

Supplementary table 1. Demographic characteristics of 2,071 patients seeking care from outpatient psychiatric services at Beira Central Hospital from January 2012 – September 2014.

<b>Characteristic</b>	<b>N (%) unless noted</b>
<b>Age [mean (SD)]</b>	<b>34.7 (13.1)</b>
<18	52 (2.5)
18-25	437 (21.1)
26-35	773 (37.3)
36-45	370 (17.9)
46-55	205 (9.9)
56+	163 (7.9)
Missing	71 (3.4)
<b>Gender</b>	
Female	949 (45.8)
Male	974 (47.0)
Missing	148 (7.2)
<b>Visit number</b>	
1	276 (13.3)
2+	1,575 (76.1)
Missing	220 (10.6)

Supplementary table 2. ICD-10 classification, age, gender, and first-visit percentage of 2,071 patients seeking care from outpatient psychiatric services at Beira Central Hospital from January 2012 – September 2014.

Characteristic	N (%) unless noted	Mean age (SD)	Age p-value	Percent female	Gender p-value	% first visits	First-visit p-value
<b>ICD-10 Diagnosis Code</b>							
F00-09: Organic, including symptomatic, mental disorders	192 (9.3)	41.9 (18.7)	<0.001	59.3	0.005	22.3	0.004
F10-19: Mental and behavioral disorders due to psychoactive substance use	92 (4.4)	33.3 (11.1)	0.32	10.1	<0.001	26.5	0.002
F20-29: Schizophrenia, schizotypal, and delusional disorders	894 (43.2)	34.4 (11.2)	0.50	51.7	0.07	6.1	<0.001
F30-39: Mood (affective) disorders	40 (1.9)	38.6 (13.1)	0.05	84.2	<0.001	20.0	0.39
F40-48: Neurotic, stress-related, and somatoform disorders	97 (4.7)	35.6 (10.9)	0.44	69.3	<0.001	25.6	0.005
F50-59: Behavioral syndromes associated with physiological or physical factors	23 (1.1)	35.4 (12.4)	0.78	23.8	0.019	50.0	<0.001
F60-69: Disorders of adult personality and behavior	7 (0.34)	30.8 (6.4)	0.49	50.0	1.0	0.0	1.0
F70-79: Intellectual disability	40 (1.9)	27.4 (9.9)	<0.001	57.5	0.23	21.6	0.25
F80-89: Disorders of psychological development	0 (0)	n/a	n/a	n/a	n/a	n/a	n/a
F99-98: Behavioral and emotional disorders with youth onset	2 (0.10)	35 (46.7)	0.97	50.0	1.0	0.0	1.0
G40-41: Epilepsy and recurrent seizures	262 (12.7)	30.6 (12.4)	<0.001	40.5	0.004	11.8	0.15
Missing	422 (20.4)	34.8 (13.6)	0.73	46.4	0.20	24.2	<0.001

Supplementary table 3. Four most common narrative primary diagnoses by ICD-10 code along with age, gender, first-visit percentage, and common treatments provided for 2,071 patients seeking care from outpatient psychiatric services at Beira Central Hospital from January 2012 – September 2014.

ICD-10 code (total n of 1,654 with complete ICD-10)	Four† most common primary narrative diagnoses	N (%) of total in each ICD-10 category	Mean age (SD)	Percent female	% first visit	Most common treatment regimen (n, %) <sup>§</sup>
F00-09: Organic, including symptomatic, mental disorders (192)	1. Organic behavioral disorder - unspecified	45 (23.4)	38.3 (16.3)	53.7	14.6	Trifluoperazine + biperiden (10, 22.2) Trifluoperazine + promethazine (6, 13.3) Chlorpromazine + promethazine (6, 13.3)
	2. Organic behavioral disorder – HIV	31 (16.2)	36.7 (12.1)	<b>70.0*</b>	10.3	Fluphenazine + promethazine (6, 19.4) Trifluoperazine + promethazine (2, 9.1) Trifluoperazine (2, 9.1)
	3. Organic psychosis	22 (11.5)	37.4 (15.1)	59.1	<b>33.3*</b>	Haloperidol + promethazine (5, 22.7) Trifluoperazine + promethazine (2, 9.1)
	4. Dementia	19 (9.9)	<b>68.0† (13.1)</b>	64.7	<b>37.5*</b>	Chlorpromazine + promethazine (4, 21.1) Chlorpromazine (4, 21.1)
F10-19: Mental and behavioral disorders due to psychoactive substance use (92)	1. Behavioral disorder due to alcohol	22 (23.9)	<b>40.4* (10.8)</b>	<b>13.6†</b>	22.2	Chlorpromazine + promethazine (3, 13.6)
	2. Behavioral disorder due to multiple drugs	22 (23.9)	<b>27.5* (7.6)</b>	<b>9.5†</b>	<b>10.0†</b>	Fluphenazine + promethazine (5, 22.7) Chlorpromazine + promethazine (3, 13.6) Haloperidol + promethazine (3, 13.6)
	3. Alcohol dependence	18 (18.6)	37.6 (12.2)	<b>5.6†</b>	<b>44.4†</b>	None (7, 38.9) Chlorpromazine (2, 11.1)
	4. Substance dependence	10 (10.9)	31.6 (7.4)	25.0	12.5	Chlorpromazine + promethazine (2, 20.0)

