Social status as one key indicator of successful psychopathy: An initial empirical investigation

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**ABSTRACT**

Psychopathy is a personality disorder that researchers have subdivided into two types: successful and unsuccessful. Nevertheless, little headway has been made regarding how to conceptualize and operationalize success. We consider various accounts of success from the existing literature and make the case for a two-dimensional view of successful psychopathy. Specifically, we contend that successful psychopathy can be conceptualized with two conditions in mind: (a) high social status and (b) lack of serious antisocial behavior. We emphasize that high social status, best described using socioeconomic status (SES), has been largely overlooked in the literature. We tested this idea using a sample of 591 participants who received measures of the triarchic model of psychopathy (i.e., boldness, meanness, and disinhibition), SES, and personality dysfunction. The results demonstrated that, as predicted, the putatively adaptive features of psychopathy (i.e., boldness) were positively related to SES and personality functioning. In contrast, the putatively maladaptive psychopathy features disinhibition and meanness were negatively related to personality functioning, and disinhibition was negatively related to SES. The relevance of boldness to psychopathy and the benefits of conceptualizing success as a continuous variable are discussed.

1. Introduction

Psychopathy is a personality disorder (albeit one not formally recognized in the main text of the DSM-5; American Psychiatric Association, 2013) characterized by, among other features, glibness, grandiosity, callousness (lack of empathy), dishonesty, irresponsibility, and largely unmotivated antisociality. The triarchic model of psychopathy (Patrick, Fowles, & Krueger, 2009) conceptualizes psychopathy in terms of three broad phenotypic domains that, in conjunction, comprise the full condition of psychopathy. These domains are boldness (i.e., social dominance, fearlessness, emotional resilience, and stress immunity), meanness (i.e., aggressiveness, social detachment, and callousness), and disinhibition (i.e., impulse control deficits and externalization of blame).

Traditionally, psychopathy has been studied mostly in forensic samples, especially those recruited from prisons and jails, and to a lesser extent, non-forensic samples, such as those recruited from community and college samples. Nevertheless, beginning with Widom (1977), who placed advertisements for seemingly adaptive psychotherapy traits (e.g., adventurousness, self-promotion) in underground Boston newspapers, the study of "subclinical" or "successful psychopathy" began in earnest. Both successful and unsuccessful psychopathy have been difficult to define, but the former has received less attention.

Particularly relevant in this literature is the often unappreciated lack of consensus regarding what constitutes success. The forensic and clinical psychopathy (i.e., unsuccessful) literatures are arguably more cohesive than the successful psychopathy literature, but they are still marked by heated debates surrounding, among other issues, the relevance of criminal behavior to psychopathy (Hare & Neumann, 2010; Skeem & Cooke, 2010): Is such behavior central to the construct or merely a correlated behavioral outcome? This issue is also relevant to the successful psychopathy literature, as will become evident in...
subsequent sections.

In recent years, the psychopathy literature, and the personality disorder literature more generally, has become much more integrated with the normal personality literature (Hopwood et al., 2018; Markon, Krueger, & Watson, 2005), which has led to an influx of papers on successful psychopathy. This rapidly growing interest is most evident in the emerging Dark Triad literature (i.e., Machiavellianism, narcissism and psychopathy; Paulhus & Williams, 2002). A Google scholar search using the words “Dark Triad personality” (conducted on 2018-03-12) generated 17,600 hits since 2002. This newly integrated literature stems in part from research on the Five Factor Model (FFM; McCrae & John, 1992) or “Big Five” (Goldberg, 1990), which is a taxonomy for organizing both normal and abnormal personality traits into five broad domains (i.e., extraversion, conscientiousness, neuroticism, agreeableness, and openness to experience; e.g., De Fruyt et al., 2015). Using FFM terminology, global psychopathy is characterized by low levels of neuroticism, with the exception of the facets of angry hostility and impulsiveness, which are both pronounced in psychopathic individuals. It is also associated with high levels of some facets of extraversion, in particular assertiveness and excitement seeking, but also low levels of others, especially warmth. Furthermore, openness to emotions is low, and openness to actions is high. All facets of agreeableness are low. The only facet of conscientiousness on which psychopathic individuals typically obtain high scores is competence (which may be an artifact of self-enhancement on self-report measures), with dutifulness, self-discipline, and deliberation being unusually low (see, Brinkley, Newman, Widiger, & Lynam, 2004; Lynam & Miller, 2015).

