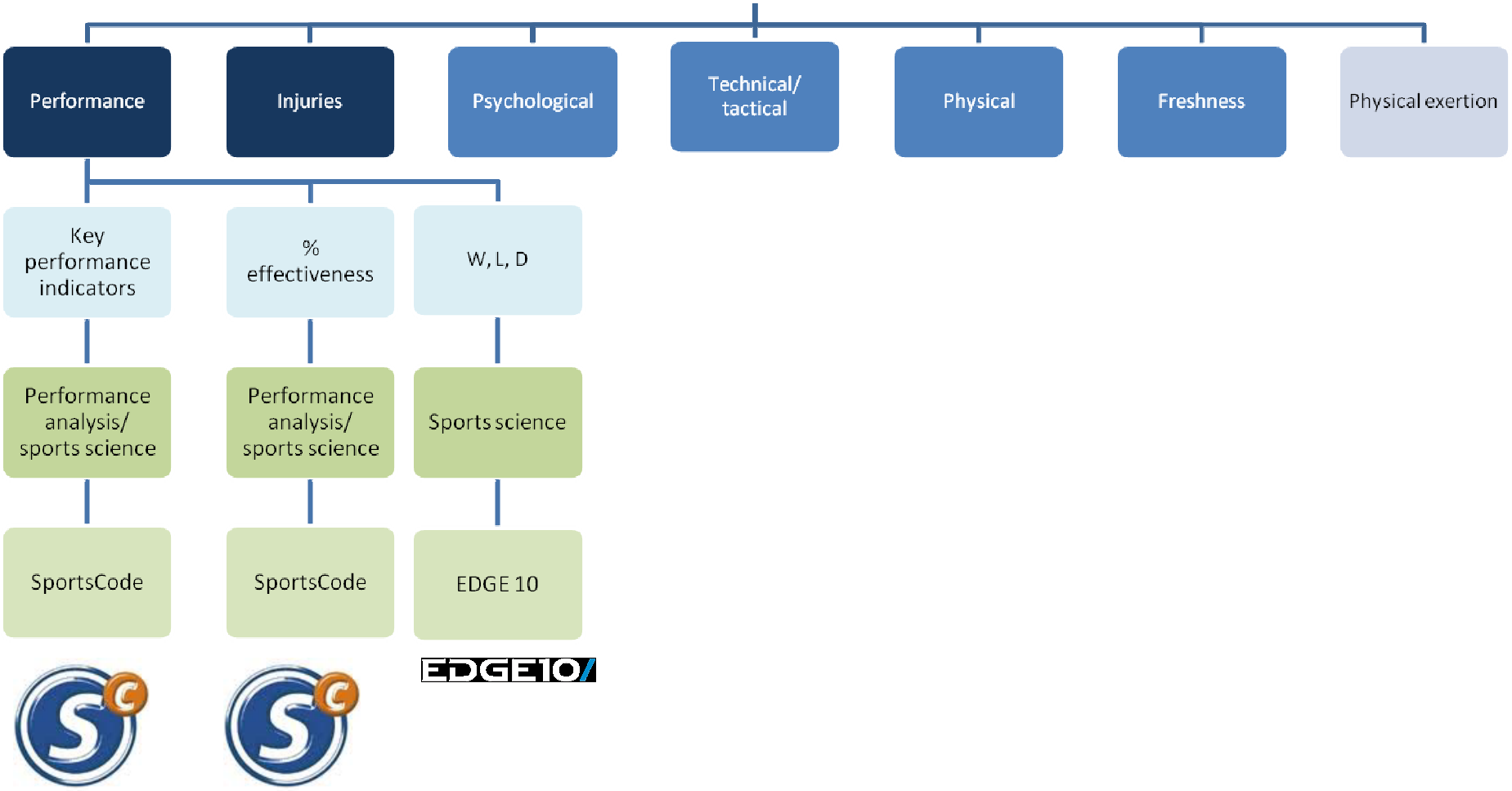
Present

What data are we collecting now?

