Robert Choate Tryon 1901-1967

Bibliography*

Prepared by Robert Bruce Dean

robertBdean@gmail.com

(Rev. June 2020)

*Listed in chronological order. Presentations and unpublished papers will be added in a separate sections later.

Tryon, R.C. (1926). Effect of the unreliability of measurement on the difference between groups. *Journal of Comparative Psychology*, 6, 449-453.

Tryon, R.C. (1928). Individual Differences at Successive Stages of Learning (Unpublished doctoral dissertation). University of California, Berkeley.

Tryon, R.C. (1928). Demonstration of the effect of unreliability of measurement on a difference between groups. *Journal of Comparative Psychology*, 8, 1-22.

Tryon, R.C. (1929). Errors of sampling and of measurement as affecting difference between means. *Journal of Comparative Psychology*, 9, 191-195.

Tryon, R.C. (1929). The genetics of learning ability in rats—A preliminary report. *University of California Publications in Psychology*, 4, 71-85.

Tryon, R.C., Tolman, E.C., & Jeffress, L.A. (1929). A self-recording maze with an autodelivery table. *University of California Publications in Psychology*, 4, 99-112.

Tryon, R.C. (1929). The reliability coefficient as a per cent. *Psychological Review*, 37, 140.157.

Tryon, R.C. (1930). Studies in individual differences in maze ability: I—Measurement of the reliability of individual differences. *Journal of Comparative Psychology*, 11, 145-170.

Tryon, R.C. (1931). Studies in individual differences in maze ability: II—Determination of the individual differences by age, weight, and pigmentation. *Journal of Comparative Psychology*, 12, 1-22.

Tryon, R.C. (1931). Studies in individual differences in maze ability: III—The community of function between two maze abilities. *Journal of Comparative Psychology*, 12, 95-116.

Tryon, R.C. (1931). Studies in individual differences in maze ability: IV—Constancy of individual differences: Correlation between learning and re-learning. *Journal of Comparative Psychology*, 12, 303-345.

Tryon, R.C. (1931). Studies in individual differences in maze ability: V--Luminosity and visual acuity as systemic causes of differences, and an hypothesis of maze ability. *Journal of Comparative Psychology*, 12, 401-420.

Tryon, R.C. (1932). The inheritance of mental ability (Abstract). *Psychological Bulletin*, 29, 663-664.

Tryon, R.C. (1932). Multiple factors vs. two factors as determinants of abilities. *Psychological Review*, 39, 324-351.

Tryon, R.C. (1932). So-called group factors as determinants of abilities. *Psychological Review*, 39, 403-439.

Tryon, R.C. (1935). Interpretation of Professor Spearman's Comments.. *Psychological Review*, 42, 122-125.

Tryon, R.C. (1935). A theory of psychological components: An alternative to mathematical factors. *Psychological Review*, 42, 425-454.

Tryon, R.C. (1939). Studies in individual differences in maze ability: VI—Disproof of sensory components: Experimental effects of stimulus variations. *Journal of Comparative Psychology*, 28, 303-345.

Tryon, R.C. (1939). *Cluster analysis; Correlation profile and orthometric (factor) analysis for the isolation of unities in mind and personality.* Ann Arbor, Mich.: Edwards Brothers.

Tryon, R.C. (1940). Studies in individual differences in maze ability: VII—The specific components of maze ability, and a general theory of psychological components. *Journal of Comparative Psychology, 30*, 283-338.

Tryon, R.C. (1940). Genetic differences in maze learning in rats . In 39th *Yearbook of the National Society for the Study of Education*, 111-119, (Part I). Bloomington, IL: Public School Publishing.

Tryon, R.C. (1940). Studies in individual differences in maze ability: VIII—Prediction validity of the psychological components of maze ability. *Journal of Comparative Psychology*, *30*, 535-582.

Tryon, R.C., Tryon, C. & Kuznets, G. (1941). Studies in individual differences in maze ability: IX—Ratings of hiding, avoidance, escape, and vocalization responses. *Journal of Comparative Psychology*, *32*, 407-435.

Tryon, R.C., Tryon, C. & Kuznets, G. (1941). Studies in individual differences in maze ability: X—Ratings and other measures of initial emotional responses to novel inanimate objects *Journal of Comparative Psychology*, *32*, 447-473.

Tryon, R.C. (1942). Individual differences. In. F.A. Moss (Ed.) *Comparative psychology*. New York: Prentice-Hall.

Tryon worked at OWI and OSS in Washington, D.C. during WW II (1941-45).

Tryon, R.C. (1955). "Identification of social areas by cluster analysis." University of California, Berkeley Publications in Psychology.

Hirsch, J. and Tryon, R.C. (1956). Mass screening and reliable individual measurement in the experimental behavior genetics of lower organisms. *Psychological Bulletin*, 53, 402-410.

Tryon, R.C. (1957). Reliability and behavior domain validity: Reformulation and historical critique. *Psychological Bulletin*, 54, 229-249.

Tryon, R.C. (1957). Communality of a variable: Formulation from cluster analysis. *Psychometrika*, 22, 241-259.

Tryon, R.C. (1958). Cumulative communality cluster analysis. *Educational and Psychological Measurement*, 18, 3-35.

Tryon, R.C. (1958). General dimensions of individual differences: Cluster analysis versus factor analysis. *Educational and Psychological Measurement*, 18, 477-495.

Tryon, R.C. (1959). Domain sampling formulation of cluster and factor analysis. *Psychometrika*, 24, 113-135.

Tryon, R.C., Stein, K., and Chu, C. (1965). Item-clusters and profile types derived from responses of adults to the 566 MMPI Items. *American Psychologist*, 20, 396.

Tryon, R.C., and Bailey, D.E. (1966). The BCTRY computer system of cluster and factor analysis. *Multivariate Behavioral Research*, 1, 95-111.

Tryon, R.C. (1966). Unrestricted cluster and factor analysis with applications to the MMPI and Holzinger-Harmon problems. *Multivariate Behavioral Research*, 1, 229-244.

Tryon, R.C. (1967). Person-clusters on intellectual abilities and MMPI attributes. *Multivariate Behavioral Research*, 2, 5-34.

Tryon, R.C. (1967). Predicting individual differences in cluster analysis: Holzinger abilities and MMPI attributes. *Multivariate Behavioral Research*, 2, 325-348.

Tryon, R.C. (1967). Predicting group differences in cluster analysis: The social area problem. *Multivariate Behavioral Research*, 2, 453-475.

Tryon, R.C. (1968). Comparative cluster analysis of variables and individuals: Holzinger abilities and the MMPI. *Multivariate Behavioral Research*, 3, 115-144.

Tryon, R.C. (1968). Comparative cluster analysis of groups: The social area problem. *Multivariate Behavioral Research*, 3, 213-282.

Tryon, R.C., and Bailey, D.E. (1970). *Cluster analysis*. New York: McGraw-Hill.

Tryon, R.C. (1973). Basic unpredictability of individual responses to discrete stimulus presentations. *Multivariate Behavioral Research*, 8, 275-295.

Tryon, R.C. (1973). Generality and reliability of individual differences in discrete stimulus-item situations. *Multivariate Behavioral Research*, 8, 297-311.

Addendum: Articles on Psychologists' Work during W.W. II

Marquis, D.G. 1944). Social psychologists in national war agencies. Psychological Bulletin, 41,115-126.

Yerkes, R.M. (1945). Plan for a history of psychological services in the war. Psychological Bulletin, 42, 87-90.

Cartwright, D. (1948). Social psychology in the United States during the Second World War. Human Relations, 1, 333-352.