

Decision Rule

Alternatives

Utility

Regret

(Chorus, C G., 2010)

Reference Dependence

(Borger & Fosgerau, 2008)

Rational Inattention

(Matějka & McKay, 2015)

Generalized Extreme Value model

(McFadden, 1978)

Multinomial Logit

(McFadden, 1973)

Nested Logit → Cross-Nested Logit

(Ben-Akiva, 1974)
(McFadden, 1978)

(Vovsha, 1997)

Generalized Nested Logit

(Wen & Koppelman, 2001)

Dynamic Discrete Choice model

Recursive Logit

(Fosgerau et al., 2013)

Nested Recursive Logit

(Mai et al., 2015)

Discounted Recursive Logit

(Oyama et al., 2017)

Neural Network based model

ResLogit

(Wong & Farooq, 2021)

L-MNL

(Sifringer et al., 2020)

EL-MNL

(Arkoudi et al., 2023)

Discrete

Non-GEV model

Mixture model

Continuous mixing distribution

Mixed Logit

(Cardell & Dumbar, 1980)
(Hensher & Greene, 2003)

ICLV model

(Walker, 2001)
(Ben-Akiva et al., 2002)

Discrete mixing distribution

Latent Class model for discrete choice

(Greene & Hensher, 2003)

Probit model

Multinomial Probit

(Thurstone, 1927)

⋮

Multinomial Probit with structured covariance

(Yai et al., 1997)

⋮

Multinomial Probit with Choquet Integral

(Dubey et al., 2022)

Discrete-Continuous

Structured

Multiple Discrete-Continuous Extreme Value

(Bhat, 2008)

Multiple Discrete-Continuous Nested Extreme Value

(Pinjari and Bhat, 2010)

extended Multiple Discrete-Continuous

(Palma & Hess, 2022)

Reduced

Tobit model

(Tobin, 1958)
(Hekman, 1979)

⋮



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