Report on Paper 1: Comorbid Substance Use Disorders

Abstract:

This report will generate the information required for the tables and figures of the paper.

Description of Table 1:

The three races considered and their abbreviations are as follows: Asian Americans - AA Native Hawaiian/Pacific Islander - NHPI Multi-Racial - MR

Other variables of interest are: Age Sex Setting

Race	Count
AA	1510
NHPI	2707
MR	7135
Total	11352

Number of patients grouped by race and age

Age	AA	%	NHPI	%	MR	%
1-11	124	8.2	324	12.0	1313	18.4
12-17	226	15.0	823	30.4	1274	17.9
18-34	540	35.8	726	26.8	1796	25.2
35-49	357	23.6	503	18.6	1424	20.0
50+	263	17.4	331	12.2	1328	18.6

Number of patients grouped by race and sex

Sex	AA	%	NHPI	%	MR	%
Male	650	43.0	1249	46.1	3191	44.7
Female	860	57.0	1458	53.9	3944	55.3

Number of patients grouped by race and setting

Setting	AA	%	NHPI	%	MR	%
Hospital	312	20.7	1745	64.5	594	8.3
Mental Health Center	1198	79.3	962	35.5	6541	91.7

Description of Figure 1:

The Axis I/II disorders that are considered and their abbreviations are as follows: Mood - mood Anxiety - anxiety Adjustment - adjustment ADHD/CD/ODD/DBD - adhd Substance Use Disorder - sud Psychotic - psyc Personality - pers Childhood-onset - childhood Impulse-control - impulse Cognitive - cognitive Eating - eating Somatoform - smtf Dissociation - disso Sleep - sleep Factitious Disorders - fd

Disorders with less than 3% prevalence are not shown in the figure
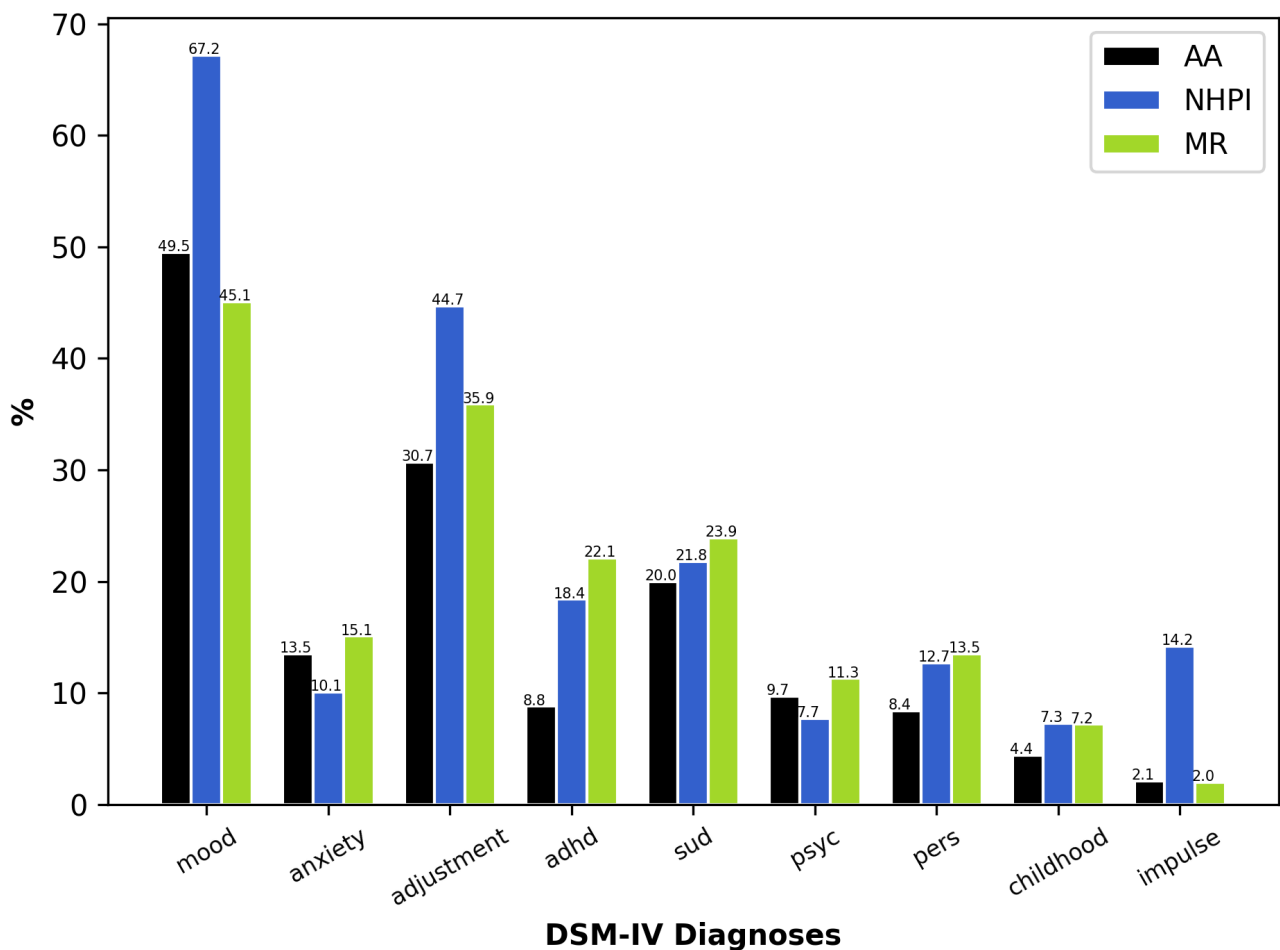
Description of Table 2:

