

Table 1: **S3 Table. Gland location 2 data (25 mm).**

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	0.26 ± 0.01	0.25 ± 0.01	0.27 ± 0.02	9.6 ± 0.4	8.8 ± 0.4	7.7 ± 0.4	123.0 ± 8.8	65.2 ± 1.8	12.7 ± 2.2
2	0.28 ± 0.03	0.28 ± 0.02	0.32 ± 0.03	8.9 ± 0.6	8.0 ± 0.4	7.6 ± 0.6	142.6 ± 12.7	68.6 ± 2.9	14.8 ± 4.9
3	0.26 ± 0.03	0.25 ± 0.03	0.28 ± 0.03	8.6 ± 0.4	8.0 ± 0.4	7.0 ± 0.4	125.8 ± 14.8	67.1 ± 1.3	16.1 ± 4.8
4	0.29 ± 0.01	0.29 ± 0.01	0.34 ± 0.01	9.1 ± 0.1	8.3 ± 0.2	8.0 ± 0.3	151.0 ± 5.2	69.9 ± 3.2	14.7 ± 3.6
5	0.29 ± 0.01	0.28 ± 0.01	0.32 ± 0.01	8.6 ± 0.5	7.4 ± 0.3	6.6 ± 0.2	142.8 ± 3.4	68.3 ± 2.7	11.3 ± 2.1
6	0.29 ± 0.01	0.30 ± 0.01	0.36 ± 0.03	7.7 ± 0.3	6.3 ± 0.2	5.7 ± 0.5	157.8 ± 8.8	71.8 ± 2.0	21.0 ± 4.5
7	0.18 ± 0.01	0.19 ± 0.01	0.20 ± 0.01	10.3 ± 0.1	9.9 ± 0.2	8.9 ± 0.1	88.0 ± 3.5	66.3 ± 0.9	7.2 ± 1.8
8	0.33 ± 0.02	0.29 ± 0.01	0.34 ± 0.01	8.5 ± 0.3	6.7 ± 0.2	6.2 ± 0.2	152.2 ± 3.4	64.8 ± 2.7	13.8 ± 1.5
9	0.25 ± 0.02	0.24 ± 0.01	0.26 ± 0.01	7.8 ± 0.3	6.9 ± 0.4	6.2 ± 0.3	117.4 ± 4.0	66.1 ± 2.3	20.8 ± 6.4
10	0.25 ± 0.03	0.26 ± 0.02	0.30 ± 0.04	6.2 ± 0.1	5.2 ± 0.1	4.9 ± 0.2	133.6 ± 15.6	71.7 ± 1.1	36.1 ± 8.0
11	0.29 ± 0.01	0.27 ± 0.01	0.32 ± 0.01	7.4 ± 0.4	5.9 ± 0.3	5.7 ± 0.3	140.2 ± 3.3	66.3 ± 1.7	11.7 ± 1.7
12	0.29 ± 0.02	0.26 ± 0.01	0.32 ± 0.01	6.2 ± 0.1	4.8 ± 0.1	4.9 ± 0.1	140.5 ± 3.4	68.3 ± 2.3	29.3 ± 9.9
13	0.33 ± 0.03	0.29 ± 0.01	0.34 ± 0.01	8.0 ± 0.3	6.4 ± 0.2	6.3 ± 0.2	151.7 ± 4.4	65.4 ± 3.3	21.4 ± 5.5
14	0.26 ± 0.01	0.26 ± 0.01	0.31 ± 0.02	7.6 ± 0.1	6.3 ± 0.1	6.2 ± 0.2	138.2 ± 7.7	70.6 ± 1.5	16.2 ± 2.4
15	0.29 ± 0.02	0.28 ± 0.02	0.32 ± 0.02	7.3 ± 0.7	6.4 ± 0.6	5.7 ± 0.5	143.2 ± 10.2	67.5 ± 2.3	16.9 ± 3.4
16	0.24 ± 0.01	0.25 ± 0.01	0.28 ± 0.01	7.4 ± 0.1	6.7 ± 0.1	5.9 ± 0.1	124.2 ± 2.1	70.6 ± 1.1	10.8 ± 1.3