Although an FFM approach allows for nuanced interpretations of psychopathy profiles (Lynam & Miller, 2015), a gap in the literature remains, namely, that a working definition of successful psychopathy remains elusive. Most current research refers to successful psychopathy without anchoring the term in any particular conceptualization, an omission that has contributed to considerable ambiguity in the literature. The present study is an attempt to provide a way forward in conceptualizing, operationalizing, and measuring successful psychopathy. We achieve this goal via two steps. First, we analyze six alternative definitions of successful psychopathy to arrive at a proposed two-dimensional view of successful psychopathy. We particularly emphasize that socioeconomic success has been largely overlooked in the literature. Second, we present data on the relations among the triarchic model domains of psychopathy, core adaptive personality functioning, and socioeconomic status (SES) to examine the hypothesis that various psychopathy phenotypes are differentially indicative of success in terms of elevated social status.

2. Conflicting conceptualizations of success

An array of conflicting definitions has been proposed in an effort to define successful psychopathy (Gao & Raine, 2010; Glenn & Raine, 2014). Based on previous literature, we identified six definitions of successful (or subclinical) psychopathy; each has either been previously used in research, been influential in the overarching literature, or both (see Table 1). There is considerable inconsistency among the definitions, which generates confusion in the literature, especially given that researchers are often not explicit about which concepts they have in mind. Without a reasonably explicit working definition of success, theoretical advances may be impeded given that they will be saddled with an ambiguous and perhaps heterogeneous concept.

The definitions differ with regards to whether they entail categorical or dimensional conceptualizations of success. Definitions 1, 2, 4, and 5 entail categorical thinking (i.e., successful versus unsuccessful), whereas 3 and 6, at least implicitly, construe success continuously (i.e., degrees of success). We argue that a dimensional approach to success is preferable from conceptual and psychometric perspectives given that such an approach tends to increase both reliability and validity relative to a discrete approach (Markon, Chmielewski, & Miller, 2011).

<table>
<thead>
<tr>
<th>No.</th>
<th>Definition</th>
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<tbody>
<tr>
<td>1.</td>
<td>Individuals scoring high in psychopathy who have never been convicted of a crime.</td>
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<tr>
<td>2.</td>
<td>Individuals scoring high in psychopathy who are not incarcerated.</td>
</tr>
<tr>
<td>3.</td>
<td>Individuals with psychopathic traits and high social status.</td>
</tr>
<tr>
<td>4.</td>
<td>Serial killers who have escaped detection for a significant period.</td>
</tr>
<tr>
<td>5.</td>
<td>Individuals scoring high in psychopathy who refrain from serious antisocial behavior.</td>
</tr>
<tr>
<td>6.</td>
<td>Individuals scoring high in psychopathy and with high intelligence.</td>
</tr>
</tbody>
</table>

Note. Definitions 1–4 are adopted from Glenn and Raine (2014, p. 149). Definition 5 is adopted from Hall and Benning (2006), and Definition 6 originates in Cleckley (1941/1988).

We next analyze these differing and, in some cases, largely incompatible definitions and offer a suggestion regarding which definition(s) is (are) preferable for future studies. A full delineation and comparison of these definitions is useful for two reasons: (a) to our knowledge, because such a comparison has never been undertaken in the published literature, our analysis should provide a useful resource for evaluating the often-confusing successful psychopathy literature and (b) it allows us to consider the strengths and shortcomings of competing definitions. In addition, our taxonomy of success may permit future researchers conducting meta-analyses to code competing definitions of successful psychopathy as moderators of effect size. As Definition 3 (cf. Table 1) is particularly important for our hypotheses and analyses, we examine it last and with reference to the other definitions.

2.1. Six definitions of successful psychopathy

Definitions 1, 2 and 5 are similar insofar as they all pertain to criminality or antisociality, although they differ in nontrivial ways as well. Definition 1 (“Individuals scoring high in psychopathy who have never been convicted of a crime”) describes an intuitive conceptualization of successful psychopathy, as its opposite (i.e., unsuccessful, or clinical psychopathy) is strongly related to criminal behavior and conviction (Kiehl & Hoffman, 2011). The assumption is that individuals who are not convicted (or perhaps not caught) for their crimes are somehow different from those who are. This position is predicated on whether some psychopathic individuals are equipped with compensatory traits (e.g., high intelligence, intact impulse control) that either lead to less serious (e.g., less violent) criminality or criminality for which one is less likely to be convicted. This conceptualization, although defensible, has its drawbacks. First, it is unlikely that the criminal behavior of psychopaths generates straightforward results in terms of conviction or non-conviction: There are many levels of “noise” in the justice system (e.g., which country, state, type of crime) that can influence who is convicted, and for what. A corollary problem is that a large proportion of criminal activity goes undetected (Elliott, 1995). Arguably, relatively little variance of psychological relevance will be left when all other factors have been considered. Second, to be a useful definition, additional specificity is needed regarding what temporal domain is relevant for ascribing the status “successful.” If two people commit the same type of crimes at the same rate—a 20-year-old and a 60-year-old—surely the 60-year-old has been more successful according to this definition, insofar as he or she has evaded capture for a longer time period. If the 60-year-old is convicted at some point, does he or she suddenly lose the status of being successful?

