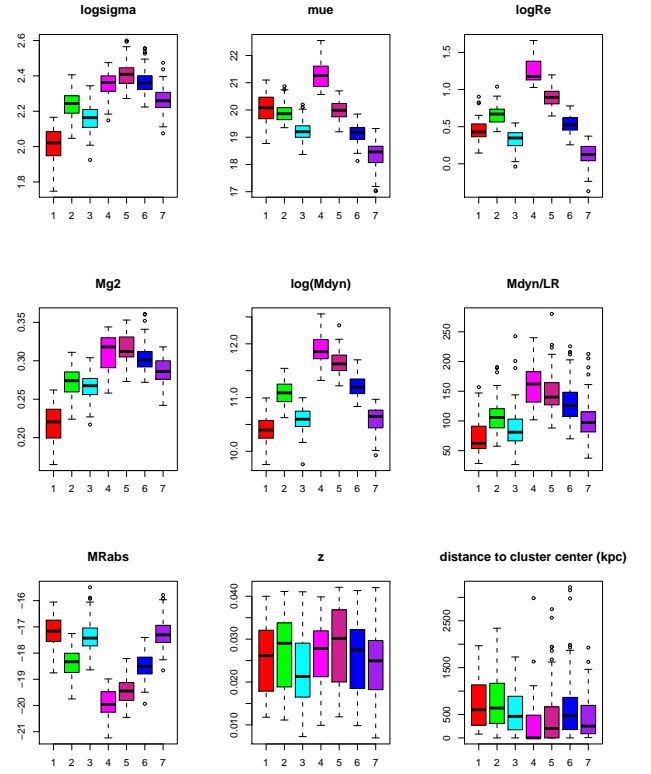## APPENDIX C: COMPLEMENTARY INFORMATION

We present here three figures for the other groupings found by the other analyses. Fig. C1 is the equivalent of Fig. 5 but for the cluster analysis with 4 parameters and K=7 with colours as in Fig. 1 (middle row, right column). If ones recall that C6 and C7 are split into 4 groups (4 to 7 on the figure), and that C2 and C4 are mixed together in this cluster analysis, the correspondence between the two boxplot figures is striking.
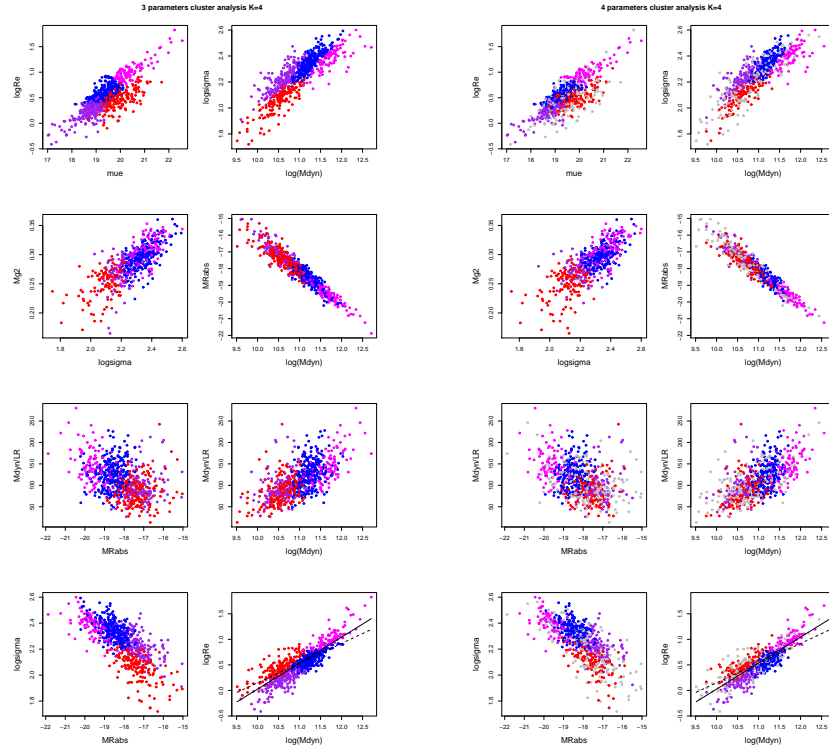
Fig. C2, Fig. C3 and Fig. C4 are the equivalent of Fig. 7 for all the analyses. Fig. C5 shows the tilt with respect to the virial plane like in Fig. 8 for all the groupings.

