論文のデータ解析メソッドを読む・解析結果を解釈する

テキスト

色々、考えてみたけれど、このコンテンツのこの並べ方より良い方法が思いつかないので

Statistics for Biologists (https://www.nature.com/collections/qghhqm/pointsofsignificance)

() で括っている項は飛ばすかもしれない項

- Importance of being uncertain
- Error Bars
- Significance, P values and t-tests
- Power and sample size
- Comparing samples—part I (t-tests)
- Comparing samples—part II (Multiple testing; FWER vs. FDR)
- Nonparametric tests
- ((Designing comparative experiments))
- (Analysis of variance and blocking)
- Replication
- ((Nested designs))
- ((Two-factor designs))
- (Sources of variation)
- ((Split plot design))
- (Bayes' theorem)
- Bayesian statistics
- (Sampling distribution and the bootstrap)
- ((Baeyesian networks))
- (Association, correlation and causation)
- Simple linear regression
- ((Multiple linear regression))
- (Analyzing outliers: influential or nuisance)
- ((Regression diagnostics))
- Logistic regression
- ((Classification evaluation))
- Model selection and overfitting
- (Regularization)
- (P values and the search for significance)
- ((Interpreting P values))
- Tabular data
- Clustering
- Principal componenet analysis
- ((Classification and regression trees))
- (Ensemble methods: bagging and random forests)
- Machine learning: a primer
- Machine learning: supervised methods
- ((Statistics versus machine learning))
- (The curse(s) of dimensionality)
- ((Optimal experimental design))

- ((Predicting with confidence and tolerance))
- ((Two-level factorial experiments))