17	0.20 ± 0.01	0.21 ± 0.01	0.23 ± 0.01	9.7 ± 0.5	8.5 ± 0.5	7.9 ± 0.5	102.7 ± 4.0	69.9 ± 0.9	10.8 ± 1.9
18	0.27 ± 0.01	0.26 ± 0.01	0.30 ± 0.01	9.9 ± 0.4	8.6 ± 0.4	8.3 ± 0.3	132.7 ± 3.3	68.3 ± 1.7	10.0 ± 1.8
19	0.21 ± 0.01	0.21 ± 0.01	0.23 ± 0.02	10.0 ± 0.3	8.9 ± 0.4	8.4 ± 0.3	103.1 ± 9.5	66.6 ± 1.6	12.9 ± 1.8
20	0.28 ± 0.01	0.25 ± 0.01	0.29 ± 0.01	8.1 ± 0.1	6.6 ± 0.2	6.5 ± 0.2	129.1 ± 4.7	64.8 ± 1.0	7.1 ± 0.9
21	0.26 ± 0.02	0.26 ± 0.01	0.30 ± 0.01	8.1 ± 0.1	7.1 ± 0.1	6.8 ± 0.1	132.4 ± 7.3	69.3 ± 1.0	11.8 ± 2.7
22	0.33 ± 0.01	0.31 ± 0.01	0.36 ± 0.01	8.8 ± 0.4	7.1 ± 0.3	6.8 ± 0.5	163.7 ± 4.5	67.5 ± 1.5	11.6 ± 1.7
13 mm									
3	0.29 ± 0.01	0.28 ± 0.01	0.29 ± 0.01	11.1 ± 0.1	10.8 ± 0.2	8.7 ± 0.1	135.1 ± 5.6	64.9 ± 1.7	12.5 ± 1.7
13	0.35 ± 0.02	0.33 ± 0.01	0.32 ± 0.01	12.4 ± 0.3	10.5 ± 0.4	9.1 ± 0.3	156.3 ± 3.8	62.4 ± 2.0	12.8 ± 3.3
14	0.28 ± 0.01	0.30 ± 0.01	0.30 ± 0.01	11.9 ± 0.3	10.6 ± 0.2	9.3 ± 0.3	142.6 ± 3.5	68.1 ± 1.2	8.1 ± 1.0
15	0.35 ± 0.03	0.35 ± 0.02	0.34 ± 0.02	9.5 ± 0.5	9.0 ± 0.4	6.9 ± 0.3	165.5 ± 8.1	64.7 ± 2.9	19.1 ± 2.5
16	0.21 ± 0.01	0.24 ± 0.01	0.25 ± 0.01	8.4 ± 0.3	8.4 ± 0.2	6.6 ± 0.3	112.9 ± 2.8	70.1 ± 1.4	11.1 ± 1.3
17	0.19 ± 0.01	0.19 ± 0.01	0.22 ± 0.01	10.9 ± 0.9	9.1 ± 0.8	8.8 ± 0.8	93.3 ± 4.1	68.5 ± 1.5	12.8 ± 1.7
18	0.29 ± 0.01	0.27 ± 0.01	0.30 ± 0.01	12.8 ± 0.2	10.4 ± 0.1	10.2 ± 0.2	134.5 ± 3.4	65.6 ± 1.4	13.9 ± 1.8
19	0.25 ± 0.01	0.24 ± 0.01	0.26 ± 0.01	12.1 ± 0.3	10.2 ± 0.2	10.0 ± 0.2	118.2 ± 4.7	64.6 ± 2.3	23.3 ± 3.5
20	0.28 ± 0.01	0.25 ± 0.01	0.28 ± 0.01	11.4 ± 0.3	8.9 ± 0.2	8.8 ± 0.2	124.7 ± 1.7	62.4 ± 1.7	8.6 ± 1.0
21	0.27 ± 0.01	0.27 ± 0.01	0.29 ± 0.01	9.8 ± 0.3	8.6 ± 0.3	7.8 ± 0.3	130.8 ± 3.1	66.5 ± 1.8	21.1 ± 7.2
22	0.35 ± 0.01	0.34 ± 0.01	0.36 ± 0.01	11.6 ± 0.7	9.8 ± 0.7	8.6 ± 0.6	168.0 ± 4.3	66.0 ± 1.5	17.3 ± 2.0

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).