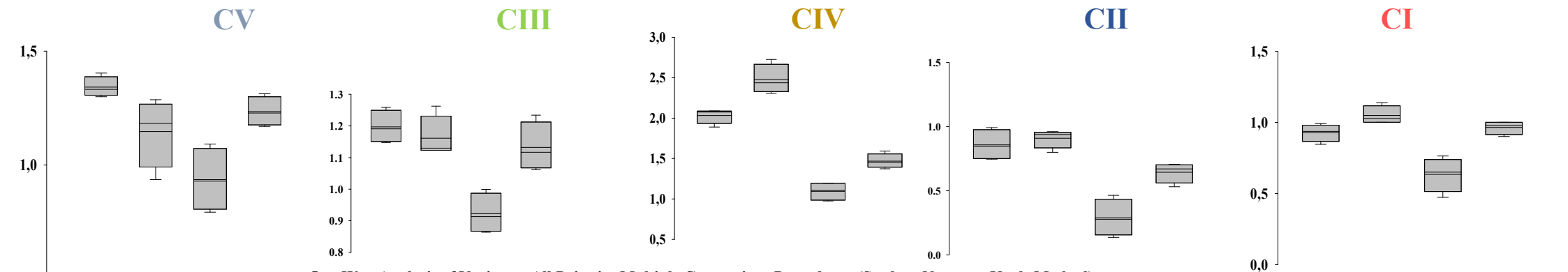


To Fig 3.

	CV				CIII				CIV				CII				CI			
	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4
Mean 1	1,3	0,936	0,845	1,261	1,2587	1,1229	0,9502	1,234	1,8905	2,388	0,9751	1,3731	0,8463	1,001	0,4732	1,001	0,8463	1,001	0,4732	1,001
Mean 2	1,326	1,209	0,793	1,196	1,16	1,1229	0,8761	1,0859	2,0829	2,3084	1,0149	1,592	0,9919	1,0556	0,6643	0,9009	0,9919	1,0556	0,6643	0,9009
Mean 3	1,404	1,157	1,092	1,17	1,1476	0,9625	0,8638	1,0612	2,0696	2,4875	1,194	1,4527	0,9282	1,1375	0,7644	0,9555	0,9282	1,1375	0,7644	0,9555
Mean 4	1,339	1,287	1,014	1,313	1,2217	1,0366	0,9995	1,1476	2,0895	2,7263	1,194	1,4527	0,9464	1,001	0,637	1,001	0,9464	1,001	0,637	1,001



One Way Analysis of Variance All Pairwise Multiple Comparison Procedures (Student-Newman-Keuls Method) :

Comparison	Diff of Means	P<0,050
CV group 1 vs. CV group 3	0,406	Yes
CV group 1 vs. CV group2	0,195	No
CV group 1 vs. CV group 4	0,107	No
CV group 4 vs. CV group 3	0,299	Yes
CV group 4 vs. CV group2	0,0877	Do Not Test
CV group2 vs. CV group 3	0,211	Do Not Test

Comparison	Diff of Means	P<0.050
C III group 1 vs. C III group 3	0.275	Yes
C III group 1 vs. C III group 2	0.21	No
C III group 1 vs. C III group 4	0.139	No
C III group 4 vs. C III group 3	0.136	Yes
C III group 4 vs. C III group 2	0.071	---
C III group 2 vs. C III 3group	0.0648	---

