**SUPPLEMENTAL INFORMATION**

**Profile and morphology of fungal aerosols characterized by field emission scanning electron microscopy (FESEM)**

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**Table S1**: Distribution models for *A. fumigatus. A. versicolor* and *P. chrysogenum.* CLR mixed effect regression stratified by airflows and with generator particle types as fixed effects and repeated experiments as random effect. CLR: centered log ratio.

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| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | *A. fumigatus* | | | | | | | | | |  | SPG versus FSSST | | | | | | | | |  | Flow =12Lmin-1 | | |  | Flow =20 Lmin-1 | | | | |  | B | SE | P-value |  | B | SE | P-value | | | Intercept | -0.65 | 0.63 | 0.3 |  | -2.69 | 0.62 | | **<0.001** | | Particles |  | | | | | | | | | LF1 | reference | | | | | | | | | LF2 | 0.77 | 0.88 | 0.4 |  | 0.46 | 0.88 | | 0.6 | | LF3 | 0.00 | 0.88 | 1.0 |  | 0.23 | 0.88 | | 0.8 | | SF | 0.00 | 0.88 | 1.0 |  | 4.04 | 0.88 | | **<0.001** | | S1 | 1.35 | 0.88 | 0.1 |  | 5.94 | 0.88 | | **<0.001** | | S2 | 2.76 | 0.88 | **0.002** |  | 4.35 | 0.88 | | **<0.001** | | S3 | 0.00 | 0.88 | 1 |  | 3.36 | 0.88 | | **<0.001** | | S4 | 0.00 | 0.88 | 1 |  | 3.46 | 0.88 | | **0.005** | | S5+ | 0.99 | 0.88 | 0.30 |  | 3.34 | 0.88 | | **<0.001** | |  |  |  |  |  |  |  | |  | | Interaction |  | | | | | | | | | SPG×LF1 | -1.73 | 0.88 | 0.05 |  | 1.47 | 0.88 | | 0.1 | | SPG×LF2 | -1.73 | 0.88 | 0.05 |  | 0.20 | 0.88 | | 0.8 | | SPG×LF3 | 0.75 | 0.88 | 0.4 |  | -0.56 | 0.88 | | 0.5 | | SPG×SF | 2.90 | 0.88 | **0.001** |  | -1.67 | 0.88 | | 0.06 | | SPG×S1 | 2.00 | 0.88 | 0.02 |  | -0.36 | 0.88 | | 0.7 | | SPG×S2 | -1.00 | 0.88 | 0.3 |  | -0.32 | 0.88 | | 0.7 | | SPG×S3 | -0.02 | 0.88 | 1.0 |  | 0.05 | 0.88 | | 1.0 | | SPG×S4 | -0.12 | 0.88 | 0.9 |  | 0.46 | 0.88 | | 0.6 | | SPG×S5+ | -1.06 | 0.88 | 0.2 |  | 0.73 | 0.88 | | 0.4 | |  |  |  |  |  |  |  | |  | | LR test |  |  |  |  |  |  | |  | | df | 8 |  |  |  | 8 |  | |  | | Chi2 | **0.005** | | |  | 0.5 | | | | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | *A. versicolor* | | | | | | | | |  | SPG versus FSSST | | | | | | | |  | Flow =12 Lmin-1 | | |  | Flow =20 Lmin-1 | | | |  | B | SE | P |  | B | SE | P-value | |  | 0.73 | 0.50 | 0.1 |  | -0.61 | 0.47 | 0.2 | |  | reference | | | | | | | |  | 0.58 | 0.70 | 0.4 |  | 0.00 | 0.67 | 1 | |  | 0.66 | 0.70 | 0.3 |  | 0.00 | 0.67 | 1 | |  | 3.03 | 0.70 | **<0.001** |  | 2.57 | 0.67 | **<0.001** | |  | -2.32 | 0.70 | **0.001** |  | 0.63 | 