

1 **Supplemental Table 1.** Baseline characteristics of PLWH with cryptococcosis by positivity of serum  
 2 cryptococcal antigen testing 2002 – 2019 (n=86)

	<b>Positive Serum CrAg (n=82)</b>	<b>Negative Serum CrAg (n=4)</b>	<b>p-values</b>
<b>Male</b>	69	4	0.387
<b>Age, years (median, IQR)</b>	38.9 (31.7, 46.1)	44.3 (38.6, 52.2)	0.211
<b>African American</b>	61	4	0.983
<b>Site of Infection</b>			
<i>Pulmonary</i>	7 (8.5)	0 (0)	0.542
<i>CNS disease</i>	59 (72)	3 (75)	0.894
<i>Bloodstream</i>	57 (69.8)	3 (75)	0.815
<i>Other Infection</i>	3 (3.7)	1 (25)	0.048
<b>90-day mortality</b>	11 (13.4)	0 (0)	0.433
<b>Time to diagnosis from symptom onset, median (days, IQR)</b>	14 (4, 28)	15.5 (10, 21.7)	0.743
<b>Time to initiation of antifungals from symptom onset, median (days, IQR)</b>	14 (5, 27)	16 (10.2, 21.7)	0.694
<b>Time to initiation of antifungals from admission date, median (days, IQR)</b>	1 (0.2, 6.2)	1 (0, 2)	0.632

3 Abbreviations: PLWH – people living with HIV; CrAg – cryptococcal antigen; IQR – interquartile range;  
 4 CNS – central nervous system

5

6

7 **Supplemental Table 2.** Baseline characteristics of HIV-negative individuals with localized pulmonary  
 8 cryptococcosis by positivity of serum cryptococcal antigen testing 2002 – 2019 (n=45)

	<b>Positive Serum CrAg (n=18)</b>	<b>Negative Serum CrAg (n=27)</b>	<b>p-values</b>
<b>Male</b>	11 (61)	21 (78)	0.227
<b>Age, years (median, IQR)</b>	59 (45, 71)	59 (52, 71)	0.592
<b>African American</b>	2 (11)	1 (4)	0.107
<b>Transplant Recipients</b>	5 (28)	5 (19)	0.464
<b>Immunocompetent</b>	6 (33)	12 (44)	0.456
<b>90-day mortality</b>	4 (22)	7 (26)	0.777
<b>Time to diagnosis from symptom onset, median (days, IQR)</b>	24 (13, 77)	14 (5, 27)	0.112
<b>Time to initiation of antifungals from symptom onset, median (days, IQR)</b>	45 (22, 70)	27 (14, 42)	0.821
<b>Time to initiation of antifungals from admission date, median (days, IQR)</b>	3 (2, 7)	13 (4, 26)	0.042

9 Abbreviations: CrAg – cryptococcal antigen; IQR – interquartile range; CNS – central nervous system

10

11

12

13