



Criterion validity of self-reports of alcohol, cannabis, and methamphetamine use among young men in Cape Town, South Africa

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Introduction

Self-report is a convenient way to measure drug use, including drinking, but people may misremember or loath to admit stigmatized behavio

Previous research indicates that s report accuracy differs by drug an setting. We considered three drug once in an at-risk community sam

Method

Young men in 24 neighborhoods o Cape Town were recruited from th homes. Those who consented we transported to a separate location interviewing.

Men were asked if they had consu any alcoholic beverages in the las days, dagga (cannabis) in the last days, or tik (methamphetamine) i the last 2 days.

Men completed a urine-based rap diagnostic test for each drug. Eacl could detect use in the past **3** days.



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| king, | | |
|----------------------------------|---|--|
| be vior. | Table 1. Self-reportedsample characteristics | Table 2. Contingency tables of self-reported drug use with |
| self- nd by gs at nple. | Sample size1,155Age (median)22Education13%< 9 years13%> 12 years1%Ever held a job70%Ever been arrested34%Ever been iailed6% | Rapid diagnostic Alcohol Cannabis – + – + Self-report – 671 144 545 17 Self-report + 116 224 14 41 Table 3. Summary o |
| of heir ere on for | Ever been jailed6%Ever joined a gang22%Drinks at all76%Ever used drugs76%Cannabis76%Methamphetamine26%Methaqualone22%(Mandrax)22% | RDT vs. self-reportAlcoholCannabiaNegative RDTs68%48%Accuracy77%83%(agreement)61%70%Honesty61%70%(% self-reporting use among those with PDT uso)61% |
| ist 3 in pid ch | Honesty varied by substar Research that uses self-regordered will likely be | with RDT use) ared to the base rate of negative RDT nce, and was quite low for methamph port is likely to miss many drug users a lower in studies with no biomarkers biomarkers will be collected). |

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