

## ( Mass Campaign)

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// : // :

Reliability.

OR

Construct Validity.

Principal Components Analysis

% / % / % /

KAP Mass Campaign :

(% )

%

%

( )  
 ( )  
 ( ) WHO (EPI)  
 WHO UNICEF

/

%

( ) %

Mass )

(Campaign

( )

( )

-

$$P = \frac{\quad}{\quad}$$

....

(proportional allocation)



)

.(

/

MR

/ .

% / .

% / .

/ .

/ .

%

/

%

/ / % /

% /

MR

% / .

. ( )

% .

MMR

Ronne

% .

%

:

% / .

"

%

% .

( MMR)

% / .

. ( )

% / .

Isomura

% / % /

MR

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Internal

Consistency  
Principal Component Analysis  
Valied

.( )

Odds Ratio

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/	/
/	/
/	/

$\chi^2 = 31.48$   
P-Value < 0.001  
OR= 3.31  
%95 CI OR= (2.16 ,5.07)

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/	/
/	/

$\chi^2 = 8.92$       P-Value = 0.003  
OR= 3.58      %95 CI OR= (1.47 , 8.68)

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$\chi^2 = 6.04$	/	$\chi^2 = 3.39$	/
P-Value = 0.19	/	P-Value = 0.06	/
	/	t = 1.20	/
	/	P value = 0.23	/
	/	t = 2.08	/
$\chi^2 = 2.50$	/	P value = 0.03	/
P-Value = 0.47	/	t = 1.51	/
	/	P-Value = 0.13	/
	/	$\chi^2 = 16.98$	/
$\chi^2 = 2.45$	/	P-Value = 0.002	/
P-Value = 0.29	/		/
	/		/
$\chi^2 = 5.23$	/		/
P-Value = 0.26	/	$\chi^2 = 0.05$	/
	/	P-Value = 0.81	/
	/	$\chi^2 = 9.81$	/
	/	P-Value = 0.08	/
$\chi^2 = 10.84$	/		/
P-Value = 0.02	/		/
	/		/
	/		/



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$\chi^2_{=2.86}$	/	$\chi^2_{=2.44}$	/
P-Value = 0.58	/	P-Value = 0.11	/
	/	t = 1.83	/
	/	P-Value = 0.06	/
	/	t = 1.64	/
$\chi^2_{=2.76}$	/	P-Value = 0.10	/
P-Value = 0.43	/	t = 2.12	/
	/	P-Value = 0.03	/
	/	$\chi^2_{=11.60}$	/
$\chi^2_{=.27}$	/	P-Value = 0.02	/
P-Value = 0.87	/		/
	/		/
$\chi^2_{=2.80}$	/		/
P-Value = 0.59	/	$\chi^2_{=3.92}$	/
	/	P-Value = 0.04	/
	/	$\chi^2_{=9.30}$	/
	/	P-Value = 0.09	/
$\chi^2_{=7.18}$	/		/
P-Value = 0.12	/		/
	/		/
	/		/

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$\chi^2_{=0.57}$	/	$\chi^2_{=.75}$	/
P-Value =	/	P-Value =	/
0.96		0.38	
	/	t = 0.40	/
	/	P-Value =	/
		0.68	
	/	t = -0.85	/
$\chi^2_{=2.27}$	/	P-Value =	/
P-Value =	/	0.39	/
0.51	/	t = 0.32	/
	/	P-Value =	/
		0.74	
	/	$\chi^2_{=18.47}$	
$\chi^2_{=1.40}$	/	P-Value =	/
P-Value =	/	0.001	/
0.49	/		/
$\chi^2_{=1.94}$	/		/
P-Value =			
0.74			
	/	$\chi^2_{=5.48}$	/
	/	P-Value =	/
		0.01	
	/	$\chi^2_{=10.92}$	/
	/	P-Value =	/
$\chi^2_{=5.26}$	/	0.05	/
P-Value =	/		/
0.26	/		/
	/		/
	/		/

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## References

- Supplement 1: 63-68.
- 7- 6-Bino S, Kakarriqi E, Xibiniku M, Iononedeleu N, Emiroglu N and Uzicamin A, Mass Immunization Campaign in Albania, November 2000. *Journal of Infectious Diseases*, 2003; 187 Supplement 1:223-229.
  - 8- Quedros C, Izurieta H, Carrasco P and Tambini G, Monitoring Measles Eradication in the Region of the Americas: Critical Activities and Tools, *The Journal of Infectious Diseases*, 2003; 187, Supplement 1: 102-110.
  - 9- Pistol A, Hennesey K, Pitigoi D, Ionedelcu N, Walls L, Bellini W, and Strebel P, Progress toward Measles Elimination in Romania after a Mass Vaccination Campaign and Implementation of Enhanced Measles Surveillance, *Journal of Infectious Diseases*, 2003; 187 Supplement 1:217-222.
  - 10- Alvin C, *Methods of Multivariate Analysis Second Edition* Brigham Young University, 2002.
  - 11- Ronne T, Kaaber K, Petersen I, Knowledge of, attitudes toward and participation in the new vaccinations against measles, mumps and rubella during the first 2 years, *Ugeskr Laeger*, 1989; 151(38):2418-22.
  - 12- Isomura S, Ahmed A, Dure-Samin A, Mubina A and Takasu T, Epidemiological studies on measles in Karachi, Pakistan--mothers' knowledge, attitude and beliefs about measles and measles vaccine, *Acta Paediatr Jpn*, 1992; 34(3): 290-294.
- | Lot | Quality                                                                             | Assurance                                                                                                                                                           |
|-----|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                                                                     | Sampling                                                                                                                                                            |
| 3-  | Gaafar E. Moshni G and Lievano F,                                                   | The Challenge of Achieving Measles Elimination in the Eastern Mediterranean Region by 2010. <i>Journal of Infectious Diseases</i> , 2003; 187 Supplement 1:246-251. |
| 4-  | Forrest J, Burgess M, Heath T and McIntyre P,                                       | Measles control in Australia . <i>Communicable Diseases Intelligence</i> , 1998; 22(3) :33-36.                                                                      |
| 5-  | Kambir C, Kader Konde M, Yameogo A, and Tiendrebeogo S,                             | Measles Incidence Befor and After Mass Vaccination Campaigns in Burkina Faso. <i>Journal of Infectious Diseases</i> , 2003; 187 Supplement 1:86-90.                 |
| 6-  | Nanyuja M, Lewis R, Makumbi I, Seruyange R, Kabwongera E, Mugenyi P and Talisuma A, | Impact of Mass Measles Campaigns among Children Less Than 5 Years Old in Uganda . <i>The Journal of Infectious Diseases</i> , 2003; 187                             |

