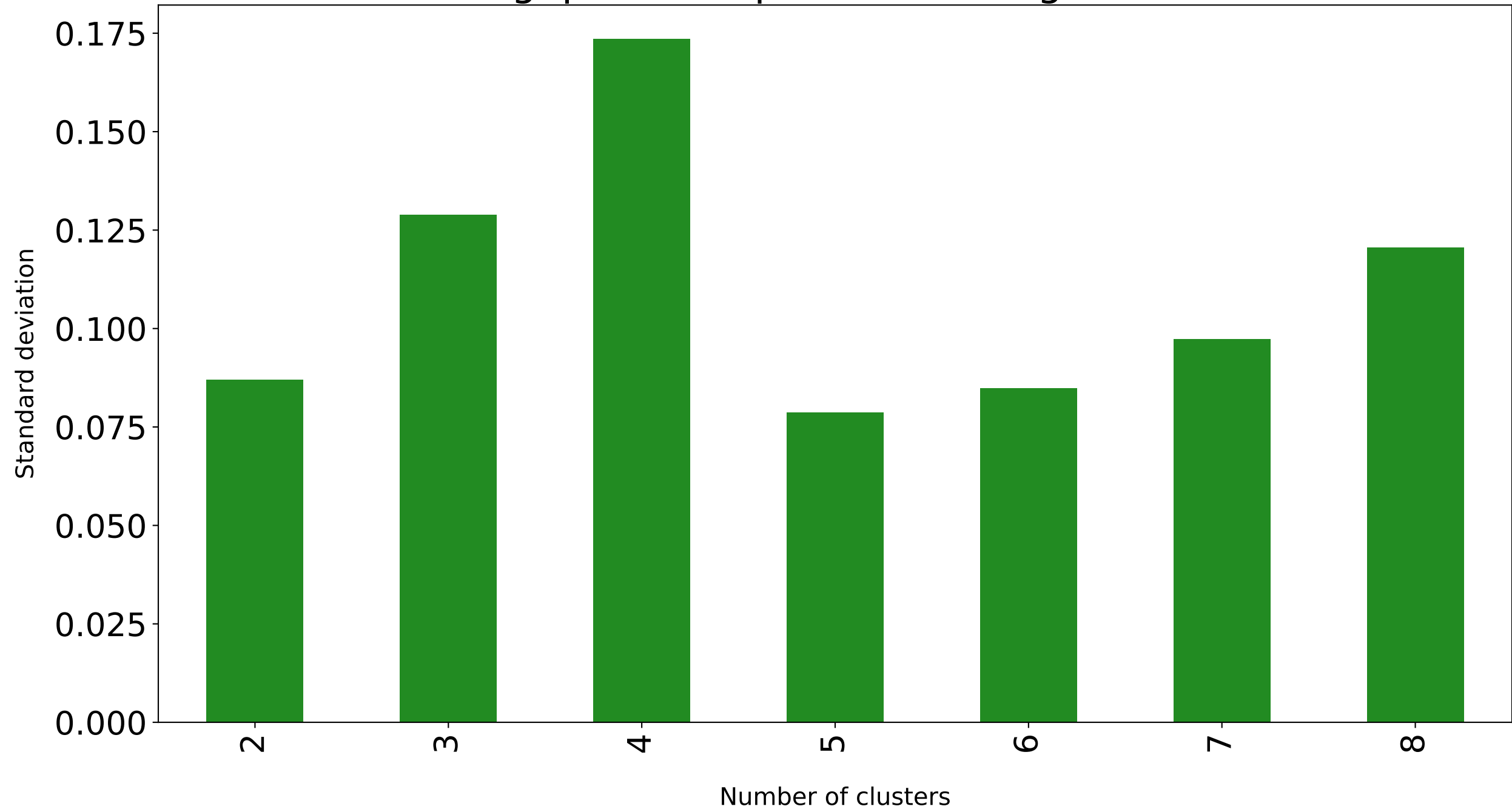
Average values of eleven external indices
gap: 0.10, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.978	0.952	0.97	0.947	0.964	0.026	0.956	0.953	0.97	0.137	1.04	3.0
0.959	0.893	0.922	0.872	0.928	0.044	0.918	0.896	0.92	0.228	1.112	4.0
0.989	0.967	0.974	0.954	0.973	0.016	0.979	0.967	0.973	0.089	1.074	5.0
0.979	0.922	0.934	0.884	0.917	0.038	0.958	0.922	0.934	0.213	2.796	6.0
0.969	0.871	0.891	0.81	0.836	0.063	0.937	0.873	0.889	0.33	3.85	7.0
0.969	0.856	0.876	0.79	0.817	0.058	0.938	0.859	0.873	0.306	3.058	8.0

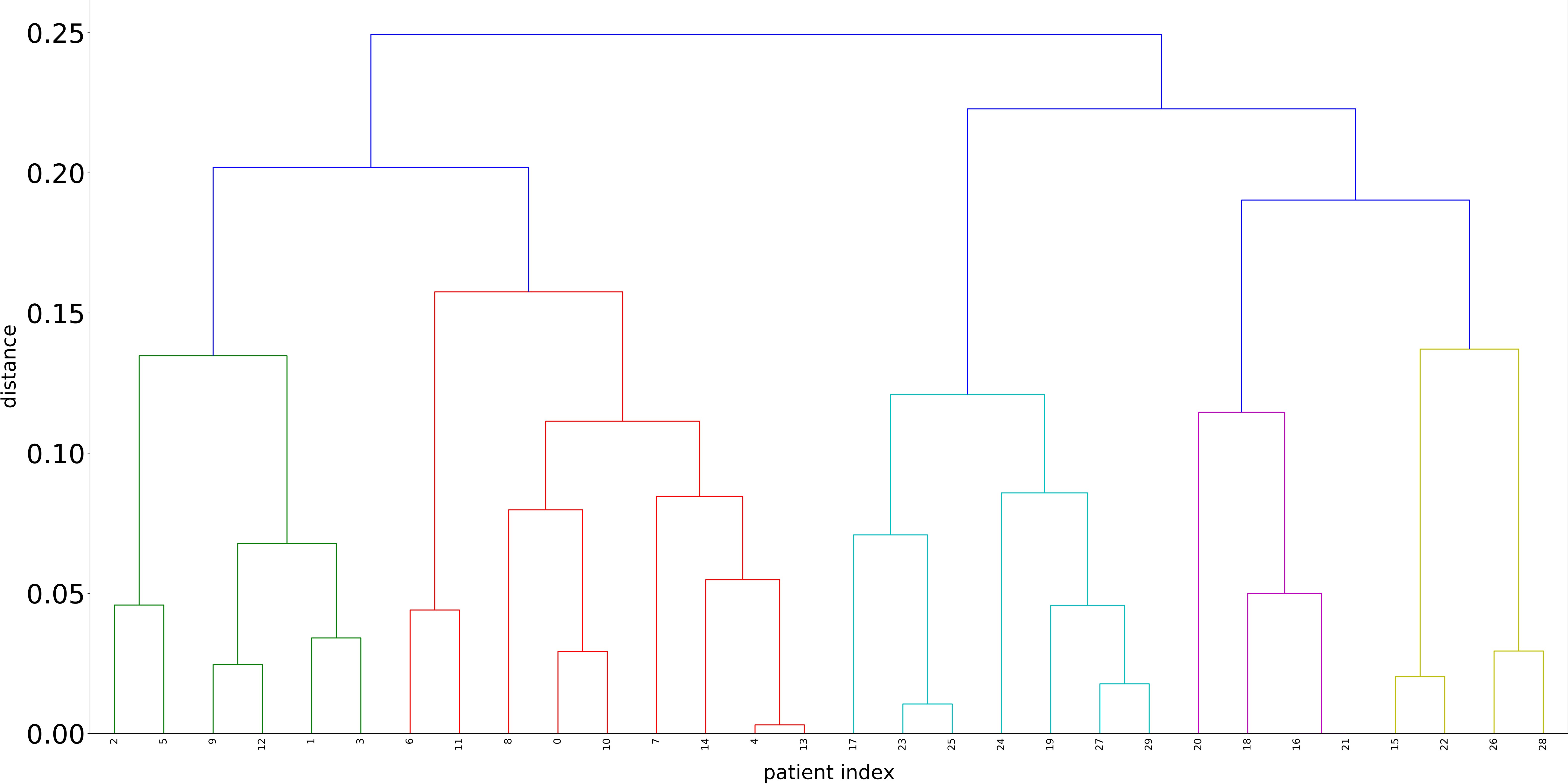
Average values of six internal indices
gap: 0.10, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: 0.10, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: 0.20, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