F20-29: Schizophrenia, schizotypal, and delusional disorders (894)	1. Schizophrenia	617 (69.0)	34.4 (10.6)	52.9	<b>3.3†</b>	Decanoate of fluphenazine + promethazine (131, 21.2) Trifluoperazine + promethazine (62, 10.1)
	2. Delirium	114 (12.8)	35.2 (12.0)	50.5	10.5	Fluphenazine + promethazine (25, 21.9) Chlorpromazine + promethazine (20, 17.5)
	3. Persistent delirium	40 (4.5)	38.4 (14.1)	46.2	10.8	Trifluoperazine (8, 20.0) Trifluoperazine + promethazine (5, 12.5) Fluphenazine + promethazine (5, 12.5)
	4. Chronic psychosis	22 (2.5)	34.8 (11.8)	50.0	0.0	Haloperidol + promethazine (7, 31.8)
F30-39: Mood (affective) disorders (40)	1. Depressive episode	15 (37.5)	<b>44.5* (15.3)</b>	<b>86.7*</b>	23.1	Imipramine (3, 20.0) Amitriptyline (3, 20.0)
	2. Depression	13 (32.5)	39.3 (9.4)	81.8	27.3	Amitriptyline (6, 46.2) Fluoxetine (3, 23.1)
	3. Bipolar	5 (12.5)	32.8 (4.4)	100.0	0.0	Risperidone + carbamazepine (2, 40)
F40-48: Neurotic, stress-related, and somatoform disorders (97)	1. Adjustment disorder	19 (19.6)	40.2 (7.9)	73.3	<b>33.3*</b>	Amitriptyline (4, 21.1) Imipramine (3, 15.8)
	2. Neurotic disorder	14 (14.4)	34.1 (9.5)	46.2	<b>30.8*</b>	Amitriptyline (4, 28.6) Fluoxetine (4, 28.6)
	3. Somatic disorder	13 (13.4)	35.2 (9.5)	46.2	<b>36.4*</b>	Amitriptyline (4, 30.8)
	4. Anxiety	8 (8.3)	34.6 (9.5)	85.7	37.5	Amitriptyline (4, 50.0) Imipramine (2, 25.0)
F50-59: Behavioral syndromes	1. Insomnia	9 (39.1)	33.2 (15.0)	22.2	33.3	Flunitrazepam (3, 33.3)

associated with physiological or physical factors (23)						Bromazepam (2, 22.2)
	2. Sexual dysfunction	4 (17.4)	42.8 (9.6)	0.0	<b>100.0†</b>	
	3. Organic insomnia	4 (17.4)	38.3 (17.6)	66.7	25.0	Flunitrazepam (2, 50.0)
	4. Non-organic insomnia	4 (17.4)	34 (6.1)	33.3	50.0	
F60-69: Disorders of adult personality and behavior (7)	1. Personality disorder - general	5 (62.5)	31.3 (6.6)	60.0	0.0	
	2. Schizoid personality disorder	2 (25.0)	30 (8.5)	0.0	100.0	
F70-79: Intellectual disability (40)	1. Intellectual disability	40 (100)	<b>27.4† (9.9)</b>	59.0	21.6	Haloperidol (8, 20.0) Haloperidol + promethazine (6, 15.0)
F80-89: Disorders of psychological development (0)	n/a	n/a	n/a	n/a	n/a	n/a
F99-98: Behavioral and emotional disorders with youth onset (2)	1. Motor hyperactivity	1 (50)	2 (n/a)	100.0	missing	Carbamazepine (1, 100.0)
	2. Tardive dyskinesia	1 (50)	68 (n/a)	0.0	0.0	Promethazine (1, 100.0)
G40-41: Epilepsy and recurrent seizures (264)	1. Epilepsy	262 (100)	<b>30.6† (12.4)</b>	<b>40.5*</b>	11.8	Carbamazepine (167, 63.7) Phenobarbital (34, 13.0)

\* p < 0.05

† p < 0.001

‡ Less than four most common narrative diagnoses are listed because there was no other majority diagnosis after those listed.

§ Top two most common treatment regimens are listed, unless a tie for second. In this case, three are listed. If a three way tie for 2<sup>nd</sup> most common treatment regimen, then only one is listed. If no majority, no treatment is listed. All medications listed are included in the essential medication list with the exception of risperidone