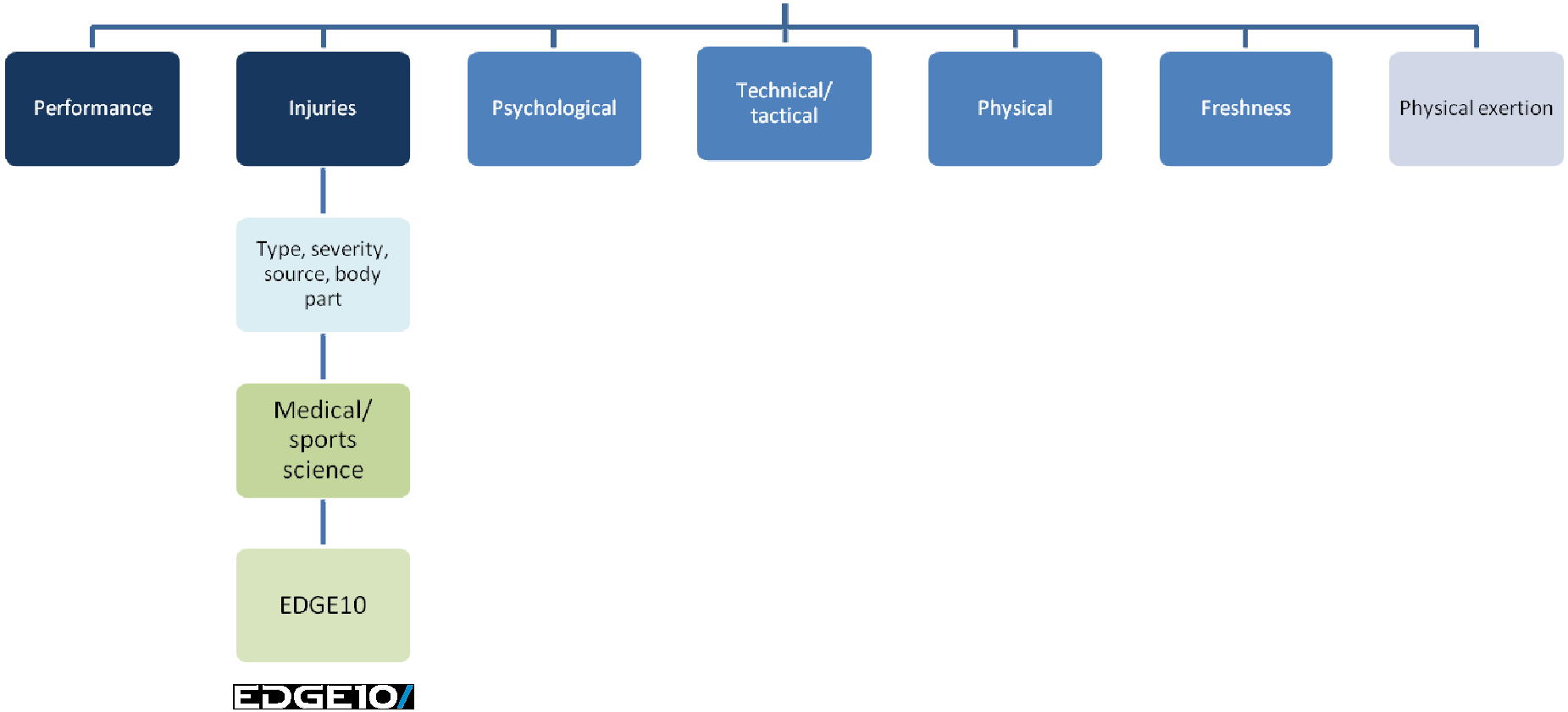
Information use

- Acquisition
  - From a host of different sources
- Management
  - Data collated in EDGE10
  - All physical exertion and monitoring information in one place
- Analysis
  - IBM's SPSS Modeller
- Reporting
  - Graphical representations of physical exertion and monitoring data