Regarding Definition 2 (“Individuals scoring high in psychopathy who are not incarcerated”), few clinical (i.e., “unsuccessful”) psychopaths are imprisoned at all times. Thus, this description will merely reflect a shift in status that is time-contingent and is not necessarily
physically meaningful. In other words, such a definition relies heavily on time having passed, as opposed to one or more underlying dispositions. This description creates a genuine possibility that an individual is considered an unsuccessful psychopath on Day 1, and a successful psychopath on Day 2, upon having been released from a criminal or psychiatric institution. Such a description leaves little room for psychological theory, as it negates the possibility of explaining why or how the successful psychopath differs from the unsuccessful psychopath. Needless to say, it also suffers from serious problems with temporal stability, as manifested psychometrically in test-retest reliability.

Definition 4 (“Serial killers who have escaped detection for a significant period”) runs counter to Definition 5 (Hall & Benning, 2006), as serial killers are self-evidently highly antisocial (but not always psychopathic, see e.g., Lilienfeld, 1994; Skeem, Polaschek, Patrick, & Lilienfeld, 2011; but see Gao & Raine, 2010, for an alternative view). There are also practical problems. Very few people, indeed even very few psychopaths, are serial killers. For example, the Federal Bureau of Investigation (2005) reported that less than 1% of U.S. homicides can be attributed to serial offenders. Further, an unknown subset of this group escapes detection for a significant period of time. It seems that, by definition, this group of individuals are unsuccessful, insofar as they have experienced a period of success (i.e., avoided detection), with subsequent permanent lack of success (i.e., having been apprehended). Thus, this definition misses the mark. For both practical and theoretical reasons, this group of individuals is probably more appropriate to study as serial killers, and not as a special subset of psychopaths.

As noted previously, Definition 5 (“Individuals scoring high in psychopathy who refrain from serious antisocial behavior”) is similar to Definitions 1 and 2, but is perhaps more psychologically interesting, as refraining from antisocial behavior probably relates to largely intact executive functions and cognitive control, and a lack of problems with inhibition; attributes that are conspicuously absent in many or most clinical psychopaths (Patrick et al., 2009). One drawback is that what constitutes “serious” antisocial behavior remains unspecified. Although some have argued that antisocial behavior should not be central to the concept of psychopathy (Skeem & Cooke, 2010), there are also good reasons for why it should not be eliminated (Hare & Neumann, 2010). Ultimately, we construe most serious antisocial behavior as aggressive in nature. Thus, we argue that high levels of psychopathic traits and absent or limited aggressive antisocial behavior (cf. Burt, 2009) can be a useful indicator of successful psychopathy. Conceptualized in this way, this definition can be assessed on a continuum, so that a lesser degree of aggressive antisociality indicates greater success.

Regarding Definition 6 (“Individuals scoring high in psychopathy and with high intelligence”), most studies have revealed that intelligence does not display marked associations in either direction with psychopathy or psychopathy subdimensions (e.g., Walsh, Swogger, & Kosson, 2004; but see also Olderbak, Mokros, Nitschke, Habermeyer, & Wilhelm, 2018). One study provided evidence of small correlations between IQ and various self-reported psychopathy subdimensions in a large undergraduate sample (Watts et al., 2016). Another study laid out a detailed account of the relation between crime and exceptionally high intelligence does not display marked associations in either direction with individuals in a student sample (Oleson, 2016). Factors other than intelligence also need to be considered, such as emotion regulation and intact family relations, which are both predictors of refraining from antisocial behavior (Jaffee, Moffitt, Caspi, & Taylor, 2003; Trentacosta & Shaw, 2009). In conclusion, high intelligence may in some cases be a moderating factor in conjunction with psychopathy, but by itself, seems unlikely to make someone successful.