This table measures the prevalance of the below among the 3 races, as a percentage of the total or of the various ages:

Any SUD - any_sud >=2 SUD - morethan2_sud Alcohol - alc Cannabis - cannabis Amphetamine - amphe Hallucinogen - halluc Nicotine - nicotin Cocaine - cocaine Opioids - opioids Sedatives/tranquilizers - sedate Other drugs - others Polysubstance - polysub Inhalants - inhalant

Total Sample

Prevalence, %	AA	NHPI	MR
DSM-IV diagnosis	Total = 1510	Total = 2707	Total = 7135
any_sud	20.0	21.8	23.9
morethan2_sud	5.5	4.5	7.2
alc	11.2	8.7	8.4
cannabis	6.7	8.2	8.1
amphe	0.9	0.3	0.7
halluc	0.3	0.1	0.1
nicotin	1.6	0.4	2.6
cocaine	2.1	2.0	3.8
opioids	2.6	2.0	5.9
sedate	0.5	0.3	0.8
others	0.3	0.1	0.3
polysub	0.0	0.0	0.0
inhalant	0.5	0.7	0.5

Asian Americans, separated into age bins

Prevalence, %	1-11 y/o	12-17 y/o	18-34 y/o	35-49 y/o	50+ y/o
DSM-IV diagnosis	Total: 124	Total: 226	Total: 540	Total: 357	Total: 263
any_sud	0.0	18.1	30.0	19.9	10.6
morethan2_sud	0.0	6.6	8.3	4.8	2.3
alc	0.0	8.4	16.9	10.4	8.4
cannabis	0.0	12.8	9.8	4.5	1.1
amphe	0.0	0.4	1.9	0.8	0.0
halluc	0.0	0.4	0.4	0.3	0.0
nicotin	0.0	0.9	2.4	1.4	1.5
cocaine	0.0	0.0	2.8	3.4	1.9
opioids	0.0	0.4	5.2	2.5	0.4
sedate	0.0	0.4	0.9	0.3	0.0
others	0.0	0.4	0.7	0.0	0.0
polysub	0.0	0.0	0.0	0.0	0.0
inhalant	0.0	0.9	0.9	0.3	0.0

Native Hawaiians/Pacific Islanders, separated into age bins

Prevalence, %	1-11 y/o	12-17 y/o	18-34 y/o	35-49 y/o	50+ y/o
DSM-IV diagnosis	Total: 324	Total: 823	Total: 726	Total: 503	Total: 331
any_sud	0.6	17.0	31.7	27.2	24.5
morethan2_sud	0.3	3.2	7.7	5.2	3.6
alc	0.3	3.8	12.8	12.5	14.5
cannabis	0.3	12.2	12.5	5.2	1.5
amphe	0.0	0.1	0.4	0.4	0.6
halluc	0.0	0.1	0.1	0.2	0.3
nicotin	0.0	0.2	0.3	0.6	1.5
cocaine	0.0	0.4	3.2	4.6	1.8
opioids	0.3	0.2	2.2	3.2	5.7
sedate	0.0	0.0	0.4	0.4	1.2
others	0.0	0.0	0.3	0.0	0.3
polysub	0.0	0.0	0.0	0.0	0.0
inhalant	0.0	0.2	2.1	0.6	0.0

Multi-Racial, separated into age bins

Prevalence, %	1-11 y/o	12-17 y/o	18-34 y/o	35-49 y/o	50+ y/o
DSM-IV diagnosis	Total: 1313	Total: 1274	Total: 1796	Total: 1424	Total: 1328
any_sud	0.3	7.8	35.2	38.6	31.5
morethan2_sud	0.0	1.8	10.3	13.4	8.9
alc	0.0	2.0	13.1	13.1	11.3
cannabis	0.1	6.5	18.3	8.4	3.2
amphe	0.0	0.2	2.1	0.5	0.4
halluc	0.0	0.0	0.4	0.0	0.2
nicotin	0.0	0.3	3.5	4.7	4.1
cocaine	0.0	0.0	4.0	8.5	5.8
opioids	0.0	0.1	3.0	12.9	13.9
sedate	0.0	0.2	0.7	1.8	1.5
others	0.0	0.1	0.4	0.7	0.4
polysub	0.0	0.0	0.0	0.0	0.0
inhalant	0.0	0.4	0.9	0.9	0.2