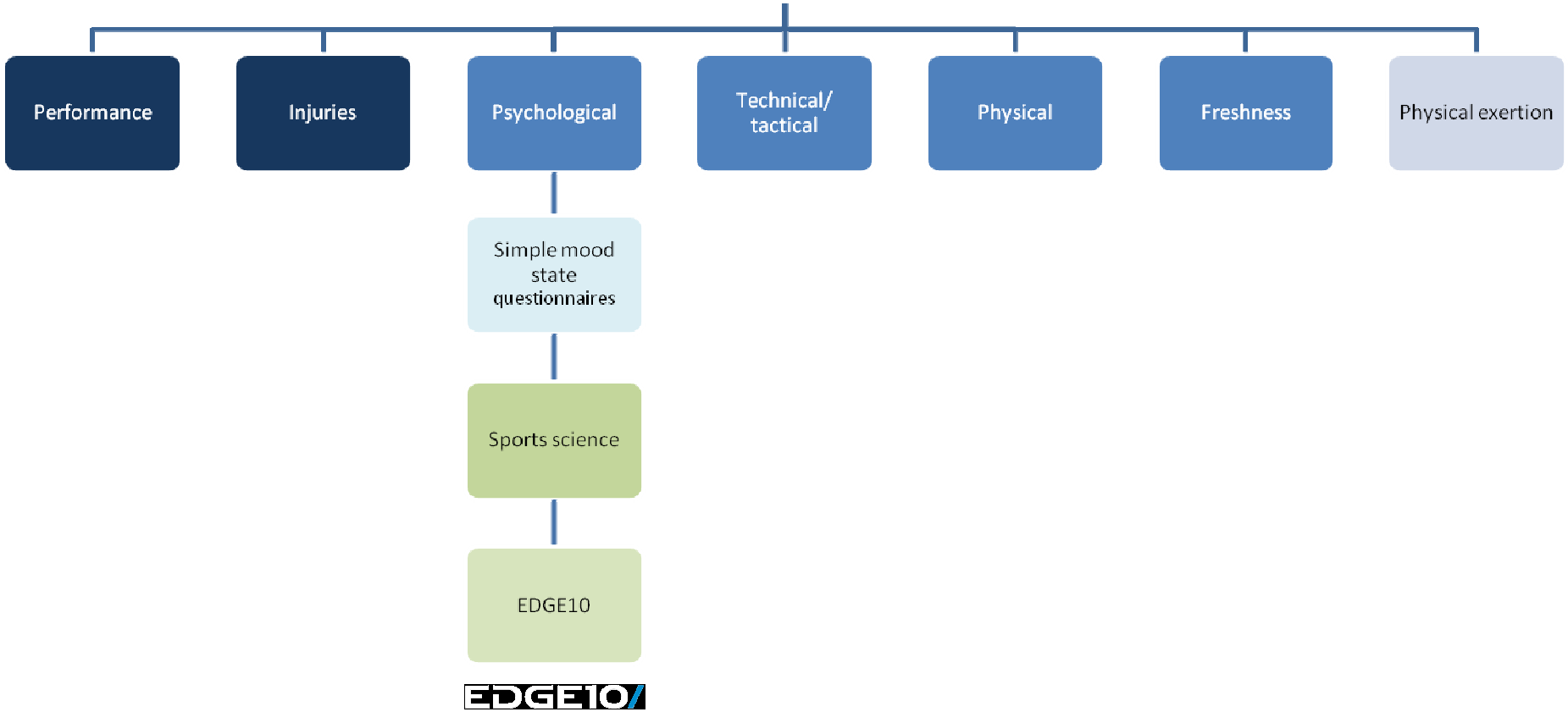
Information use – Data acquisition



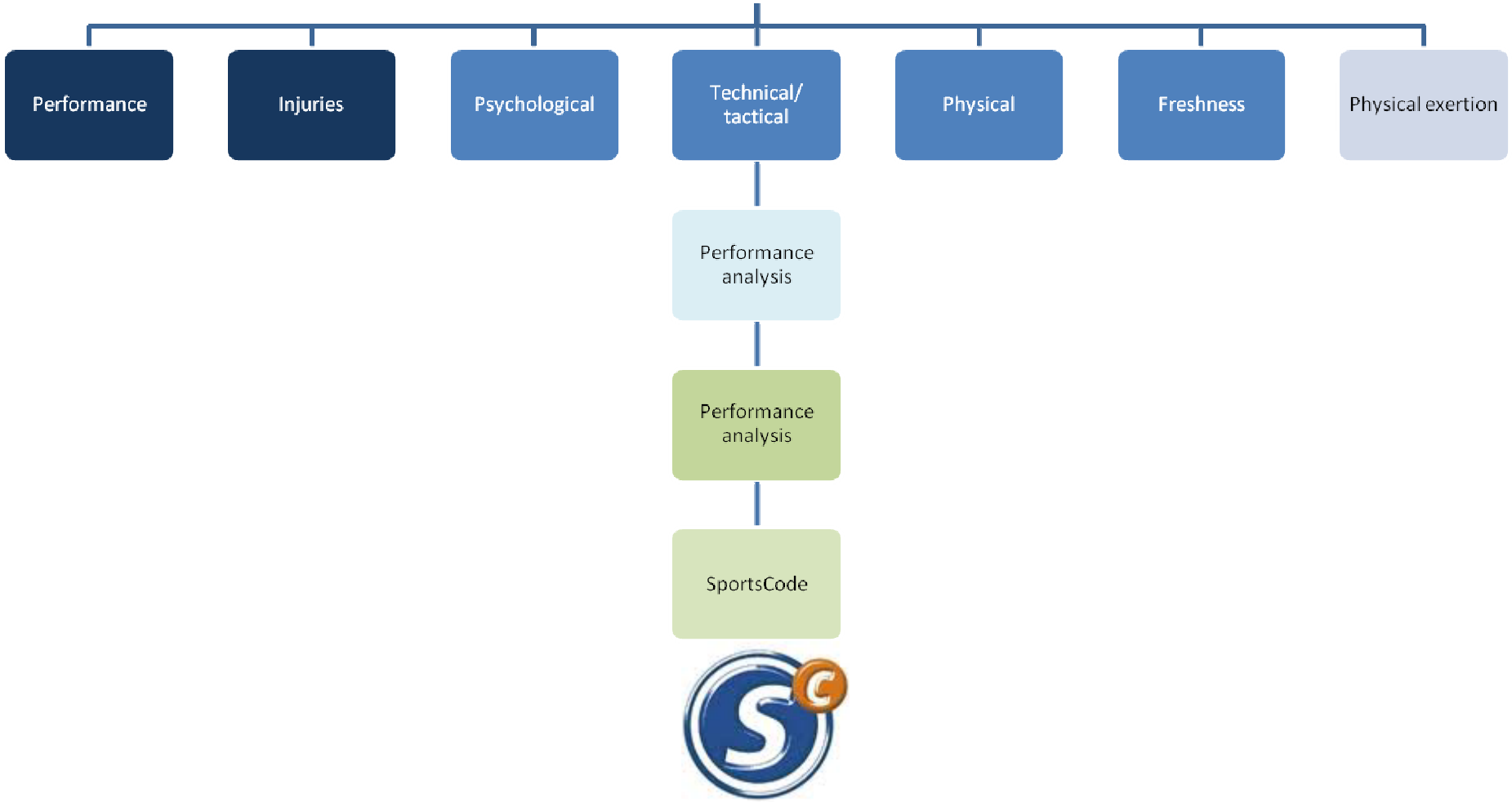
Information use – Data acquisition



