OpenEpi, Version of December 2003

Test Results for DoseResponse Module

Dataset #	Left Side	Data	Compared with	Result
DoseResp1a	Exposure 0,1,2	Stratum 1 1,131 1,104 4,51 Stratum 2 0,188 6,152 15,83 Stratum 3 3,161 12,130 22,65 Stratum 4 11,169 21,134 39,68 Stratum 5 23,157 42,97 34,52	Schlesselman, JJ Case-Control Studies, 1982, 205. Cigarette smoking among Female Cases of Myocardial Infarction and Controls, stratified in 5 age groups.	Mantel-Haenszel extended test for trend agreed perfectly until continuity correction was added per Rosner (see below) MH odds ratios at two levels of smokers vs. baseline non-smokers also agree. Results will now differ slightly because of the correction.
DoseResp1b	Exposure 0,1,2	1,131,1,104 0,188,6,152 3,161,12,130 11,169,21,134 23,157,42,97	Epi Info, Statcalc, the DOS program, 1993	Mantel-Haenszel extended test for trend agreed perfectly until continuity correction was added per Rosner (see below) MH odds ratios at two levels of smokers vs. baseline non-smokers also agree.
DoseResp2	Exposure 1,2,3	Women Cases, Controls 196,603, 223,486 103,232 Men Cases, Controls 188,348 313,383 232,206	Rosner, B. Fundamentals of Biostatistics, Duxbury, 2000.	After adding the continuity correction employed by Rosner, the Mantel extended test (with cc) agrees perfectly.

Testing by Andy Dean, using materials listed.

Conclusion: Module is ready for use, although users are advised to confirm important results with at least one other software module.