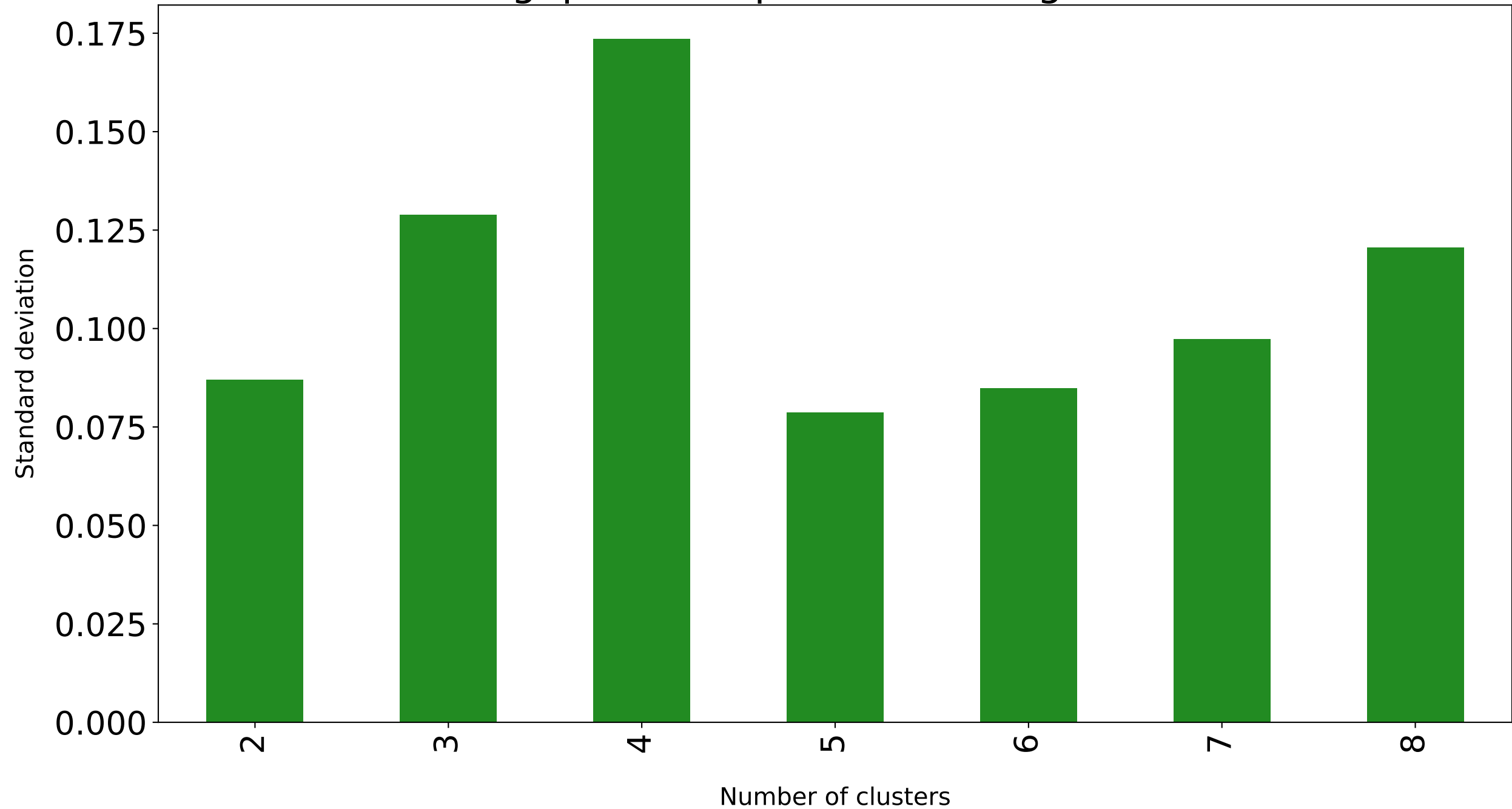
Average values of eleven external indices
gap: 0.20, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.982	0.961	0.976	0.957	0.972	0.021	0.964	0.962	0.976	0.114	0.949	3.0
0.96	0.898	0.925	0.876	0.933	0.041	0.921	0.9	0.924	0.218	1.154	4.0
0.99	0.968	0.975	0.955	0.975	0.016	0.98	0.968	0.974	0.091	1.22	5.0
0.977	0.916	0.93	0.876	0.913	0.043	0.955	0.917	0.93	0.234	3.017	6.0
0.968	0.869	0.889	0.807	0.831	0.064	0.936	0.871	0.888	0.34	3.878	7.0
0.968	0.855	0.876	0.787	0.812	0.06	0.937	0.859	0.873	0.316	3.227	8.0

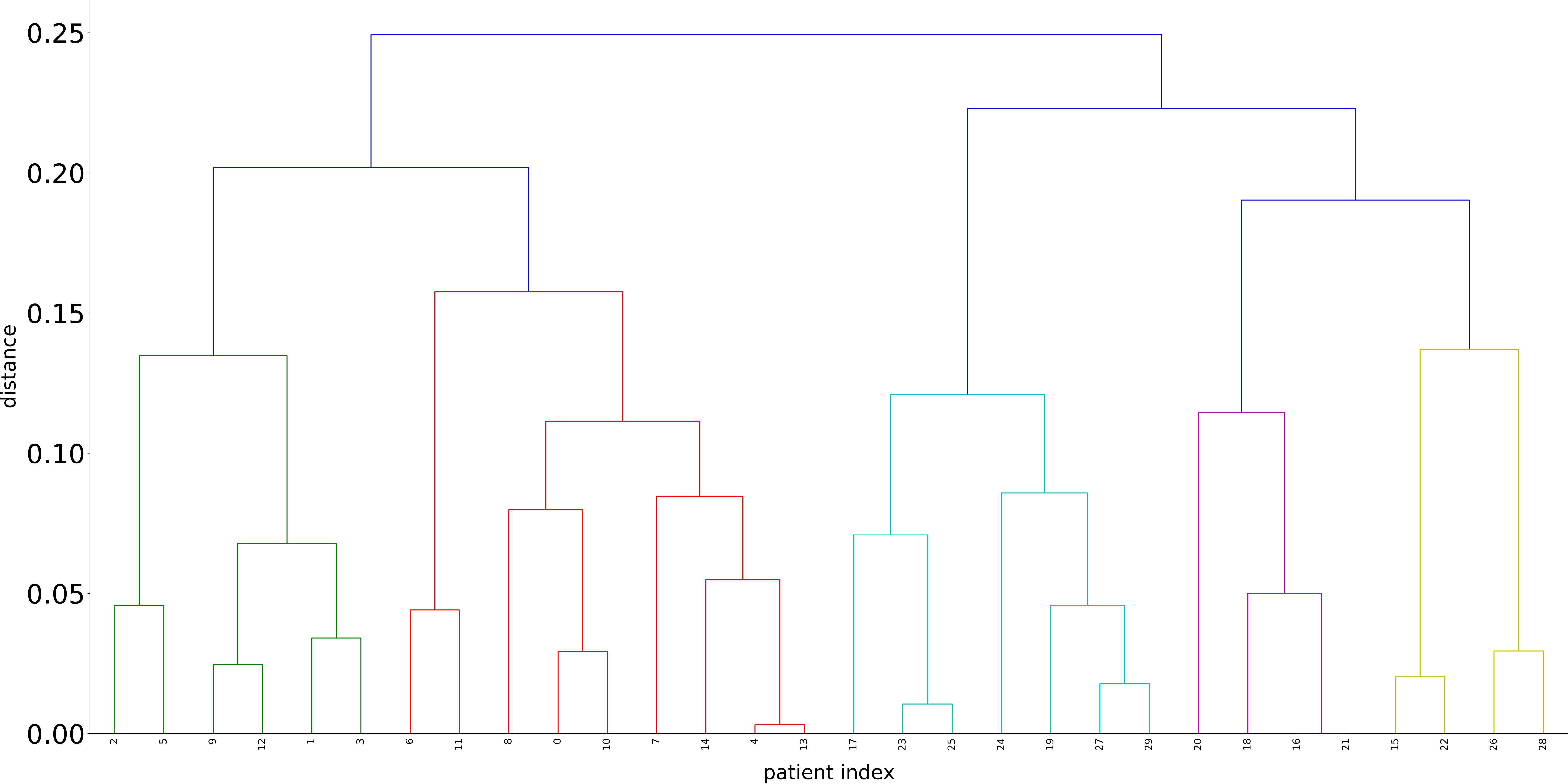
Average values of six internal indices
gap: 0.20, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: 0.20, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: 0.30, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

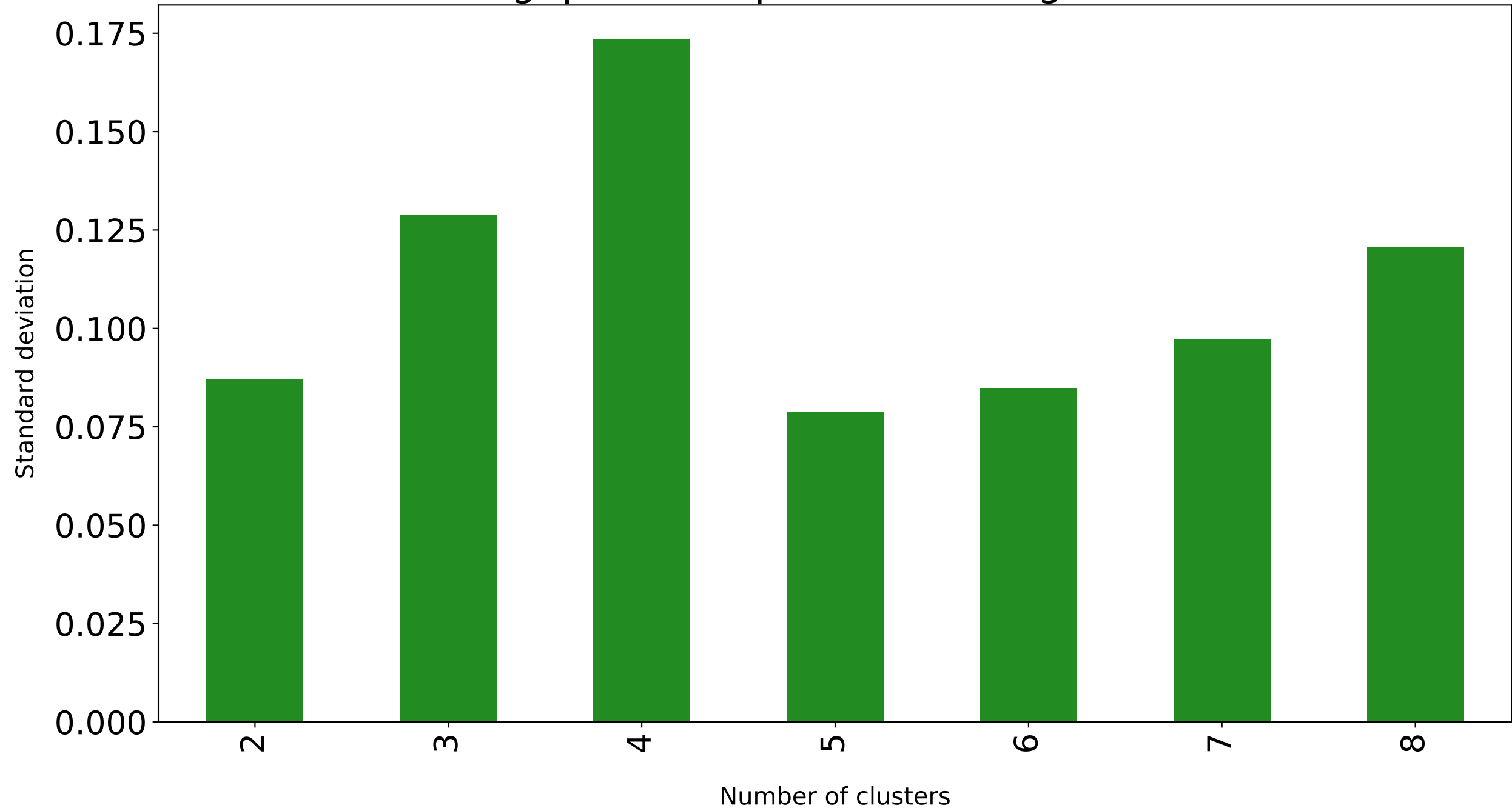
Average values of eleven external indices
gap: 0.30, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.98	0.958	0.973	0.954	0.966	0.023	0.961	0.958	0.973	0.117	0.812	3.0
0.962	0.901	0.928	0.881	0.931	0.042	0.924	0.903	0.926	0.207	0.989	4.0
0.992	0.976	0.981	0.966	0.98	0.012	0.985	0.976	0.98	0.067	0.857	5.0
0.98	0.924	0.937	0.887	0.922	0.037	0.959	0.925	0.936	0.204	2.837	6.0
0.971	0.883	0.901	0.827	0.853	0.057	0.943	0.885	0.9	0.303	3.792	7.0
0.969	0.86	0.879	0.795	0.822	0.057	0.939	0.863	0.877	0.302	3.25	8.0

