

Table 1: **S2 Table. Gland location 1 data.**

| ID | $\mu_a, 690$ [cm^{-1}] | $\mu_a, 785$ [cm^{-1}] | $\mu_a, 830$ [cm^{-1}] | $\mu_s, 690$ | $\mu_s, 785$ | $\mu_s, 830$ | THC [μM] | StO ₂ [%] | BFI [cm^2/s] $\times 10^{-9}$ |
|--------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------|--------------|--------------|-----------------------|----------------------|---|
| | 25 mm | | | | | | | | |
| 1 | 0.24 ± 0.01 | 0.22 ± 0.01 | 0.23 ± 0.01 | 10.4 ± 0.2 | 9.8 ± 0.2 | 8.4 ± 0.3 | 104.2 ± 4.5 | 61.0 ± 2.0 | 9.4 ± 2.0 |
| 2 | 0.31 ± 0.01 | 0.29 ± 0.01 | 0.34 ± 0.02 | 9.9 ± 0.4 | 8.7 ± 0.2 | 8.3 ± 0.4 | 153.6 ± 4.7 | 68.5 ± 2.4 | 22.5 ± 5.6 |
| 3 | 0.27 ± 0.01 | 0.25 ± 0.01 | 0.27 ± 0.02 | 9.2 ± 0.4 | 8.3 ± 0.4 | 7.2 ± 0.3 | 122.1 ± 8.3 | 63.9 ± 1.8 | 12.2 ± 2.3 |
| 4 | 0.29 ± 0.02 | 0.29 ± 0.01 | 0.34 ± 0.02 | 10.0 ± 0.3 | 9.4 ± 0.1 | 9.0 ± 0.4 | 152.9 ± 5.5 | 70.6 ± 2.9 | 16.5 ± 2.1 |
| 5 | 0.31 ± 0.01 | 0.30 ± 0.01 | 0.33 ± 0.01 | 8.3 ± 0.3 | 6.9 ± 0.4 | 6.2 ± 0.3 | 150.4 ± 2.5 | 66.5 ± 1.6 | 15.1 ± 3.1 |
| 6 | 0.31 ± 0.02 | 0.31 ± 0.01 | 0.37 ± 0.03 | 8.3 ± 0.3 | 6.7 ± 0.2 | 6.6 ± 0.4 | 164.1 ± 6.6 | 73.7 ± 3.2 | 22.8 ± 2.7 |
| 7 | 0.16 ± 0.01 | 0.17 ± 0.01 | 0.17 ± 0.01 | 10.5 ± 0.2 | 10.2 ± 0.2 | 9.2 ± 0.2 | 76.8 ± 4.6 | 64.8 ± 1.6 | 7.33 ± 2.0 |
| 8 | 0.33 ± 0.01 | 0.30 ± 0.01 | 0.34 ± 0.01 | 8.8 ± 0.4 | 7.2 ± 0.4 | 6.5 ± 0.4 | 154.2 ± 3.6 | 65.3 ± 1.9 | 22.3 ± 6.1 |
| 9 | 0.33 ± 0.01 | 0.31 ± 0.01 | 0.34 ± 0.01 | 10.2 ± 0.3 | 8.7 ± 0.2 | 8.0 ± 0.4 | 156.0 ± 4.2 | 65.8 ± 2.2 | 26.0 ± 5.6 |
| 10 | 0.34 ± 0.02 | 0.32 ± 0.02 | 0.37 ± 0.03 | 7.4 ± 0.3 | 6.0 ± 0.1 | 5.8 ± 0.2 | 167.6 ± 13.0 | 68.0 ± 2.2 | 19.4 ± 2.6 |
| 11 | 0.27 ± 0.01 | 0.26 ± 0.01 | 0.31 ± 0.01 | 8.1 ± 0.7 | 6.7 ± 0.8 | 6.5 ± 0.8 | 135.7 ± 5.2 | 68.4 ± 2.6 | 11.7 ± 2.4 |
| 12 | 0.30 ± 0.02 | 0.26 ± 0.02 | 0.31 ± 0.03 | 7.2 ± 0.1 | 5.7 ± 0.1 | 5.7 ± 0.1 | 138.0 ± 11.7 | 65.1 ± 2.7 | 17.7 ± 3.3 |
| 13 | 0.36 ± 0.01 | 0.31 ± 0.01 | 0.36 ± 0.03 | 8.5 ± 0.2 | 6.5 ± 0.1 | 6.4 ± 0.3 | 163.7 ± 10.4 | 63.3 ± 3.6 | 13.9 ± 2.0 |
| 14 | 0.27 ± 0.01 | 0.28 ± 0.01 | 0.33 ± 0.01 | 8.5 ± 0.3 | 7.1 ± 0.2 | 6.9 ± 0.3 | 145.0 ± 3 | 71.6 ± 1.4 | 13.2 ± 1.9 |
| 15 | 0.34 ± 0.01 | 0.31 ± 0.01 | 0.35 ± 0.02 | 8.4 ± 0.3 | 7.4 ± 0.1 | 6.6 ± 0.2 | 161.6 ± 5.9 | 65.9 ± 2.1 | 14.1 ± 2.6 |
| 16 | 0.23 ± 0.01 | 0.25 ± 0.01 | 0.27 ± 0.01 | 8.8 ± 0.1 | 8.2 ± 0.1 | 7.2 ± 0.1 | 122.4 ± 3.9 | 71.4 ± 1.9 | 9.6 ± 2.0 |
| 17 | 0.21 ± 0.01 | 0.22 ± 0.01 | 0.24 ± 0.01 | 10.1 ± 0.2 | 9.0 ± 0.3 | 8.3 ± 0.2 | 107.3 ± 3.0 | 68.9 ± 1.3 | 8.9 ± 1.4 |