Finally, we give in Table C1 the list of all the galaxies used in this study distributed in the groups C1 to C7.
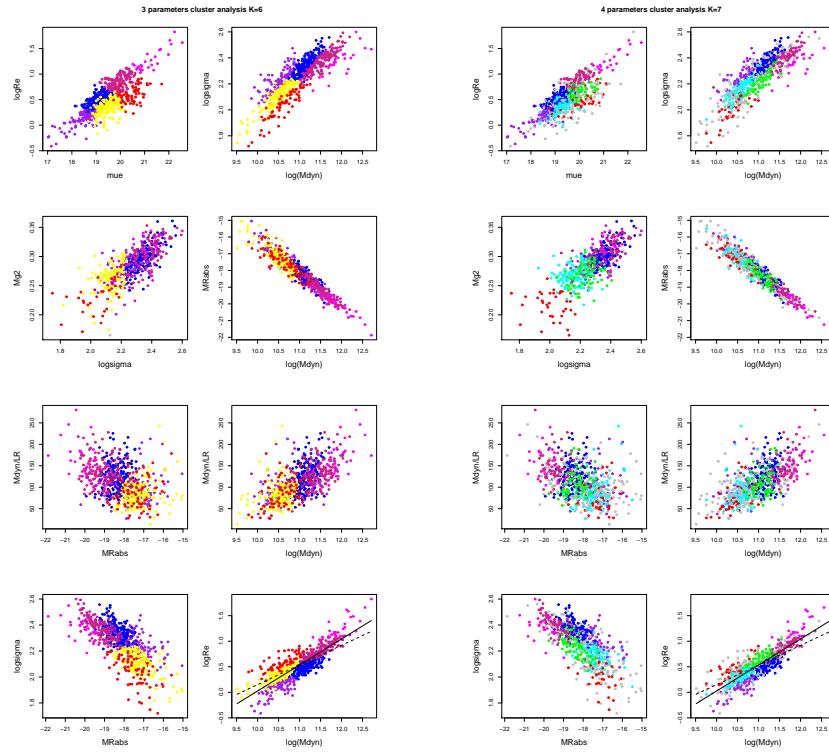

Figure C1. Same as Fig. 5 but for groups from cluster analysis with 4 parameters and K=7. The colours are the same as in Fig. 1 (middle row, right column).

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Figure C2. Diagrams as in Fig. 7, but for the cluster analyses with K=4.The colours are the same as in Fig. 1 (top row).

Figure C3. Diagrams as in Fig. 7, but for the cluster analyses with K=6 and K=7.The colours are the same as in Fig. 1 (middle row).

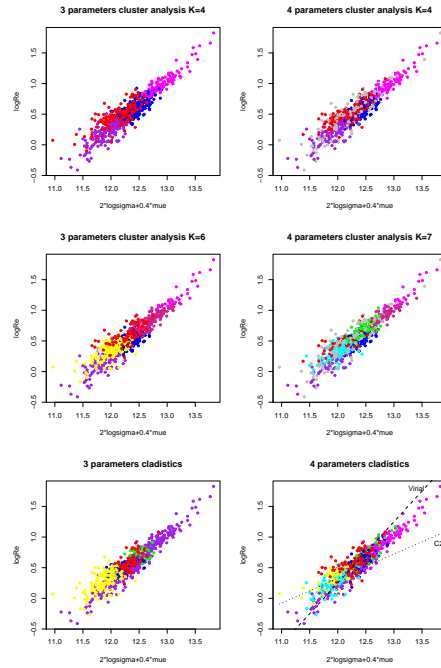**Figure C4.** Diagrams as in Fig. 7, for the two cladistic analyses with 3 and 4 parameters. The colours are the same as in Fig. 1 (bottom row).

Figure C5. Tilt with respect to the virial plane like in Fig. 8 for all the groupings.

Table C1. List of galaxies for each group.

