

8.3  $\chi^2$  = 0.931, d.f. = 1, 0.1<P<0.5, difference in rates 15%, 95% CI -7.7 to 38%.

8.4  $\chi^2$  = 8.949, d.f. = 3, 0.02<P<0.05. Yes, practice C; if this is omitted the remaining practices give  $\chi^2$  = 0.241, d.f. = 2, P>0.5. (Both  $\chi^2$  tests by quick method.)

9.1 Sickness rate in first department 28%, in second department 8%, difference 20% (approximate 95% CI = -6 to 45%, P = 0.24 (Fisher's Exact test mid P)). P is calculated from 2 x (0.5 x 0.173 + 0.031).

10.1 Smaller total = -30. No.

10.2 Mann-Whitney statistic = 74. The group on the new remedy. No.

11.1 r = -0.848.

11.2 rs = -0.867.

11.3 y = 36.1 - 2.34x. This means that, on average, for every 1 mile increase in mean distance the attendance rate drops by 2.34%. This can be safely accepted only within the area measured here.

11.4 SE = 0.39, 95% CI = -2.34 - 2.145 x 0.39 to -2.34 + 2.145 x 0.39 = -3.1 to -1.5%.

12.1  $O_A$  = 6,  $t_A$  = 8.06,  $O_B$  = 8,  $E_B$  = 5.94. Log rank  $\chi^2$  = 1.24, d.f. = 1, 0.1<P<0.5.

12.2 Risk = 0.55, 95% CI 0.19 to 1.60.

- 13.1 Matched case control study.
- 13.2 Cohort study.
- 13.3 Cross sectional study.
- 13.4 Randomised controlled trial.
- 13.5 Quasi experimental design.

Contact us - Privacy policy - Web site terms & conditions - Revenue sources - Site map HighWire Press - Feedback - Help - © 2010 BMJ Publishing Group Ltd.