B Filtered CLR median AUROC sig. ASVs    Construction   Constructi	Α			F	iltered	I RA. ı	mediaı	1 AUR	OC si	g. ASV	/s					
2.65	0.7															3
Company   Comp			0.65	0.65	0.62	0.64	0.62		0.63	0.65	0.64				Soil – Arctic	2
0.75					0.53	0.58			0.76	0.79	0.72				Human – ASD	
10.00			0.74						0.72	0.73	0.7			0.73	Human – CD (1) Soil – Blueberry	1
A.S.   A.   A.   A.   A.   A.   A.   A	0.7	0.69	0.61	0.64	0.63	0.61		0.58			0.59	0.61	0.58		Human – C. diff (1)	
0.72	0.83	0.95	0.7	0.72	0.7	0.7		0.67			0.7	0.7			Mouse Facilities `	0
0.72										0.6	0.65				Human – CC (1) Human – CC (2)	-1
0.94	0.73		0.67	0.68			0.67	0.58	0.66		0.69	0.76	0.57	0.65	Human − Inf.	
1		0.96			0.68	0.73				0.83		0.50			Marine – Plastic (4)	-2
1			0.57		0.56	0.57									WWSR - Temp.	
0.88		1		0.83			0.83	0.89	0.98	1		0.88			Human – HIV (1) Human – HIV (2)	
0.8											0.72				Human – HIV (3)	
0.88	0.91		0.8		0.77	0.79		0.71	0.9	0.9	0.9		0.60		Human – IBD`´	
No.	0.88	0.88	0.67	0.68	0.62	0.68	0.63	0.69	0.88		0.73		0.88		Human – ALL	
0.57	0.61	0.59	0.55	0.56			0.54		0.56	0.58	0.56	0.56	0.58	0.58	Human – OB (1) Human – OB (2)	
New York   Control   Con	0.87								0.74	0.81				0.82	Human – OB (3)	
0.85			0.53		0.52	0.54					0.55	0.55			Built – Office	
0.88			0.7		0.68	0.72									Marine – Plastic (2)	
0.85															River – Plastic	
Dec					0.74	0.70	0.74	0.75	0.75	0.70	0.75	0.04	0.75	0.77	Marine – Plastic (1)	
Description   Color			0.88		0.74	0.82	0.76	0.95	0.84	0.83	0.94	0.02		0.84	Human – T1D (1)	
Description   Color	0.79	0.89	0.73	0.74	0.64	0.69	0.74	0.72	0.71	0.76	0.74	0.81	0.53	0.78	Marine – Plastic (3)	
Description   Color	EXP	M.II	COD	ceal	70er	Lise	MAN	"NED	dinz	(ale)	Sea	vale	CIB)	rate		
Description   Color			by. C	K.	80	Λ. <sup>20</sup> ω	'C' KN	14. 145	alin'	S. Suc	ing iso	ir, to	'G sto	20		
Description   Color	*					200	OOM		Makst	aetade	×	Milco,	Wilco			
Description   Color					Ÿ	illii.	io"		`	4.						
