Α								ROC s						_	
0.74 0.63	0.75	0.62 0.53	0.64 0.58	0.57 0.54	0.57 0.51	0.51	0.51	0.64	0.64	0.57 0.53	0.65 0.55	0.51 0.5	0.63 0.54	Soil – Fires Freshwater – Arctic	
0.73	0.75	0.63	0.65 0.65	0.58	0.59	0.51	0.51	0.6	0.67 0.62	0.59	0.7	0.68	0.66	Soil – Arctic Human – RA	2
	0.74	0.52		0.52	0.56				0.02					Human – ASD	1
	0.74 0.75	0.74	0.57	0.53	0.64 0.62	0.72	0.68	0.72	0.75	0.68	0.82		0.8	Human – CD (1) Soil – Blueberry	
0.72	0.68 0.84	0.57 0.63	0.64	0.58	0.56	0.52	0.53	0.56	0.6	0.56	0.6	0.53	0.59	Human – C. diff (1) Human – C. diff (2)	0
0.86	0.94	0.72 0.53	0.72 0.59	0.64 0.51	0.61 0.53	0.54 0.58	0.54	0.62	0.65	0.61	0.7	0.54	0.65 0.61	Mouse Facilities (Human – CC (1)	
0.70	0.67	0.58	0.62	0.53	0.56	0.53	0.67		0.57	0.62	0.70	0.7		Human – CC (2)	-1
0.72	0.76 0.73	0.58	0.68	0.56 0.56	0.56	0.61 0.58	0.52	0.56	0.57	0.58	0.76	0.52	0.58	Human – Inf. Mouse – Exercised	-2
0.98	0.96	0.93	0.76	0.67	0.69	0.87	0.69	0.89	0.9	0.75 0.53	0.53	0.5	0.93	Marine – Plastic (4) WWSR – Continents	
0.62	0.65	0.53 0.67	0.57	0.54 0.57	0.52 0.67	0.5	0.5	0.53	0.53	0.53	0.53	0.56	0.53	WWSR - Temp. Human - HIV (1)	
	0.87	0.8	0.8	0.6	0.63	0.84	0.54	0.00	0.57	0.7	0.85			Human – HIV (2)	
	0.68 0.74	0.54 0.66	0.6 0.62	0.53 0.59	0.53 0.58	0.66 0.69	0.51 0.64	0.62 0.64	0.57 0.61	0.59 0.71	0.68 0.52		0.62	Human – HIV (3) Human – CD (2)	
0.86	0.91	0.76 0.78	0.64	0.64	0.67	0.52	0.71	0.86	0.86	0.82	0.9	0.52	0.78	Human – IBD`´ Freshwater – Treat.	
0.62	0.85 0.59	0.68 0.52	0.7 0.55	0.57 0.51	0.65 0.51	0.55 0.53	0.65 0.55	0.57	0.61	0.73 0.58	0.59	0.85 0.59	0.6	Human – ALL Human – OB (1)	
0.02	0.73	0.59		0.53	0.6	0.64		0.07	0.01	0.00	0.00		0.0	Human – OB (2) Human – OB (3)	
	0.69	0.64 0.73	0.59 0.75	0.57	0.58 0.69	0.52	0.52 0.54	0.75				0.52 0.88		Human – OB (4)	
0.6	0.58 0.68	0.53 0.59	0.54 0.65	0.5	0.51	0.5	0.5	0.53	0.53	0.53	0.54	0.57	0.53	Built – Office `´ Human – Par.	
0.93	0.84	0.71 0.83	0.78	0.69 0.75	0.72	0.84	0.53	0.84	0.87	0.79	0.9	0.53 0.81	0.87	Marine – Plastic (2) Marine – Plastic (5) River – Plastic	
0.81	0.8	0.68	0.7	0.59	0.67	0.62	0.53	0.76	0.81	0.58	0.86	0.53	0.81	River – Plastic	
0.92 0.85	0.88	0.77 0.66	0.8 0.82	0.66	0.81 0.67	0.77	0.52 0.55	0.83	0.96 0.67	0.76 0.61	0.89	0.53 0.56	0.96 0.67	Marine – Plastic (1) Marine – Sediment	
	0.89	0.79	0.57	0.54 0.57	0.55 0.75	0.67	0.72	0.82	0.84	0.61 0.81 0.75			0.84	Human – T1D (1) Human – T1D (2)	
0.8	0.89	0.73	0.74	0.61	0.63	0.52	0.52	0.77	0.81	0.75	0.84	0.52	0.85	Marine – Plastic (3)	
DEXI	COMP.II	mob	, seal	older	LISE	THIN	· Unebl	slini	(late)	Soci	(late)	'C/b/	(late)		
by by), (X	V	, ou	1, (4)	Mr. W.	ar elig	'r genc	u, 'ise	er of or	v, coto	6		
•					Mayo	MOOR		Makis	netals	~	Nilco	Nile			
				Ÿ		(O)			ν.						
