**Table S6.** F-values calculated for Site as fixed from the combined model analysing the Swiss and Madagascan trials.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Average plant leaf dry weight (g)** | **Average leaf yield kg/ha** | **Average artemisinin concentration (µg/mg)** | **Average yield kg/ha** | **Average height (cm)** |
| **Switzerland** | 160.58 (23.80) | 2867.55 (425.09) | 1.11 (0.12) | 31.84 (5.85) | 167.55 (21.78) |
| **Madagascar** | 95.11 (18.98) | 1463.06 (291.95) | 1.02 (0.14) | 15.11 (4.03) | 129.41 (14.67) |
| **F-test value** | 207.31\*\*\*\* | 331.24\*\*\*\* | 16.85\*\*\* | 473.49\*\*\*\* | 169.39\*\*\*\* |

Values in parentheses are standard deviation, \*\*\* indicates significance at 0.001 level and \*\*\*\* indicates significance at <0.001 level