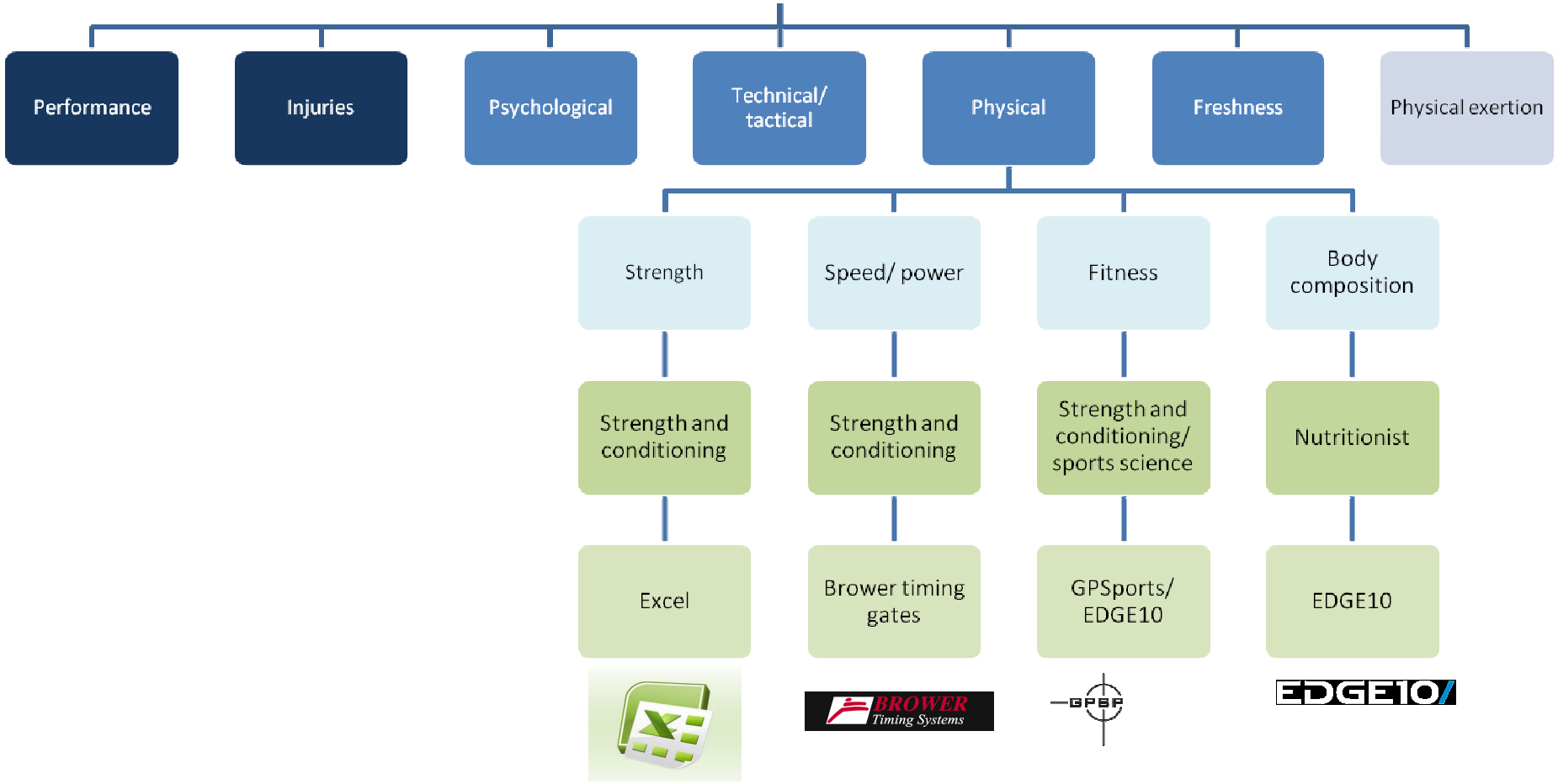
Information use – Data acquisition



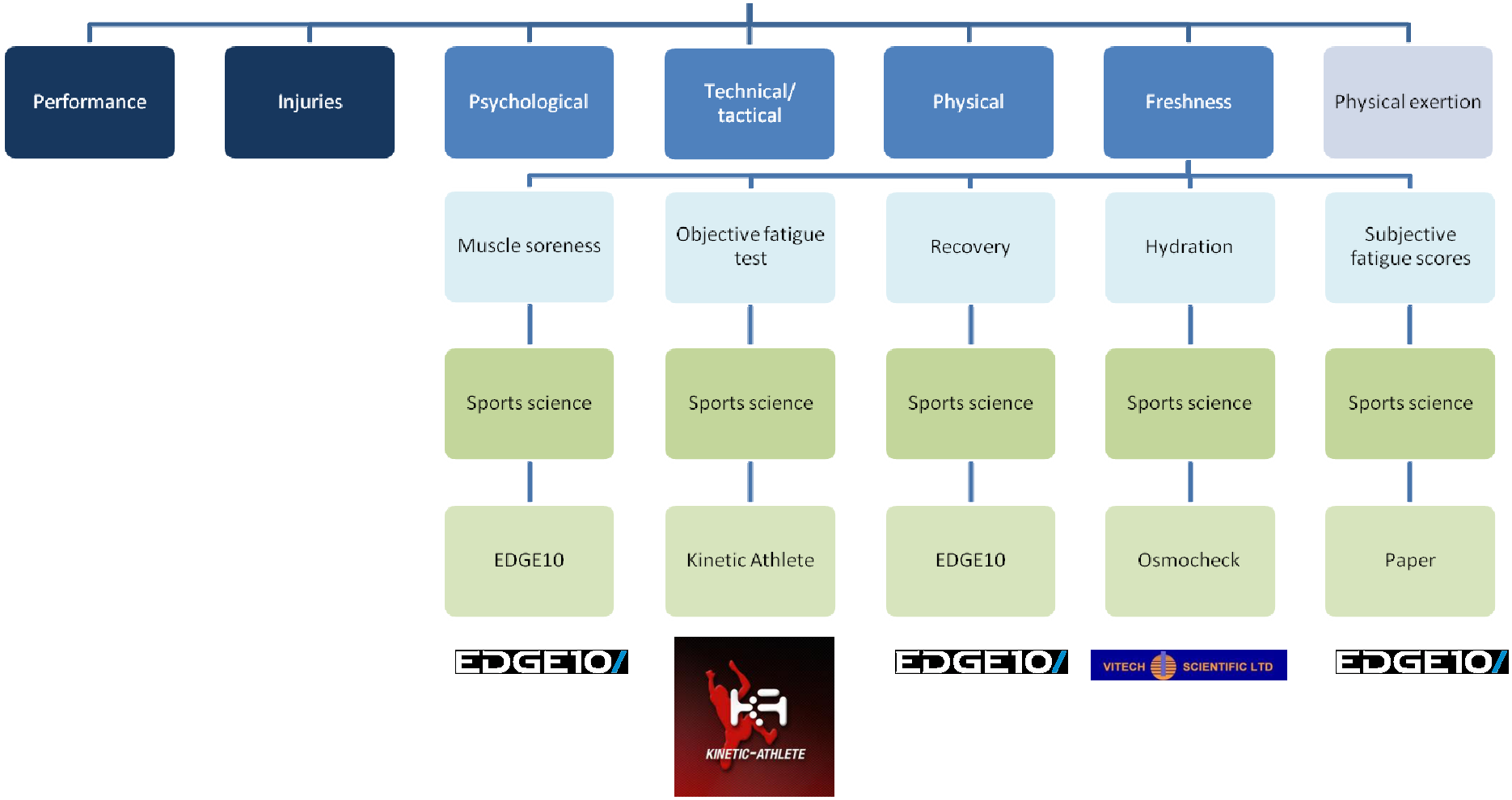
Information use – Data acquisition



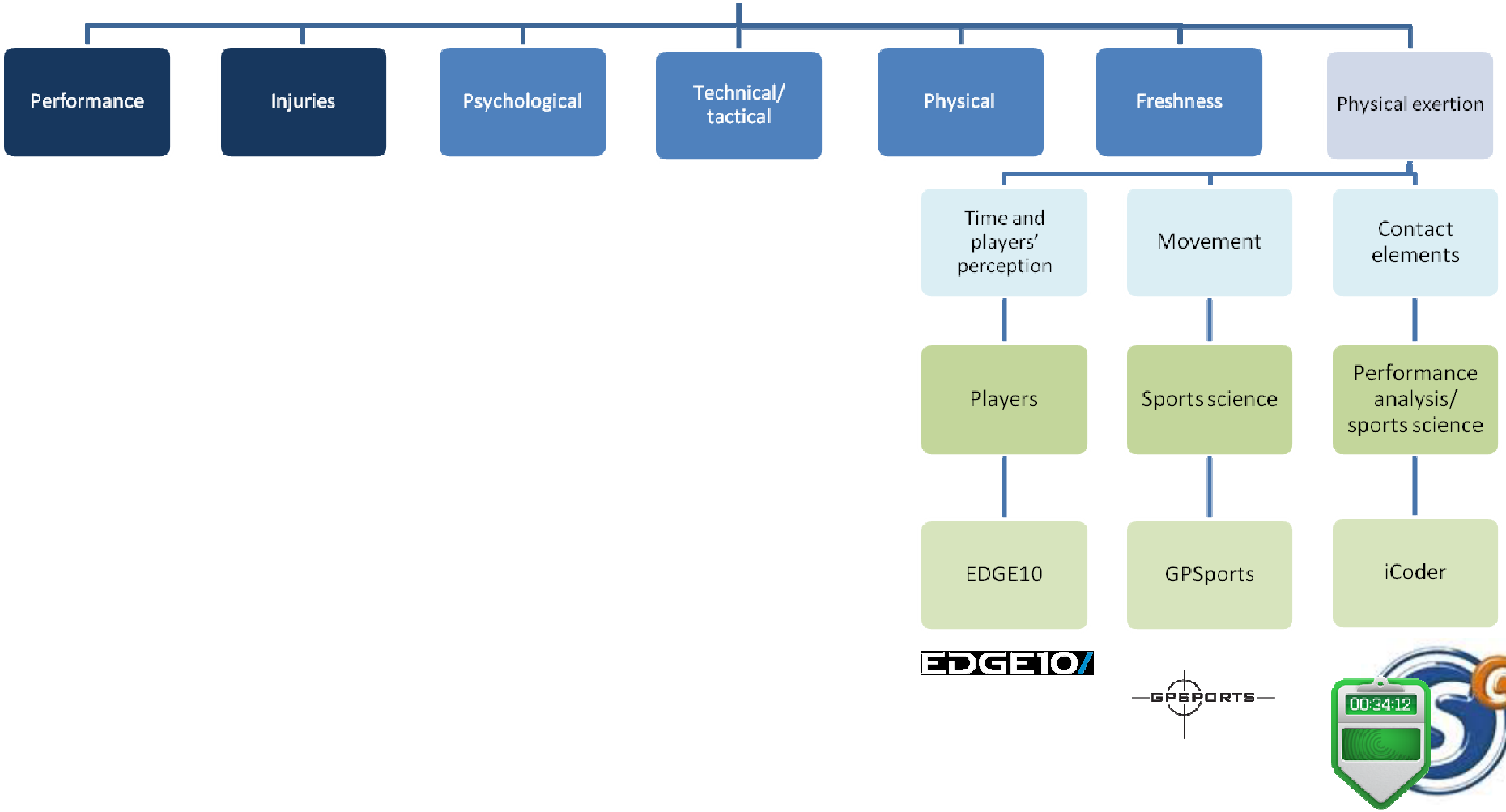