				C14	-		! All	ID 0 0	-! A <i>(</i>	5 17 -					
B	0.77		Un	Tiitere	n (.I R	meal	Ian Al	IRCH. 9							
0.74		0.68	0.61						sig. AS		0.61	0.70	0.7	Soil Fires	
	0.74	0.68	0.61	0.72 0.63	0.72 0.63	0.79 0.65	0.79 0.65	0.78 0.62	0.77	0.83 0.66	0.61	0.79	0.7	Soil – Fires Freshwater – Arctic	2
0.73		0.62 0.64 0.59		0.72 0.63 0.6 0.57	0.72 0.63 0.61 0.64	0.79	0.79	0.78	0.77	0.83				Freshwater – Arctic Soil – Arctic Human – RA	
	0.74	0.62 0.64	0.66 0.66	0.72 0.63 0.6	0.72 0.63 0.61	0.79 0.65 0.54	0.79 0.65	0.78 0.62 0.61	0.77 0.61 0.68	0.83 0.66	0.6	0.65	0.61	Freshwater – Arctic Soil – Arctic Human – RA Human – ASD Human – CD (1)	2
0.73	0.74 0.75 0.76 0.74	0.62 0.64 0.59 0.57	0.66 0.66 0.65	0.72 0.63 0.6 0.57 0.58 0.64 0.62	0.72 0.63 0.61 0.64 0.55 0.65 0.62	0.79 0.65 0.54 0.61	0.79 0.65 0.54	0.78 0.62 0.61	0.77 0.61 0.68 0.65	0.83 0.66 0.61	0.6 0.71	0.65	0.61 0.67 0.77	Freshwater – Arctic Soil – Arctic Human – RA Human – ASD Human – CD (1) Soil – Blueberry	1
0.73	0.74 0.75 0.76 0.74 0.84 0.83	0.62 0.64 0.59 0.57 0.73 0.9 0.62	0.66 0.65 0.65 0.58 0.68 0.65	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87	0.79 0.65 0.54 0.61 0.72	0.79 0.65 0.54 0.66 0.91 0.64	0.78 0.62 0.61 0.72 0.86	0.77 0.61 0.68 0.65 0.77 0.8	0.83 0.66 0.61 0.68 0.93	0.6 0.71 0.79 0.76	0.65 0.69	0.61 0.67 0.77 0.85	Freshwater – Arctic Soil – Arctic Human – RA Human – ASD Human – CD (1) Soil – Blueberry Human – C. diff (1) Human – C. diff (2)	
0.73	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78	0.66 0.65 0.65 0.58 0.68 0.65 0.79 0.59	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59	0.78 0.62 0.61	0.77 0.61 0.68 0.65	0.83 0.66 0.61 0.68 0.93 0.72 0.59	0.6 0.71	0.65 0.69 0.91	0.61 0.67 0.77	Freshwater – Arctic Soil – Arctic Human – RA Human – ASD Human – CD (1) Soil – Blueberry Human – C. diff (1) Human – C. diff (2) Mouse Facilities	1 0
0.73	0.74 0.75 0.76 0.74 0.84 0.83 0.62 0.68 0.79	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78	0.66 0.65 0.58 0.68 0.65 0.79	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68	0.79 0.65 0.54 0.66 0.91 0.64 0.68	0.78 0.62 0.61 0.72 0.86	0.77 0.61 0.68 0.65 0.77 0.8	0.83 0.66 0.61 0.68 0.93	0.6 0.71 0.79 0.76	0.65 0.69	0.61 0.67 0.77 0.85	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (1) Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – Inf.	1
0.61 0.89	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53	0.66 0.65 0.65 0.58 0.68 0.65 0.79 0.59	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59	0.78 0.62 0.61 0.72 0.86 0.67	0.77 0.61 0.68 0.65 0.77 0.8	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64	0.6 0.71 0.79 0.76 0.78	0.65 0.69 0.91 0.77	0.61 0.67 0.77 0.85 0.7 0.62	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (1) Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – Inf. Mouse – Exercised	1 0
0.61 0.89 0.68 0.97 0.64	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9	0.66 0.65 0.58 0.68 0.65 0.65 0.79 0.65 0.64	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.56 0.86 0.7	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76	0.78 0.62 0.61 0.72 0.86 0.67 0.66 0.72 0.9 0.68	0.77 0.61 0.68 0.65 0.77 0.8 0.69	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.69	0.6 0.71 0.79 0.76 0.78	0.65 0.69 0.91 0.7 0.77 0.8	0.61 0.67 0.77 0.85 0.7 0.62 0.71	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (1) Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents	1 0 -1