C1						
A2199:B-008	A1060:ST-026	E323-008	A3558:FCP-35	I1618	A2052:EFR-B	U01269
A0576:SMC-A	A1177:SMC-B	A3733:SMC-K	A3574:W-050	PISC:PP-Z10020	A2063:D-033	S0301:D-022
N4661	A1656:D-107	N0085A	A2052:MKV-13	A0194:D-071	I4767	A0539:D-064
A1656:D-204	A3558:FCP-31	E243-052	A2063:D-034	S0301:D-034	A4038:D-067	A0957:D-035
7S21:PP-S06	S0761:FCP-14	N0548	A2199:B-034	A0539:D-054	A4038:D-037	A1060:JFK-R225
A2877:D-040	A2063:D-035	S0301:D-024	A4038:D-083	A0957:D-049	A0576:SMC-B	A1139:D-016
A0189:SMC-I	A2199:B-087	A0426:PP-P07	A4038:D-039	A1016:SMC-G	A1016:SMC-A	A3526:D-047
A0262:PP-A05096	A2634:D-087	A3381:D-037	U02717	A1060:JFK-RMH50	A1656:D-081	A3558:FCP-39
I0293	A4038:D-052	A1016:SMC-F	A1016:SMC-E	A3526:D-026	E445-040	S0761:FCP-24
A0539:D-043	A0262:B-042	A1060:JFK-R245	I4041	A3558:FCP-56	A2877:D-033	A2063:D-065
A0957:D-033	A0576:SMC-J	E322-100	A4038:D-045	E445-054	A0189:SMC-J	A2199:RS-028
A3733:SMC-G	A4038:D-033	S0761:FCP-07				

C2						
7S21:PP-S07	A1656:D-087	A0569:SMC-L	A2806:SMC-D	I4011	A1060:JFK-R338	A3389:D-053
N0386	A3558:FCP-15	A1060:JFK-RMH35	N0398	A3571:SMC-40	A3526:D-040	A0999:SMC-C
A2877:FCP-24	E384-029	A1177:SMC-C	I1638	S0753:W-095	A3526:D-027	A3526:D-059
H0122:PP-H01051	S0805:FCP-09	E322-102	A0194:D-052	A3716:D-061	A3526:D-015	A1656:D-135
A0262:B-038	A4038:D-076	N4729	S0301:D-026	A4038:D-053	A1656:D-156	A4038:D-066
S0301:D-031	A0957:D-050	Z160-027	A3389:D-043	PISC:PP-Z01034	A1656:D-027	S0761:FCP-26
N2330	A2806:SMC-F	A1656:D-193	A0957:D-037	A2877:D-011	S0753:W-017	S0301:D-027
A1060:JFK-RMH26	PISC:PP-Z01032	A3570:SMC-64	E501-049	I1648	A2199:B-044	A0400:D-057
E437-045	A2877:D-025	S0753:W-051	A1257:SMC-GC	U01040	A4038:D-060	A3526:D-035
E322-099	A0194:D-045	E104-002	A3526:D-050	S0301:D-020	A4038:D-049	N4743

C3						
N0420	A2199:B-015	A0569:SMC-R	N2235	N5304	A0548:D-007	I3955
A0426:PP-P08	A0347:PP-B16	N4616	J8:PP-J03049	A4038:D-043	A0957:D-043	A0539:D-031
A3381:D-112	A3733:SMC-I	A3571:SMC-10	A0539:D-059	A0539:D-042	A3558:FCP-57	I0310
A1257:SMC-G	I0171	A2634:D-031	N2329	A3716:D-098	MKW12:FCP-09	A3381:D-025
A3570:SMC-50	A0539:D-039	A0426:PP-P11	N4929	I1860	A4038:D-065	A0957:D-044
A3558:FCP-17	I1116	A0262:B-018	A3571:SMC-44			