0.74	_			_	!I4 a a al		!!-	ALID	OO -:	A C\	1-					
0.64		0.70	0.62									0.6	0.60	0.61	Coil Eiron	
0.63	0.64	0.74	0.63	0.62	0.61	0.61	0.59	0.62	0.61	0.62	0.65	0.64	0.62	0.61	Freshwater – Arctic	3
0.77	0.69	0.76	0.63		0.6	0.66		0.64				0.00	0.00	0.00	Human – RA	2
0.75		0.77	0.57	0.66			0.73	0.68							Human – CD (1)	
0.84	0.77											0.75	0.78		Soil – Blueberry	1
0.62		0.8	0.61	0.65	0.61	0.62		0.63			0.65				Human – C. diff (2)	
0.75	0.04	0.62	0.54	0.59	0.53	0.56	0.57	0.6	0.62		0.62	0.72	0.66	0.62	Human – CC (1)	0
0.93	0.75	0.82			0.66	0.64						0.75			Human – Inf.	-1
0.68 0.72 0.65 0.66 0.65 0.65 0.66 0.65 0.65 0.66 0.66	0.93		0.88	0.88			0.88	0.78	0.76		0.68		0.99	0.81	Marine – Plastic (4)	
0.79															WWSR – Continents	
0.67	0.00		0.79		0.61	0.8					0.00		0.0	0.00	Human – HIV (1)	
0.86         0.95         0.86         0.74         0.73         0.74         0.73         0.8         0.84         0.73         Freshwater – Treat.           0.92         0.92         0.73         0.71         0.62         0.73         0.57         0.74         0.92         0.76         0.92         Human – ALL         Human – ALL         Human – ALL         Human – OB (1)         Human – OB (2)         Human – OB (2)         Human – OB (3)         Human – OB (3)         Human – OB (3)         Human – OB (4)         Human – OB		0.67	0.6	0.64	0.59	0.57	0.69	0.62	0.59	0.61		0.64			Human – HIV (3)	
0.86         0.95         0.86         0.74         0.73         0.74         0.73         0.8         0.84         0.73         Freshwater – Treat.           0.92         0.92         0.73         0.71         0.62         0.73         0.57         0.74         0.92         0.76         0.92         Human – ALL         Human – ALL         Human – ALL         Human – OB (1)         Human – OB (2)         Human – OB (2)         Human – OB (3)         Human – OB (3)         Human – OB (3)         Human – OB (4)         Human – OB			0.83		0.72	0.75		0.78	0.88	0.88	0.85				Human – CD (2) Human – IBD	
0.61         0.59         0.55         0.56         0.54         0.54         0.56         0.57         0.59         0.58         0.56         0.6         0.59         Human - OB (1) Human - OB (2)         Human - OB (2)         Human - OB (3)         Human - OB (3)         Human - OB (3)         Human - OB (4)										0.74		0.8		0.73	Freshwater – Treat.	
0.85         0.85         0.69         0.8         0.7         0.65         0.88         0.74         0.67         0.77         0.8         0.79         Human - OB (4)           0.58         0.59         0.54         0.55         0.55         0.55         0.55         0.55         0.55         0.56         0.56         0.56         D.56         D.58         D.84         D.71         D.84         D.84         D.84         D.84         D.85         D.85         D.85         D.86         D.99					0.54	0.54		0.56		0.59		0.56		0.59	Human – OB (1)	
0.58         0.59         0.54         0.55         0.53         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.55         0.56         0.56         0.56         D.56         D.84         D.84         D.84         D.84         D.85         D.85         D.85         D.85         D.85         D.85         D.80         D.99         D.99         D.99         D.99         D.99 <th< td=""><td>0.61</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.73</td><td>0.07</td><td>0.77</td><td></td><td></td><td></td><td>0.70</td><td>Human – OB (2)</td><td></td></th<>	0.61							0.73	0.07	0.77				0.70	Human – OB (2)	
0.95							0.00		1167	0.77			0.8	0.79		
0.77	0.85	0.85	0.69 0.54	0.8	0.7 0.53	0.65 0.55				0.55	0.56	0.56	0.56		Built – Office	
0.97	0.85 0.58	0.85	0.69 0.54 0.64	0.8	0.7 0.53 0.56	0.65 0.55 0.68	0.55	0.55	0.55			0.56			Built – Office Human – Par.	