0.61 0.89 0.68	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.62 0.79 0.72 0.95 0.71	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72	0.66 0.65 0.65 0.68 0.65 0.79 0.59 0.65 0.64 0.81 0.65 0.58	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.66	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.70 0.54	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81	0.78 0.62 0.61 0.72 0.86 0.67 0.66 0.72	0.77 0.61 0.68 0.65 0.77 0.8 0.69	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.69 0.55	0.6 0.71 0.79 0.76 0.78 0.77	0.65 0.69 0.91 0.7 0.77 0.8	0.61 0.67 0.77 0.85 0.7 0.62 0.71	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (1) Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp.	1 0 -1
0.61 0.89 0.68 0.97 0.64	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58	0.66 0.65 0.58 0.68 0.65 0.79 0.65 0.64 0.81 0.65 0.58 0.71 0.63	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.83	0.72 0.63 0.61 0.64 0.55 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.7 0.56 0.7 0.54	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54	0.78 0.62 0.61 0.72 0.86 0.67 0.66 0.72 0.9 0.68 0.55	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.69 0.55 0.97 0.55	0.6 0.71 0.79 0.76 0.78 0.77 0.53 0.82 0.71	0.65 0.69 0.91 0.7 0.77 0.8	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (1) Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3)	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65	0.66 0.65 0.58 0.68 0.65 0.79 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56 0.57	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.7 0.54 0.79 0.66 0.77	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54	0.78 0.62 0.61 0.72 0.86 0.67 0.66 0.72 0.9 0.68 0.55 0.58 0.6 0.78	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.69 0.55 0.97 0.55 0.69 0.75	0.6 0.71 0.79 0.76 0.78 0.77 0.53 0.82 0.71 0.57	0.65 0.69 0.91 0.7 0.77 0.8	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (1) Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – CD (2) Human – CD (2) Human – CD (2)	1 0 -1
0.61 0.89 0.68 0.97 0.64	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58	0.66 0.65 0.58 0.68 0.65 0.79 0.65 0.65 0.64 0.81 0.65 0.58 0.71 0.63 0.7	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.83	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.7 0.56 0.7 0.54	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54	0.78 0.62 0.61 0.72 0.86 0.67 0.66 0.72 0.9 0.68 0.55 0.58	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.69 0.55 0.97 0.55 0.69	0.6 0.71 0.79 0.76 0.78 0.77 0.53 0.82 0.71	0.65 0.69 0.91 0.7 0.77 0.8	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (1) Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – CD (2) Human – IBD Freshwater – Treat.	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65 0.83 0.86 0.74 0.53	0.66 0.65 0.58 0.68 0.65 0.79 0.59 0.65 0.65 0.65 0.71 0.63 0.7 0.55 0.8	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.62 0.53	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56 0.57 0.75 0.75	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.56 0.70 0.54 0.79 0.66 0.77 0.86 0.77	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54	0.78 0.62 0.61 0.72 0.86 0.67 0.66 0.72 0.9 0.68 0.55 0.58 0.6 0.78	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.69 0.55 0.69 0.75 0.69 0.75 0.69	0.6 0.71 0.79 0.76 0.78 0.77 0.53 0.82 0.71 0.57	0.65 0.69 0.91 0.7 0.77 0.8	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – CD (2) Human – IBD Freshwater – Treat. Human – ALL Human – OB (1)	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63	0.74 0.75 0.76 0.74 0.84 0.83 0.62 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73 0.93 0.89 0.59 0.72 0.72	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65 0.83 0.86 0.74 0.53 0.65 0.72	0.66 0.65 0.58 0.68 0.65 0.65 0.79 0.65 0.64 0.81 0.65 0.71 0.63 0.7 0.55 0.8 0.7 0.55	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.62 0.53 0.54 0.65	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56 0.57 0.56 0.57 0.56 0.57 0.56 