C4						
I1548	J8:EFR-H	S0753:W-010	A1736:D-144	A3571:SMC-29	A3381:D-033	A1257:SMC-C
A2877:D-035	A0426:PP-P33	A2199:B-054	S0761:FCP-05	E286-029	A1314:SMC-E	E322-089
A0539:D-041	A1060:JFK-RMH28	A3656:SMC-X	A2199:B-047	A2806:SMC-E	A1656:D-210	N4824
A1016:SMC-C	A1314:SMC-D	N0909	S0805:D-021	A2877:D-021	I3957	N4906
A3526:D-049	A3526:D-036	E488-009	A2634:L-BO3C	I1696	A3581:SMC-76	A3558:FCP-29
A1656:D-238	A1656:D-153	A1257:SMC-E	N0388	A0400:D-017	A2199:B-095	A2199:B-028
N4876	I4133	A1656:D-096	U01003	A3389:D-048	A4038:D-068	I4748
A2199:B-048	S0753:W-047	A3716:D-081	A3381:D-067	A1177:SMC-H	A0539:D-051	A2634:D-079
A2199:B-073	A2199:B-033	A4038:D-059	A1060:ST-034	E322-075	A0569:SMC-B	N0501
U01030	S0805:D-029	PISC:PP-Z01073	A3526:D-033	E323-009	I2955	N4850
A0548:D-020	A2634:D-104	A0194:D-012	I3947	A1656:D-207	E384-036	N4882
E437-021	PISC:PP-Z01047	J8:PP-J01080	S0753:W-012	A1736:D-039	A2634:B-013	A1314:SMC-B
A3537:SMC-156	U00996	A0539:D-052	A2199:B-084	A2063:D-046	A2877:D-037	A0426:PP-P21
E510-054	A0539:D-075	A1139:D-041	A3656:SMC-S	A2199:B-021	I1680	A0957:D-046
A2634:D-093	E436-044	A1367:B-020	A0539:D-063	E235-039	A0262:B-019	A0426:PP-P20
N0397	A3526:D-009	E322-101	I0464	A2877:D-048		

Table C1 – *continued*

C5						
N0394	U02673	A3581:SMC-75	A0539:D-044	A2063:D-050	I5354	A3558:FCP-33
N0385	I2744	A2063:D-089	A3389:D-060	A3716:D-117	N0759	E445-059
N0712	N4946	A3656:SMC-I	A1016:SMC-B	N0912	I1858	A2063:D-073
A0426:PP-P15	N5424	A3744:SMC-I	N4767	A2063:D-071	A0576:SMC-I	A2199:B-026
A3381:D-075	A2199:B-005	A2634:D-068	N4908	A2877:D-045	N4881	A3733:SMC-H
A0957:D-054	A2634:B-021	I1569	E325-013	A0400:D-070	A3558:FCP-21	A2634:D-038
N3841	A0076:D-016	J8:EFR-I	E511-021	A0539:D-062	A2199:EFR-O	N0079
A1656:D-161	A3526:D-041	A0539:D-057	N6146	A0569:SMC-N	A3733:SMC-B	U01837
A3558:FCP-06	A2877:D-028	N4816	A3656:SMC-P	E501-003	A0999:SMC-G	N1224
A3581:SMC-78	J8:PP-J07038	A1736:D-137	A2634:D-043	A1656:D-140	N0382	N3308
A2063:D-059	N1273	N5438	A2657:D-070	A1656:D-230	N0560	A1656:D-206
A2199:EFR-H	A3381:D-100	A3716:D-090	N0541	A3571:SMC-164	A0400:D-089	A3574:W-024
A3744:SMC-T	A0999:SMC-E	A0189:SMC-C	I1806	A2052:MKV-60	A0539:D-016	N6158
A2634:D-107	E322-081	A2063:D-074	A3381:D-034	A2199:B-019	I0458	A3744:SMC-Q
A0076:D-018	N4864	A2877:D-042	N4854	A3716:D-099	A1139:D-030	N4683
J8:EFR-K	A3558:FCP-04	I1807	A3558:FCP-07	A2634:D-130	A1656:D-239	