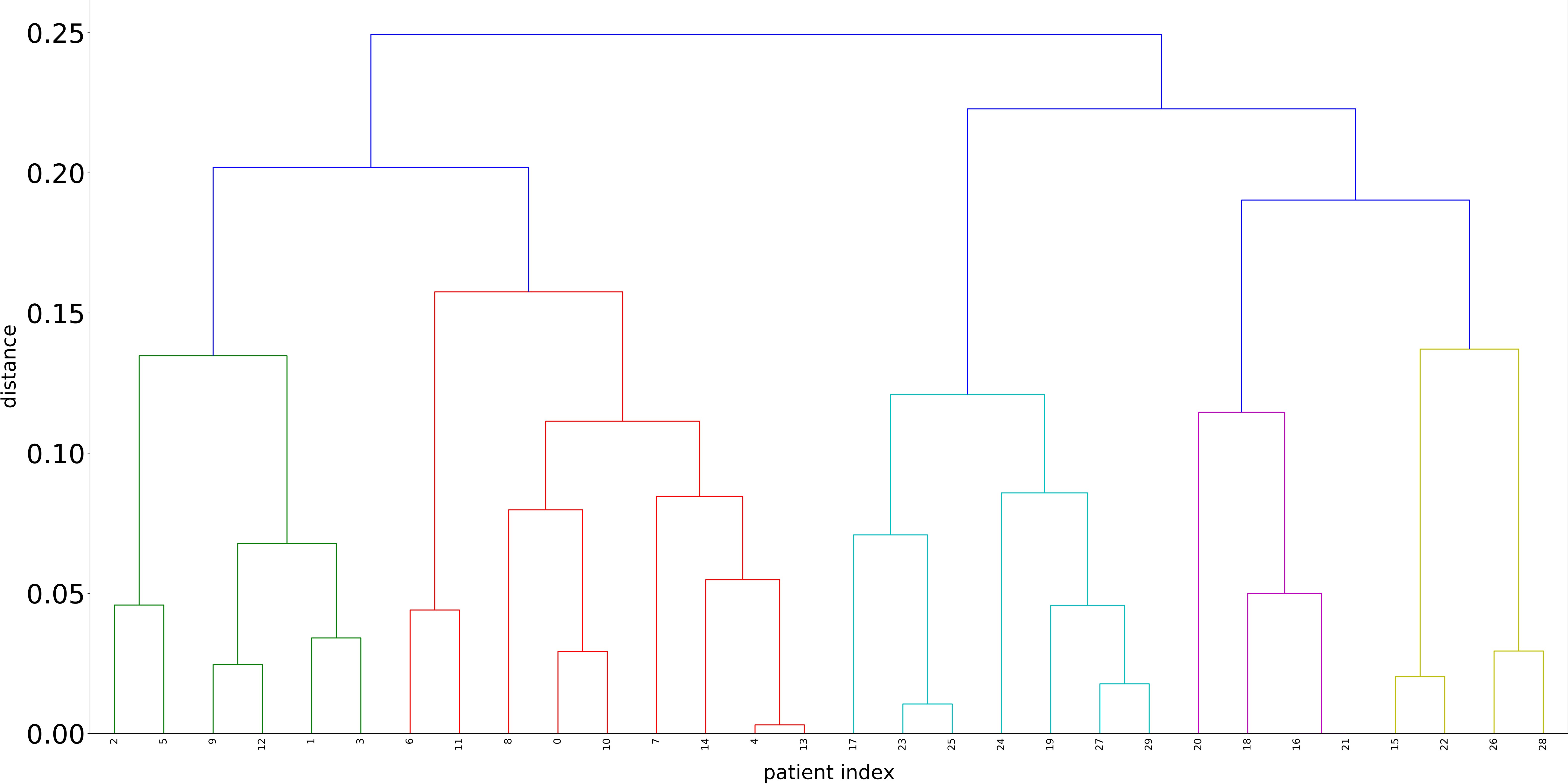
Average values of six internal indices
gap: 0.30, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: 0.30, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: 0.40, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

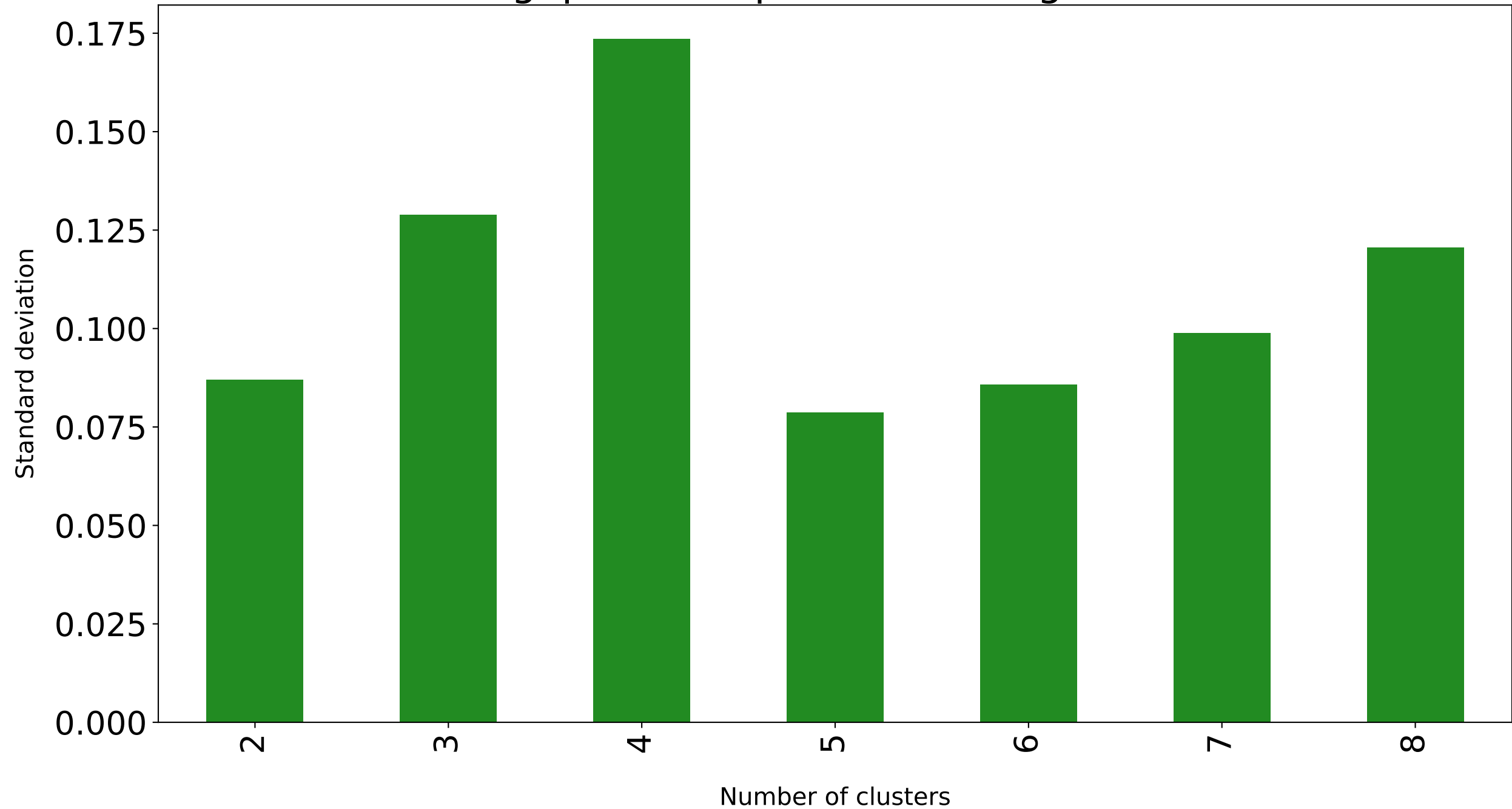
Average values of eleven external indices
gap: 0.40, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.981	0.959	0.975	0.955	0.967	0.023	0.962	0.96	0.974	0.12	0.947	3.0
0.963	0.903	0.929	0.883	0.933	0.04	0.926	0.906	0.928	0.202	1.001	4.0
0.99	0.969	0.975	0.956	0.975	0.015	0.98	0.969	0.975	0.087	1.23	5.0
0.979	0.922	0.935	0.885	0.922	0.039	0.958	0.923	0.935	0.212	2.593	6.0
0.971	0.88	0.898	0.823	0.849	0.058	0.941	0.881	0.897	0.306	3.492	7.0
0.969	0.856	0.876	0.788	0.816	0.059	0.938	0.859	0.873	0.307	2.988	8.0