Information use – Data acquisition



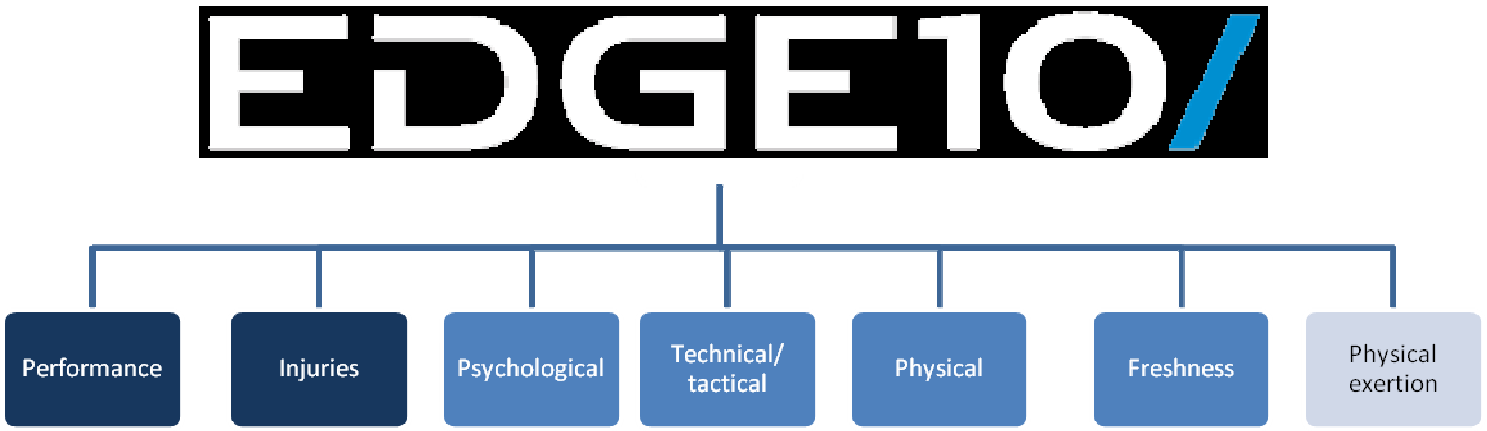
Information use – Data acquisition



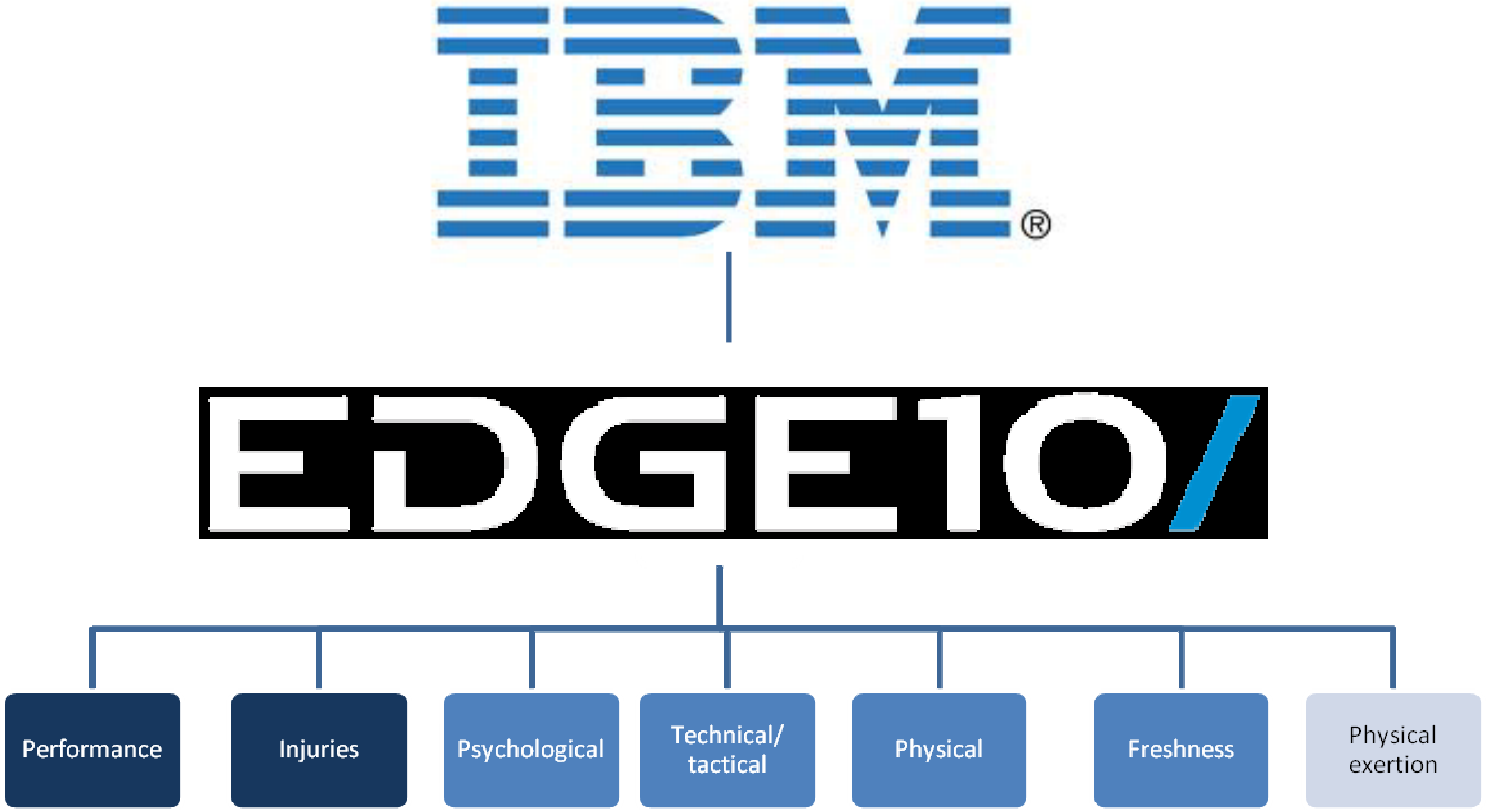