We argue that Definition 3 (“Individuals with psychopathic traits and high social status”) has been largely overlooked in the previous literature, which is surprising given that it is perhaps the most intuitive definition of success. Definition 3 has the important benefit that there is a large literature on indicators of social status, namely SES. SES measures one’s overall position in society, often operationalized using years of education, income, and health as indicators (e.g., Oakes & Rossi, 2003). In addition, SES is associated with what food and art people consume, participation in social institutions and social networks (e.g., schools and social clubs), and which types of activities people undertake (Kraus & Keltner, 2009). Higher SES is also related to perceived trustworthiness and thus extends to reputation, perhaps because trust violations carry greater costs (e.g., social punishments) for high status individuals (Keijzer & Corten, 2017, June 16). Thus, the benefits of using SES to operationalize success are two-fold. First, SES is defined by broad concepts that are highly indicative of success (e.g., high education, high income, and good health), and second, SES has excellent nomothetic span (Whitey, 1983), meaning that it bears an extensive network of relations with other theoretically relevant variables. For instance, literature documents robust relations between SES and academic achievement (Sirin, 2005), decreased risk for depression (Lorant et al., 2003), self-esteem (Twenge & Campbell, 2002), physical health (Agardh, Allebeck, Haliqvist, Moradi, & Sidorchuk, 2011; Winkleby, Jatulis, Frank, & Fortmann, 1992), low levels of adverse life events (McLeod & Kessler, 1990), and intelligence (Lubinski, 2009).

This definition is not without its problems, however. The problem of status change across time remains, as individuals with high social status sometimes descend the socioeconomic ladder. Finding a definition that is always clear-cut or infallible is probably impossible, which favors a conceptualization of success as a complex construct with multiple fallible indicators. In other words, successful psychopathy can be conceptualized much like psychological constructs are customarily conceptualized, that is, in terms of a nomological network (i.e. in a system of predictions linking constructs to external correlates, constructs to other constructs, and external correlates to other external correlates; see Cronbach & Meehl, 1955).

2.2. A two-dimensional view of success

To summarize, we argue that high social status (i.e., socioeconomic success) has been largely overlooked in the literature and that this neglect is problematic, as socioeconomic success is perhaps the most common and intuitive measure of an individual’s success. Conceptualizing success using only one of the definitions may be overly strict, so we argue that success is an outcome that can and probably should be operationalized in multiple ways. Accordingly, we suggest that successful psychopathy can be clarified if conceptualized as a dimensional variable constituted by high levels of psychopathic traits and at least one of two conditions: (a) high social status, (b) absence of, or limited, aggressive antisocial behavior. We further posit that (c), high levels of intelligence or other compensatory cognitive or personality functions (e.g., high levels of executive functioning, low levels of disinhibition) are potential moderators of success worthy of further study, although we do not examine these moderators in the present study.

For the purposes of the present study, we propose that an individual fitting condition (a) outlined earlier has either managed to maintain (if born into a high SES family) high SES or advance into high SES in adulthood. We posit that this state of affairs is facilitated by possessing high levels of traits predisposing one to be bold (i.e., social dominance, fearlessness, emotional resilience, and stress immunity), higher than average meanness, and relatively low levels of disinhibition. This conceptualization dovetails with a view of successful psychopathy as essentially adaptive, in the sense that such an individual tends to rise toward the top of social hierarchies, despite (or in limited cases,
perhaps because of) behaving immorally.

3. The present study

The aforementioned conceptualization dovetails well with the triarchic model of psychopathy (Patrick et al., 2009). This model encompasses the domains of boldness, meanness, and disinhibition, which are considered singly necessary and jointly sufficient conditions for the full condition of psychopathy. Boldness, in particular, is potentially relevant to successful psychopathy given its conceptual and empirical linkages to adaptive and high-functioning personality characteristics. Nevertheless, the relevance of boldness to psychopathy has been challenged by some scholars (Gatner, Douglas, & Hart, 2016; Miller, Lamkin, Maple-Keller, & Lynam, 2016; Miller & Lynam, 2012). In contrast, others have defended the importance of boldness to psychopathy, especially to successful psychopathy (Berg, Lilienfeld, & Sellbom, 2017; Lilienfeld et al., 2012; Lilienfeld et al., 2016). In notable respects, this conceptual disagreement traces back to historical accounts of psychopathy (see Miller & Lynam, 2015). For instance, Cleckley (1941/1988) emphasized superficial charm, apparent intelligence, positive first impressions, and relative immunity to neurotic symptoms and suicidal behavior as important psychopathic features, while deemphasizing violence and aggression. In contrast, in Hare’s seminal contributions, including the Psychopathy Checklist—Revised (PCL-R; Hare, 1991–2003) — which was influenced by Cleckley’s work — greater attention was paid to antisocial and, to a lesser extent, criminal behavior (Hare & Neumann, 2010).

