Coding Form

DRAFT CODING FORM **7/18/83**

Code r_____

AUTHOR_____

YEAR_____

STUDY ID_____
OUTCOME NCI._____
TOTAL NUMBER OF OUTCOMES IN THIS ANALYSIS_____

TYPSTUD1, Type of **study:** analog or field   (1) analog, (2) field
TYPESTU2, Type of study: (1) detection, (2) blind evaluation of charts, (3) judgment of accuracy based on other criteria, (4) **"utility** study," (5) judgment of accuracy based in pg <u>and</u> other criteria

SUBJECT'S
NSUBJS, Number of subjects or cases   _____
TYPSUBJS, Type of subj pop   (1) college students, (2) general pop, (3) non-crim. military personnel, (4) non-military criminals or suspects, (5) **military** criminals or suspects, (6) police informants, (7) prison inmates, (8) police applicants, (9) private employment applicants, (10) gov' t employees or applicants, (11) victims, **(12)** witnesses

*CASESRC, Source of cases for **judgment**   (1) polygraph school files, **(2)** police files, (3) military files

PCTMALE,   _____
PURPOSE   (1) pre-employment, (2) crim investigation

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POLYGRAPH CHARACTERISTICS

BASERATE, Base rate of guilt

GROUNDME, Method of establishing ground truth

(1) Majority judgment, (2) Unanimous judgment, (3) Confession, (4) Court decision, (5) Mock crime or contrived story, (6) real crime 'set up" by experimenter, (7) not verified, (8) not specified

ACCUR, Experimenter's judgment of accuracy of basis for ground truth (see Barland, 1982)

(1) low, (2) high

QUESDES, Method for designing control questions or pretest intervieW

(1) Standard for all Ss;
(2) CUStOI?liZed

TECHNIQU, Type of question technique

(l)ZOC, (2) MGQT, (3) POT, (4) ZOC & MGQT, (5) ZOC & pOT, (6) MGQT & POT, (7) GQT, (s) 'ZOC & GQT, (9) MGQT & GQT, (10) POT & GQT, (11) GK, (12) R I, (13) R C Q T

STIM, Stim test included?

(1) Yes, (2) No

MACHINE, Vachine tYPe

(1) Lafayette 4 channel Nodel 76058, (2) Narco Bio-system polygraph, (3) 3 channel Stoelting, (4) 4 channel Stoelting, (5) Sanborn 150 Recorder, (6) K e e l e r polygraph, (7) Stoelting with CAM, (8) Grass Model 7, (9) physiograph, (10) 5 Channel Reid, (11) varied_____!
(12)_____/
(13)_____

PASTE, Type of contact paste

(1) Sanborn, (2) Beckman, (3) NaCl w/cornstarch

PHYSMEAS, Phys. measure used for results

(1) SCR/GSR,
(2) Respiration, (3) 3100d pressure, (4) Heart rate, (5)

Cardiovascular unpsecified, (6) finger pulse volume, (7) some combination

PHYSME2, Were other phys. measures taken and
    not used in analysis?

(1) yes, (2) No

PHYSME3, If ans. to PHYSME2 is yes, why?

(1) results inconclusive, (2) not given

CHARTS, Number of charts on which examiners'
    judgment based

_____

PROCED, Did procedure differ from standard in
       any way (e.g., Podlesny & Raskin did
       not review control questions with Ss)

(1) Yes, (2) No

PROCVARY, Way procedure varied

_____ (Use variable list code#)

EXAMEQ, Did examiners do own init. ratings
    (i.e., chart interpretations)

(1) yes, (2) No

If answer to EXAMEQ is "No," answer following
  with respect to those who <u>did</u> do init. ratings
   (Note these are not ultimate judges in field studies)
     **PGBLIND, Were raters blind to subj
        condition?

(1) yes, (2) No

     **KNWRATR, Did raters know rate of 9uilt?

(1) Yes, (2) No

     **RAITEXPF, Raters exp. ranged from (in yrs.) _____

     **RATEXPT, Raters exp. ranged to (in yrs.) _____

OBJRAT', Was orig. rating objective?

(1) high (specific measurement of phys. variables), (2) medium (score assigned to subjective assessment, (3) low (rating of guilt or innocence based o.n visual assessment, (4) very low (rating of guilt or innocence based on case files, clinical assessment etc.)

