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Suicide prevention in Gotland

SIR: Williams & Goldney (BJP, November 1994, 165, 692) are quite right. Moving averages will occlude dramatic effects of an intervention. However, in the case of Rutz et al's (1992) work, the reason that preceding falls in suicide rate seem smaller than the fall during the GP's educational programme is that the former was measured every year, whereas the latter drop was spread over five years.

As only four post-intervention data points were reported, the smoothest plot possible across the intervention is from a 4-year moving average. Taking Williams & Goldney's advice and ignoring all data from the intervention years themselves, it remains clear that there is no long-term effect of the programme on already-falling suicide rates.

Rutz et al (1992) implied that the short-term drop in rates during the programme, followed by a rise, might be evidence of a transient effect; the reader can best judge the likelihood of this by examination of previous annual fluctuations in the raw rates shown in my last letter (BJP, August 1993, 163, 260).

I commiserate with any reader attempting to follow a discussion interrupted by intervals of anything up to 14 months of silence.

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