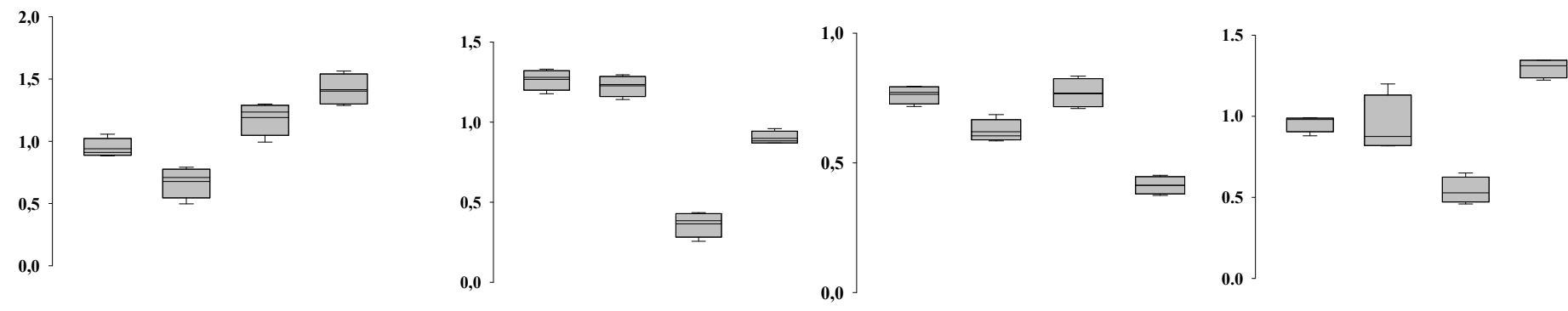
Comparison	Diff of Means	P<0.050
C IV group 1 vs. C IV group 3	0.939	Yes
C IV group 1 vs. C IV group 2	0.248	Yes
C IV group 1 vs. C IV group 4	0.565	Yes
C IV group 4 vs. C IV group 3	0.373	Yes
C IV group 4 vs. C IV group 2	1.01	---
C IV group 2 vs. C IV group 3	1.383	---

Comparison	Diff of Means	P<0.050
C II group 1 vs. C II group 3	0.568	Yes
C II group 1 vs. C II group 2	0.0518	No
C II group 1 vs. C II group 4	0.214	Yes
C II group 4 vs. C II group 3	0.355	Yes
C II group 4 vs. C II group 2	0.265	---
C II group 2 vs. C II group 3	0.62	---

Comparison	Diff of Means	P<0.050
C I group 1 vs. C I group 3	0.293	Yes
C I group 1 vs. C I group 2	0.121	No
C I group 1 vs. C I group 4	0.0364	No
C I group 4 vs. C I group 3	0.33	Yes
C I group 4 vs. C I group 2	0.0842	---
C I group 2 vs. C I group 3	0.414	---

To Fig 4.

	CNPase				ANT				Cyc D				SOD2			
	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4
Mean 1	0,9016	0,728	1,212	1,334	1,1776	1,296	0,4352	0,896	0,7566	0,585	0,7371	0,4524	0,9918	0,8178	0,4593	1,3439
Mean 2	0,882	0,4968	0,9936	1,564	1,2672	1,216	0,256	0,96	0,7176	0,6084	0,7098	0,429	0,9803	1,1998	0,5072	1,2233
Mean 3	0,9199	0,69	1,258	1,288	1,2928	1,1416	0,3584	0,8704	0,7956	0,6006	0,8346	0,3744	0,98	0,9248	0,5485	1,2795
Mean 4	1,0568	0,7912	1,2992	1,472	1,3312	1,2544	0,4096	0,8704	0,7878	0,6864	0,7956	0,3978	0,8799	0,8267	0,6499	1,3463



One Way Analysis of Variance All Pairwise Multiple Comparison Procedures (Student-Newman-Keuls Method) :

Comparison	Diff of Means	P<0.05
CNPase group 1 vs. CNPase group 3	0.251	Yes
CNPase group 1 vs. CNPase group 2	0.264	Yes
CNPase group 1 vs. CNPase group 4	0.474	Yes
CNPase group 4 vs. CNPase group 3	0.224	Yes

Comparison	Diff of Means	P<0.050
ANT group 1 vs. ANT group 3	0.902	Yes
ANT group 1 vs. ANT group 2	0.0402	No
ANT group 1 vs. ANT group 4	0.368	Yes
ANT group 4 vs. ANT group 3	0.534	Yes

Comparison	Diff of Means	P<0.050
CyP-D group 1 vs. CyP-D group 3	0.00487	No
CyP-D group 1 vs. CyP-D group 2	0.144	Yes
CyP-D group 1 vs. CyP-D group 4	0.351	Yes
CyP-D group 4 vs. CyP-D group 3	0.356	Yes

Comparison	Diff of Means	P<0.050
SOD2 group 1 vs. SOD2 group 3	0.417	Yes
SOD2 group 1 vs. SOD2 group 2	0.0157	No
SOD2 group 1 vs. SOD2 group 4	0.34	Yes
SOD2 group 4 vs. SOD2 group 3	0.757	Yes

