Methodological Topics:

Bayesian Methods
Big Data Analytics
Biological Networks
Categorical Data Analysis and discrete models
Causal inference
Computer intensive methods and software development
Diagnostic Test
Goodness-of-fit
Imaging and signal data
Joint outcome models
Longitudinal data analysis/mixed effects model
Mechanistic models
Micrarrays and omics data
Missing and incomplete data
Mixture models
Multiple testing and adjustments for multiplicity
Multistate models
Predictive modelling
Quantile/MQuantile regression
Regression modelling
Risk analysis and risk management
Small area estimation
Spatial and spatio-temporal data analysis
Survival analysis
Validity and reliability of measurements
Visualization

Application Areas:

Agriculture
Bioinformatics
Climate
Clinical trials/Cancer clinical trials
Ecology
Environmental research
Epidemiology
Forensics
Forestry
Fisheries
Genetics
Health services
Infectious diseases and control
Medical research
Non-Clinical, Pre-clinical statistics
Pharmacokinetics, pharmacodynamics, pharmacoepidemiology
Plant breeding
Population estimation
Radioactivity and radiation exposure
Toxicology and pharmacology