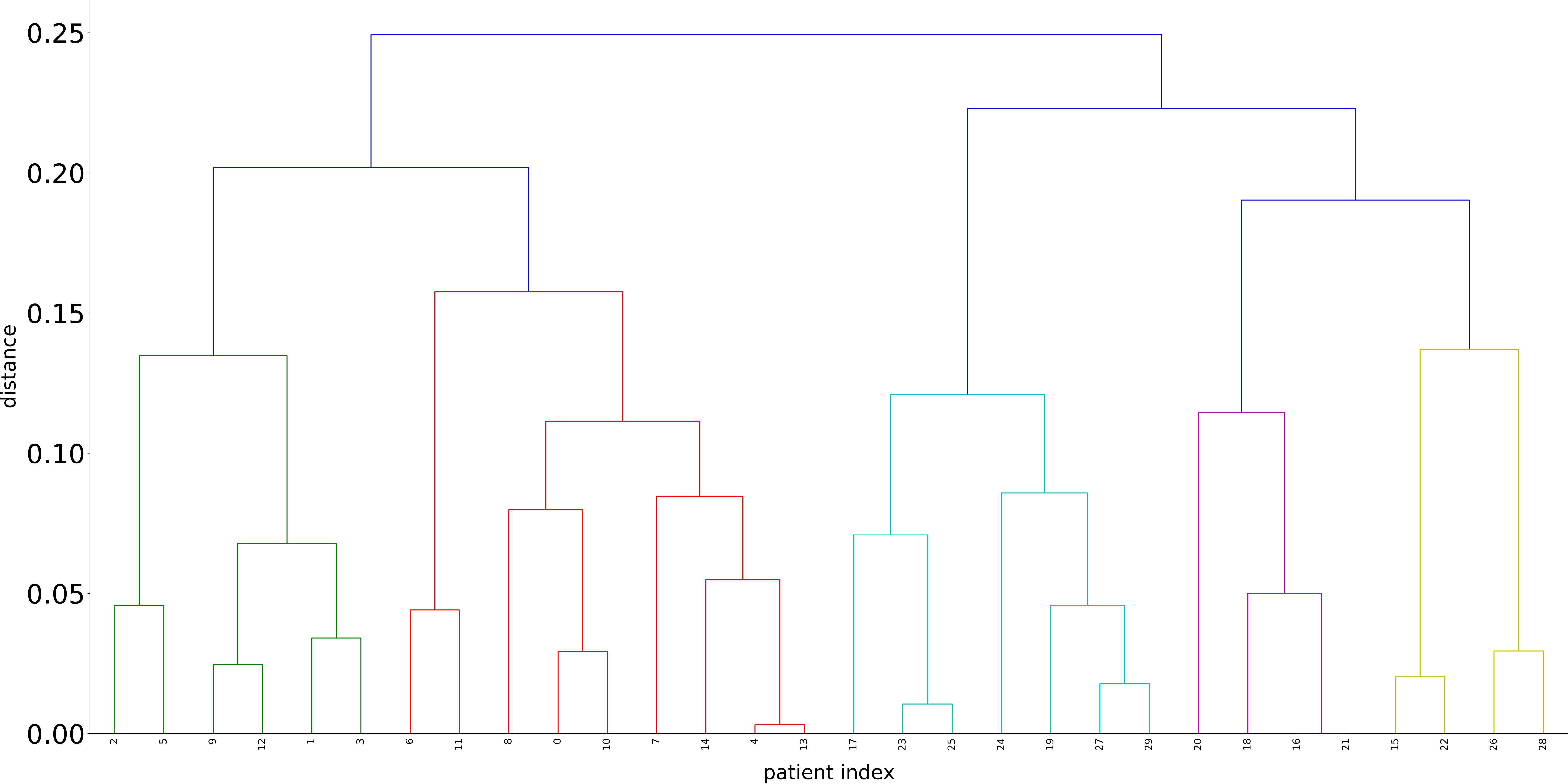
Average values of six internal indices
gap: 0.40, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: 0.40, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: 0.50, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

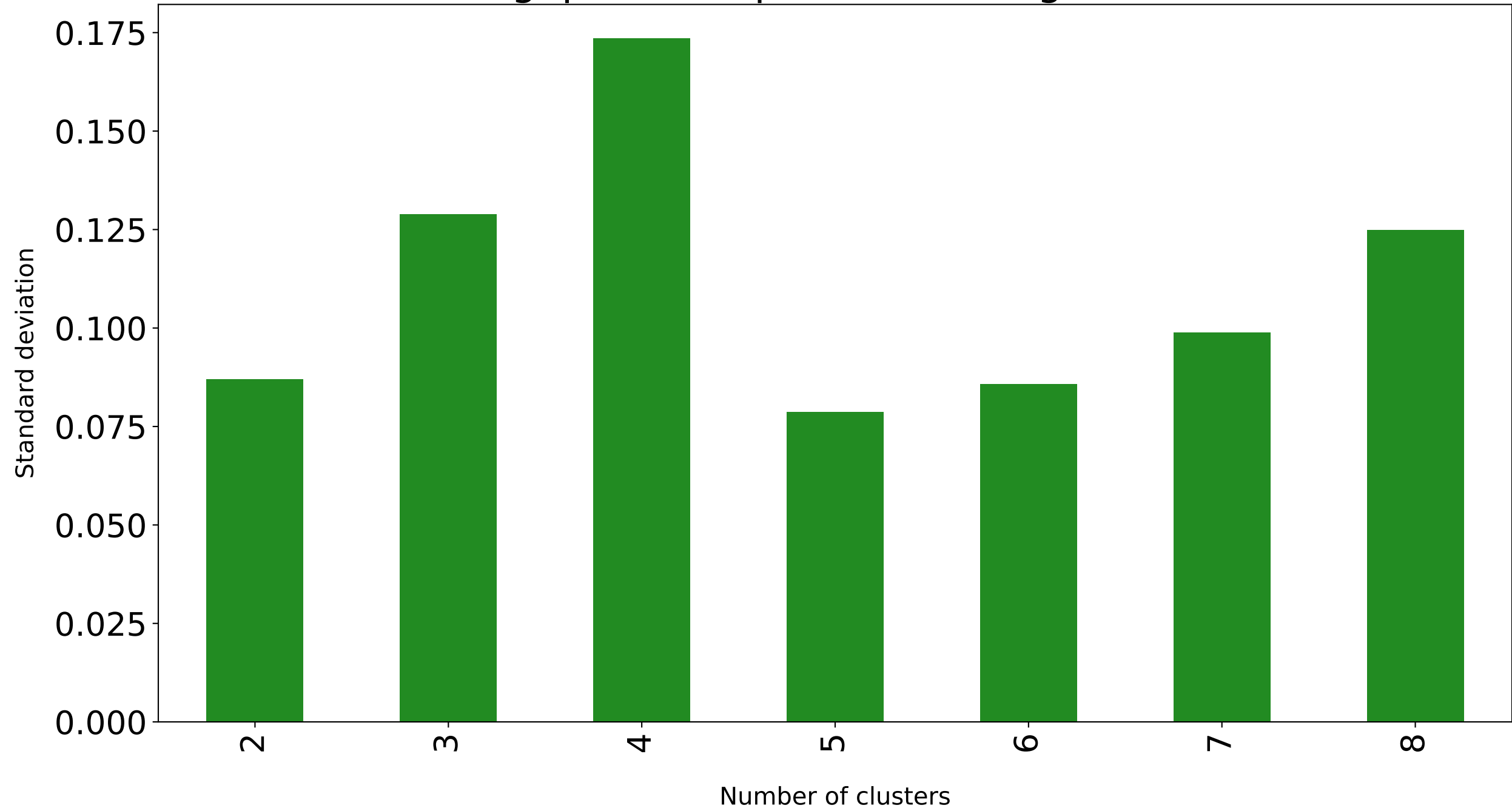
Average values of eleven external indices
gap: 0.50, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.982	0.961	0.975	0.957	0.97	0.02	0.964	0.961	0.975	0.107	0.758	3.0
0.965	0.909	0.934	0.891	0.937	0.037	0.931	0.912	0.932	0.193	0.952	4.0
0.99	0.969	0.975	0.956	0.976	0.017	0.98	0.969	0.975	0.09	1.4	5.0
0.975	0.905	0.921	0.86	0.906	0.047	0.949	0.906	0.92	0.256	2.902	6.0
0.967	0.864	0.885	0.801	0.833	0.066	0.934	0.866	0.883	0.342	3.575	7.0
0.965	0.838	0.861	0.767	0.799	0.066	0.93	0.842	0.858	0.343	3.084	8.0

