

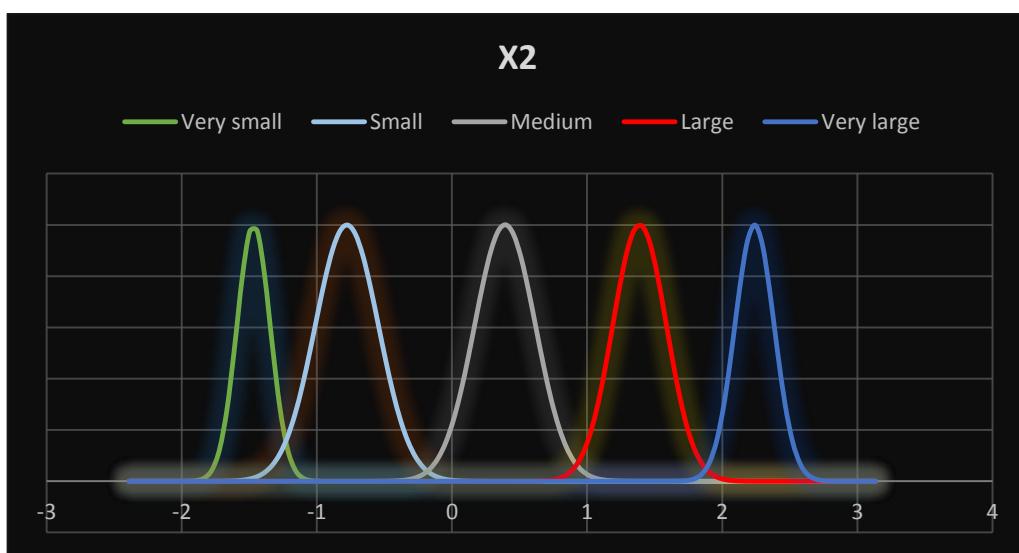
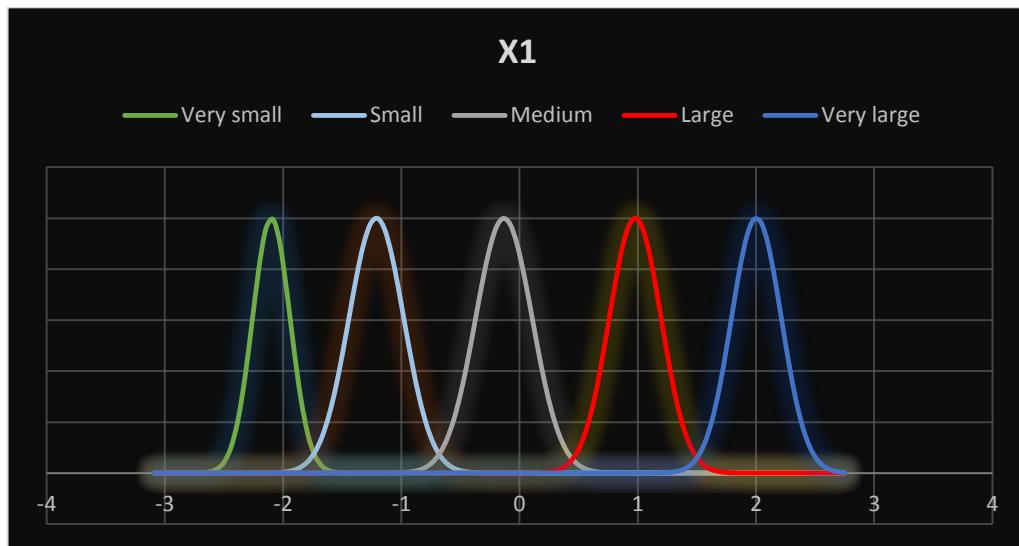
CCOD

11.11.2016

Alexander Bryuzgin, AS-36

Lab 11

Our parameters have the membership Very small, Small, Medium, Large, Very Large



Membership STDs & AVGs for each situation

attr1					attr2				
very small	small	medium	large	very large	very small	small	medium	large	very large
avg:-2.10034	avg:-1.21189	avg:-0.13263	avg:0.97788	avg:2.00339	avg:-1.46858	avg:-0.77812	avg:0.39258	avg:1.38846	avg:2.23874
std: 0.05071	std: 0.10814	std: 0.11514	std: 0.09661	std: 0.08939	std: 0.03042	std: 0.10991	std: 0.10201	std: 0.07947	std: 0.04251