Previous studies using a well-validated self-report measure of the triarchic model, the Triarchic Psychopathy Measure (TriPM; Drislane, Brislin, Jones, & Patrick, 2018; Patrick et al., 2009), have shown that boldness is highly positively correlated with emotional stability (r = 0.73; Lilienfeld et al., 2016), negatively with all facets of neuroticism with the exception of impulsivity, positively correlated with surgent extraversion and openness, negatively correlated with straightforwardness and modesty (both facets of agreeableness), as well as moderately positively correlated with competence (Poy, Segarra, Esteller, López, & Molto, 2014). Meanness is highly negatively correlated with agreeableness, positively correlated with angry hostility and excitement-seeking, and negatively related to conscientiousness (Poy et al., 2014). Finally, disinhibition is positively correlated with neuroticism, and negatively correlated with agreeableness and conscientiousness (Poy et al., 2014). Taken together, boldness generally manifests clearer relations with traditionally “adaptive traits,” such as emotional stability (cf. Lykken, 1957), extraversion, and openness, whereas meanness and disinhibition manifest clearer relations with traditionally “maladaptive traits,” such as neuroticism, disagreeableness, and low conscientiousness.

In the present study, we adopt the view that boldness is highly relevant for successful psychopathy as individuals with the maladaptive traits of meanness and disinhibition are much less likely to attain success. Better functioning individuals will be more likely to rise to the top of the social ladder compared with more poorly functioning individuals (cf. Lahey, 2009).

On the basis of the arguments and research presented, we posit three hypotheses aimed at testing whether the triarchic model can differentiate successful from unsuccessful psychopathy, as conceptualized in the present study:

**Hypothesis 1.** Boldness is positively related to SES and negatively related to personality dysfunction.

**Hypothesis 2.** Meanness is unrelated to SES and positively related to personality dysfunction.

**Hypothesis 3.** Disinhibition is negatively related to SES and positively related to personality dysfunction, to a greater degree than meanness.

4. Method

4.1. Participants

Participant data (N = 591, nmeas = 241, neconomic = 350) were collected through Amazon’s Mechanical Turk (MTurk; for a review of this data collection technique, see Thomas & Clifford, 2017), which has been used successfully in the study of personality disorder traits (Miller, Crowe, Weiss, Maple-Keller, & Lynam, 2017). The MTurk workers, who were limited to U.S. residents, received $3.50 as compensation for participating. The median completion time was 44.35 min (M = 58.39, SD = 58.63). Four control questions (e.g., “I have used a computer in the past 2 years”, “I am president of the United States”) were added to the survey as inattention checks. A total of 26 participants were excluded from the final analyses on the basis of these checks. Participants’ mean age was 39.57 years (SD = 12.28). Although there are limitations to MTurk research — perhaps most notably the participants’ physical isolation leading to a lack of researcher control — the use of a community sample is preferable to a student sample for our present study, as social success in the former sample is generally attained later in life.

4.2. Measures

4.2.1. SES

Four items were collected to assess SES. These items were level of education, household income, general health, and finally one item regarding perceived SES. Education was assessed on a scale with 12 steps, ranging from 1 = No schooling completed to 12 = Doctorate degree. The median was 9 (M = 8.01, SD = 1.66), which corresponded to the category Bachelor’s degree. Household income was also measured in 12 steps, starting with 1 = Less than $10,000 and increasing in $10,000 increments to 12 = $150,000 or more. General health was rated on a 5-point scale, where 1 = Excellent and 5 = Poor. Participants’ scores on this scale were reverse-coded (such that higher scores indicate better health) prior to analysis. The mean value for the health item was 3.51 (SD = 0.96). Finally, the item assessing perceived subjective status was collected using the MacArthur Scale of Subjective Social Status (e.g., Adler, Epel, Castellazzo, & Ickovics, 2000), which is a visual presentation of a ladder with 10 rungs onto which participants are asked to place themselves. Regarding dimensionality of the items, a parallel analysis (Horn, 1965; Hoyle & Duvall, 2004), which uses random data simulation to estimate the number of components or factors in a dataset, suggested the extraction of 1 component. Nevertheless, when calculating Cronbach’s alpha, it was evident that the health item lowered the internal consistency (from 0.66 to 0.64). Thus, we omitted the health item and created a composite score by computing the sum of the other three items. Descriptive statistics and reliability coefficients for

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3 Missing values were very sparse and thus handled by using complete observations in all analyses. The number of observations is 584 or more in all analyses.