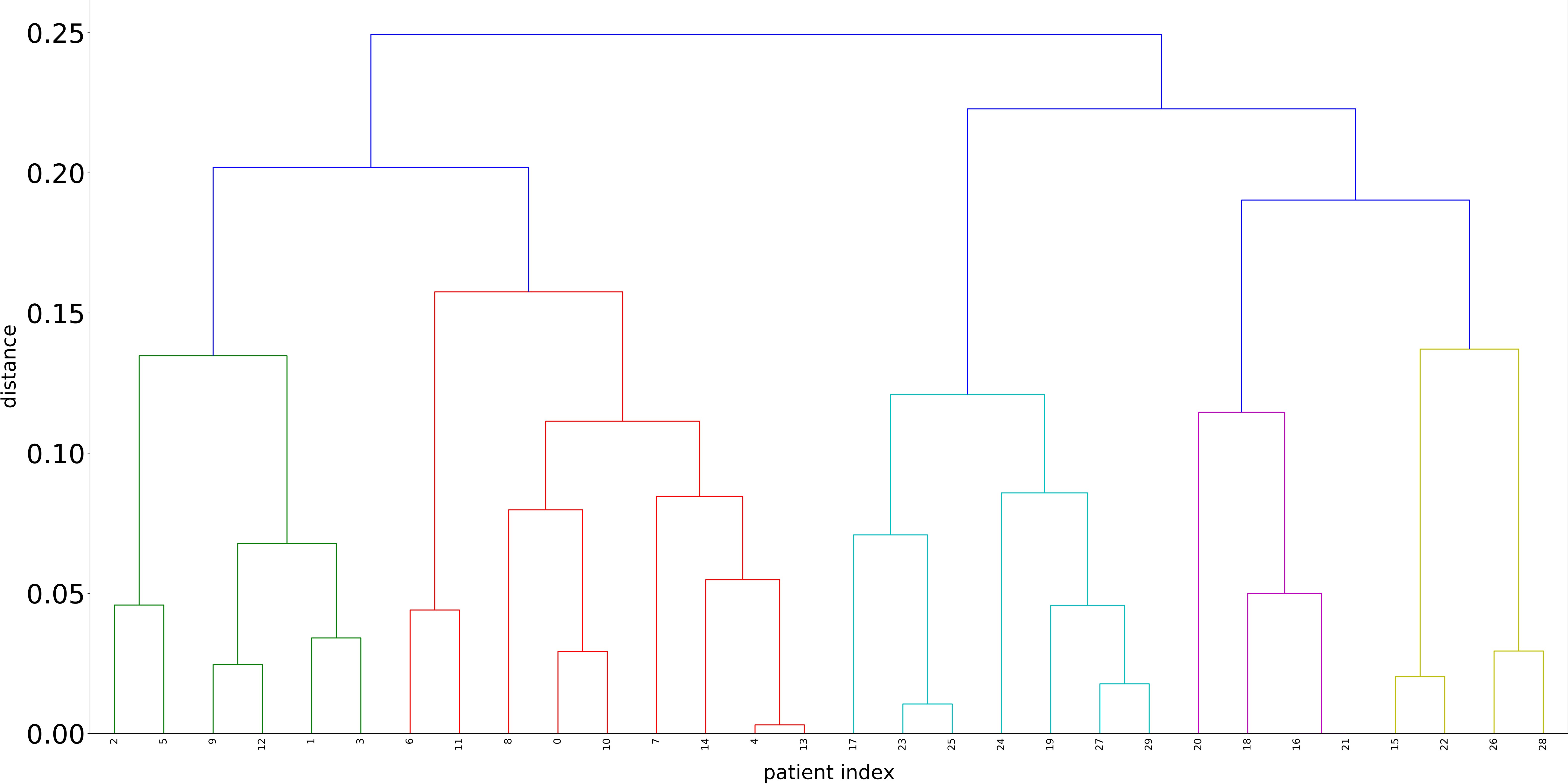
Average values of six internal indices
gap: 0.50, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: 0.50, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: 0.60, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

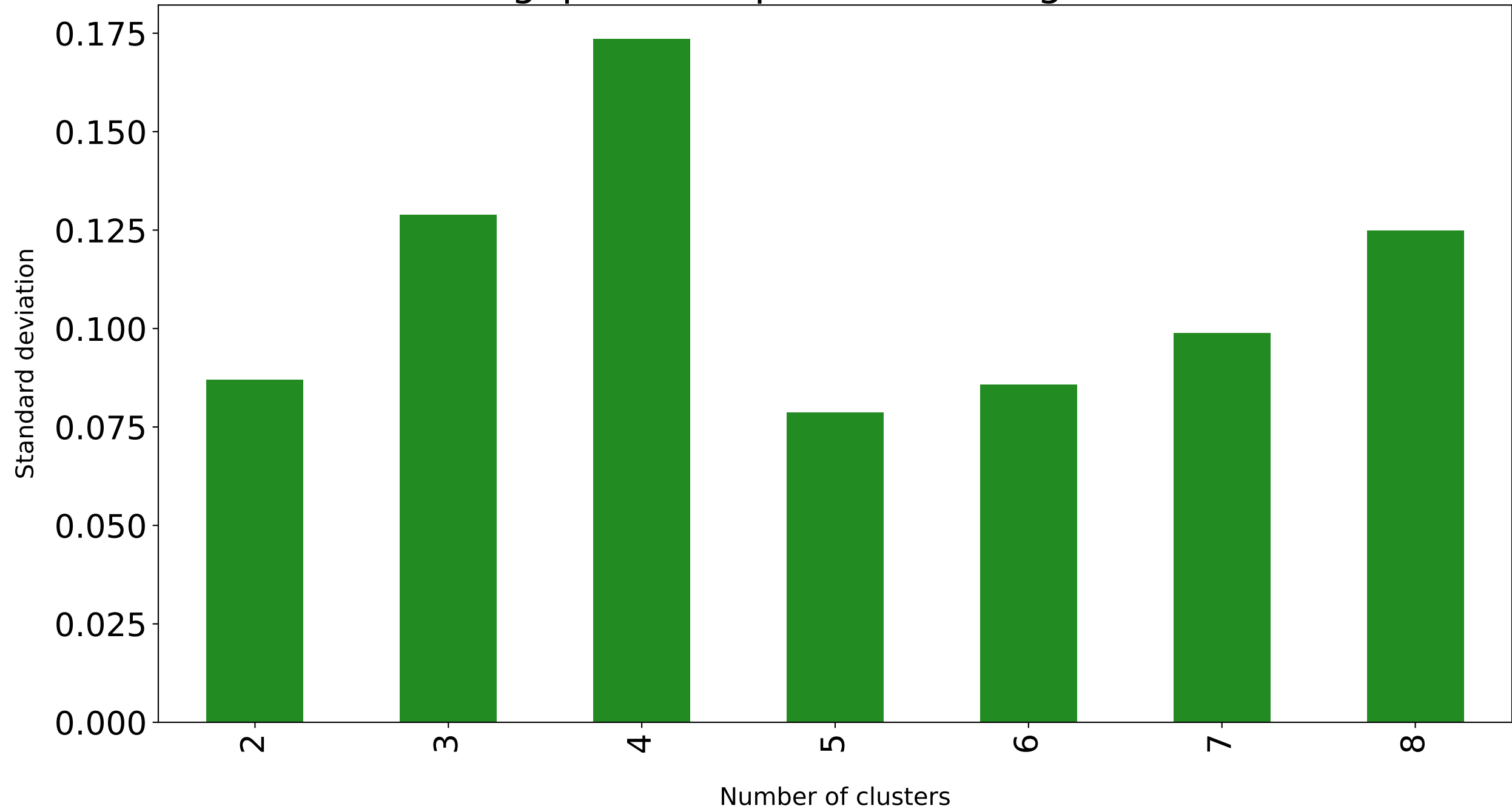
Average values of eleven external indices
gap: 0.60, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.983	0.963	0.977	0.959	0.971	0.021	0.965	0.963	0.977	0.107	0.817	3.0
0.963	0.905	0.931	0.885	0.935	0.04	0.927	0.907	0.929	0.201	1.012	4.0
0.99	0.968	0.975	0.956	0.975	0.016	0.98	0.969	0.974	0.087	1.018	5.0
0.978	0.915	0.929	0.875	0.913	0.04	0.955	0.916	0.929	0.224	2.673	6.0
0.967	0.865	0.886	0.801	0.832	0.064	0.935	0.867	0.884	0.341	3.668	7.0
0.967	0.844	0.865	0.774	0.806	0.063	0.933	0.847	0.863	0.332	3.081	8.0

