

TABLE 4.—Accuracy of polygraph reported in experimental studies—Continued

Type of investigation	Reference	Number of cases	Accuracy (percent)				Comments
			Verified reports	Indeterminable cases	Proved error	Inconclusive polygraph	
Mock crimes.....	Lykken, 1959.....	49	90.0-94.0				GSR only used objectively in guilty knowledge procedure; 100 percent innocents correctly identified, 88 percent guilty correctly identified. GSR only used objectively in guilty knowledge technique. Used objective judgments of examiners who did not know whether subject was guilty or innocent. Examiner's problem was to judge nature of crime. ¹
Faking.....	Lykken, 1960.....	20	100.0				
Simulated theft.....	Kubis, 1962.....	336	73.0-92.0				
Denial of actual crime by ex-prisoners in an experiment. Test.....	do.....	23					Accuracy dropped from 75 to 80 percent in control session to as low as 10 percent in experimental session.
Retest.....	do.....		40.0				
Deliberate attempts to beat the polygraph in guessing a number.	do.....		29.0				
	do.....	20					

¹ 80 delinquents; 90 nondelinquents.

² Described more fully on p. 447.