4 When conducting an exploratory factor analysis, the item assessing health loaded on a second factor. Dropping indicators on a post-hoc basis can be questionable. However, given that the SES questions were not part of a
allows for calculation of a total score and four facet scores, tapping the scales are not positively correlated.  

TriPM are analyzed. The rationale behind the model is such that the triarchic model domains are used as predictors of SES and personality dysfunction, respectively.  

The model was estimated using maximum likelihood estimation with robust (Huber-White) standard errors and a scaled test statistic, which is appropriate when multivariate normality is not met. This approach assumes normally distributed continuous latent variables. All analyses were conducted in the R library lavaan version 0.6–3 (Rosseel, 2012) using the MLR estimator. Because the χ² statistic is sensitive to sample size, we did not use it as a sole indicator of model fit. Instead, we used the robust versions of the Tucker-Lewis index (TLI; Tucker & Lewis, 1973), comparative fit index (CFI; Bentler, 1990), root mean square error of approximation (RMSEA; Steiger, 1990), and standardized root mean square residual (SRMR; Bentler, 1995). Even perfect model fit does not guarantee correct model specification, however, as there also exist other equivalent models, and also nonequivalent but potentially well-fitting alternative models (Tomarken & Waller, 2003).  

5. Results

First, we examined the bivariate relations among the measures of the three triarchic constructs (see Table 3). Gignac and Szodorai (2016) established effect size guidelines, where r = 0.10, r = 0.20, and r = 0.30 were recommended as relatively small, medium, and relatively large, respectively. Using these guidelines, the relations among the psychopathy domains, personality dysfunction, and SES were in line with predictions. Boldness was consistently negatively related to the facets of personality dysfunction (rs ranging from −0.29 to −0.47) and positively related to SES (rSES Total = 0.20). Meanness was strongly positively correlated with personality dysfunction facets (rs ranging from 0.37 to 0.59) and not significantly related to SES. Finally, disinhibition yielded even stronger relations with personality dysfunction facets (rs ranging from 0.60 to 0.68) and was negatively related to SES (rSES composite = −0.18). Additionally, the correlations between SES variables and personality dysfunction were negative and small to medium in size. For instance, the SES composite correlated most strongly with the intimacy facet (r = −0.21), perhaps reflecting the relation of both constructs to the interpersonal domain.

We next conducted a SEM in which SES and LPFS-SR were regressed using the three psychopathy domains (see Fig. 1). The model fit was good: χ² = 23.685(8), CFI = 0.951, TLI = 0.952, RMSEA = 0.059 [95% CI: 0.033, 0.087], SRMR = 0.024. The parameter estimates were similar to the results obtained in the bivariate analysis, but also elucidate more clearly how the psychopathy domains diverged in their relations with SES and personality dysfunction. Although the effects were relatively modest, they showed the expected inverse patterns.

We also tested a second model where we included the SES item measuring health. As expected, the second model showed worse fit: χ² = 64.221(14), CFI = 0.951, TLI = 0.912, RMSEA = 0.077 [95% CI: 0.058, 0.096], SRMR = 0.048. Including the health item resulted in relatively small changes in parameter estimates, the largest one being the relation between boldness and SES, which changed from 0.22 to 0.25. In both models, SES and personality dysfunction correlated a mere 0.01, indicating that the two constructs are essentially independent, despite generating similar patterns of results with respect to psychopathy.

6. Discussion

After analyzing six definitions of successful psychopathy, we concluded that success is best conceptualized as a continuous variable, with two conditions in mind: (a) high social status, and (b) lack of serious antisocial behavior. Additionally, we posited that condition (c), high levels of intelligence or other compensatory cognitive and personality functions (e.g., high levels of executive functioning, low levels of disinhibition), is a likely candidate in the moderation of success, although we did not examine this condition in our investigation. We argue that...
there are many benefits to using SES as one key indicator of social success with respect to psychopathy: This variable allows for longitudinal analyses of changes in an individual's level of success across the life span. In addition, SES can be studied from multiple perspectives (e.g., subjective and objective SES), which optimally affords greater insight into how individuals rate or view their standing in society relative to others, and consequently to what extent such insight relates to various relevant outcomes. SES also allows for analysis across multiple levels of abstraction (e.g., individual or neighborhood analyses), thereby allowing for separation of sources of variance to better understand which individuals succeed, and under what conditions.