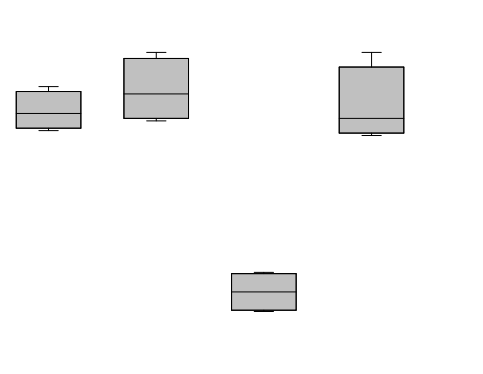
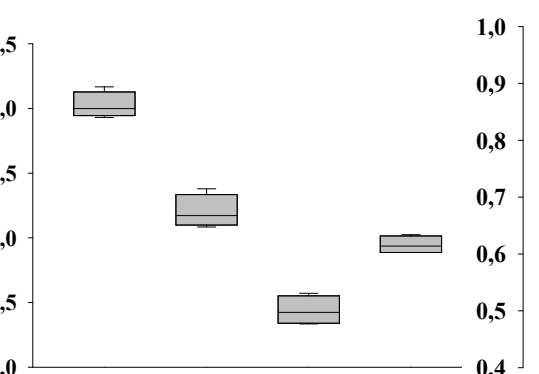
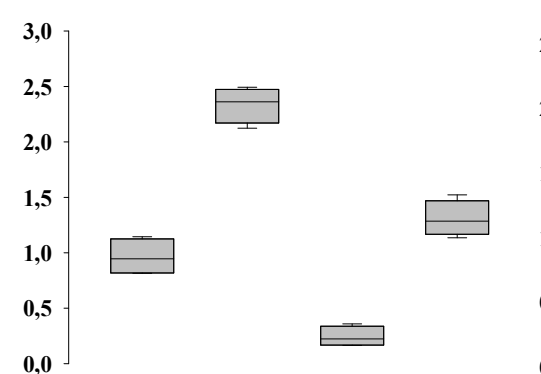
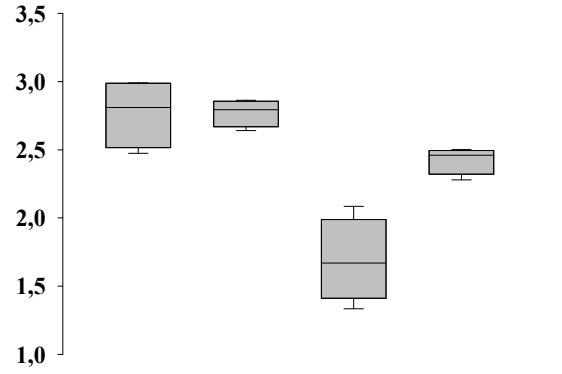
To Fig 5. Activity I complex

ANT I complex

Cyc D I complex

NDUFB8 I complex

	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4
Mean 1	2,641	2,641	2,085	2,4464	0,8148	2,3086	0,1649	1,261	1,9306	1,0835	0,3349	0,985	0,817	0,9546	0,4988	0,8256
Mean 2	2,4742	2,7522	1,3344	2,502	0,8245	2,1243	0,1746	1,1349	1,9897	1,2017	0,3546	1,0244	0,8342	0,8342	0,5074	0,9546
Mean 3	2,98	2,8634	1,6402	2,4742	1,067	2,4929	0,3589	1,3095	2,167	1,1426	0,4925	0,8865	0,8944	0,9116	0,559	0,8514
Mean 4	2,9912	2,8356	1,6988	2,2796	1,1446	2,4153	0,2716	1,5229	2,0094	1,379	0,5713	0,8865	0,86	0,8514	0,5676	0,8084



One Way Analysis of Variance All Pairwise Multiple Comparison Procedures (Student-Newman-Keuls Method) :

Comparison	Diff of Means	P<0.050
activity C I group 1 vs. activity C I group 3	1.082	Yes
activity C I group 1 vs. activity C I group 2	0.00145	No
activity C I group 1 vs. activity C I group 4	0.346	Yes
activity C I group 4 vs. activity C I group 3	0.736	Yes

Comparison	Diff of Means	P<0.050
ANT C I group 1 vs. ANT C I group 3	0.72	Yes
ANT C I group 1 vs. ANT C I group 2	1.373	Yes
ANT C I group 1 vs. ANT C I group 4	0.344	Yes
ANT C I group 4 vs. ANT C I group 3	1.065	Yes

Comparison	Diff of Means	P<0.050
CyP-D C I group 1 vs. CyP-D I group 3	1.586	Yes
CyP-D C I group 1 vs. CyP-D I group 2	0.822	Yes
CyP-D I group 1 vs. CyP-D I group 4	1.079	Yes
CyP-D I group 4 vs. CyP-D I group 3	0.507	Yes

Comparison	Diff of Means	P<0.050
NDUF C I group 1 vs. NDUF C I group 3	0.318	Yes
NDUF C I group 1 vs. NDUF C I group 2	0.0366	No
NDUF C I group 1 vs. NDUF C I group 4	0.814	No
NDUF C I group 4 vs. NDUF C I group 3	0.147	Yes

To Fig 6.

