Fig. 2. Scattergrams showing the rate of responding in each 3 min exposure to reinforcement in one component as a function of the rate of reinforced (column 1) or unreinforced (column 2 and 3) responding in the immediately preceding 3 min exposure to the second component.

forced in the presence of both stimuli, as indicated by the labels on the graph. The next two graphs show the data obtained from the first and second sessions of discrimination, respectively. The dashed lines on the figures indicate the median ordinate and the median abscissa, plotted in Fig. 1.

What is striking about these data is the lack of negative correlation between the rate of reinforced responding maintained during one stimulus and the rate of responding during extinction in the presence of the other stimulus. Although the rate of reinforced responding increases from session to session (positive behavioral contrast), there is no indication in these data that there is an orderly increase within a session in the rate of reinforced responding as a function of the decreasing rate of responding in extinction.

These data by no means rule out an effect on behavioral contrast of responding in extinction. They do, however, make it difficult to account for the development and magnitude of contrast, with either variable-interval or variable-ratio reinforcement, by appealing directly to the prevailing rate of responding in extinction in the presence of S-.

References

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Note

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Erratum

Ferraro, D. P., and Perkins, D. Effects of reinforcement magnitude during successive reinforcement-punishment cycles. *Psychon. Sci.*, 1968, 10(5), 183-184. The third paragraph, first sentence (line 22) of the first column of page 184 should be modified to read: "A Friedman analysis of variance on average response rate yielded no significant differences among the four .06 cc punishment phases or among the four .02 cc punishment phases which were either one or two cycles removed from the preceeding .06 cc cycle."