

Darwin/Romanes

C. Lloyd Morgan

Associative Analyses



Classical Conditioning
Pavlovian Conditioning
Respondent Conditioning

Understanding changes in behavior as a function of the pairing of conditioned and unconditioned stimuli

Pavlov

Sokolov

Rescorla/Wagner



Instrumental Conditioning
Operant Conditioning
Skinnerian Conditioning

Understanding the changes in behavior as a function of contingent reward and non-reward.

Thorndike

Watson

Hull/Spence

Skinner



Non-Associative Analyses

Cognitive Analyses

Understanding changes in behavior as derived from non-associative accounts, such as insight learning, reasoning, discrimination learning and more recently the use of information processing points of view.

Kohler

Tolman

Harlow



Ethological Analyses

Understanding species typical behavior as derived from non-associative accounts based on innate or unlearned stimulus-response structures.

Lorenz/ Tinbergen

Von Frisch