0.57	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.56 0.86 0.7 0.54 0.79 0.66 0.77	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54 0.59 0.6 0.79 0.89 0.59 0.57	0.78 0.62 0.61 0.72 0.86 0.67 0.66 0.72 0.9 0.68 0.55 0.58 0.6 0.78 0.81	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78 0.81	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.69 0.55 0.69 0.75 0.69 0.75 0.69	0.6 0.71 0.79 0.76 0.78 0.77 0.53 0.82 0.71 0.57	0.65 0.69 0.91 0.7 0.7 0.8 0.7 0.59	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55 0.58	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – BD Freshwater – Treat. Human – ALL Human – OB (1) Human – OB (2) Human – OB (3)	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73 0.93 0.89 0.59 0.72 0.7 0.83 0.62	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65 0.83 0.86 0.74 0.53 0.63 0.78 0.73	0.66 0.65 0.68 0.68 0.65 0.79 0.65 0.64 0.81 0.65 0.71 0.63 0.7 0.55 0.8 0.7 0.55 0.8 0.7 0.55	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.66 0.61 0.79 0.62 0.53 0.54 0.65 0.68 0.51	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56 0.75 0.75 0.71 0.54 0.63 0.64 0.67 0.51	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.70 0.54 0.79 0.66 0.77 0.86 0.77 0.51	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54 0.59 0.6 0.79 0.89 0.59 0.57 0.70 0.51	0.78 0.62 0.61 0.72 0.86 0.67 0.66 0.72 0.9 0.68 0.55 0.58 0.6 0.78 0.81	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78 0.81	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.69 0.55 0.69 0.75 0.69 0.75 0.69	0.6 0.71 0.79 0.76 0.78 0.77 0.53 0.82 0.71 0.57	0.65 0.69 0.91 0.7 0.77 0.8 0.7 0.59	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55 0.58	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – BD Freshwater – Treat. Human – ALL Human – OB (1) Human – OB (2) Human – OB (3) Human – OB (4) Built – Office	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73 0.93 0.89 0.59 0.72 0.7 0.83 0.62 0.71 0.9	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65 0.83 0.86 0.74 0.53 0.63 0.78	0.66 0.65 0.58 0.68 0.65 0.59 0.59 0.65 0.64 0.81 0.65 0.79 0.58 0.71 0.63 0.7 0.55 0.8 0.7 0.55 0.78	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.62 0.53 0.54 0.65 0.68	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56 0.57 0.56 0.75 0.71 0.66 0.69 0.69	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.56 0.86 0.7 0.54 0.79 0.66 0.77	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54 0.59 0.6 0.79 0.89 0.59 0.57	0.78 0.62 0.61 0.72 0.86 0.67 0.66 0.72 0.9 0.68 0.55 0.58 0.6 0.78 0.81 0.59	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78 0.81	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.69 0.55 0.69 0.75 0.81 0.77 0.59	0.6 0.71 0.79 0.76 0.77 0.77 0.53 0.82 0.71 0.57 0.9	0.65 0.69 0.91 0.7 0.7 0.8 0.7 0.59	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55 0.58 0.78	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – BD Freshwater – Treat. Human – OB (1) Human – OB (2) Human – OB (3) Human – OB (4) Built – Office Human – Par	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63 0.84 0.62	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73 0.93 0.89 0.59 0.72 0.7 0.83 0.62 0.71 0.9	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65 0.83 0.86 0.74 0.53 0.63 0.78 0.73 0.54 0.68 0.76 0.83	0.66 0.65 0.68 0.68 0.65 0.79 0.59 0.65 0.64 0.81 0.65 0.71 0.63 0.7 0.55 0.8 0.7 0.55 0.8 0.7 0.55 0.8 0.7 0.55	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.62 0.53 0.54 0.65 0.65 0.65 0.65 0.68 0.51 0.58	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56 0.71 0.54 0.63 0.64 0.67 0.51 0.57 0.67	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.56 0.70 0.54 0.68 0.77 0.66 0.77 0.66 0.77	