

Appendix table 2: *Acanthamoeba* cysts density in the peripheral corneal areas.

	Mild	Moderate	Severe	P value (mild vs moderate)	P value (mild vs severe)	P value (severe vs moderate)	P value between 3 groups
0-50 μ m	13.3 (8.6, 19.5)	31.3 (21.1, 46.9)	56.3 (43.8, 121.9)	0.852	0.033	0.064	0.113
50-100 μ m	13.3 (1.2, 26.6)	62.5 (31.3, 88.3)	118.8 (31.3, 168.8)	0.399	0.015	0.140	0.057
100-150 μ m	7.8 (0, 27.0)	0 (0, 21.9)	81.3 (31.3, 175.0)	0.834	0.014	0.01	0.818
150-200 μ m	0 (0, 0.4)	0 (0, 19.5)	62.5 (21.9, 103.1)	0.813	0.023	0.051	0.083
200-250 μ m	0 (0, 0)	0 (0, 6.3)	0 (0, 46.9)	0.882	0.133	0.200	0.337
250-300 μ m	0 (0, 0)	0 (0, 0)	0 (0, 18,8)	0.926	0.198	0.257	0.450
>300 μ m	0 (0, 0)	0 (0, 0)	0 (0, 0)	0.875	0.215	0.310	0.476

Note: Data were expressed as the median (1st quartile, 3rd quartile). Due to multiple comparisons, the level of significance was corrected to 0.0125.