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Loglinear

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Loglinear

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(1996).

(Peden et al. 2004).

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Murray and Lopez)

Morrison and Stone) /
(2000) .(Peden et al. 2004)
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Tilling and Sterne) (DALYs
(1999)
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Hook and) K
(Regal 1995 Hook and)
(Regal 1995; Laska 2002
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(Wittes and Sidel 1968)
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) Tilling and) HIV
(.(Sterne 1999
Loglinear

(Tercero and Andersson 2004).
Tilling and Sterne)
Loglinear (1999)

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Hook and Regal)
Loglinear (1995)

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Logit Loglinear (Covariate)
(Tilling and Sterne 1999)

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Razzak and)
Luby 1998; Tercero and Andersson 2004;
Schoutman et al. 2000; Jarvis et al. 2000;
(Dhillon et al. 2001

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(Dhillon et al./ 2001)

Razzak and)
(Luby 1998; Tercero and Andersson 2004

n

Loglinear

Stata 8.0

$$CI_{95\%} = n \pm 1.96 \sqrt{\frac{(L1+1)(L2+1)(L1-d)(L2-d)}{(d+1)^2(d+2)}}$$

$$n = \frac{(L1+1)(L2+1)}{d+1} - 1$$

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Loglinear

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Loglinear

Microsoft Excel 2003

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$$\log \mu_{ijk} = \lambda + \lambda_i^X + \lambda_j^Y + \lambda_k^Z$$

$$\log \mu_{ijk} = \lambda + \lambda_i^X + \lambda_j^Y + \lambda_k^Z + \lambda_{ij}^{XY} + \lambda_{ik}^{XZ}$$

Sort (

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(G²)

(BIC)

(AIC)

L1 ()

L2 ()

(Hook and Regal 1995)

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AIC

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Hook and Regal 1997; Hook)

.(and Regal 2000

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AIC

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(Schootman et al. 2000)

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Loglinear

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n2=30 n1=2

n7=98 n6=138 n5=176 n4=27 n3=0

Loglinear

(:k) $\frac{1}{2^{(k-1)}}$

Evans and Bonett 1994;)

(Hook and Regal 2000

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BIC

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AIC

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BIC

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| | | (FM) | | | | (H) | |
| | | (FM) | | | | (H) | |

Loglinear

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| CI95% for N | *N | *X | *BIC | *AIC | *G ² | *df | Loglinear |
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| | | | / | / | / | | P×FM/ H |
| | | | / | / | / | | P×H/ FM |
| | | | / | / | / | | H×FM/ P |
| | | | / | / | / | | P×H/ H×FM |
| | | | / | / | / | | P×H/ P×FM |
| : | : | : | / | / | / | | P×FM/ H×FM |
| : | : | : | | | | | P×H/ P×FM/ H×FM |

* df: degree of freedom/ AIC: Akaike Information Criterion/ BIC: Bayesian Information

Criterion/ FM: Forensic Medicine/ H: Hospital/ P: Police

$$G^2 = 2 \sum obs_j \ln(obs_j / exp_{ij}) \quad AIC = G^2 - 2 (d.f.) \quad BIC = G^2 - (\ln(N_{obs}/2\pi)(d.f.))$$

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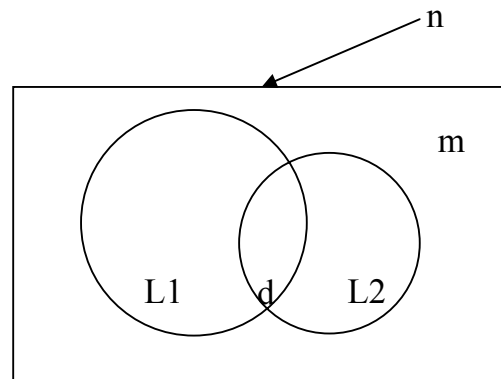
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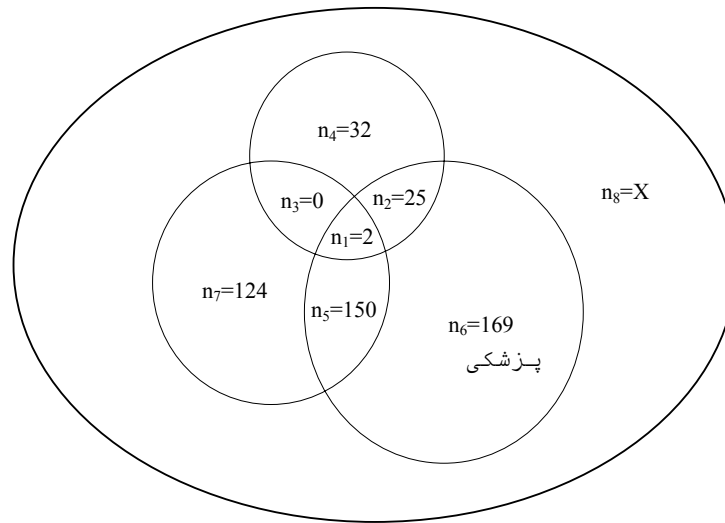
| | | | | | | | loglinear |
|-------------|----|----|------|------|----------------|-----|-----------------|
| (" ") | | | | | | | |
| CI95% for N | *N | *X | *BIC | *AIC | G ² | *df | Loglinear |
| | | | / | / | / | | P/ FM/ H* |
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*df: degree of freedom/ AIC: Akaike Information Criterion/ BIC: Bayesian Information Criterion/ FM: Forensic Medicine/ H: Hospital/ P: Police

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