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54 0.59 0.6 0.79 0.89 0.59 0.57 0.73 0.77 0.51 0.64 0.81 0.84	0.78 0.62 0.61 0.72 0.86 0.67 0.66 0.72 0.9 0.68 0.55 0.58 0.6 0.78 0.81 0.59 0.72 0.72 0.84	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78 0.81 0.6	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.69 0.55 0.97 0.55 0.69 0.75 0.81 0.77 0.59	0.6 0.71 0.79 0.76 0.78 0.77 0.53 0.82 0.71 0.57 0.9 0.57	0.65 0.69 0.91 0.7 0.7 0.8 0.7 0.59 0.87 0.89 0.62 0.73 0.91 0.59 0.81 0.84	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55 0.58 0.78 0.68	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – BD Freshwater – Treat. Human – OB (1) Human – OB (2) Human – OB (3) Human – OB (4) Built – Office Human – Par	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63 0.84 0.62 0.64 0.95 0.9 0.77 0.98	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73 0.93 0.89 0.59 0.72 0.7 0.83 0.62 0.71 0.90 0.96 0.88 0.98	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.65 0.83 0.86 0.74 0.53 0.63 0.78 0.73 0.54 0.68 0.76 0.83 0.66 0.79	0.66 0.65 0.58 0.68 0.65 0.79 0.59 0.65 0.64 0.65 0.71 0.63 0.7 0.55 0.8 0.7 0.55 0.8 0.7 0.55 0.8 0.7 0.55 0.78 0.78 0.78 0.78 0.78 0.64 0.82 0.87 0.61	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.62 0.53 0.54 0.65 0.65 0.68 0.51 0.58 0.72 0.81 0.73	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56 0.57 0.56 0.75 0.71 0.54 0.63 0.64 0.67 0.51 0.57 0.67 0.82 0.64 0.96	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.56 0.7 0.54 0.79 0.66 0.77 0.86 0.58 0.51 0.66 0.76 0.51 0.52 0.93 0.7 0.8	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54 0.89 0.59 0.57 0.73 0.7 0.51 0.64 0.81 0.84 0.86 0.94	0.78 0.62 0.61 0.72 0.86 0.67 0.66 0.72 0.9 0.68 0.55 0.58 0.6 0.78 0.81 0.59 0.72 0.94 0.99 0.99 0.99 0.99 0.99 0.99 0.	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78 0.81 0.66	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.55 0.69 0.75 0.81 0.77 0.59 0.54 0.67 0.81 0.79 0.97	0.6 0.71 0.79 0.76 0.77 0.77 0.53 0.82 0.71 0.57 0.9 0.57	0.65 0.69 0.91 0.7 0.7 0.8 0.7 0.59 0.87 0.89 0.62 0.73 0.91 0.59 0.81 0.84 0.85 0.93	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55 0.58 0.78 0.66	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – HIV (3) Human – BD Freshwater – Treat. Human – OB (1) Human – OB (2) Human – OB (3) Human – OB (4) Built – Office Human – Plastic (5) River – Plastic Marine – Plastic	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63 0.84 0.62	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73 0.93 0.89 0.59 0.72 0.7 0.83 0.62 0.71 0.9 0.96 0.8 0.99 0.99	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65 0.74 0.53 0.63 0.74 0.53 0.66 0.77 0.83 0.66 0.79 0.67	0.66 0.65 0.68 0.68 0.65 0.79 0.59 0.65 0.64 0.81 0.65 0.78 0.71 0.63 0.7 0.55 0.8 0.7 0.55 0.8 0.7 0.55 0.8 0.7 0.55	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.62 0.53 0.54 0.65 0.68 0.51 0.58 0.72 0.81 0.73 0.74 0.68 0.53	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56 0.75 0.71 0.54 0.63 0.64 0.67 0.51 0.57 0.67 0.82 0.64 0.96 0.66 0.55	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.56 0.86 0.7 0.54 0.79 0.66 0.77 0.86 0.58 0.51 0.66 0.76 0.51 0.52 0.93 0.7 0.88 0.95 0.87	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54 0.89 0.59 0.57 0.73 0.7 0.51 0.64 0.81 0.84 0.86 0.94 0.87	0.78 0.62 0.61 0.72 0.86 0.67 0.66 0.72 0.9 0.68 0.55 0.58 0.6 0.78 0.81 0.59 0.72 0.94 0.65 0.98 0.72	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78 0.81 0.66	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.55 0.69 0.75 0.81 0.77 0.59 0.54 0.67 0.81 0.79 0.97	0.6 0.71 0.79 0.76 0.78 0.77 0.53 0.82 0.71 0.57 0.9 0.57	0.65 0.69 0.91 0.7 0.77 0.8 0.7 0.59 0.87 0.89 