

* دوخم، الحنيط
 * قبالان المجال،
 * سعود الطيب
 * حسين العثمان
 * أمجد جرار

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Discriminating Poor from Non poor Households in the Remote Communities of the Southern Part of Jordan

**Dukhi Al-Hunaiti
 Qablan Al-Majali
 Saud Al-Tayeb
 Husein Al-Othman
 Amjad Jarrar**

Abstract

The aim of this study is to discriminate poor households from non poor households in the remote communities of the southern part of Jordan. To achieve this goal, a random sample of (203) households (from 660 households in 11 communities) was selected and three personal interview questionnaires were used to collect the data. Moreover, discriminant analysis was applied to analyze the data. The results of statistical analyses have revealed that the absolute poor households were discriminated by the following variables: unemployment average, household's ownership, expenditure on gifts, sex ratio, agricultural loaned ownership, age, means of mail, video caste ownership. In addition, the statistical analyses have revealed that the absolute poor households were discriminated by the following variables: number of electric machine in house, percentage of unemployed people, video caste ownership, percentage of hand capelin in the household, and sex ratio

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.(Lipsey R, 1989

(1998)

.(CEPAL, 1997)

(World Bank 1993)

62.2

21

10.8

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.(World Bank Report, 1995)

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Global estimate of) 80

.(Undernourished on Michael Lipton, 1993

(1995) Chombers, Rober

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.(Bremer, James, 1995)

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50.45

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:(1994)

$$n = \frac{pq}{\frac{pq}{N} + \frac{E^2}{Z^2 \frac{\alpha}{2}}}$$

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: n

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P

: q

: Z

. 95

1.96

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: E

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: N

: 201

$$n = \frac{0.25}{\frac{0.25}{6600} + \frac{0.081^2}{1.96^2}}$$

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: (1)

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20	10	20	+11001 11007	2	7	506	3111122		
20	10	20	+ 11007 11010	2	10	739	3113211		
10	10	10	11003	1	5	308	3113212		
20	10	20	+ 11005 11002	2	6	476	3113214		
40	10	40	+ 11002 + 11009 + 11017 11016	4	17	1339	3121111		
10	10	10	11001	1	1	29	3211119		
40	10	40	+ 11013 + 11003 + 11009 11002	4	21	1424	3211211		
10	10	10	11001	1	2	106	3311117		
10	10	10	11007	1	7	425	3311122		
10	10	10	11002	1	2	126	3311124		
10	10	10	11001	1	2	100	3312123		
200	110	200	20	20	80	5578	-		

Multiple)

(Linear Discriminate Analysis

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(Discriminating Variables)

(Discriminate Coefficients)

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-:

(Interrelationships)

(1)

(Overlapping)

(2)

Between- Groups - Sums -)

: .()

(Within - Groups - Sums - of - Squares)

(of - Squares

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(F)

(F) .(Norusis, Morusis J., 1990: P14) (Wilks Lambda)

(Wilks Lambda)

(Standardization Discriminant Coefficients):

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:(Nie, Norman H., et al., 1975) (b)

$$\tilde{y} = b_1x_1 + b_2x_2 + \dots + b_nx_n \quad (1)$$

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(1)

: □

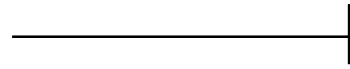
. n : x_n

.() : b_n

(1-) . : n

(n)

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(b)

$$W = s_1 b_1 + s_2 b_2 + \dots + s_n b_n + f$$

(2)

:

: f

:

: s_n

()

: b_n

: n

: W

(3)

$$Kic = t_1cs_1 + t_2cs_2 + \dots + t_ncs_n + f$$

(3)

(c)

(i)

(c)

(i)

:

:

:

: f

: tc_e

: s_e

: n_e

: Kic

(SPSS)

:

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0=)

14.92

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27.48

.(2003)

(2)

(Partial F Ratio)

F

F

(Discrimination)

(F)

(11)

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14

() : (2)

Wilks' Lambda	Sig. of F to Remove	Tolerance		
0.039	317.730	0.010	(2= 1=)	1
0.017	132.419	0.008	()	2
0.013	104.140	0.014)	3
0.044	359.584	0.002	(4
0.026	209.470	0.002		5
0.009	71.017	0.062		6
0.009	71.291	0.063	()	7
0.005	30.351	0.142		8
0.002	6.595	0.485	()	9
0.003	13.484	0.209		10
0.002	7.262	0.309	()	11
عدد المتغيرات المهمة في التمييز 11				

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(2)

(F)

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و10

20

. 20

25

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32

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(1997

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57

.(World Bank, 1994)

15 .(1998)
33
13 27
24 8
(1997) 41 8
28 67

(1)

(2)

		30,	19	
23.3				33.5
				48.2
1044,	597.2			860
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8	14			
		882,	548	
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		9	19	
0.8			11	