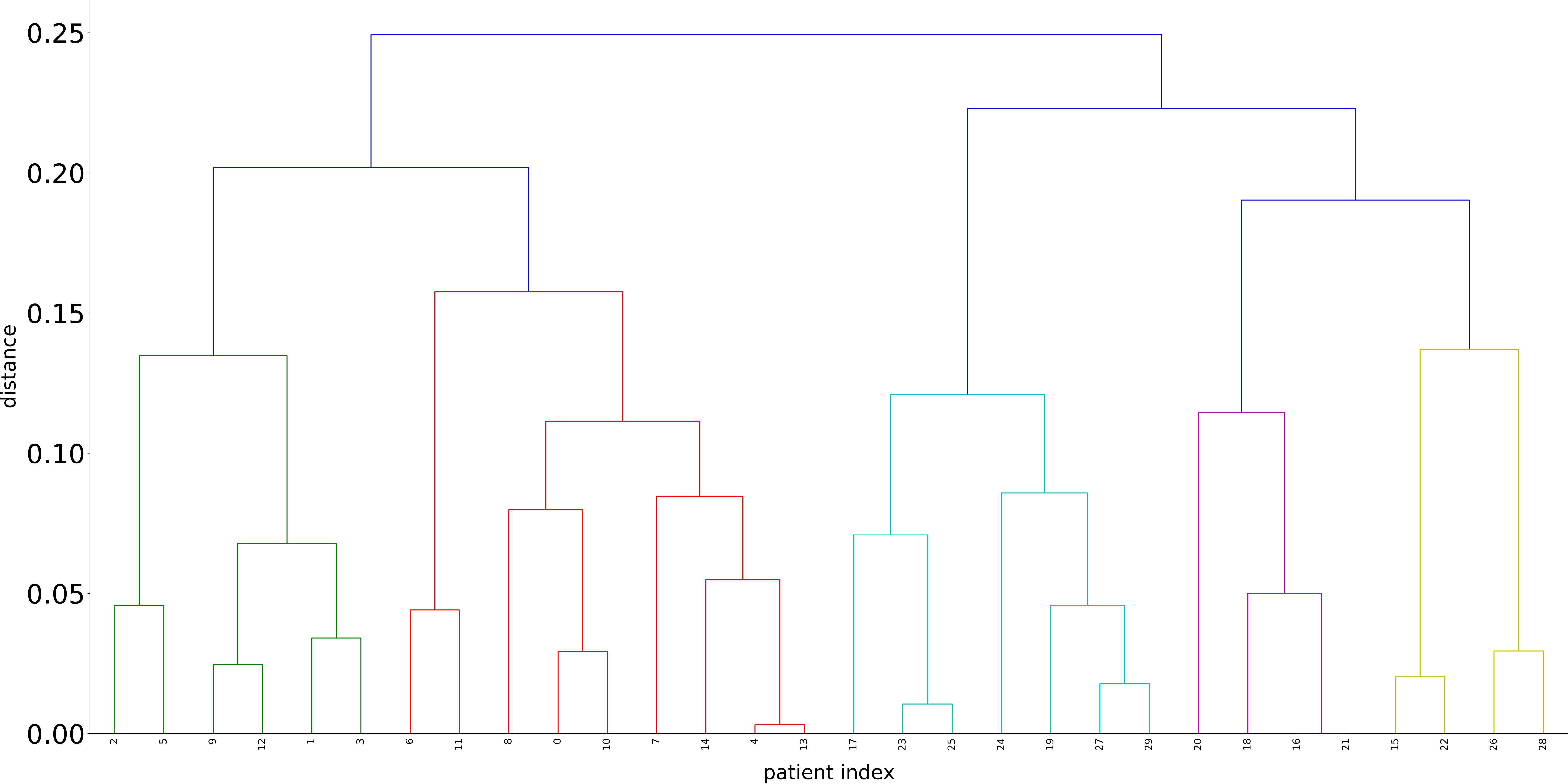
Average values of six internal indices
gap: 0.60, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: 0.60, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: 0.70, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

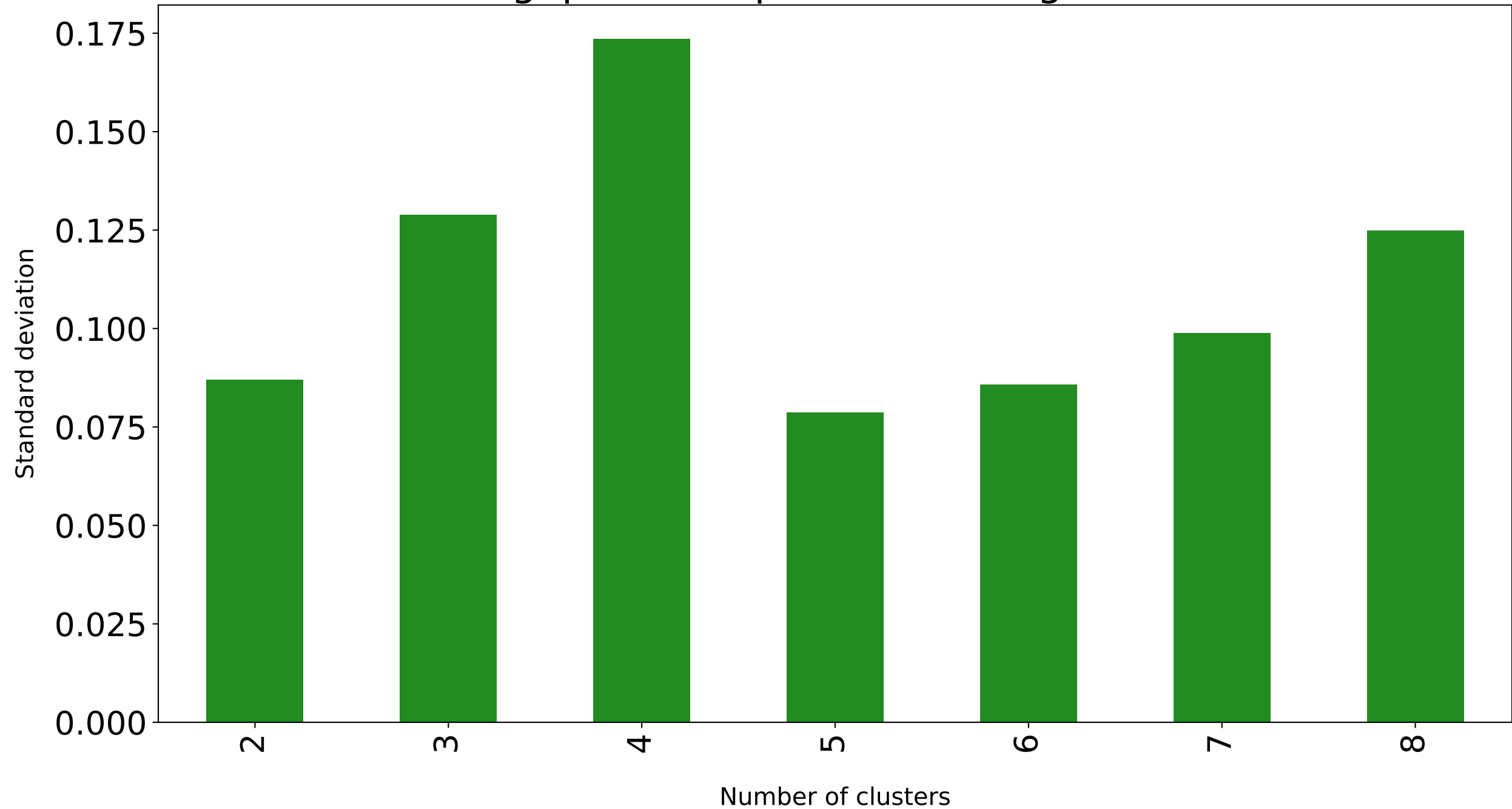
Average values of eleven external indices
gap: 0.70, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.973	0.942	0.963	0.936	0.955	0.03	0.946	0.942	0.963	0.156	1.05	3.0
0.963	0.904	0.929	0.882	0.931	0.041	0.927	0.906	0.928	0.208	1.063	4.0
0.99	0.969	0.976	0.957	0.976	0.016	0.98	0.97	0.975	0.088	1.204	5.0
0.979	0.921	0.934	0.882	0.914	0.04	0.958	0.921	0.933	0.219	2.976	6.0
0.97	0.876	0.895	0.816	0.84	0.061	0.939	0.878	0.893	0.318	3.848	7.0
0.97	0.861	0.881	0.795	0.822	0.058	0.94	0.864	0.878	0.304	3.069	8.0

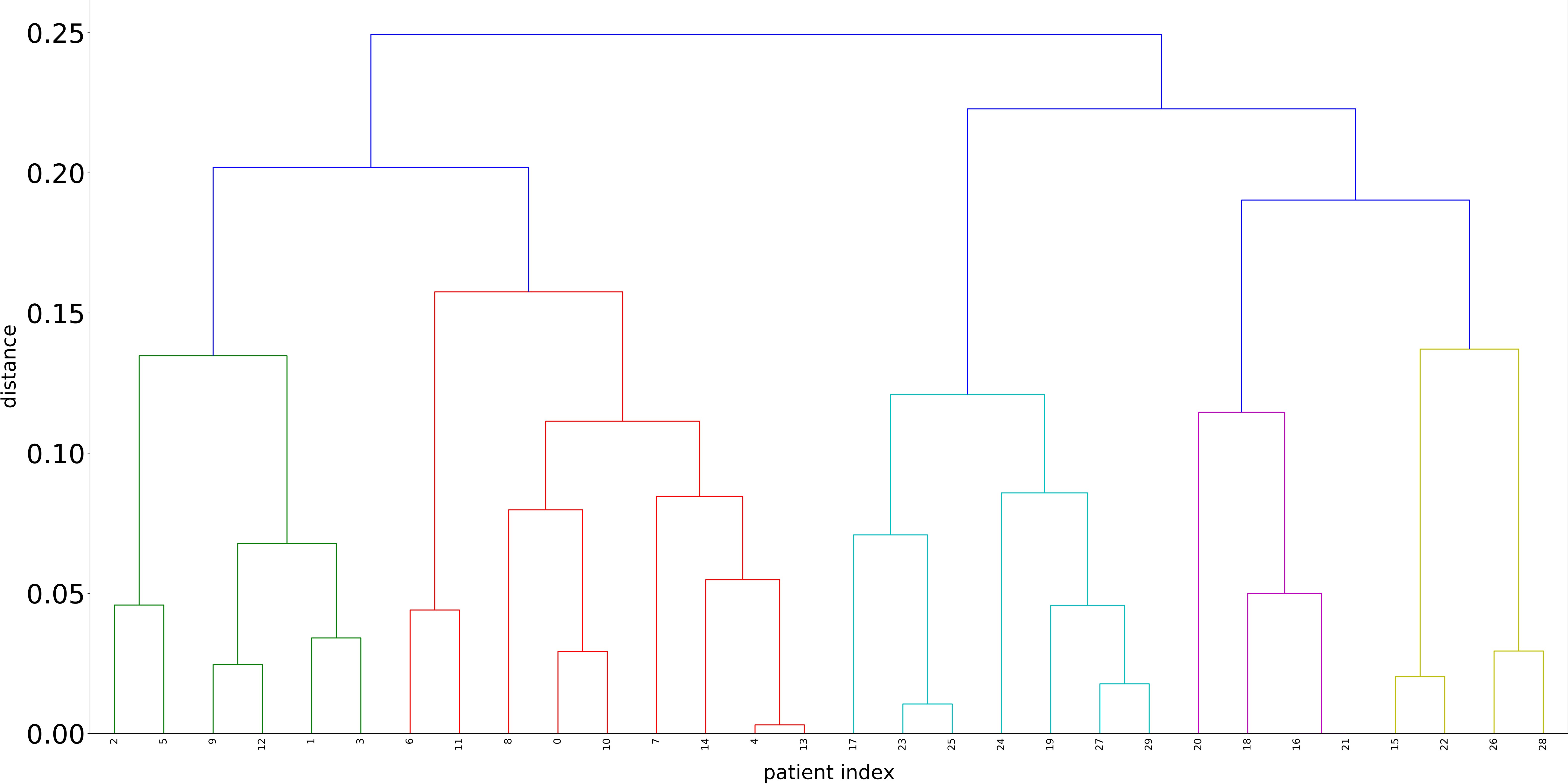
Average values of six internal indices
gap: 0.70, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: 0.70, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: 0.80, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