0.67 | 0.3 | |  | -2.32 | 0.70 | **0.001** |  | 0.40 | 0.67 | 0.5 | |  | -2.32 | 0.70 | **0.001** |  | 0.94 | 0.67 | 0.2 | |  | -2.32 | 0.70 | **0.001** |  | -0.60 | 0.67 | 0.4 | |  | -1.55 | 0.70 | 0.03 |  | 1.54 | 0.67 | 0.02 | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  | 0.24 | 0.70 | 0.7 |  | -1.14 | 0.67 | 0.09 | |  | 0.96 | 0.70 | 0.2 |  | -2.21 | 0.67 | **0.001** | |  | -1.64 | 0.70 | 0.02 |  | -1.21 | 0.67 | 0.07 | |  | -3.37 | 0.70 | **<0.001** |  | -0.29 | 0.67 | 0.7 | |  | 1.57 | 0.70 | 0.03 |  | 1.28 | 0.67 | 0.06 | |  | 1.20 | 0.70 | 0.09 |  | 1.56 | 0.67 | 0.02 | |  | -0.34 | 0.70 | 0.6 |  | 0.11 | 0.67 | 0.9 | |  | 0.43 | 0.70 | 0.5 |  | 1.13 | 0.67 | 0.09 | |  | 0.95 | 0.70 | 0.2 |  | 0.79 | 0.67 | 0.2 | |  |  |  |  |  |  |  |  | |  |  | | |  |  | | | |  | 8 | | |  | 8 | | | |  | **<0.001** | | |  | **0.002** | | | | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | *P. chrysogenum* | | | | | | | | | |  | SPG versus FSSST | | | | | | | | |  | Flow =12 Lmin-1 | | |  | Flow =20 Lmin-1 | | | | |  | B | SE | P |  | B | SE | P-value | | |  | 0.57 | 0.41 | 0.2 |  | -0.31 | 0.42 | | 0.5 | |  | reference | | | | | | | | |  | -1.34 | 0.58 | 0.02 |  | 0.00 | 0.59 | | 1 | |  | -0.81 | 0.58 | 0.2 |  | 1.23 | 0.59 | | 0.04 | |  | 3.76 | 0.58 | **<0.001** |  | 0.00 | 0.59 | | 1 | |  | -1.34 | 0.58 | 0.02 |  | 0.77 | 0.59 | | 0.2 | |  | -1.34 | 0.58 | 0.02 |  | 0.00 | 0.59 | | 1 | |  | -1.34 | 0.58 | 0.02 |  | 0.00 | 0.59 | | 1 | |  | -1.34 | 0.58 | 0.02 |  | 0.00 | 0.59 | | 1 | |  | -1.34 | 0.58 | 0.02 |  | 0.77 | 0.59 | | 0.2 | |  |  |  |  |  |  |  | |  | |  |  |  |  |  |  |  | |  | |  | -0.66 | 0.58 | 0.3 |  | -0.53 | 0.59 | | 0.4 | |  | -0.08 | 0.58 | 0.9 |  | 0.78 | 0.59 | | 0.2 | |  | -0.62 | 0.58 | 0.3 |  | 1.33 | 0.59 | | 0.03 | |  | -1.57 | 0.58 | **0.007** |  | 1.81 | 0.59 | | **0.002** | |  | 2.44 | 0.58 | ***<0.*001** |  | -0.14 | 0.59 | | 0.8 | |  | 0.23 | 0.58 | 0.7 |  | -0.51 | 0.59 | | 0.4 | |  | 0.23 | 0.58 | 0.7 |  | -0.48 | 0.59 | | 0.4 | |  | -0.54 | 0.58 | 0.4 |  | -1.41 | 0.59 | | 0.02 | |  | 0.57 | 0.58 | 0.3 |  | -0.88 | 0.59 | | 0.2 | |  |  |  |  |  |  |  | |  | |  |  |  |  |  |  |  | |  | |  | 8 |  |  |  | 8 |  | |  | |  | **0.003** |  |  |  | **0.007** |  | |  | |

B: regression coefficient. SE: standard error. P-values: significant values in bold. df: degree of freedom. LR: likelihood ratio test. S1: Single spores; Aggregates of 2 (S2), 3 (S3), 4 (S4), ≥5 (S5) spores. SF: Submicronic fragments, LF1: 1-2µm fragments, LF2: 2-3.5µm fragments and LF3: ≥3.5µm fragments.