Information use – Data acquisition



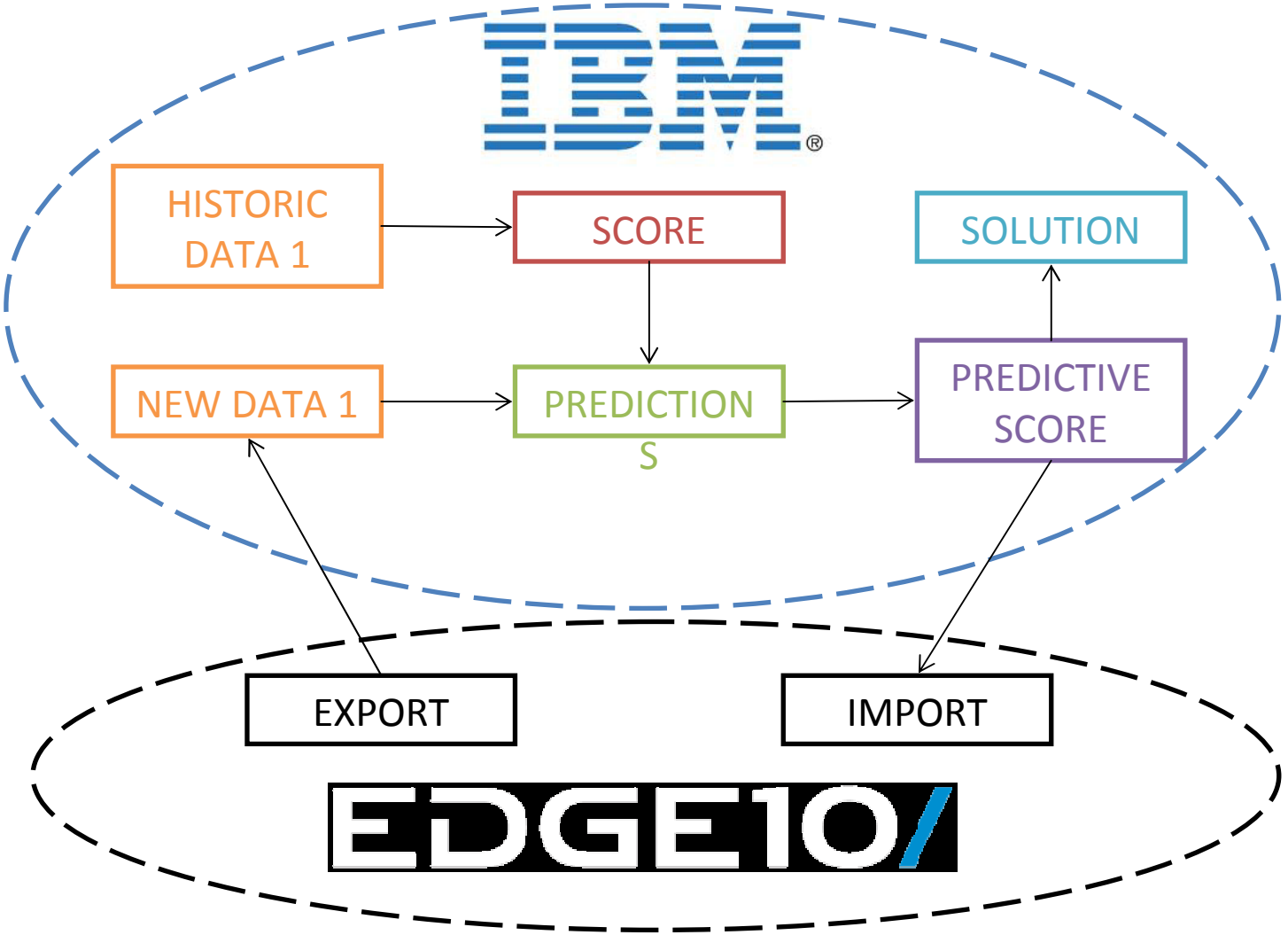
Information use – Data management



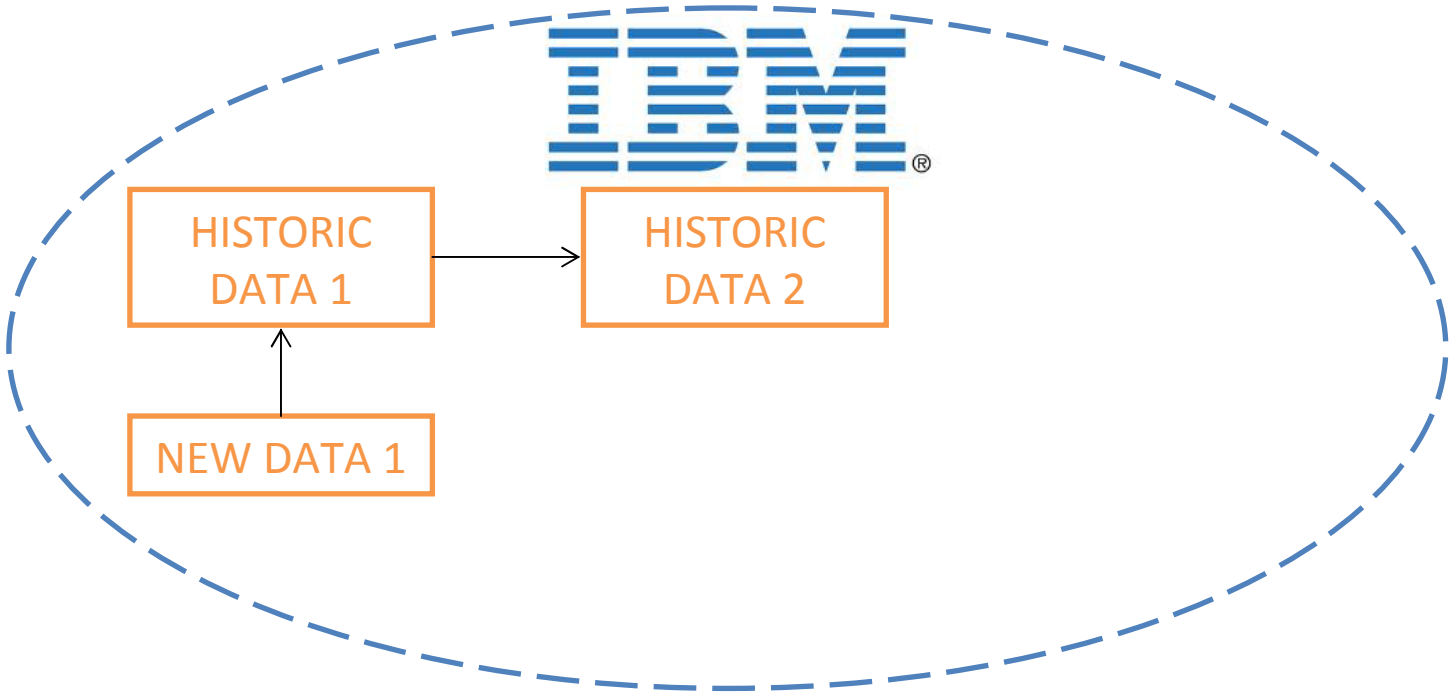
Information use – Data analysis



