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Supplement of

Evaluation of hierarchical agglomerative cluster analysis methods for discrimination of primary biological aerosol

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Table S1. BEACHON-RoMBAS Ward linkage cluster solution centers for range and z -score normalisation, showing typical average UV FL1-3 channel intensities, average optical diameter, D_0 (μm), asymmetry factor, AF, and associated standard deviations within each cluster.

Range Normalisation	R_1	R_2	R_3	R_4	R_5
FL1 (280 nm)	6.7 ± 42.5	17.4 ± 58.0	38.1 ± 123.0	1079.0 ± 392.0	3.7 ± 23.6
FL2 (280 nm)	7.2 ± 22.4	387.3 ± 180.0	22.0 ± 58.2	97.0 ± 117.2	44.3 ± 77.0
FL2 370 (370 nm)	72.0 ± 78.2	1184.0 ± 307.0	158.9 ± 168.3	205.5 ± 273.1	218.4 ± 231.5
D_0 (μm)	1.2 ± 0.3	4.2 ± 2.4	5.5 ± 2.1	3.3 ± 1.8	2.3 ± 0.6
AF (a.u.)	16.5 ± 8.3	22.7 ± 14.4	30.1 ± 14.3	24.3 ± 14.0	21.0 ± 13.4
z -score Normalisation	Z_1	Z_2	Z_3	Z_4	-
FL1 (280 nm)	974.1 ± 443.8	8.2 ± 53.4	4.6 ± 30.0	20.7 ± 86.6	-
FL2 (280 nm)	58.3 ± 103.7	12.7 ± 28.2	15.0 ± 34.1	253.7 ± 160.4	-
FL2 370 (370 nm)	188.0 ± 243.8	113.3 ± 125.2	121.0 ± 130.0	800.0 ± 363.2	-
D_0 (μm)	3.7 ± 1.9	1.8 ± 0.7	4.0 ± 2.3	3.4 ± 2.1	-
AF (a.u.)	26.3 ± 14.8	14.6 ± 6.0	32.6 ± 13.7	19.3 ± 13.0	-