**Table S2**: Distribution models for *A. fumigatus. A. versicolor* and *P. chrysogenum.* CLR mixed effect regression stratified by generators with airflow and particle types as fixed effects and repeated experiments as random effect. CLR: centered log ratio.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | *A. fumigatus* | | | | | | | | | | | | | |  | 12Lmin-1 versus 20Lmin-1 | | | | | | | | | | | | |  | Generator =SPG | | | | |  | | Generator =FSSST | | | | | |  | B | | SE | | P |  | | B | SE | P-value | | | | Intercept  Particles | -2.38 | 0.59 | | **<0.001** | |  | | -0.65 | 0.66 | | | 0.3 | | LF1 | reference | | | | | | | | | | | | | LF2 | 0.77 | 0.83 | | 0.3 | | |  | 0.77 | 0.93 | | 0.4 | | | LF3 | 2.48 | 0.83 | | **0.003** | | |  | 0.00 | 0.93 | | 1 | | | SF | 4.63 | 0.83 | | **<0.001** | | |  | 0.00 | 0.93 | | 1 | | | S1 | 5.08 | 0.83 | | **<0.001** | | |  | 1.35 | 0.93 | | 0.1 | | | S2 | 3.49 | 0.83 | | **<0.001** | | |  | 2.76 | 0.93 | | **0.003** | | | S3 | 1.71 | 0.83 | | 0.04 | | |  | 0.00 | 0.93 | | 1 | | | S4 | 1.61 | 0.83 | | 0.05 | | |  | 0.00 | 0.93 | | 1 | | | S5+ | 1.67 | 0.83 | | 0.05 | | |  | 0.99 | 0.93 | | 0.3 | | |  |  |  | |  | | |  |  |  | |  | | | Interaction |  |  | |  | | |  |  |  | |  | | | 20 Lmin-1×LF1 | 1.17 | 0.83 | | 0.2 | |  | | -2.03 | 0.93 | | 0.03 | | | 20 Lmin-1×LF2 | -0.41 | 0.83 | | 0.6 | |  | | -2.34 | 0.93 | | 0.012 | | | 20 Lmin-1×LF3 | -3.12 | 0.83 | | **<0.001** | |  | | -1.80 | 0.93 | | 0.05 | | | 20 Lmin-1×SF | -2.56 | 0.83 | | **0.002** | |  | | 2.00 | 0.93 | | 0.03 | | | 20 Lmin-1×S1 | 0.19 | 0.83 | | 0.8 | |  | | 2.56 | 0.93 | | 0.006 | | | 20 Lmin-1×S2 | 0.24 | 0.83 | | 0.8 | |  | | -0.45 | 0.93 | | 0.6 | | | 20 Lmin-1×S3 | 1.40 | 0.83 | | 0.09 | |  | | 1.33 | 0.93 | | 0.2 | | | 20 Lmin-1×S4 | 1.01 | 0.83 | | 0.2 | |  | | 0.43 | 0.93 | | 0.6 | | | 20 Lmin-1×S5+ | 2.09 | 0.83 | | **0.012** | |  | | 0.30 | 0.93 | | 0.7 | | |  |  |  | |  | |  | |  |  | |  | | | LR test |  |  | |  | |  | |  |  | |  | | | df | 8 |  | |  | |  | | 8 |  | |  | | | Chi2 | **<0.001** | | | | |  | | **0.003** | | | | | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | *A. versicolor* | | | | | | | | | 12Lmin-1 versus 20Lmin-1 | | | | | | | | | Generator =SPG | | |  | Generator =FSSST | | | | | B | SE | P |  | B | SE | P-value | | | 0.97 | 0.49 | 0.05 |  | 0.73 | 0.47 | | 0.1 | | reference | | | | | | | | | 1.30 | 0.70 | 0.06 |  | 0.58 | 0.67 | | 0.4 | | -1.23 | 0.70 | 0.08 |  | 0.66 | 0.67 | | 0.3 | | -0.58 | 0.70 | 0.4 |  | 3.03 | 0.67 | | **<0.001** | | -0.99 | 0.70 | 