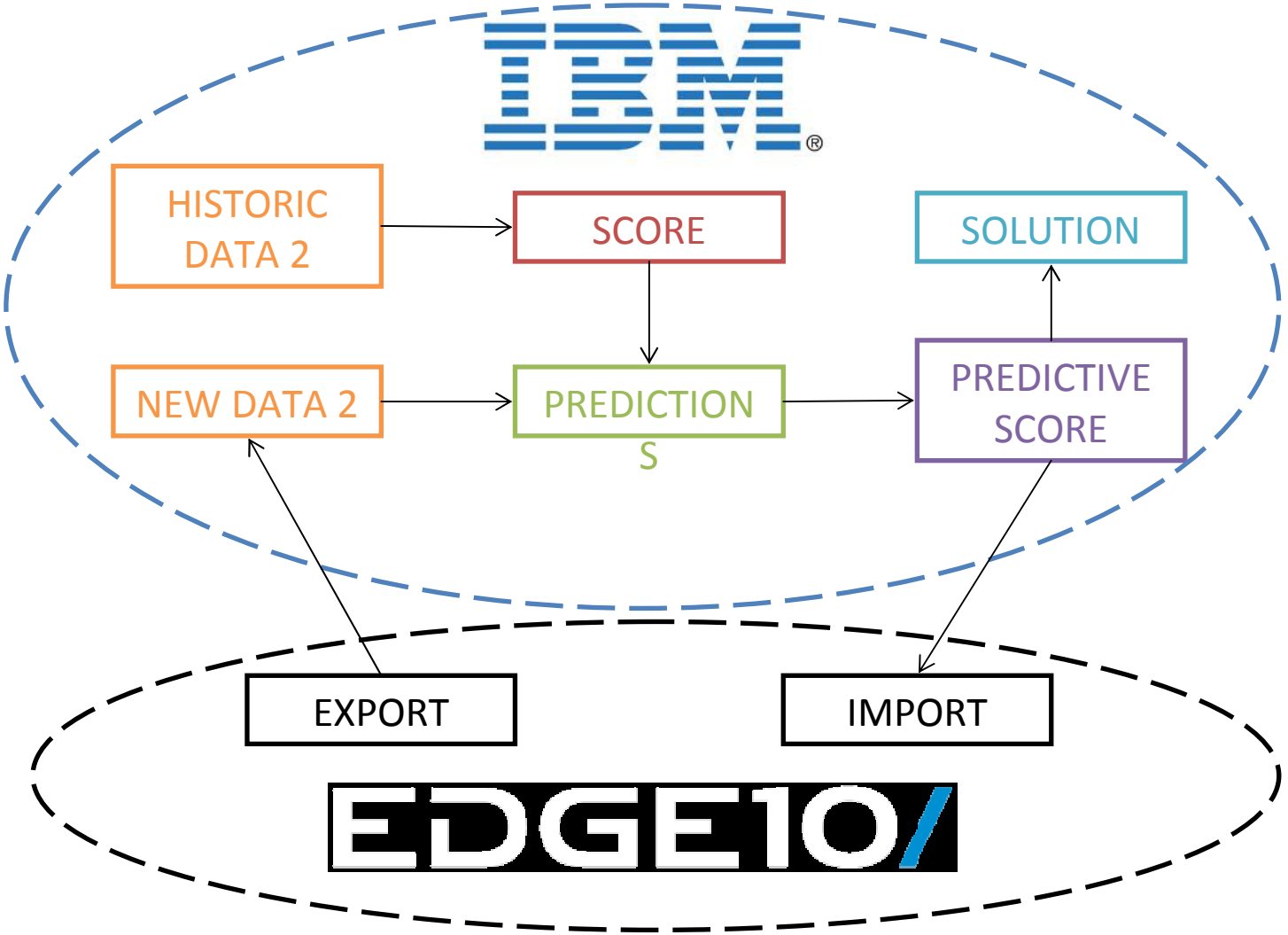
Information use – Data analysis



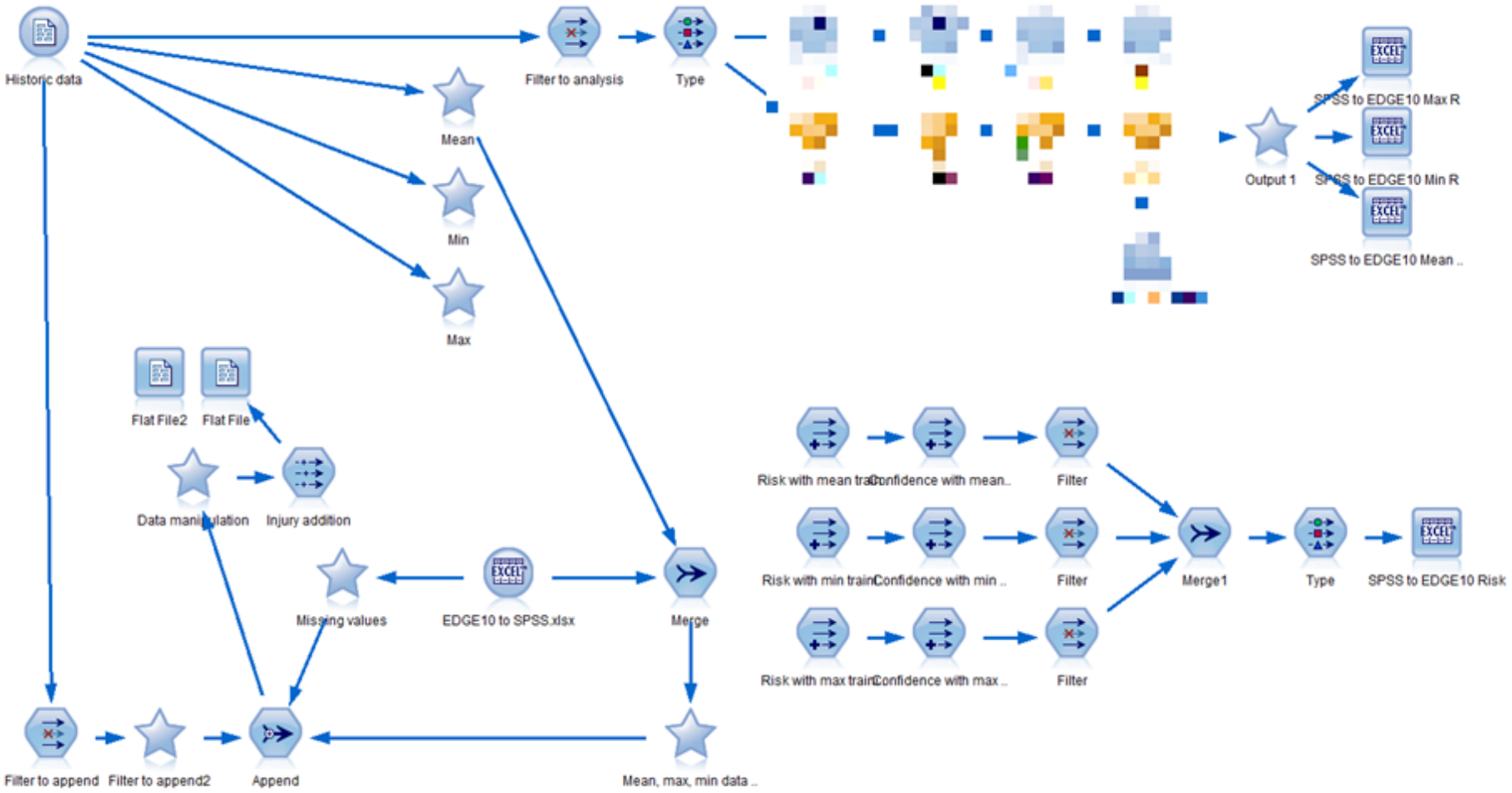
Information use – Data analysis