Table of bunched data

As we have too much data, I present some parts of the table

attr1					attr2				
very small	small	medium	large	very large	very small	small	medium	large	very large
-3.09	-1.9	-0.729	0.451	1.64	-2.39	-1.27	-0.157	0.959	2.08
-2.98	-1.9	-0.729	0.451	1.64	-2.24	-1.27	-0.157	0.959	2.08
-2.84	-1.9	-0.728	0.452	1.64	-2.2	-1.27	-0.156	0.96	2.09
-2.77	-1.9	-0.726	0.452	1.64	-2.16	-1.27	-0.156	0.96	2.09
-2.6	-1.9	-0.724	0.454	1.64	-2.1	-1.27	-0.155	0.96	2.1
-2.56	-1.89	-0.724	0.455	1.64	-2.09	-1.27	-0.155	0.961	2.1
-2.41	-1.89	-0.724	0.455	1.64	-2.08	-1.27	-0.154	0.961	2.1
-2.37	-1.89	-0.724	0.456	1.64	-2.05	-1.27	-0.154	0.961	2.11
-2.34	-1.89	-0.723	0.457	1.64	-2.05	-1.27	-0.153	0.961	2.11
-2.32	-1.89	-0.722	0.458	1.65	-2.04	-1.27	-0.152	0.963	2.13
-2.28	-1.88	-0.721	0.458	1.66	-1.96	-1.27	-0.151	0.963	2.14
-2.25	-1.88	-0.72	0.459	1.66	-1.93	-1.27	-0.151	0.964	2.15
-2.25	-1.88	-0.72	0.462	1.66	-1.92	-1.27	-0.15	0.964	2.15
-2.19	-1.87	-0.719	0.463	1.66	-1.91	-1.27	-0.149	0.965	2.16
-2.19	-1.87	-0.719	0.463	1.66	-1.9	-1.27	-0.147	0.966	2.18
-2.18	-1.87	-0.718	0.463	1.66	-1.88	-1.27	-0.146	0.966	2.18
-2.17	-1.87	-0.717	0.464	1.66	-1.87	-1.27	-0.146	0.966	2.19
-2.15	-1.87	-0.717	0.465	1.67	-1.85	-1.27	-0.146	0.966	2.19
-2.14	-1.87	-0.717	0.465	1.67	-1.85	-1.27	-0.146	0.968	2.19
-2.14	-1.87	-0.717	0.465	1.67	-1.85	-1.27	-0.146	0.968	2.2
-2.14	-1.87	-0.716	0.466	1.67	-1.83	-1.27	-0.146	0.969	2.21
-2.13	-1.87	-0.716	0.466	1.68	-1.83	-1.27	-0.145	0.969	2.23
-2.13	-1.86	-0.715	0.468	1.68	-1.81	-1.27	-0.144	0.969	2.24
-2.13	-1.86	-0.715	0.469	1.68	-1.81	-1.27	-0.144	0.97	2.28
-2.12	-1.86	-0.715	0.469	1.68	-1.8	-1.27	-0.143	0.972	2.31
-2.11	-1.86	-0.714	0.47	1.69	-1.8	-1.27	-0.143	0.972	2.33
-2.11	-1.86	-0.714	0.47	1.7	-1.79	-1.27	-0.142	0.973	2.35
-2.11	-1.86	-0.714	0.471	1.7	-1.78	-1.27	-0.141	0.974	2.37
-2.1	-1.85	-0.712	0.471	1.7	-1.78	-1.27	-0.141	0.975	2.42
-2.1	-1.85	-0.711	0.471	1.7	-1.78	-1.27	-0.14	0.976	2.47
-2.1	-1.85	-0.711	0.472	1.7	-1.78	-1.27	-0.139	0.976	2.52
-2.09	-1.85	-0.711	0.472	1.7	-1.77	-1.26	-0.139	0.976	3.19

