

SUPPLEMENTARY MATERIAL SM 2 TO:

Woźniak, P., Halamski, A. T. & Racki, G., 2022. Cyclic ecological replacement of brachiopod assemblages in the top-Eifelian Dobruchna Brachiopod Shale Member (Skały Formation) of the Holy Cross Mountains (Poland). *Annales Societatis Geologorum Poloniae*, 92: 445–464. <https://doi.org/10.14241/asgp.2022.13>

PEARSON CORRELATION MATRIX FOR SAMPLE BRACHIOPOD CONTENT

Samples	XIV/1	XIV/2	XIV/3	XIV/4	XIV/5	XIV/6	XIV/7/1	XIV/7/2	XIV/ 9/1	XIV/ 9/2	XV/3
XIV/1	0	0.013887	0.40939	0.59089	0.4536	0.84648	0.00003391	0.55397	0.13117	0.58694	0.075674
XIV/2	0.49516	0	9.97E-10	0.00000003	0.52289	0.0049132	0.00005357	0.00000003	0.000000058	0.0000001	0.011974
XIV/3	0.17649	0.90705	0	1.1286E-21	0.35735	0.00084663	0.0011036	2.6921E-15	3.92E-11	1.55E-17	0.036608
XIV/4	0.11552	0.87163	0.99265	0	0.25565	0.00085931	0.0022099	1.5939E-18	0.0000000001	2.19E-17	0.054865
XIV/5	-0.16055	0.13712	0.19653	0.24147	0	0.0015273	0.94955	0.1539	0.40973	0.37184	0.77614
XIV/6	0.041732	0.55462	0.63551	0.63491	0.61067	0	0.031628	0.00044522	0.00012927	0.00020148	0.36941
XIV/7/1	0.74142	0.72888	0.62461	0.59401	-0.013643	0.43954	0	0.0012535	0.0000014747	0.00069994	0.0014399
XIV/7/2	0.1271	0.87175	0.97182	0.98574	0.30032	0.66035	0.61922	0	3.02E-11	2.77E-15	0.051916
XIV/9/1	0.31704	0.86289	0.93147	0.92404	0.17636	0.70257	0.81174	0.93313	0	1.10E-13	0.018818
XIV/9/2	0.11675	0.85568	0.98244	0.98188	0.19079	0.68819	0.64309	0.97175	0.96034	0	0.030785
XV/3	0.36937	0.5043	0.42868	0.39683	-0.061258	0.19175	0.61325	0.40134	0.47563	0.44151	0

Positive correlation

rs > 0.51 p > 0.01

rs > 0.4 p > 0.05