The three hypotheses were broadly corroborated by our findings. Disinhibition, as expected, was negatively related to SES and positively related to personality dysfunction, which is interpretable in light of the well-established relations between disinhibition and various kinds of externalizing psychopathology (Bogg & Roberts, 2004; Patrick et al., 2009). Such psychopathology in turn is unlikely to generate success as we conceptualize it here. Meanness was not significantly related to SES but positively related to domains of personality dysfunction. A particularly large statistical effect was seen in relation to the LPFS-SR domain of empathy, which is intuitive given that empathy dysfunction, at least in the emotional realm, appears to be central to psychopathy in network analyses (e.g., Verschuere et al., 2018).

6.1. Is boldness indicative of psychopathy?

As previously discussed, one of the main controversies within the psychopathy literature is whether presumably adaptive features (e.g., low anxiety) of psychopathy should be included in the psychopathy construct, or whether psychopathy should be viewed as largely or entirely maladaptive (cf. Lilienfeld et al., 2012; Miller & Lynam, 2012). From the perspective of the triarchic model, these competing perspectives bear on the question of whether boldness should be considered relevant to psychopathy given that boldness correlates positively with traits that tend to be psychologically adaptive (e.g., emotional stability, surgent extraversion).

Our position is that psychopathy (and indeed some traditional personality disorders more broadly, such as narcissistic and histrionic personality disorders) can and does include adaptive features, but that the individual's behavior is influenced by the relative balance of traits, whether organized according to the triarchic model or otherwise. For example, we posit that boldness is much more pronounced in successful psychopathy, relative to meanness and disinhibition, which are more pronounced in unsuccessful psychopathy. Lilienfeld et al. (2012) observed that differences in opinion in the psychopathy literature may be due largely to competing and equally legitimate formulations of the nomological network (Cronbach & Meehl, 1955) constituting psychopathy.

We offer three suggestions for paving a way forward in this debate.

### Table 3
Zero-order correlations between TriPM Domains, LPFS-SR, and SES.

<table>
<thead>
<tr>
<th></th>
<th>Boldness</th>
<th>Meanness</th>
<th>Disinhibition</th>
<th>TriPM total</th>
<th>LPFS identity</th>
<th>LPFS self-direction</th>
<th>LPFS empathy</th>
<th>LPFS intimacy</th>
<th>LPFS total</th>
<th>Education</th>
<th>Income</th>
<th>Ladder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meanness</td>
<td>0.04</td>
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<tr>
<td>Disinhibition</td>
<td>0.20</td>
<td>0.58</td>
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<tr>
<td>TriPM total</td>
<td>0.47</td>
<td>0.81</td>
<td>0.68</td>
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<td>LPFS identity</td>
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<td>LPFS self-direction</td>
<td>-0.39</td>
<td>0.48</td>
<td>0.66</td>
<td>0.36</td>
<td>0.81</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>LPFS empathy</td>
<td>0.29</td>
<td>0.59</td>
<td>0.62</td>
<td>0.45</td>
<td>0.73</td>
<td>0.78</td>
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<tr>
<td>LPFS intimacy</td>
<td>0.30</td>
<td>0.56</td>
<td>0.61</td>
<td>0.42</td>
<td>0.75</td>
<td>0.76</td>
<td>0.79</td>
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<tr>
<td>LPFS total</td>
<td>-0.41</td>
<td>0.54</td>
<td>0.68</td>
<td>0.39</td>
<td>0.92</td>
<td>0.92</td>
<td>0.88</td>
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<td>Education</td>
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<td>0.04</td>
<td>-0.11</td>
<td>0.02</td>
<td>-0.01</td>
<td>-0.06</td>
<td>-0.02</td>
<td>-0.08</td>
<td>-0.05</td>
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</tr>
<tr>
<td>Income</td>
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<td>-0.05</td>
<td>-0.14</td>
<td>-0.01</td>
<td>-0.07</td>
<td>-0.13</td>
<td>-0.10</td>
<td>-0.20</td>
<td>-0.14</td>
<td>0.38</td>
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<tr>
<td>Ladder</td>
<td>0.26</td>
<td>-0.08</td>
<td>-0.20</td>
<td>0.00</td>
<td>-0.15</td>
<td>-0.18</td>
<td>-0.13</td>
<td>-0.20</td>
<td>-0.18</td>
<td>0.35</td>
<td>0.61</td>
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<tr>
<td>SES total</td>
<td>0.20</td>
<td>-0.04</td>
<td>-0.18</td>
<td>0.00</td>
<td>-0.09</td>
<td>-0.15</td>
<td>-0.11</td>
<td>-0.21</td>
<td>-0.16</td>
<td>0.65</td>
<td>0.91</td>
<td>0.79</td>
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</table>

Note. $r_s > |0.11|$ are significant at 0.01 level.

