

SIMPER

Similarity Percentages - species contributions

One-Way Analysis

Data worksheet

Name: Square root

Data type: Abundance

Sample selection: All

Variable selection: All

Parameters

Resemblance: S17 Bray Curtis similarity

Cut off for low contributions: 90.00%

Factor Groups

Sample	SIMPROF
ST4	d
ST5	d
ST6	d
ST7	d
ST12	d
ST13	d
ST14	f
ST15	f
ST16	f
ST19	f
ST24	f
ST17	e
ST18	e
ST20	e
ST23	e
ST21	a
ST22	a
ST29	a
ST30	a
ST25	c
ST26	c
ST27	c
ST28	b

Group d

Average similarity: 31.35

Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
Amphiura filiformis	2.02	12.63	7	40.28	40.28
Chamelea striatula	0.83	4.85	1.32	15.46	55.75
Kurtiella bidentata	0.8	2.82	0.78	9.01	64.75
Abra prismatica	0.69	1.69	0.48	5.38	70.14
Antalis entalis	0.57	1.64	0.48	5.22	75.35
Nephtys hombergii	0.57	1.44	0.48	4.59	79.94
Galathowenia oculata	0.62	1.38	0.48	4.4	84.34
Ennucula tenuis	0.5	1.3	0.48	4.14	88.48

Thyasira flexuosa	0.5	1.22	0.48	3.88	92.36
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Group f

Average similarity: 29.45

Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
Thyasira flexuosa	1.9	4.67	1.05	15.84	15.84
Phaxas pellucidus	1	4.02	2.36	13.67	29.51
Abra nitida	1.67	2.96	1.03	10.05	39.56
Amphictene auricoma	1.57	2.87	1.02	9.75	49.31
Amphiura filiformis	0.91	2.21	0.59	7.51	56.82
Galathowenia oculata	0.88	2.18	0.99	7.42	64.24
Cylichna cylindracea	0.97	2.06	1.03	6.99	71.23
Polycirrus	0.6	1.16	0.55	3.95	75.19
Turritellinella tricarinata	0.93	0.9	0.6	3.07	78.26
Ampelisca tenuicornis	1.01	0.89	0.61	3.03	81.29
Goniada maculata	0.6	0.85	0.6	2.88	84.16
Phoronis	0.68	0.8	0.6	2.73	86.89
Lucinoma borealis	0.4	0.48	0.32	1.63	88.51
Chaetoderma nitidulum	0.4	0.38	0.32	1.28	89.79
Glycinde nordmanni	0.4	0.38	0.32	1.28	91.07

Group e

Average similarity: 35.44

Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
Cylichna cylindracea	1.1	8.52	3.74	24.05	24.05
Glycera unicornis	1	8.52	3.74	24.05	48.1
Abra nitida	1.47	5.05	0.76	14.25	62.35
Thyasira flexuosa	1.52	4.84	0.81	13.65	76.01
Notomastus	0.93	4.65	0.86	13.13	89.14
Abyssoninoe hibernica	0.5	1.46	0.41	4.12	93.26

Group a

Average similarity: 42.46

Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
Nephtys incisa	1.79	20.72	5.05	48.8	48.8
Abra nitida	1.6	17.19	2.2	40.47	89.28
Melinna palmata	0.85	2.28	0.41	5.36	94.64

Group c

Average similarity: 45.89

Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
Galathowenia oculata	3.94	6.9	7.18	15.04	15.04
Euclymene oerstedii	2.7	3.83	7.05	8.35	23.39
Amphiura filiformis	3.35	3.58	4.38	7.8	31.19
Nucula nitidosa	2.46	3.58	4.38	7.8	39
Owenia	1.82	3.55	4.46	7.74	46.74
THRACIOIDEA	1.76	2.9	4.46	6.32	53.06
Lumbrineris cingulata	1.66	2.52	2.96	5.5	58.56
Phaxas pellucidus	1.47	2.32	3.98	5.05	63.61

Harpinia antennaria	1.38	2.28	7.31	4.97	68.58
Sabellaria spinulosa	2.05	2.28	7.31	4.97	73.55
Kurtiella bidentata	2.43	1.75	0.58	3.8	77.35
Ampelisca tenuicornis	1.24	0.96	0.58	2.08	79.44
NEMERTEA	1.15	0.96	0.58	2.08	81.52
Acrocnida brachiata	1.22	0.85	0.58	1.86	83.38
Chaetozone gibber	0.67	0.85	0.58	1.86	85.23
Melinna palmata	1.05	0.78	0.58	1.7	86.93
Abra alba	0.91	0.65	0.58	1.41	88.34
Ampelisca brevicornis	0.8	0.65	0.58	1.41	89.76
Magelona filiformis	0.91	0.65	0.58	1.41	91.17

Group b

Less than 2 samples in group

Species	Abundance
Euclymene oerstedii	173
Melinna palmata	139
Galathowenia oculata	85
Sabellaria spinulosa	74
Musculus subpictus	52
Lumbrineris cingulata	41
NEMERTEA	28
Rhodine gracilior	25
Dipolydora saintjosephi	23
Paradoneis lyra	22
Pholoe inornata	17
Tritaeta gibbosa	16