0.86	0.85 0.58 0.95 0.9	0.85 0.59 0.91 0.96	0.69 0.54 0.64 0.77 0.83	0.8 0.55 0.84 0.87	0.7 0.53 0.56 0.7 0.81	0.65 0.55 0.68 0.67 0.83	0.55 0.95 0.78	0.55 0.85 0.83	0.55 0.71 0.83	0.72 0.85	0.71 0.82	0.9	0.84 0.82	0.56	Built – Office Human – Par. Marine – Plastic (2) Marine – Plastic (5)	
0.95 0.95 0.8 0.9 0.79 0.8 0.79 0.85 0.88 0.84 0.86 0.95 0.87 Human - T1D (2) 0.78 0.88 0.73 0.78 0.64 0.66 0.78 0.78 0.68 0.76 0.74 0.84 0.72 0.77 Marine - Plastic (3)  LEFT ANCON-III correctly beautiful the second of the sec	0.85 0.58 0.95 0.9 0.77 0.97	0.85 0.59 0.91 0.96 0.82 0.97	0.69 0.54 0.64 0.77 0.83 0.65 0.74	0.8 0.55 0.84 0.87 0.62 0.63	0.7 0.53 0.56 0.7 0.81 0.67 0.69	0.65 0.55 0.68 0.67 0.83 0.63 0.91	0.55 0.95 0.78 0.64 0.78	0.55 0.85 0.83 0.78 0.87	0.55 0.71 0.83 0.61 0.95	0.72 0.85 0.67 0.99	0.71 0.82 0.75 0.91	0.9 0.64 0.74	0.84 0.82 0.74 0.78	0.56 0.85 0.64 0.99	Built – Office Human – Par. Marine – Plastic (2) Marine – Plastic (5) River – Plastic Marine – Plastic (1)	
LIDER RINCONNII CORROD DESEGN ENDER LEESE COM LIMINIST MARSLING RASE IN RESOURCE SENT LIEST VAICORON LAIRE INTERPROPRIESE L'HEST VAICORON L'AIRE VAICOR L'AIRE VAICOR L'AIRE VAICOR L'AIRE VAICOR L'AIRE VAICORON L'AIRE VAICOR L'AIRE VAICH L'AIRE VAICOR L	0.85 0.58 0.95 0.9 0.77 0.97 0.84	0.85 0.59 0.91 0.96 0.82 0.97 0.93	0.69 0.54 0.64 0.77 0.83 0.65 0.74 0.64	0.8 0.55 0.84 0.87 0.62 0.63 0.82	0.7 0.53 0.56 0.7 0.81 0.67 0.69 0.77	0.65 0.55 0.68 0.67 0.83 0.63 0.91 0.71 0.82	0.55 0.95 0.78 0.64 0.78 0.81	0.55 0.85 0.83 0.78 0.87 0.8	0.55 0.71 0.83 0.61 0.95 0.72	0.72 0.85 0.67 0.99 0.71	0.71 0.82 0.75 0.91 0.8	0.9 0.64 0.74 0.84	0.84 0.82 0.74 0.78	0.56 0.85 0.64 0.99 0.71	Built – Office Human – Par. Marine – Plastic (2) Marine – Plastic (5) River – Plastic Marine – Plastic (1) Marine – Sediment	
TO, MACOL. COLL. DEST. SQR. TH. OLL LINIA, MSG. ST. Western Lifest Inc. Allico to Ileg.	0.85 0.58 0.95 0.9 0.77 0.97 0.84	0.85 0.59 0.91 0.96 0.82 0.97 0.93	0.69 0.54 0.64 0.77 0.83 0.65 0.74 0.64 0.86	0.8 0.55 0.84 0.87 0.62 0.63 0.82	0.7 0.53 0.56 0.7 0.81 0.67 0.69 0.77	0.65 0.55 0.68 0.67 0.83 0.63 0.91 0.71 0.82 0.8	0.55 0.95 0.78 0.64 0.78 0.81	0.55 0.85 0.83 0.78 0.87 0.8 0.85	0.55 0.71 0.83 0.61 0.95 0.72 0.88	0.72 0.85 0.67 0.99 0.71	0.71 0.82 0.75 0.91 0.8	0.9 0.64 0.74 0.84	0.84 0.82 0.74 0.78 0.81	0.56 0.85 0.64 0.99 0.71	Built – Office Human – Par. Marine – Plastic (2) Marine – Plastic (5) River – Plastic Marine – Plastic (1) Marine – Sediment	