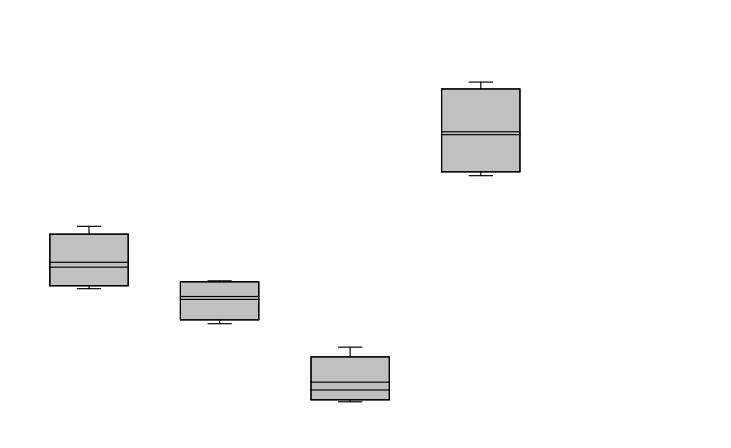
Activity IV complex

COX IV

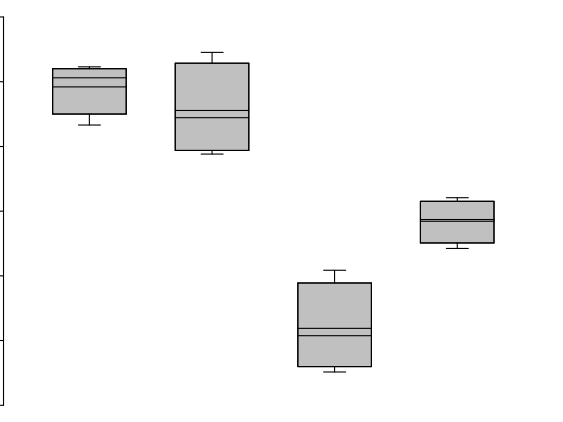
MTCO1 IV complex

	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4
Mean 1	0,66	0,6534	0,462	0,858	1,123	1,0781	0,73	0,8984	3,13	3,1116	1,252	2,0345
Mean 2	0,693	0,5808	0,4752	0,99	1,0332	1,0107	0,6513	0,8423	3,1926	3,0048	0,8451	2,4101
Mean 3	0,6402	0,6468	0,4488	0,9438	1,1118	0,9882	0,685	0,9209	3,0987	3,0987	1,0016	2,0658
Mean 4	0,7458	0,6072	0,5412	0,8316	1,1005	1,1455	0,8086	0,8759	3,2865	2,9109	1,3146	1,6276

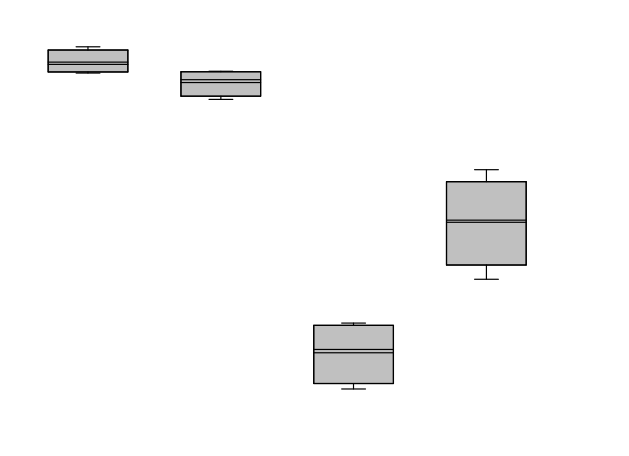
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0,6



3,5
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One Way Analysis of Variance All Pairwise Multiple Comparison Procedures (Student-Newman-Keuls Method) :