Fig. 1. SEM depicting relations between psychopathy domains (i.e., boldness, meanness, and disinhibition), SES and personality dysfunction (LPFS-SR).
First, by testing hypotheses with regards to the FFM, a clearer picture of the similarities and differences among distinct psychopathy measures and general personality will hopefully emerge (e.g., Cresco & Widiger, 2014; Poy et al., 2014). Specifically, researchers should juxtapose different accounts of both successful and unsuccessful psychopathy in relation to the FFM, or more broadly, connecting the psychopathy literature with the general personality literature (see Lilienfeld, 2018, for an extended discussion). Second, successful psychopathy in particular warrants additional attention in special populations, for instance in corporate, military, politics, and first responders (cf. Patton, Smith, & Lilienfeld, 2017), which are ostensibly populations in which adaptive features of psychopathy, such as fearlessness, may be especially pronounced. Third, a number of interesting questions emerge as a consequence of this study. Our two-dimensional proposal of successful psychopathy can be empirically tested. For instance, it is possible that the two dimensions we propose are related via a shared mechanism that facilitates behavioral alternatives to aggression (e.g., manipulation), which in turn, contributes to increases in SES. If these two dimensions are positively related, a more cogent picture of successful psychopathy will hopefully emerge.

6.2. Limitations

On the conceptual level, we have provided arguments for why successful psychopathy should be conceptualized and operationalized in part in terms of socioeconomic success, in particular as operationalized through SES. Nevertheless, it plausible that the construct of “non-criminal” or “non-violent” psychopathy is also worth pursuing (cf. Lilienfeld, Watts, & Smith, 2015; Smith, Watts & Lilienfeld, 2014). Further, we suspect that high intelligence (cf. Definition 6, Table 1) is more likely a moderator of success, but is not, in itself, central to causing success. Methodologically, one may be concerned that individuals with high psychopathic traits do not accurately report on their SES. The accuracy of reports of SES, specifically, is unknown, but distorted responding has been studied more generally in both student and forensic settings (Kelsey, Rogers, & Robinson, 2015; Ray et al., 2013; Watts et al., 2016). This research suggests that higher levels of psychopathic traits are not necessarily related to distorted responding so long as no external incentives to lie are present (Kelsey et al., 2015). A related issue is the use of an MTurk sample. Although MTurk has its methodological limitations, it is preferable over a student sample for testing our hypotheses, especially considering that success is accrued over time, and that the potential for success in a 20-year-old is much more limited than in a 40-year-old.

One may also question our use of composite scores in the SEM, as we did not explicitly test the dimensionality of each composite in measurement models. Our reasons for doing so are two-fold. First, factor models (especially confirmatory) of personality trait inventories often show significant model misfit, especially when the number of items is large (Hopwood & Donnellan, 2010). Second, performing rigorous tests on each inventory goes beyond the scope of the present study, but has been conducted elsewhere (Sleep, Lynam, Widiger, Crowe, & Miller, 2018, May 3; Somma, Borroni, Drislane, Patrick, & Fossati, 2018). Additionally, SES is often regarded as a variable than lends itself to formative measurement (Howell, Breivik, & Wilcox, 2007), which is to say that the indicators themselves comprise the latent variable rather than vice-versa, as in reflective measurement. Nevertheless, subjective measures of SES can be modeled reflectively, as the items are saturated by measurement error just as are ordinary personality items (Edwards, 2011) and SES may be a marker of underlying economic and social hardiness.

In addition, we measured SES using questions that are subjective in nature. More extensive SES batteries and complementary objective data should help to increase the psychometric rigor of future research. Another psychometric issue is posed by the problem of equivalent SEMs. Alternative conceptualizations of the presented data are possible, for instance by using personality dysfunction as a moderator of success. Such models are beyond the scope of the present paper but may provide fruitful avenues for future research. Furthermore, the administration of questionnaires was not counter-balanced across participants which could potentially confound results. Finally, the cross-sectional nature of our design precludes inferences regarding temporal precedence.

7. Conclusion

In sum, we have argued that successful psychopathy is best conceptualized in terms of two dimensions and that one viable but largely overlooked operationalization focuses on socioeconomic success, which allows for a dimensional view of success. In support, we presented data demonstrating that adaptive features of psychopathy (i.e., boldness) are positively related to socioeconomic status and personality functioning, and that more maladaptive features (i.e., meanness and disinhibition) are negatively related to SES and personality functioning. Our hope is that the present study articulates some of the challenges and debates confronting the evolving field of successful psychopathy and ultimately leads to improved theories and measurement of both successful and unsuccessful psychopathy.

References