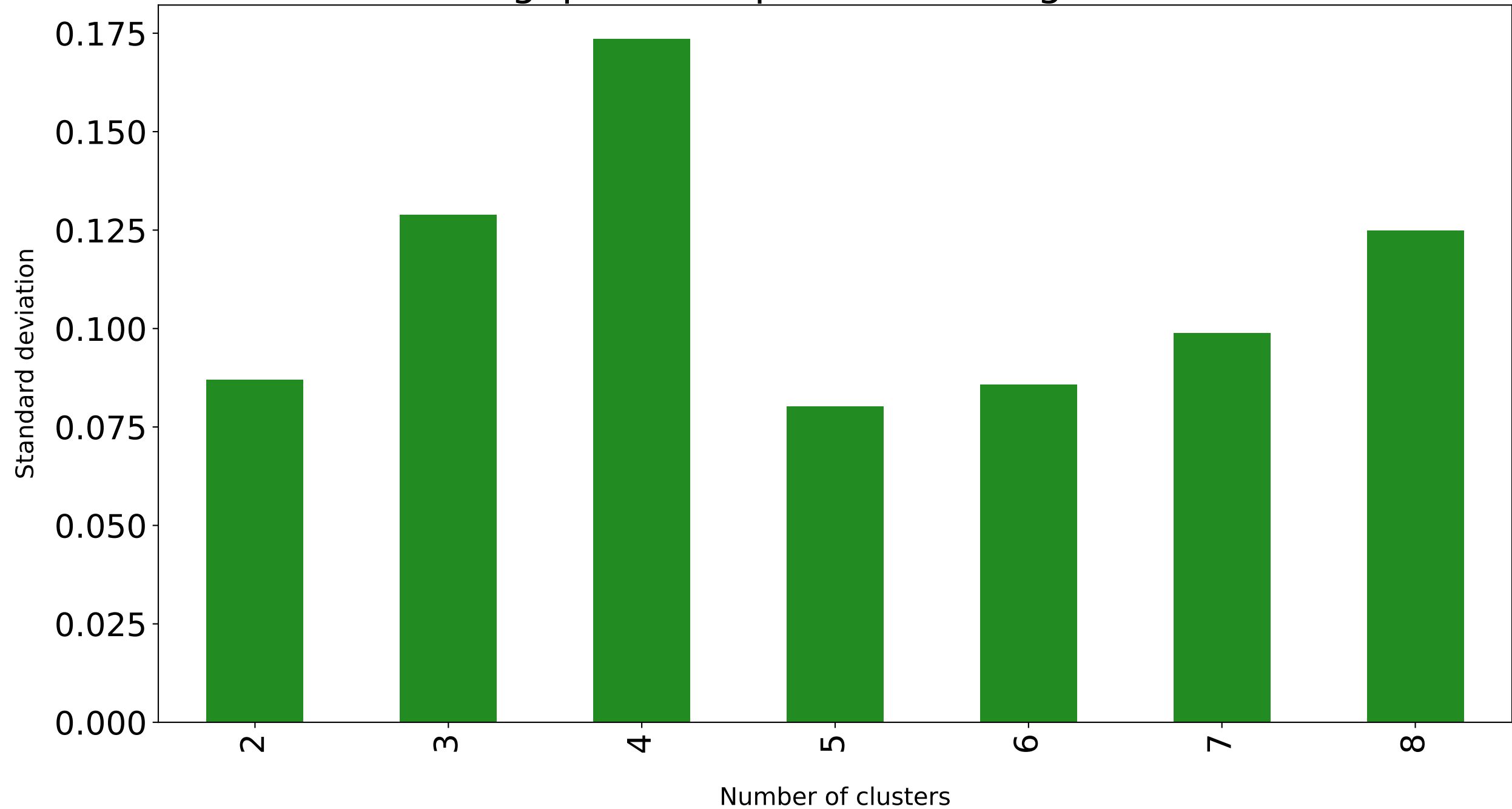
Average values of eleven external indices
gap: 0.80, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.978	0.952	0.97	0.947	0.963	0.026	0.955	0.952	0.969	0.134	0.923	3.0
0.96	0.896	0.924	0.875	0.927	0.044	0.921	0.899	0.923	0.219	1.009	4.0
0.988	0.963	0.97	0.948	0.967	0.018	0.977	0.963	0.97	0.101	1.302	5.0
0.977	0.913	0.928	0.872	0.913	0.043	0.953	0.914	0.927	0.238	2.894	6.0
0.969	0.873	0.892	0.81	0.837	0.062	0.938	0.875	0.891	0.33	4.211	7.0
0.964	0.836	0.859	0.761	0.792	0.067	0.929	0.84	0.856	0.358	3.513	8.0

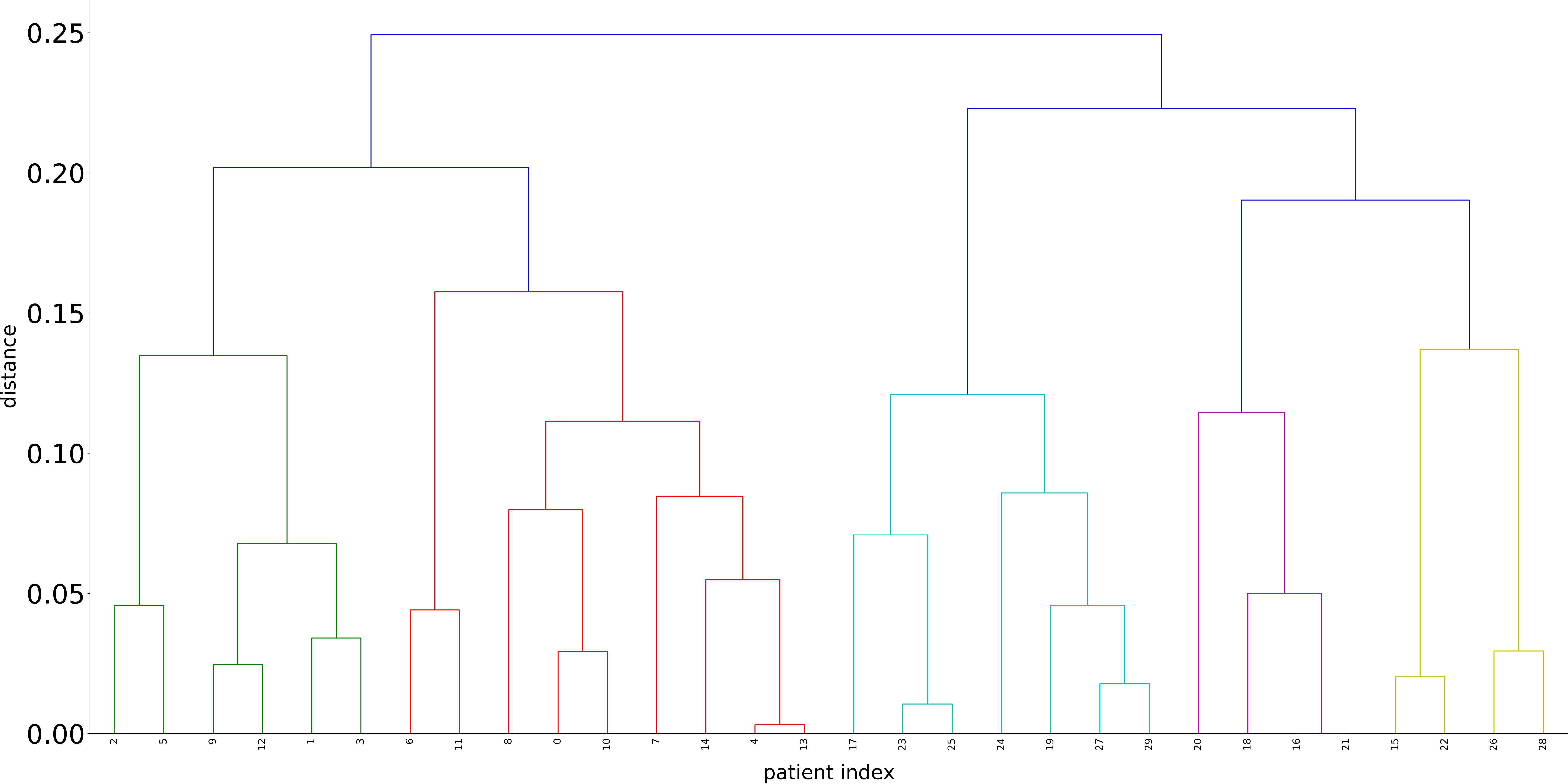
Average values of six internal indices
gap: 0.80, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: 0.80, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: 0.90, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

