Table 5: Proportional subsets of artificially selected ecosystems representing intersections between the sets for O1, O2, O3 and O4.

Sampling	Line	T_{prop}	P_{mut}	Runs	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Propagule	L	2000	0.01	46	0.1957	0.0217	0.0217	0.0217	0.0217	0.0217	0	0.0217	0.0870	0.5870
	L	5000	0.01	57	0.2456	0	0.0351	0.0175	0	0	0.0702	0	0.0351	0.5965
	L	10000	0.01	60	0.1667	0.0667	0.0333	0.0833	0	0.0500	0.2167	0	0.0333	0.3500
	L	20000	0.01	75	0.2667	0.0133	0.0400	0.0400	0	0.0667	0.0267	0	0	0.5467
	L	5000	0	43	0.0698	0	0	0	0	0.0930	0.0465	0.0233	0.1395	0.6279
	L	5000	0.01	57	0.2456	0	0.0351	0.0175	0	0	0.0702	0	0.0351	0.5965
	L	5000	0.03	87	0.1954	0.0575	0.1264	0.1264	0	0.0345	0.1034	0	0.1264	0.2299
	L	5000	0.05	42	0.2381	0.1429	0.0238	0.2857	0	0.0714	0.0476	0	0.0238	0.1667
	L	5000	0.1	73	0.0411	0.0959	0.2192	0.5068	0.0274	0.0137	0.0274	0	0	0.0685
	H	2000	0.01	46	0.2826	0	0.4130	0.2174	0	0	0.0217	0	0.0217	0.0435
	H	5000	0.01	57	0.3158	0	0.3684	0.1930	0	0	0.0877	0	0	0.0351
	H	10000	0.01	60	0.2667	0.0167	0.2833	0.1333	0	0.0167	0.1167	0	0.1500	0.0167
	H	20000	0.01	75	0.2000	0	0.4267	0.3733	0	0	0	0	0	0
	H	5000	0	43	0	0	0	0.0465	0	0.0233	0.1860	0.0930	0.3488	0.3023
	H	5000	0.01	57	0.3158	0	0.3684	0.1930	0	0	0.0877	0	0	0.0351
	H	5000	0.03	87	0.3448	0.0115	0.3908	0.1609	0	0.0345	0.0575	0	0	0
	H	5000	0.05	42	0.0952	0	0.4048	0.4762	0	0	0.0238	0	0	0
	H	5000	0.1	73	0.0411	0.0137	0.4521	0.4795	0	0	0.0137	0	0	0
	L	All	All	483	0.1781	0.0497	0.0745	0.1449	0.0062	0.0414	0.0704	0.0041	0.0538	0.3768
	H	All	All	483	0.2050	0.0062	0.3582	0.2650	0	0.0104	0.0580	0.0083	0.0518	0.0373
Migrant	L	5000	0.1	49	0.5510	0.0204	0.0408	0.0204	0.0408	0.0204	0.0408	0	0.0204	0.2449
	H	5000	0.01	49	0.3469	0	0.5306	0.1020	0	0	0.0204	0	0	0

Index	Subset	Index	Subset
(1)	$O1 \cap O2^c \cap O3^c \cap O4^c$	(6)	$O1^c \cap O2 \cap O3^c \cap O4^c$
(2)	$O1 \cap O2 \cap O3^c \cap O4^c$	(7)	$O1 \cap O2^c \cap O3^c \cap O4$
(3)	$O1 \cap O2 \cap O3 \cap O4^c$	(8)	$O1^c \cap O2 \cap O3^c \cap O4$
(4)	$O1 \cap O2 \cap O3 \cap O4$	(9)	$O1^c \cap O2^c \cap O3^c \cap O4$
(5)	$O1 \cap O2 \cap O3^c \cap O4$	(10)	$O1^c \cap O2^c \cap O3^c \cap O4^c$

Data shown for high and low lines, for both propagule and migrant pool sampling methods. Variation shown along axes for P_{mut} and T_{prop}. Target vector $(\bar{a}_1, \bar{a}_2, \bar{a}_3) = (0.2, 0.3, 0.5)$.