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-1.96	-1.79	-0.688	0.496	1.78	-1.66	-1.25	-0.115	0.996	
-1.96	-1.79	-0.688	0.496	1.78	-1.66	-1.25	-0.115	0.997	
-1.96	-1.79	-0.687	0.497	1.78	-1.66	-1.25	-0.115	0.997	
-1.95	-1.79	-0.687	0.497	1.79	-1.65	-1.25	-0.115	1	
-1.95	-1.78	-0.687	0.497	1.79	-1.65	-1.25	-0.114	1	
-1.95	-1.78	-0.685	0.498	1.79	-1.65	-1.25	-0.114	1	
-1.94	-1.78	-0.685	0.498	1.79	-1.65	-1.25	-0.114	1	
-1.94	-1.78	-0.685	0.499	1.8	-1.65	-1.25	-0.113	1	
-1.94	-1.78	-0.683	0.5	1.8	-1.64	-1.25	-0.113	1	
-1.94	-1.78	-0.683	0.501	1.8	-1.64	-1.25	-0.113	1	
-1.94	-1.78	-0.683	0.501	1.8	-1.63	-1.25	-0.111	1	
-1.94	-1.78	-0.681	0.502	1.8	-1.63	-1.25	-0.111	1.01	
-1.93	-1.78	-0.68	0.504	1.8	-1.63	-1.25	-0.108	1.01	
-1.93	-1.78	-0.68	0.504	1.8	-1.63	-1.25	-0.108	1.01	
-1.93	-1.78	-0.68	0.505	1.81	-1.62	-1.25	-0.107	1.01	
-1.93	-1.78	-0.679	0.507	1.81	-1.62	-1.25	-0.107	1.01	

	-1.04	-0.269	0.955			-0.939	0.343	1.55	
	-1.04	-0.269	0.956			-0.938	0.344	1.55	
	-1.04	-0.269	0.957			-0.938	0.344	1.56	
	-1.04	-0.269	0.957			-0.938	0.345	1.56	
	-1.04	-0.268	0.957			-0.937	0.345	1.56	
	-1.04	-0.268	0.96			-0.937	0.345	1.56	
	-1.04	-0.268	0.96			-0.936	0.345	1.56	
	-1.04	-0.267	0.961			-0.935	0.345	1.56	
	-1.04	-0.267	0.961			-0.935	0.347	1.56	
	-1.04	-0.266	0.962			-0.934	0.348	1.56	
	-1.04	-0.265	0.966			-0.934	0.348	1.57	
	-1.04	-0.265	0.969			-0.934	0.348	1.57	
	-1.04	-0.264	0.97			-0.933	0.348	1.57	
	-1.04	-0.264	0.971			-0.932	0.349	1.57	
	-1.04	-0.264	0.973			-0.932	0.349	1.57	
	-1.04	-0.262	0.973			-0.932	0.349	1.57	
	-1.03	-0.262	0.974			-0.931	0.352	1.58	
	-1.03	-0.262	0.974			-0.93	0.354	1.58	

	-0.844	-0.109	1.16			-0.758	0.538	2.04	
	-0.843	-0.109	1.16			-0.757	0.54	2.04	
	-0.843	-0.109	1.16			-0.756	0.54	2.04	
	-0.843	-0.109	1.16			-0.756	0.541	2.05	
	-0.84	-0.108	1.16			-0.755	0.541	2.05	
	-0.84	-0.108	1.16			-0.754	0.541	2.06	
	-0.839	-0.108	1.16			-0.754	0.541	2.06	
	-0.838	-0.107	1.16			-0.752	0.544	2.07	
	-0.838	-0.107	1.16			-0.752	0.545		
	-0.838	-0.106	1.16			-0.752	0.546		
	-0.836	-0.106	1.16			-0.751	0.546		
	-0.836	-0.106	1.16			-0.751	0.546		
	-0.836	-0.105	1.17			-0.75	0.547		
	-0.836	-0.105	1.17			-0.749	0.548		

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		0.117	1.47			-0.454	0.814		
		0.118	1.47			-0.454	0.816		
		0.118	1.47			-0.453	0.816		
		0.119	1.47			-0.453	0.817		
		0.12	1.47			-0.452	0.817		
		0.121	1.47			-0.451	0.817		
		0.121	1.48			-0.451	0.817		
		0.121	1.48			-0.451	0.819		
		0.121	1.48			-0.451	0.819		
		0.122	1.49			-0.451	0.82		
		0.122	1.49			-0.451	0.821		
		0.123	1.49			-0.451	0.822		

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		0.164	1.63			-0.388	0.877		
		0.165	1.63			-0.387	0.878		
		0.165	1.63			-0.387	0.878		
		0.166	1.63			-0.386	0.88		
		0.166	1.63			-0.384	0.881		
		0.167	1.63			-0.384	0.881		
		0.167				-0.384	0.881		
		0.168				-0.382	0.882		
		0.168				-0.382	0.883		
		0.168				-0.381	0.884		
		0.168				-0.38	0.885		
		0.169				-0.38	0.885		
		0.17				-0.38	0.885		
		0.171				-0.379	0.886		
		0.171				-0.378	0.887		
		0.171				-0.378	0.887		
		0.171				-0.378	0.889		
		0.173				-0.378	0.89		