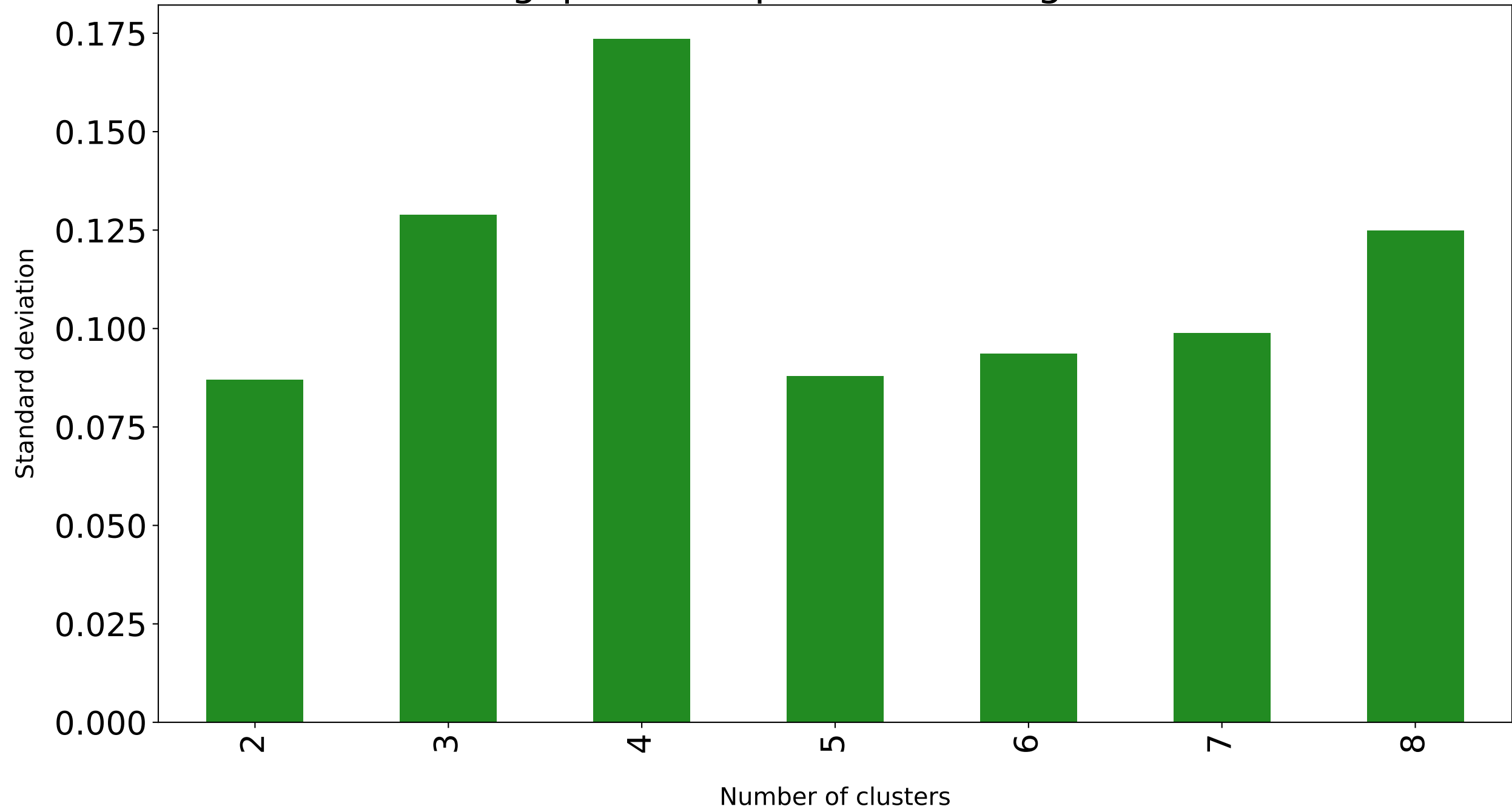
Average values of eleven external indices
gap: 0.90, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.98	0.958	0.974	0.954	0.967	0.023	0.961	0.958	0.974	0.123	0.966	3.0
0.964	0.906	0.931	0.885	0.933	0.04	0.928	0.908	0.929	0.205	1.107	4.0
0.987	0.96	0.968	0.945	0.965	0.021	0.974	0.96	0.968	0.113	1.243	5.0
0.976	0.912	0.926	0.871	0.911	0.043	0.953	0.913	0.926	0.238	2.445	6.0
0.968	0.869	0.889	0.808	0.836	0.062	0.936	0.872	0.888	0.327	3.375	7.0
0.968	0.852	0.872	0.783	0.811	0.059	0.936	0.855	0.87	0.314	2.886	8.0

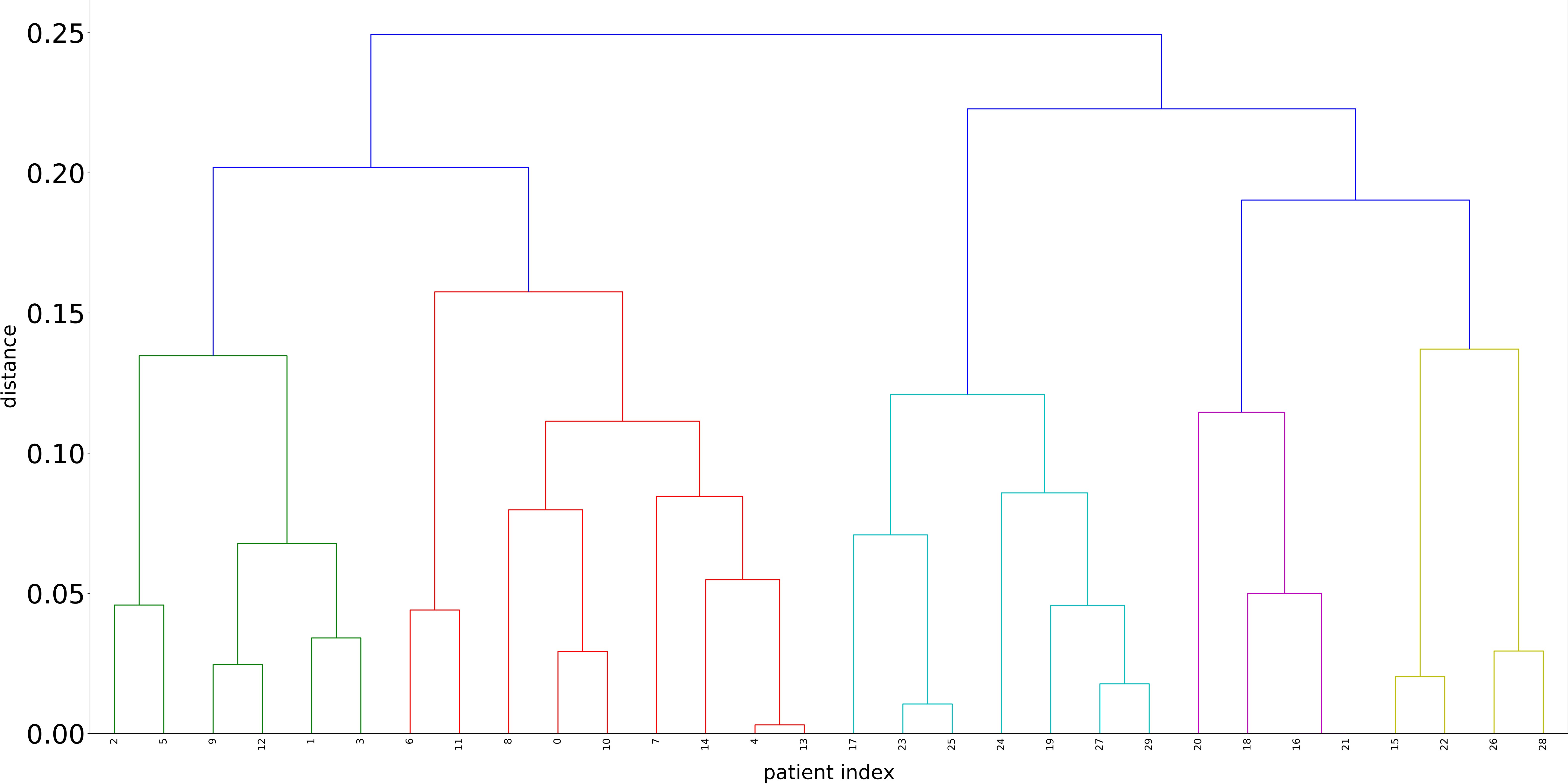
Average values of six internal indices
gap: 0.90, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: 0.90, Tp: 0.25, average link



Hierarchical Clustering Dendrogram - gap: 1.00, Tp: 0.25, average link



Cophenetic Correlation Coefficient: 0.9504457827052177

Average values of eleven external indices
gap: 1.00, Tp: 0.25, average link

R	AR	FM	J	AW	VD	H	H'	F	VI	MS	k
1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	-0.0	0.0	2.0
0.978	0.952	0.97	0.947	0.963	0.026	0.955	0.952	0.969	0.132	0.933	3.0
0.954	0.879	0.912	0.854	0.92	0.05	0.907	0.882	0.91	0.252	1.208	4.0
0.988	0.963	0.97	0.949	0.97	0.018	0.976	0.963	0.97	0.099	1.12	5.0
0.976	0.91	0.925	0.868	0.908	0.043	0.952	0.911	0.924	0.235	2.581	6.0
0.968	0.87	0.89	0.811	0.839	0.061	0.937	0.872	0.889	0.324	3.562	7.0
0.967	0.85	0.871	0.781	0.81	0.061	0.935	0.853	0.868	0.32	3.015	8.0

Average values of six internal indices
gap: 1.00, Tp: 0.25, average link

CVNN	XB**	S_Dbw	DB*	S	SD	k
0.167	112.309	1.976	5.684	0.331	1820.849	2.0
0.146	683.852	3.675	6.932	0.426	1598.696	3.0
0.134	2818.626	9.214	17.146	0.463	1979.353	4.0
0.176	5445.599	18.707	21.084	0.502	2230.184	5.0
0.222	13008.447	35.968	20.546	0.523	1971.844	6.0
0.187	13303.6	40.952	12.638	0.603	1257.702	7.0
0.166	23314.519	60.682	13.483	0.617	1868.54	8.0

Standard deviation of Adjusted Rand versus number of clusters
gap: 1.00, Tp: 0.25, average link