b. Marst. Letade. L'in Micate Micate	0.85 0.58 0.95 0.9 0.77 0.97 0.84	0.85 0.59 0.91 0.96 0.82 0.97 0.93	0.69 0.54 0.64 0.77 0.83 0.65 0.74 0.64 0.86	0.8 0.55 0.84 0.87 0.62 0.63 0.82	0.7 0.53 0.56 0.7 0.81 0.67 0.69 0.77	0.65 0.55 0.68 0.67 0.83 0.63 0.91 0.71 0.82 0.8	0.55 0.95 0.78 0.64 0.78 0.81	0.55 0.85 0.83 0.78 0.87 0.8 0.85	0.55 0.71 0.83 0.61 0.95 0.72 0.88	0.72 0.85 0.67 0.99 0.71	0.71 0.82 0.75 0.91 0.8	0.9 0.64 0.74 0.84	0.84 0.82 0.74 0.78 0.81	0.56 0.85 0.64 0.99 0.71	Built – Office Human – Par. Marine – Plastic (2) Marine – Plastic (5) River – Plastic Marine – Plastic (1) Marine – Sediment	
illuly, so on the the	0.85 0.58 0.95 0.9 0.77 0.97 0.84	0.85 0.59 0.91 0.96 0.82 0.97 0.93	0.69 0.54 0.64 0.77 0.83 0.65 0.74 0.64 0.86	0.8 0.55 0.84 0.87 0.62 0.63 0.82	0.7 0.53 0.56 0.7 0.81 0.67 0.69 0.77	0.65 0.55 0.68 0.67 0.83 0.63 0.91 0.71 0.82 0.8	0.55 0.95 0.78 0.64 0.78 0.81	0.55 0.85 0.83 0.78 0.87 0.8 0.85	0.55 0.71 0.83 0.61 0.95 0.72 0.88	0.72 0.85 0.67 0.99 0.71	0.71 0.82 0.75 0.91 0.8	0.9 0.64 0.74 0.84	0.84 0.82 0.74 0.78 0.81	0.56 0.85 0.64 0.99 0.71	Built – Office Human – Par. Marine – Plastic (2) Marine – Plastic (5) River – Plastic Marine – Plastic (1) Marine – Sediment	
, V,	0.85 0.58 0.95 0.9 0.77 0.97 0.84	0.85 0.59 0.91 0.96 0.82 0.97 0.93	0.69 0.54 0.64 0.77 0.83 0.65 0.74 0.64 0.86	0.8 0.55 0.84 0.87 0.62 0.63 0.82	0.7 0.53 0.56 0.7 0.81 0.67 0.69 0.77	0.65 0.55 0.68 0.67 0.83 0.63 0.91 0.71 0.82 0.8	0.55 0.95 0.78 0.64 0.78 0.81	0.55 0.85 0.83 0.78 0.87 0.8 0.85	0.55 0.71 0.83 0.61 0.95 0.72 0.88	0.72 0.85 0.67 0.99 0.71	0.71 0.82 0.75 0.91 0.8	0.9 0.64 0.74 0.84	0.84 0.82 0.74 0.78 0.81	0.56 0.85 0.64 0.99 0.71	Built – Office Human – Par. Marine – Plastic (2) Marine – Plastic (5) River – Plastic Marine – Plastic (1) Marine – Sediment	
W.	0.85 0.58 0.95 0.9 0.77 0.97 0.84	0.85 0.59 0.91 0.96 0.82 0.97 0.93	0.69 0.54 0.64 0.77 0.83 0.65 0.74 0.64 0.86	0.8 0.55 0.84 0.87 0.62 0.63 0.82	0.7 0.53 0.56 0.7 0.81 0.67 0.69 0.77	0.65 0.55 0.68 0.67 0.83 0.63 0.91 0.71 0.82 0.8	0.55 0.95 0.78 0.64 0.78 0.81	0.55 0.85 0.83 0.78 0.87 0.8 0.85	0.55 0.71 0.83 0.61 0.95 0.72 0.88	0.72 0.85 0.67 0.99 0.71	0.71 0.82 0.75 0.91 0.8	0.9 0.64 0.74 0.84	0.84 0.82 0.74 0.78 0.81	0.56 0.85 0.64 0.99 0.71	Built – Office Human – Par. Marine – Plastic (2) Marine – Plastic (5) River – Plastic Marine – Plastic (1) Marine – Sediment	