

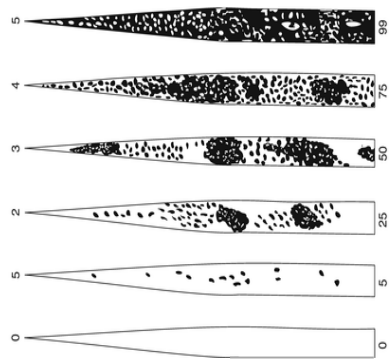
Framework for Ordinal Data with an Underlying % Scale

Emilia Koch

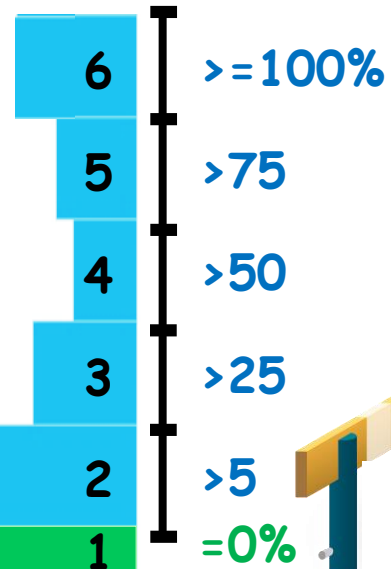
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PHD- Project, Supervisor Prof. Dr. H.P. Piepho

Pipeline for Modeling



Ordinal score Infected area



Multinomial

Binomial

1. Thresholds

2. Transform to normal

Problem: class 1 = 0%

Solution: 2 distributions

3. Probability

Log-Probability

4. Individual Log-likelihoods

Joint-Log-Likelihood

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