NEXAM, Number if initial examiners

_____

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INCZONE, Inconclusive zone (+ or - x)   _____
PGPCTMAL, % of Polygraphers Male   _____
PGEXP, Avg. yrs Poly training and experience   _____
EXAMEXPF, Examiners' exp. range from (in yrs.) _____
EXAMEXPT, Examiners' exp. ranged to   _____

PGTYPE, Type of initial examiner   (1) private, (2) pOlice,
                                      (3) military, (4) other govt,
                                      (5) trt3irleeS, (6) not a prof.
                                      examiner

PGTRN, Place polygraph examiner trained   (1) Reid, (2) Army, (3)

*JUDGES, Judge characteristics   (1) Palygr'aphers trained at
                                   same school, (2) Polygraphers
                                   trained at different school,
                                   (3) law enforcement agents,
                                   (4) legal professionals
                                   (lawyers, judges), (5) Same
                                   as initial examiners
                                   ("utility" studies), (6)
                                   Statistical analysis, (7)
                                   Other methods of
                                   identification (fingerprints,
                                   handwriting, eyewitness), (8)
                                   Other, (a) Polygraphers
                                   [other than (1) & (2)]

NJUDGES, Number of judges or evaluators (not
    initial examiners)   _____
KNOWRATJ, Did judges know base rate of guilt?   (1) Yes, (2) No
JUDGAGRE, Method of judge agreement (if panel) (1) Unanimous, (2) Majority
*JUDGEXPF, Judges exp. ranged from (in yrs.)   _____
*JUDGEXPT, Judges exp. ranged to (in yrs.)   _____
*JUDGEXP2, Judges exp. ranged to   (1) less than 1 yr.,
                                      (2) greater than 1 yr.
*JUDGEXP3, Judges exp. ranged from   (1) less than 1 yr.,
                                      (2) greater than 1 yr.

*AVJUDEXP, Av. judge exp (yrs.)   _____

DESIGN

SAMPLING~ Random selection of Ss or cases?   (1) yes, (2) No
EXCLU, If not randomly selected, % of population
    not included in sample   _____
BASISSEC, Basis of selection (use variable code
    listing)   _____
ATTRIT, % attrition from sample   _____
BASISATT, Basis of attrition (use variable code
    listing   _____
KNOWRATE, Did init. examiners know rate of
    guilt?   (1) Yes, (2) No
MOTIV, Were subjects offered inducement to
      beat machine? (analogue only)   (1) Yes, **(2) No**
PGBLIND2, Did examiners know Ss were in an exp?   (1) Yes, (2) No
INDEPEND, Was initial polygraph rating blind
    (independent of examination?)   (1) Yes, (2) No
*OBJRAT2, were 'judges" r~tings objective?   (1) high (specific
measurement of phys.
variables), (2) medium (score
assigned to subjective
assessment, **(3) low (r~t-ng**
of guilt or innocence based
on visual assessment, (4)
very low

FACTORIA, Factorial effect tested (use variable
    code listing)   _____
FACTORIB, Was factorial etfect 1A significant?   (1) Yes, (2) No
FACTOR2A, Second factorial effect tested?   _____
FACTOR2B, Was factorial sffect 2A significant   (1) Yes, (2) No
FACTOR3A, Third factorial effect tested?   _____
FACTOR3B. Was factorial effect 3B significant?   **(1) Yes, (2) NO**
FACTOR4A, Fourth factorial effect tested?   _____
FACTOR4B, Was factorial effect 4A significant?   (1) Yes, (2) No

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OUTCOME

DETECTION STUDIES
GC _____
GNC _____
GIN _____
IC _____
INC _____
IIN _____

UNIT, Unit of analysis for outcome   1) Persons
                                          (2) Questions,

JUDGMENT STUDIES
JGC _____
JGNC _____
JGIN _____
JIC _____
JINC _____
JIIN _____

OTHER CROSS-VALIDATION STUDIES
GC2 _____
GNC2 _____
GIN2 _____
IC2 _____
INC2 _____
IIN2 _____

CONTINUOUS SCORES (Means and signif. tests)
GUILTY, Mean for guilty (deceptive) subjects   _____
IN?JO, Mean for innocent (truthful) subjects   _____
SIGTEST, Significance test used   (1) F, (2) t
                                     (3)   , (4)

SIGDIFF, Was difference significant?   **(1) Yes, (2) No**