| 18 | 0.30 ± 0.01 | 0.28 ± 0.01 | 0.33 ± 0.01 | 9.5 ± 0.2 | 7.9 ± 0.2 | 7.9 ± 0.2 | 146.5 ± 3.7 | 67.9 ± 1.3 | 15.4 ± 1.9 |
| 19 | 0.27 ± 0.02 | 0.25 ± 0.01 | 0.30 ± 0.02 | 9.8 ± 0.4 | 8.5 ± 0.3 | 8.3 ± 0.4 | 131.5 ± 7.2 | 67.2 ± 0.8 | 15.7 ± 3.9 |
| 20 | 0.30 ± 0.01 | 0.26 ± 0.01 | 0.31 ± 0.01 | 7.9 ± 0.2 | 6.3 ± 0.1 | 6.2 ± 0.1 | 136.9 ± 2.4 | 64.9 ± 0.6 | 6.9 ± 1.3 |
| 21 | 0.29 ± 0.01 | 0.28 ± 0.01 | 0.32 ± 0.01 | 8.9 ± 0.4 | 7.7 ± 0.4 | 7.4 ± 0.4 | 142.3 ± 5.2 | 67.2 ± 1.5 | 8.4 ± 1.4 |
| 22 | 0.34 ± 0.01 | 0.32 ± 0.01 | 0.37 ± 0.01 | 9.1 ± 0.1 | 7.4 ± 0.1 | 7.2 ± 0.2 | 165.9 ± 1.9 | 67.6 ± 1.1 | 12.3 ± 1.6 |
| 13 mm | | | | | | | | | |
| 3 | 0.27 ± 0.02 | 0.26 ± 0.02 | 0.26 ± 0.02 | 12.4 ± 0.5 | 12.0 ± 0.4 | 9.8 ± 0.4 | 123.6 ± 9.0 | 64.1 ± 1.3 | 8.9 ± 2.1 |
| 13 | 0.40 ± 0.02 | 0.41 ± 0.02 | 0.36 ± 0.01 | 12.1 ± 0.2 | 10.4 ± 0.2 | 8.4 ± 0.1 | 183.6 ± 7.0 | 62.4 ± 3.2 | 13.3 ± 2.9 |
| 14 | 0.27 ± 0.01 | 0.30 ± 0.01 | 0.30 ± 0.01 | 12.0 ± 0.3 | 10.7 ± 0.3 | 9.4 ± 0.3 | 142.4 ± 3.9 | 70.7 ± 1.1 | 10.1 ± 1.89 |
| 15 | 0.34 ± 0.02 | 0.33 ± 0.01 | 0.32 ± 0.01 | 10.1 ± 0.4 | 9.7 ± 0.3 | 7.5 ± 0.3 | 155.5 ± 3.3 | 63.9 ± 1.6 | 15.9 ± 2.9 |
| 16 | 0.19 ± 0.01 | 0.22 ± 0.01 | 0.23 ± 0.01 | 10.0 ± 0.5 | 10.0 ± 0.4 | 8.1 ± 0.5 | 104.9 ± 4.5 | 71.4 ± 1.7 | 11.8 ± 3.1 |
| 17 | 0.18 ± 0.01 | 0.17 ± 0.01 | 0.19 ± 0.01 | 11.2 ± 0.3 | 9.4 ± 0.2 | 9.1 ± 0.3 | 83.4 ± 2.5 | 66.4 ± 1.6 | 9.9 ± 1.1 |
| 18 | 0.30 ± 0.01 | 0.28 ± 0.01 | 0.31 ± 0.01 | 12.5 ± 0.2 | 10.0 ± 0.2 | 9.8 ± 0.2 | 141.5 ± 4.9 | 66.2 ± 1.2 | 20.4 ± 3.4 |
| 19 | 0.29 ± 0.03 | 0.27 ± 0.02 | 0.30 ± 0.02 | 12.9 ± 0.7 | 10.6 ± 0.7 | 10.5 ± 0.7 | 137.7 ± 11.1 | 65.1 ± 1.8 | 33.4 ± 3.5 |
| 20 | 0.29 ± 0.01 | 0.25 ± 0.01 | 0.29 ± 0.01 | 10.4 ± 0.3 | 8.1 ± 0.2 | 8.0 ± 0.2 | 131.0 ± 2.5 | 63.6 ± 0.7 | 9.6 ± 2.0 |
| 21 | 0.30 ± 0.01 | 0.29 ± 0.01 | 0.30 ± 0.01 | 10.8 ± 0.4 | 9.5 ± 0.4 | 8.5 ± 0.3 | 140.3 ± 3.2 | 64.5 ± 1.8 | 14.6 ± 3.0 |
| 22 | 0.34 ± 0.01 | 0.34 ± 0.01 | 0.35 ± 0.01 | 12.4 ± 0.6 | 10.6 ± 0.5 | 9.3 ± 0.5 | 165.7 ± 3.4 | 66.4 ± 0.9 | 17.1 ± 2.7 |

Means and standard deviations recorded with a source detector separation of 25 mm for the entire healthy population (n = 22) and one of 13 mm for a subset (n = 11) of the study population. Shown are the absorption coefficients μ_a and reduced scattering coefficients μ_s' per wavelength as well as total hemoglobin concentrations (THC), oxygen saturations (StO₂) and blood flow indices (BFI).