

Supplementary information

A.1

		AI				
		Neg	1+	2+	3+	4+
VISUAL	Neg	79	13	0	0	0
	1+	3	58	15	0	0
	2+	0	4	56	67	0
	3+	0	14	32	221	14
	4+	0	0	0	19	41

Mobile model # 1

A.2

		AI				
		Neg	1+	2+	3+	4+
VISUAL	Neg	71	15	0	0	0
	1+	8	67	16	0	0
	2+	0	13	77	124	0
	3+	0	0	0	173	20
	4+	0	0	0	8	44

Mobile model # 2

B

		MOBILE MODEL #2				
		Neg	1+	2+	3+	4+
MOBILE MODEL #1	Neg	73	9	0	0	0
	1+	6	83	0	0	0
	2+	0	3	91	8	1
	3+	0	0	1	291	15
	4+	0	0	0	6	49

Supplementary Figure S1. A.1-A2: Confusion matrices comparing visual and AI-based Cryptococcal Antigen Semi-Quantitative (CrAgSQ) interpretation separated by each of the two smartphone models used in the study. **B:** Confusion matrix comparing AI-based interpretations across the two smartphone models.