

# Evidence for selective pathogenicity of *Globisporangium coniferarum* in coniferous urban trees

**Supplementary Table 2.** Two-way ANOVA results for the effects of host, *Globisporangium coniferarum* inoculation, and their interaction on nine pathogenicity-related traits compared with non-inoculated controls.

| S.O.V.           | df | Root wet weight (g) |         |         | Root dry weight (g) |         |         | Foliage wet weight (g) |         |         |
|------------------|----|---------------------|---------|---------|---------------------|---------|---------|------------------------|---------|---------|
|                  |    | MS                  | F value | P value | MS                  | F value | P value | MS                     | F value | P value |
| Host             | 5  | 2799.04             | 49.4    | <0.0001 | 1519.01             | 30.7    | <0.0001 | 23725.8                | 231.2   | <0.0001 |
| Treatment        | 1  | 2140.6              | 37.8    | <0.0001 | 1723.6              | 34.9    | <0.0001 | 11577.8                | 112.8   | <0.0001 |
| Host × Treatment | 5  | 691.7               | 12.2    | <0.0001 | 565.97              | 11.5    | <0.0001 | 6796.3                 | 66.2    | <0.0001 |
| Residuals        | 24 | 56.7                |         |         | 49.4                |         |         | 102.6                  |         |         |
| CV (%)           |    | 17.5                |         |         | 21.7                |         |         | 7.7                    |         |         |

**Supplementary Table 2.** Continued.

| S.O.V.           | df | Foliage dry weight (g) |         |         | Biomass wet weight (g) |         |         | Biomass dry weight (g) |         |         |
|------------------|----|------------------------|---------|---------|------------------------|---------|---------|------------------------|---------|---------|
|                  |    | MS                     | F value | P value | MS                     | F value | P value | MS                     | F value | P value |
| Host             | 5  | 20040.3                | 149.5   | <0.0001 | 34579.32               | 264.97  | <0.0001 | 27834.99               | 148.6   | <0.0001 |
| Treatment        | 1  | 11481.1                | 85.7    | <0.0001 | 23674.95               | 181.41  | <0.0001 | 20449                  | 109.17  | <0.0001 |
| Host × Treatment | 5  | 6954.3                 | 51.9    | <0.0001 | 11215.16               | 85.94   | <0.0001 | 11297.29               | 60.31   | <0.0001 |
| Residuals        | 24 | 134.01                 |         |         | 130.503                |         |         | 187.31                 |         |         |
| CV (%)           |    | 9.87                   |         |         | 6.55                   |         |         | 9.09                   |         |         |

**Supplementary Table 2.** Continued.

| S.O.V.           | df | Stem diameter (mm) |         |         | Root length (cm) |         |         | Plant height (cm) |         |         |
|------------------|----|--------------------|---------|---------|------------------|---------|---------|-------------------|---------|---------|
|                  |    | MS                 | F value | P value | MS               | F value | P value | MS                | F value | P value |
| Host             | 5  | 380.18             | 35.7    | <0.0001 | 87.7             | 26.45   | <0.0001 | 6199.55           | 37.43   | <0.0001 |
| Treatment        | 1  | 181.35             | 17.03   | 0.0004  | 490.6            | 147.91  | <0.0001 | 2744.01           | 16.57   | 0.0004  |
| Host × Treatment | 5  | 42.25              | 3.97    | 0.0092  | 103.39           | 31.17   | <0.0001 | 1039.21           | 6.27    | 0.0007  |
| Residuals        | 24 | 10.65              |         |         | 3.32             |         |         | 165.6             |         |         |

|        |       |      |      |
|--------|-------|------|------|
| CV (%) | 12.16 | 9.48 | 8.20 |
|--------|-------|------|------|

CV: Coefficient of variation; df: Degrees of freedom; MS: Mean Square; S.O.V.: Source of variation.