0.62 0.73 0.91 0.59 0.81 0.84 0.85	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55 0.58 0.78 0.66	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – BD Freshwater – Treat. Human – OB (1) Human – OB (2) Human – OB (3) Human – OB (4) Built – Office Human – Plastic (5) River – Plastic Marine – Plastic (1) Marine – Sediment Human – Sediment Human – Sediment	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63 0.84 0.62 0.64 0.95 0.9 0.77 0.98 0.85	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73 0.93 0.89 0.59 0.72 0.7 0.83 0.62 0.71 0.9 0.96 0.8 0.98 0.995	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65 0.83 0.66 0.74 0.53 0.63 0.76 0.83 0.66 0.79 0.67	0.66 0.65 0.68 0.68 0.65 0.69 0.69 0.69 0.69 0.69 0.69 0.69 0.61 0.63 0.7 0.55 0.70 0.7 0.55 0.70 0.7 0.55 0.70 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.62 0.53 0.54 0.65 0.66 0.61 0.79 0.62 0.53 0.54 0.65 0.68 0.51 0.58 0.72 0.81 0.73 0.74 0.68 0.53 0.69	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56 0.71 0.54 0.63 0.64 0.67 0.51 0.57 0.67 0.82 0.64 0.96 0.66 0.55 0.78	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.70 0.54 0.66 0.77 0.66 0.77 0.66 0.77 0.66 0.76 0.51 0.62 0.93 0.7 0.8 0.95 0.87	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54 0.59 0.6 0.79 0.89 0.59 0.57 0.73 0.77 0.51 0.64 0.81 0.84 0.86 0.94 0.87	0.78 0.62 0.61 0.72 0.86 0.67 0.68 0.72 0.9 0.68 0.55 0.58 0.6 0.78 0.81 0.72 0.9 0.84 0.65 0.98 0.72	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78 0.81 0.6 0.86 0.78 0.99 0.66	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.69 0.55 0.69 0.75 0.81 0.77 0.59 0.54	0.6 0.71 0.79 0.76 0.77 0.7 0.53 0.82 0.71 0.57 0.9 0.57	0.65 0.69 0.91 0.7 0.8 0.7 0.89 0.62 0.73 0.91 0.59 0.81 0.84 0.85 0.93 0.87	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55 0.58 0.78 0.66	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – BD Freshwater – Treat. Human – OB (1) Human – OB (2) Human – OB (3) Human – OB (4) Built – Office Human – Plastic (5) River – Plastic Marine – Plastic (1) Marine – Sediment Human – Sediment Human – Sediment	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63 0.84 0.62 0.64 0.95 0.9 0.77 0.98 0.85	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73 0.93 0.89 0.59 0.72 0.7 0.83 0.62 0.71 0.9 0.96 0.8 0.98 0.995	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65 0.83 0.66 0.74 0.53 0.63 0.76 0.83 0.66 0.79 0.67	0.66 0.65 0.68 0.68 0.65 0.69 0.69 0.69 0.69 0.69 0.69 0.69 0.61 0.63 0.7 0.55 0.70 0.7 0.55 0.70 0.7 0.55 0.70 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.62 0.53 0.54 0.65 0.66 0.61 0.79 0.62 0.53 0.54 0.65 0.68 0.51 0.58 0.72 0.81 0.73 0.74 0.68 0.53 0.69	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56 0.71 0.54 0.63 0.64 0.67 0.51 0.57 0.67 0.82 0.64 0.96 0.66 0.55 0.78	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.70 0.54 0.66 0.77 0.66 0.77 0.66 0.77 0.66 0.76 0.51 0.62 0.93 0.7 0.8 0.95 0.87	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54 0.59 0.6 0.79 0.89 0.59 0.57 0.73 0.77 0.51 0.64 0.81 0.84 0.86 0.94 0.87	0.78 0.62 0.61 0.72 0.86 0.67 0.68 0.72 0.9 0.68 0.55 0.58 0.6 0.78 0.81 0.72 0.9 0.84 0.65 0.98 0.72	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78 0.81 0.6 0.86 0.78 0.99 0.66	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.69 0.55 0.69 0.75 0.81 0.77 0.59 0.54	0.6 0.71 0.79 0.76 0.77 0.7 0.53 0.82 0.71 0.57 0.9 0.57	0.65 0.69 0.91 0.7 0.8 0.7 0.89 0.62 0.73 0.91 0.59 0.81 0.84 0.85 0.93 0.87	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55 0.58 0.78 0.66	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – BD Freshwater – Treat. Human – OB (2) Human – OB (1) Human – OB (3) Human – OB (3) Human – OB (4) Built – Office Human – Plastic (5) Marine – Plastic Marine – Plastic (1) Marine – Sediment	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63 0.84 0.62 0.64 0.95 0.9 0.77 0.98 0.85	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73 0.93 0.89 0.59 0.72 0.7 0.83 0.62 0.71 0.9 0.96 0.8 0.98 0.995	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65 0.83 0.66 0.74 0.53 0.63 0.76 0.83 0.66 0.79 0.67	0.66 0.65 0.68 0.68 0.65 0.69 0.69 0.69 0.69 0.69 0.69 0.69 0.61 0.63 0.7 0.55 0.70 0.7 0.55 0.70 0.7 0.55 0.70 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.62 0.53 0.54 0.65 0.66 0.61 0.79 0.62 0.53 0.54 0.65 0.68 0.51 0.58 0.72 0.81 0.73 0.74 0.68 0.53 0.69	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.83 0.56 0.71 0.54 0.63 0.64 0.67 0.51 0.57 0.67 0.82 0.64 0.96 0.66 0.55 0.78	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.70 0.54 0.66 0.77 0.66 0.77 0.66 0.77 0.66 0.76 0.51 0.62 0.93 0.7 0.8 0.95 0.87	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54 0.59 0.6 0.79 0.89 0.59 0.57 0.73 0.77 0.51 0.64 0.81 0.84 0.86 0.94 0.87	0.78 0.62 0.61 0.72 0.86 0.67 0.68 0.72 0.9 0.68 0.55 0.58 0.6 0.78 0.81 0.72 0.9 0.84 0.65 0.98 0.72	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78 0.81 0.6 0.86 0.78 0.99 0.66	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.69 0.55 0.69 0.75 0.81 0.77 0.59 0.54	0.6 0.71 0.79 0.76 0.77 0.7 0.53 0.82 0.71 0.57 0.9 0.57	0.65 0.69 0.91 0.7 0.8 0.7 0.89 0.62 0.73 0.91 0.59 0.81 0.84 0.85 0.93 0.87	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55 0.58 0.78 0.66	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – BD Freshwater – Treat. Human – OB (1) Human – OB (2) Human – OB (3) Human – OB (4) Built – Office Human – Plastic (5) River – Plastic Marine – Plastic (1) Marine – Sediment Human – Sediment Human – Sediment	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63 0.84 0.62 0.64 0.95 0.9 0.77 0.98 0.85	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73 0.93 0.89 0.59 0.72 0.7 0.83 0.62 0.71 0.9 0.96 0.85 0.62 0.71 0.9 0.90 0.90 0.90	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65 0.83 0.66 0.74 0.53 0.63 0.76 0.83 0.66 0.79 0.67	0.66 0.65 0.68 0.68 0.65 0.69 0.69 0.69 0.69 0.69 0.69 0.69 0.61 0.63 0.7 0.55 0.70 0.7 0.55 0.70 0.7 0.55 0.70 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.62 0.53 0.54 0.65 0.66 0.61 0.79 0.62 0.53 0.54 0.65 0.68 0.51 0.58 0.72 0.81 0.73 0.74 0.68 0.53 0.69	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.54 0.63 0.64 0.67 0.51 0.57 0.66 0.69 0.55 0.71 0.54 0.63 0.64 0.67	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.70 0.54 0.66 0.77 0.66 0.77 0.66 0.77 0.66 0.76 0.51 0.62 0.93 0.7 0.8 0.95 0.87	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54 0.59 0.6 0.79 0.89 0.59 0.57 0.73 0.77 0.51 0.64 0.81 0.84 0.86 0.94 0.87	0.78 0.62 0.61 0.72 0.86 0.67 0.68 0.72 0.9 0.68 0.55 0.58 0.6 0.78 0.81 0.72 0.9 0.84 0.65 0.98 0.72	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78 0.81 0.6 0.86 0.78 0.99 0.66	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.69 0.55 0.69 0.75 0.81 0.77 0.59 0.54	0.6 0.71 0.79 0.76 0.77 0.7 0.53 0.82 0.71 0.57 0.9 0.57	0.65 0.69 0.91 0.7 0.8 0.7 0.89 0.62 0.73 0.91 0.59 0.81 0.84 0.85 0.93 0.87	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55 0.58 0.78 0.66	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – BD Freshwater – Treat. Human – OB (1) Human – OB (2) Human – OB (3) Human – OB (4) Built – Office Human – Plastic (5) River – Plastic Marine – Plastic (1) Marine – Sediment Human – Sediment Human – Sediment	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63 0.84 0.62 0.64 0.95 0.9 0.77 0.98 0.85	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73 0.93 0.89 0.59 