C6						
A2806:SMC-C	N6998	N3309	A2063:D-072	N2340	E325-004	N0410
A0400:D-058	I5341	A1314:SMC-A	A2634:D-074	N4696	E510-066	N0564
A0539:D-045	A2657:D-031	A1656:D-240	A4049:D-055	E444-046	N6173	N1278
A0957:D-059	N0212	E509-008	I1566	N6999	A3716:D-080	A0999:SMC-D
S0753:W-073	A0539:D-047	A3558:FCP-13	E243-045	N0703	E464-018	I2738
A3716:D-067	I0661	I4329	N0508	I0313	N7728	N3862
A2634:B-016	N4889	E511-026	N1272	A0569:SMC-Q	I5353	N4926
N0083	N6160	E187-020	N2230	N4869	J8:EFR-D	A3558:FCP-03
N0379	E243-049	A3733:SMC-C	A1139:D-039	A2199:B-020	U05515	E325-016
A0189:SMC-A	I0312	A2634:D-057	A1314:SMC-G	I5342	N4839	I4374
U01308	A0539:D-050	A2657:D-071	I4051	A4049:SMC-E	U09799	I4765
A0539:D-068	I2597	N0708	A3558:FCP-02	I1568	I5358	A3716:D-078
I0613	A2063:D-090	A3381:D-055	A3558:FCP-16	I1633	A0347:PP-B07	N7016
I0708	E286-049	N3551	N5419	N0545	N1293	N7735
N4709	A2657:D-043	A3558:FCP-05	E511-032	I1907	A0576:SMC-D	I5362
N4927	I1565	N6166	A3716:D-065	A0576:SMC-C	N4923	J8:EFR-C
A3558:FCP-18	N0383	N0499	A3733:SMC-A	I0660	E104-007	N3311
A3571:SMC-171	N0507	N1283	A2634:D-077	N3842	A2634:D-036	N4874
E511-023	I1803	A3381:D-021	A2657:D-064	E443-024	N0080	A2063:D-060
I4931	A3381:D-056	I3959	U01841	A3558:FCP-08	N0215	S0761:FCP-04

C7						
N0375	N2332	A3526:D-046	A3558:FCP-24	A2634:D-056	I5350	N1270
A0347:PP-B03C	E437-011	N4875	A3558:FCP-14	A2634:D-102	A1139:D-029	U02725
A0426:7S-PER199	N3555	I4045	A3571:SMC-21	A4038:D-044	N0543	U03696
A0539:D-061	A1257:SMC-B	E384-049	N5423	N0384	A0400:D-041	N3305
A0569:SMC-G	N4706	A2199:B-035	A2199:B-024	N0528	A0539:D-048	A1177:SMC-F
A1060:JFK-RMH79	N4919	A2199:B-061	E103-046	N0687	A3389:D-049	A1228:SMC-M
N4730	A3558:FCP-25	A3716:D-141	A3716:D-084	A0400:D-044	A1060:JFK-RMH29	N3851
N4872	A3558:FCP-09	A2634:D-075	A2634:D-119	U02698	E323-005	N4860
I4021	A3571:SMC-32	A2634:D-069	A4049:SMC-D	A0548:D-051	A1656:D-136	A3558:FCP-34
S0753:W-049	N5397	A4038:D-055	I1673	E501-013	I4012	A3558:FCP-50
A2063:D-077	A2199:RS-008	N0380	A0400:D-052	A1139:D-036	S0753:W-037	A3571:SMC-38
A2199:B-074	A2199:RS-163	I0103	A0426:7S-PER163	A1228:SMC-H	S0761:FCP-11	A3571:SMC-112
A2199:B-038	A3716:D-116	N0679	A0548:D-017	N3837	A2199:L-0163	A2052:EFR-C
A2634:D-076	N7014	J8:EFR-A	E436-045	N4840	A2199:B-045	A2199:B-030
A2634:D-071	A4049:D-047	N1281	N4645	E382-002	A2634:D-080	A3716:D-051
A4038:D-070	N3873	A0548:D-019	A1656:D-024	A3558:FCP-26	A2634:D-073	A3744:SMC-E
A4038:D-038	A2877:FCP-32	A0999:SMC-F	A1656:D-125	A2657:D-072	A4038:D-032	
E243-041	S0301:D-017	A1139:D-037	A3574:W-074	A3571:SMC-13	A4038:D-051	I0662
N0547	A0426:PP-P26	A1228:SMC-G	A3581:SMC-77	E510-063	N0392	A0539:D-049
N0911	A0539:D-069	I0709	A2199:B-069	A2199:B-050	N0529	E437-013
A0426:PP-P22	A0957:D-047	E323-034	A2199:B-066	I4926	U01859	I3986
A2634:B-030	E235-049					