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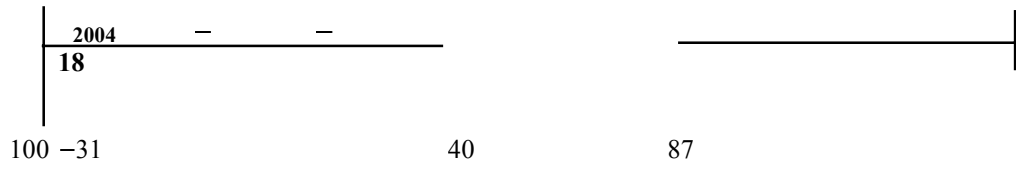
(16 :1990)

Social-Cultural

52
100 109 : 48
97

21.8
16 .
73.2 . 26 16
. 88 73 17
13 18 67 22
17 5
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67 10 31 61
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30

Median Age

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child-woman

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5 636.9

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97 و

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¹⁰ (عدد النساء اللاتي تتراوح أعمارهن بين 15-49 سنة)



(0.05 = α)

(3)

:(3)

Canonical Correlation	of Variance %	Eigenvalue	
100.0	100.0	1047.43	1
First 1 canonical discriminate functions were used in the analysis.			

Standardized Discriminate Coefficient

(3)

100

(0.00 = α)

100

()

Standardized

(4)

()

:(4)

Standardized Canonical Discriminate Function Coefficient

Function		
9.943	(2= 1=)	1
0.966-	()	2
1.242	()	3
3.824-		4
11.001-	()	5
8.057	()	6
3.768	()	7
2.362		8
1.734-		9
21.083		10
25.103-		11

(133.83) (5)

(-7.044)

Functions at Group Centroid

:(5)

133.832	
7.044-	
Unstandardized canonical discriminate functions evaluated at group means	

100

(6)

()

86.93 () χ^2

0.00

() λ

.000

:(6)

Sig.	df	Chi-square	Wilks' Lambda	(Test of Function)
0.00	11	86.93	0.00	1

Unstandardized Discriminate Coefficient

(7)

:(7)

43.340	(2= 1=)	1
4.209-	()	2
2.745	()	3
0.079-		4
29.365-	()	5
0.049	()	6
3.245	()	7
0.213		8
2.019-		9
83.586		10
26.282-		11
55.416-		12

()

()

(8)

(Partial F Ratio)

F

F

(Discrimination)

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15.8

10.7

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2.79

3.03

2.26

1.90

Wilks' Lambda	Sig. of F to Remove	Tolerance		
0.154	3538.043	0.002	()	1
0.129	2959.112	0.002		2
0.037	845.060	0.006	()	3
0.022	492.573	0.008	()	4
0.004	97.025	0.039		5
0.001	12.566	0.199	()	6
عدد المتغيرات المهمة في التمييز 6				

* *
 (F-To-Remove-Test) F F
 - - ()
 (0.05 = α) (9)

:(9)

Canonical Correlation	of Variance%	Eigenvalue	
100.0	100.0	4603.42	1
First 1 canonical discriminate functions were used in the analysis.			

Standardized Discriminate Coefficient

(10)

100

(0.000 = α)

100

()

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(10)

Standardized

:(10)

Standardized Canonical Discriminate Function Coefficient

(Function)		
12.939-	()	1
11.462	()	2
1.898-	()	3
4.925		4
24.941		5
22.269	()	6

(-73.285) (11)

(52.349)

() .(100)

X² (0.00) () λ

.(0.00) (59.04) ()

:(11)

Sig.	df	Chi-square	Wilks' Lambda	إختبار النموذج (Test of Function)
0.00	6	59.04	0.00	1

()

()

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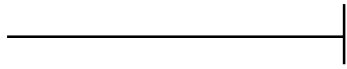
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(0.000 = α)

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Bremer, James, (1995) " Racial and ethnic differences in birth weight: the role of income and financial assistance", Demography, Vol 32. No2. May 1995 (Washington, D.C), P.242.

CEPAL. (1997), La Medicion Delos Niveles Dela Poblacion Mediante La Aplicacion De Diversas Metodologias, La Experiencia De Mexico, Seminar on Poverty Statistics, Santiago, Chile,

Chombers, Robert (1995), Poverty and Livelihoods: Whose Reality Counts? pp.18-22.

Global estimate of Undernourished on Michael Lipton, (1993) Poverty Undercoating, and Hunger, Staff Waking Paper 597 (Washington, D. C.

World Bank, 1983); Lipton, Poor and Poorest: and World Bank, Poverty and Hunger.

Lipsey R (1989)., An Introduction to positive Economics , 7 the ed , Weidonfeld and Nicolson , London.

Nie, Norman H., et al., (1975), Statistical Package for the Social Sciences (N.Y. McGraw-Hill Book Company) p.442.

Norusis, Morusis J.,(1990), SPSS/PC+ Advanced Statistics 4.0, SPSS inc. Chicago, p. B-14.

World Bank (1993), Poverty Assessment of Jordan , Vol.1, 1994, p.167. and Ministry of Socil Development , Poverty Pockets of Jordan.

World Bank. Policy Paper: (1994) Housing Enabling Markets to Work.

World Bank Report (1995), Assessment of Poverty , Main Report, 1994, p.160.



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