0.2 |  | -2.32 | 0.67 | | **0.001** | | -1.36 | 0.70 | 0.05 |  | -2.31 | 0.67 | | **0.001** | | -2.90 | 0.70 | **<0.001** |  | -2.31 | 0.67 | | **0.001** | | -2.13 | 0.70 | **0.002** |  | -2.31 | 0.67 | | **0.001** | | -0.84 | 0.70 | 0.2 |  | -1.55 | 0.67 | | 0.02 | |  | | | | | | | | |  | | | | | | | | | -2.72 | 0.70 | **<0.001** |  | -1.34 | 0.67 | | 0.05 | | -5.10 | 0.70 | **<0.001** |  | -1.92 | 0.67 | | **0.004** | | -1.56 | 0.70 | **0.03** |  | -1.99 | 0.67 | | **0.003** | | 1.28 | 0.70 | 0.07 |  | -1.80 | 0.67 | | **0.007** | | 1.33 | 0.70 | 0.06 |  | 1.61 | 0.67 | | **0.016** | | 1.73 | 0.70 | **0.013** |  | 1.38 | 0.67 | | 0.04 | | 2.37 | 0.70 | **0.001** |  | 1.92 | 0.67 | | **0.004** | | 1.08 | 0.70 | 0.1 |  | 0.38 | 0.67 | | 0.6 | | 1.59 | 0.70 | **0.02** |  | 1.75 | 0.67 | | **0.009** | |  |  |  |  |  |  | |  | |  |  |  |  |  |  | |  | | 8 | | |  | 8 | | | | | **<0.001** | | |  | **<0.001** | | | | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | *P. chrysogenum* | | | | | | | | 12 Lmin-1 versus 20 Lmin-1 | | | | | | | | Generator =SPG | | |  | Generator =FSSST | | | | B | SE | P |  | B | SE | P-value | | -0.09 | 0.48 | 0.9 |  | 0.57 | 0.33 | 0.09 | | reference | | | | | | | | -0.77 | 0.68 | 0.3 |  | -1.34 | 0.47 | **0.004** | | -0.77 | 0.68 | 0.3 |  | -0.81 | 0.47 | 0.09 | | 2.85 | 0.68 | **<0.001** |  | 3.76 | 0.47 | **<0.001** | | 1.75 | 0.68 | 0.010 |  | -1.34 | 0.47 | **0.004** | | -0.45 | 0.68 | 0.5 |  | -1.34 | 0.47 | **0.004** | | -0.45 | 0.68 | 0.5 |  | -1.34 | 0.47 | **0.004** | | -1.22 | 0.68 | 0.07 |  | -1.34 | 0.47 | **0.004** | | -0.12 | 0.68 | 0.9 |  | -1.34 | 0.47 | **0.004** | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | | -0.75 | 0.68 | 0.3 |  | -0.87 | 0.47 | 0.06 | | 1.34 | 0.68 | 0.05 |  | 0.47 | 0.47 | 0.3 | | 3.11 | 0.68 | **<0.001** |  | 1.16 | 0.47 | **0.013** | | -1.25 | 0.68 | 0.07 |  | -4.64 | 0.47 | **<0.001** | | -1.35 | 0.68 | 0.05 |  | 1.24 | 0.47 | **0.008** | | -0.27 | 0.68 | 0.7 |  | 0.47 | 0.47 | 0.3 | | -0.24 | 0.68 | 0.7 |  | 0.47 | 0.47 | 0.3 | | -0.40 | 0.68 | 0.6 |  | 0.47 | 0.47 | 0.3 | | -0.18 | 0.68 | 0.8 |  | 1.24 | 0.47 | **0.008** | |  |  |  |  |  |  |  | |  | | |  |  | | | | 8 | | |  | 8 | | | | **0.001** | | |  | **<0.001** | | | |

B: regression coefficient. SE: standard error. P-values, significant values in bold. df: degree of freedom. LR: likelihood ratio test. S1: Single spores; Aggregates of 2 (S2), 3 (S3), 4 (S4), ≥5 (S5) spores. SF: Submicronic fragments, LF1: 1-2µm fragments, LF2: 2-3.5µm fragments and LF3: ≥3.5µm fragments