Comparison	Diff of Means	P<0.050
activity C IV group 1 vs. activity C IV group 3	0.203	Yes
activity C IV group 1 vs. activity C IV group 2	0.0627	No
activity C IV group 1 vs. activity C IV group 4	0.221	Yes
activity C IV group 4 vs. activity C IV group 3	0.424	Yes

Comparison	Diff of Means	P<0.050
COX C IV group 1 vs. COX C IV group 3	0.373	Yes
COX C IV group 1 vs. COX C IV group 2	0.0365	No
COX C IV group 1 vs. COX C IV group 4	0.11	Yes
COX C IV group 4 vs. COX C IV group 3	0.54	Yes

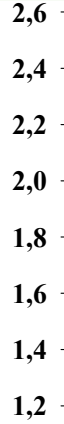
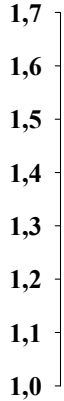
Comparison	Diff of Means	P<0.050
MTCO I C IV group 1 vs. MTCO I C IV group 3	2.074	Yes
MTCO I C IV group 1 vs. MTCO I C IV group 2	0.145	No
MTCO I C IV group 1 vs. MTCO I C IV group 4	1.142	Yes
MTCO I C IV group 4 vs. MTCO I C IV group 3	0.931	Yes

To Fig 7.

Activity II complex

SDHB II complex

	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4
Mean 1	1,43	1,5344	1,144	1,4586	1,9602	1,98	1,5642	2,3364
Mean 2	1,5873	1,3871	1,1011	1,4872	1,8018	2,1582	1,5642	2,4552
Mean 3	1,4014	1,3728	1,0654	1,573	2,1384	2,075	1,6368	2,4156
Mean 4	1,4586	1,5064	1,2584	1,3013	1,9998	1,8303	1,4078	2,5233



One Way Analysis of Variance All Pairwise Multiple Comparison Procedures (Student-Newman-Keuls Method) :

Comparison	Diff of Means	P<0.050
activity C II group 1 vs. activity C II group 3	0.327	Yes
activity C II group 1 vs. activity C II group 2	0.0192	No
activity C II group 1 vs. activity C II group 4	0.0143	No
activity C II group 4 vs. activity C II group 3	0.313	Yes

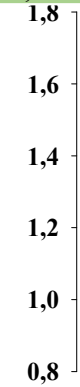
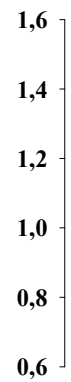
Comparison	Diff of Means	P<0.050
SDHB C II group 1 vs. SDHB C II group 3	0.432	Yes
SDHB C II group 1 vs. SDHB C II group 2	0.0358	No
SDHB C II group 1 vs. SDHB C II group 4	0.458	Yes
SDHB C II group 4 vs. SDHB C II group 3	0.889	Yes

To Fig 8.

CNPase III complex

UQCRC2 III complex

	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4
Mean 1	1,1123	0,8456	1,0099	1,452	1,6666	1,4787	0,9694	1,3458
Mean 2	0,9922	0,9111	1,1235	1,4412	1,4951	1,5909	0,9365	1,2158
Mean 3	0,9233	0,7666	1,1211	1,44	1,7044	1,5933	1,0296	1,283
Mean 4	0,9455	0,7444	0,9444	1,5344	1,6594	1,5188	1,1682	1,2723



One Way Analysis of Variance All Pairwise Multiple Comparison Procedures (Student-Newman-Keuls Method) :

Comparison	Diff of Means	P<0.050
CNPase C III group 1 vs. CNPase C III group 3	0.0564	No
CNPase C III group 1 vs. CNPase C III group 2	0.176	Yes
CNPase C III group 1 vs. CNPase C III group 4	0.474	Yes
CNPase C III group 4 vs. CNPase C III group 3	0.417	Yes

Comparison	Diff of Means	P<0.050
UQCRC2 group 1 vs. UQCRC2 group 3	0.605	Yes
UQCRC2 group 1 vs. UQCRC2 group 2	0.086	No
UQCRC2 group 1 vs. UQCRC2 group 4	0.352	Yes
UQCRC2 group 4 vs. UQCRC2 group 3	0.253	Yes

To Fig 9.

