

系所組：心理輔導學系碩士班

日期節次：100年3月19日第2節 11:00-12:30

科目：輔導研究法（含心理測驗與統計）

壹、閱讀下述文章，然後用中文回答問題。（須標題號並依序作答，不依序作答要扣分）（25 分）

A study summary by Geoffrey J. Palmer,

The purpose of this study was to examine the reliability and validity of the Attitudes Toward Seeking Professional Psychological Help Scale (ATSPPHS) among Jamaican Americans. The psychometric properties of the ATSPPHS were investigated to identify its appropriateness of measuring attitudes toward seeking mental health services of this Caribbean population. Ninety four Jamaican Americans completed the ATSPPHS which was developed by Fischer and Turner in 1970, and a demographic information form. An estimate of Cronbach's alpha reliability coefficient for the overall ATSPPHS, and the four attitudinal factors were calculated to determine reliability. Principal components analysis was utilized to examine the structure of the factors and validity. An estimated correlation matrix was used to determine facets of both reliability and validity. The estimate of Cronbach's alpha reliability coefficient for the overall ATSPPHS with the Jamaican American sample was $\alpha = .87$. This result represented strong reliability for the overall scores of the ATSPPHS and shared similar findings with Fischer and Turner's (1970) original standardized population. The principal component analysis revealed only one attitudinal factor differing sharply from Fischer and Turner's (1970) factor analysis producing four independent factors. Validity of the ATSPPHS was not established with the Jamaican American sample. Implications highlighted the potential for helping professionals to greater serve populations that traditionally underutilize mental health services through a more sophisticated understanding of attitudes toward seeking mental health services. Future research concerning potential barriers to receiving help such as economic influences on culture and characteristics of Afro-Caribbean cultural distinctiveness are recommended.

1. 本研究之二個目的為何？（2 分）
2. 本研究中所用的工具為何？（2 分）
3. 本研究之對象為何？（2 分）
4. 作者提出本研究的意涵為何？（3 分）
5. 根據本研究結果，作者提出什麼建議？（3 分）
6. 本研究的題目如何訂定才是適切的？（3 分）

本 試 題 採
雙 面 印 刷

7. 你對本研究的評論為何？(3 分)

8. 本研究用了哪些分析方法評估信度和效度？其結果如何？(7 分)

貳、閱讀下述文章，然後用中文回答問題。（須標題號並依序作答，不依序作答要扣分）（25 分）

A study summary by Anne Hartley Pfohl

The purpose of the study is to examine help seeking attitudes and behaviors in graduate students studying to be counselors. A random sample of 1,000 student members of the American Counseling Association was surveyed. Of the 1,000 questionnaires mailed, 310 were returned for a rate of 31%. Attitudes about psychological help seeking were assessed using the Attitudes Toward Seeking Professional Psychological Help scale (Fischer & Farina, 1995). The stigma (污名) associated with seeking psychological help can also be salient to help seeking attitudes and behaviors. Two scales measuring stigma concerns for seeking psychological help were selected for the current study: the Self Stigma of Seeking Help (private stigma), and the Social Stigma for Receiving Psychological Help (public stigma). Finally, participants' level of comfort with disclosing distressing (透露憂傷) information to others was measured using the Distress Disclosure Index (Kahn & Hessling, 2001).

Existing research also suggests that individuals' perceptions of practical (e.g. cost, time, transportation) and emotional (e.g. stigma concerns) barriers (阻礙) to counseling influence their help seeking behaviors. Counseling trainees were asked about their perceived barriers to seeking psychological help as they influenced concerns about the affordability, accessibility, availability, and acceptability of seeking psychological help.

In order to answer questions regarding counseling trainees' psychological help seeking attitudes and behaviors, the statistical tools of t-tests of independent samples, analysis of variance, and multiple regression were applied. Results indicated that counseling trainees who had not previously sought psychological help held more negative attitudes toward seeking that help, and had higher levels of stigma concerns (public and private) about seeking psychological help. Level of graduate training did not appear to impact stigma concerns about seeking help. Finally, in the multiple regression analysis, predictor

系所組：心理輔導學系碩士班

日期節次：100年3月19日第2節 11:00-12:30

科目：輔導研究法（含心理測驗與統計）

variables of self (private) stigma concerns, previous experience of counseling, social (public) stigma concerns, gender, and comfort with distress disclosure explained 32% of the variance in participants' attitudes toward seeking professional psychological help scores (ATSPPHS).

1. 本研究之目的為何？(2 分)
2. 本研究之研究方法是什麼？(2 分)
3. 本研究之主要依變項為何？(2 分)
4. 本研究使用哪些統計方法？(2 分)
5. 本研究中所用的工具為何？(3 分)
6. 本研究的題目如何訂定才是適切的？(3 分)
7. 本研究之自變項(或預測變項)有哪些？(5 分)
8. 本研究統計分析結果為何？請分項陳述。(6 分)

參、要比較二種教學法何者較優而使用 t test，請回答下列問題。(須標題號並依序作答，不依序作答要扣分) (12 分)

1. 何謂獨立樣本 t test?
2. 其公式為何？
3. 請用文字描述公式之意思。
4. t 值在什麼情形下達到統計顯著水準？

肆、在比較三種教學法何者較優時，要選用 t test 或 ANOVA？請詳述其理由。(3 分)

伍、已知有 X, Y 兩變數，請回答下列問題：(須標題號並依序作答，不依序作答要扣分) (5 分)

1. 為何可求出兩條回歸線？
2. 兩條回歸線何時會相同 (identical)？

陸、某學者想根據高中成績 (X1)、智商(X2)、焦慮(X3)、預測大學學測成績(Y)，求得多元相關 $R = .789$ 。其 ANOVA 分析如表一，回歸分析如表二。請回答下列問題：(須標題號並依序作答，不依序作答要扣分) (20 分)

中國文化大學 100 學年度碩士班考試入學招生考試

系所組：心理輔導學系碩士班

日期節次：100 年 3 月 19 日第 2 節 11:00-12:30

科目：輔導研究法（含心理測驗與統計）

表一 ANOVA分析

模式		平方和	自由度	平均平方和	F 檢定	顯著性
1	迴歸	455.639	3	151.880	35.272	.000
	殘差	275.582	64	4.306		
	總和	731.221	67			

預測變數：(常數), X1, X2, X3 依變數：Y

表二 回歸分析

模式		未標準化係數		標準化係數	t	顯著性
		B 之估計值	標準誤	Beta 分配		
1	(常數)	6.396	1.766		3.623	.001
	X1	.650	.108	.547	6.015	.000
	X3	-.219	.071	-.274	-3.097	.003
	X2	.395	.214	.152	1.844	.070

a 依變數：Y

1. 本題之決定係數 = ? ,
2. 依本題之 X1, X2, X3, Y等變數間之關係, 請用文字描述本題之決定係數的意義?
3. 依表一 ANOVA分析結果, 描述其意義。
4. 本題之預測變數是否達到顯著水準? 你的依據理由為何?
5. 本題之原始分數的回歸方程式為何?

柒、請回答下列問題：（須標題號並依序作答，不依序作答要扣分）
（10 分）

1. 何謂估計標準誤? 其公式為何? 其用途為何?
2. 何謂測量標準誤? 其公式為何? 其用途為何?

本 試 題 採
雙 面 印 刷