0.72 0.7 0.83 0.62 0.71 0.9 0.96 0.8 0.98 0.995	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65 0.83 0.66 0.74 0.53 0.63 0.76 0.83 0.66 0.79 0.67	0.66 0.65 0.68 0.68 0.65 0.69 0.69 0.69 0.69 0.69 0.69 0.69 0.61 0.63 0.7 0.55 0.70 0.7 0.55 0.70 0.7 0.55 0.70 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.62 0.53 0.54 0.65 0.66 0.61 0.79 0.62 0.53 0.54 0.65 0.68 0.51 0.58 0.72 0.81 0.73 0.74 0.68 0.53 0.69	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.54 0.63 0.64 0.67 0.51 0.57 0.66 0.69 0.55 0.71 0.54 0.63 0.64 0.67	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.70 0.54 0.66 0.77 0.66 0.77 0.66 0.77 0.66 0.76 0.51 0.62 0.93 0.7 0.8 0.95 0.87	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54 0.59 0.6 0.79 0.89 0.59 0.57 0.73 0.77 0.51 0.64 0.81 0.84 0.86 0.94 0.87	0.78 0.62 0.61 0.72 0.86 0.67 0.68 0.72 0.9 0.68 0.55 0.58 0.6 0.78 0.81 0.72 0.9 0.84 0.65 0.98 0.72	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78 0.81 0.6 0.86 0.78 0.99 0.66	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.69 0.55 0.69 0.75 0.81 0.77 0.59 0.54	0.6 0.71 0.79 0.76 0.77 0.7 0.53 0.82 0.71 0.57 0.9 0.57	0.65 0.69 0.91 0.7 0.8 0.7 0.89 0.62 0.73 0.91 0.59 0.81 0.84 0.85 0.93 0.87	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55 0.58 0.78 0.66	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – BD Freshwater – Treat. Human – OB (1) Human – OB (2) Human – OB (3) Human – OB (4) Built – Office Human – Plastic (5) River – Plastic Marine – Plastic (1) Marine – Sediment Human – Sediment Human – Sediment	1 0 -1
0.61 0.89 0.68 0.97 0.64 0.63 0.84 0.62 0.64 0.95 0.9 0.77 0.98 0.85	0.74 0.75 0.76 0.74 0.84 0.83 0.96 0.62 0.68 0.79 0.72 0.95 0.71 0.66 0.85 0.67 0.73 0.93 0.89 0.59 0.72 0.7 0.83 0.62 0.71 0.9 0.96 0.8 0.98 0.995	0.62 0.64 0.59 0.57 0.73 0.9 0.62 0.78 0.53 0.59 0.71 0.9 0.68 0.55 0.72 0.84 0.58 0.65 0.83 0.66 0.74 0.53 0.63 0.76 0.83 0.66 0.79 0.67	0.66 0.65 0.68 0.68 0.65 0.69 0.69 0.69 0.69 0.69 0.69 0.69 0.61 0.63 0.7 0.55 0.70 0.7 0.55 0.70 0.7 0.55 0.70 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.	0.72 0.63 0.6 0.57 0.58 0.64 0.62 0.83 0.61 0.73 0.52 0.54 0.72 0.59 0.66 0.67 0.55 0.62 0.8 0.61 0.79 0.62 0.53 0.54 0.65 0.66 0.61 0.79 0.62 0.53 0.54 0.65 0.68 0.51 0.58 0.72 0.81 0.73 0.74 0.68 0.53 0.69	0.72 0.63 0.61 0.64 0.55 0.65 0.62 0.87 0.63 0.64 0.53 0.57 0.73 0.61 0.66 0.69 0.55 0.71 0.54 0.63 0.64 0.67 0.51 0.57 0.66 0.69 0.55 0.71 0.54 0.63 0.64 0.67	0.79 0.65 0.54 0.61 0.72 0.93 0.65 0.59 0.54 0.68 0.70 0.54 0.66 0.77 0.66 0.77 0.66 0.77 0.66 0.76 0.51 0.62 0.93 0.7 0.8 0.95 0.87	0.79 0.65 0.54 0.66 0.91 0.64 0.68 0.59 0.7 0.81 0.76 0.7 0.54 0.59 0.6 0.79 0.89 0.59 0.57 0.73 0.77 0.51 0.64 0.81 0.84 0.86 0.94 0.87	0.78 0.62 0.61 0.72 0.86 0.67 0.68 0.72 0.9 0.68 0.55 0.58 0.6 0.78 0.81 0.72 0.9 0.84 0.65 0.98 0.72	0.77 0.61 0.68 0.65 0.77 0.8 0.69 0.71 0.9 0.68 0.55 0.51 0.58 0.78 0.81 0.6 0.86 0.78 0.99 0.66	0.83 0.66 0.61 0.68 0.93 0.72 0.59 0.64 0.72 0.72 0.69 0.55 0.69 0.75 0.81 0.77 0.59 0.54	0.6 0.71 0.79 0.76 0.77 0.7 0.53 0.82 0.71 0.57 0.9 0.57	0.65 0.69 0.91 0.7 0.8 0.7 0.89 0.62 0.73 0.91 0.59 0.81 0.84 0.85 0.93 0.87	0.61 0.67 0.77 0.85 0.7 0.62 0.71 0.91 0.68 0.55 0.58 0.78 0.66	Freshwater – Arctic Soil – Arctic Human – RA Human – CD (1) Soil – Blueberry Human – C. diff (2) Mouse Facilities Human – CC (1) Human – CC (2) Human – CC (2) Human – Inf. Mouse – Exercised Marine – Plastic (4) WWSR – Continents WWSR – Temp. Human – HIV (1) Human – HIV (2) Human – HIV (3) Human – BD Freshwater – Treat. Human – OB (1) Human – OB (2) Human – OB (3) Human – OB (4) Built – Office Human – Plastic (5) River – Plastic Marine – Plastic (1) Marine – Sediment Human – Sediment Human – Sediment	1 0 -1