Activity V complex

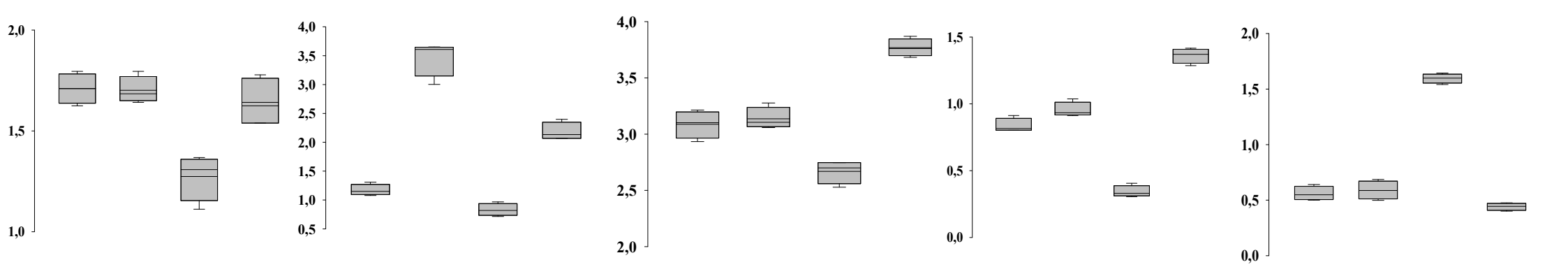
ATP5G V complex

ATP5F1 V complex

ATP5A V complex

Cyc D V complex

	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4	group 1	group 2	group 3	group 4
Mean 1	1,6758	1,6416	1,1115	1,71	1,078	3,003	0,715	2,398	3,0586	3,0586	2,7465	3,7452	0,8026	0,913	0,332	1,2865	0,4998	0,4981	1,6044	0,4584
Mean 2	1,6245	1,7955	1,2825	1,7784	1,144	3,586	0,792	2,068	2,9337	3,0898	2,6529	3,6828	0,913	0,9379	0,3054	1,4168	0,5197	0,5495	1,5929	0,4298
Mean 3	1,7955	1,6758	1,368	1,539	1,309	3,652	0,847	2,068	3,2146	3,2771	2,7465	3,87	0,8275	0,9296	0,3287	1,3571	0,5776	0,6246	1,6445	0,4756
Mean 4	1,7442	1,6929	1,3338	1,539	1,155	3,63	0,968	2,2	3,1453	3,121	2,528	3,7764	0,8034	1,0375	0,4059	1,3853	0,6406	0,6863	1,5414	0,4011



One Way Analysis of Variance All Pairwise Multiple Comparison Procedures (Student-Newman-Keuls Method) :

Comparison	Diff of Means	P<0.05	Comparison	Diff of Means	P<0.05	Comparison	Diff of Means	P<0.05	Comparison	Diff of Means	P<0.05
Activity C V group 1 vs. Activity C V group 3	0.436	Yes	ATP5G C V group 1 vs. ATP5G C V group 3	1.626	Yes	ATP5F C V group 1 vs. ATP5F C V group 3	0.42	Yes	ATP5A C V group 1 vs. ATP5A C V group 3	0.494	Yes
Activity C V group 1 vs. Activity C V group 2	0.00855	No	ATP5G C V group 1 vs. ATP5G C V group 2	1.854	Yes	ATP5F C V group 1 vs. ATP5F C V group 2	0.0485	No	ATP5A C V group 1 vs. ATP5A C V group 2	0.118	Yes
Activity C V group 1 vs. Activity C V group 4	0.0684	No	ATP5G C V group 1 vs. ATP5G C V group 4	0.9524	Yes	ATP5F C V group 1 vs. ATP5F C V group 4	0.681	Yes	ATP5A C V group 1 vs. ATP5A C V group 4	0.525	Yes
Activity C V group 4 vs. Activity C V group 3	0.368	Yes	ATP5G C V group 4 vs. ATP5G C V group 3	0.998	Yes	ATP5F C V group 4 vs. ATP5F C V group 3	1.1	Yes	ATP5A C V group 4 vs. ATP5A C V group 3	1.018	Yes
									CyP-D C V group 1 vs. CyP-D C V group 3	1.036	Yes
									CyP-D C V group 1 vs. CyP-D C V group 2	0.0302	No
									CyP-D C V group 1 vs. CyP-D C V group 4	0.118	Yes
									CyP-D C V group 4 vs. CyP-D C V group 3	1.115	Yes