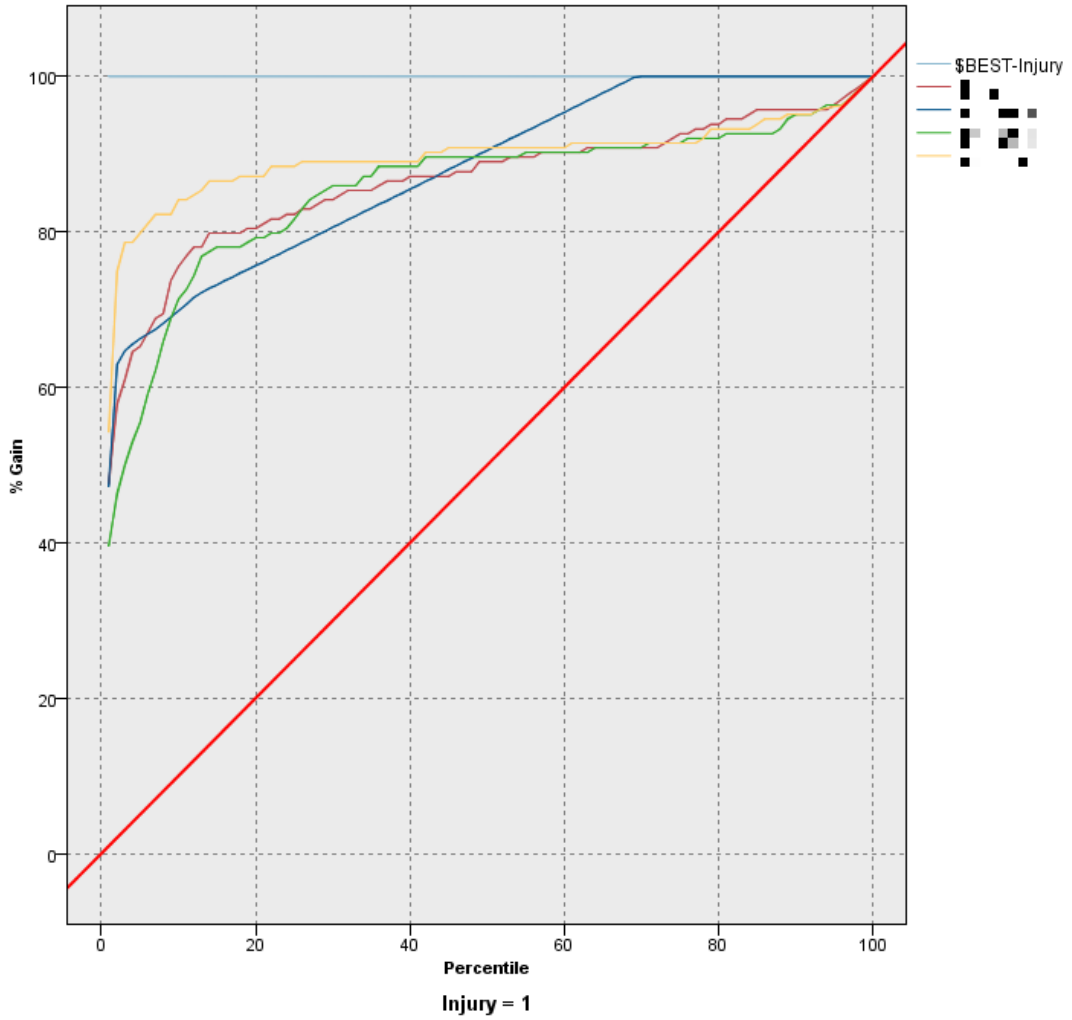
Information use – Data analysis



Information use – Data analysis



Information use – Model evaluation



Information use – Data reporting

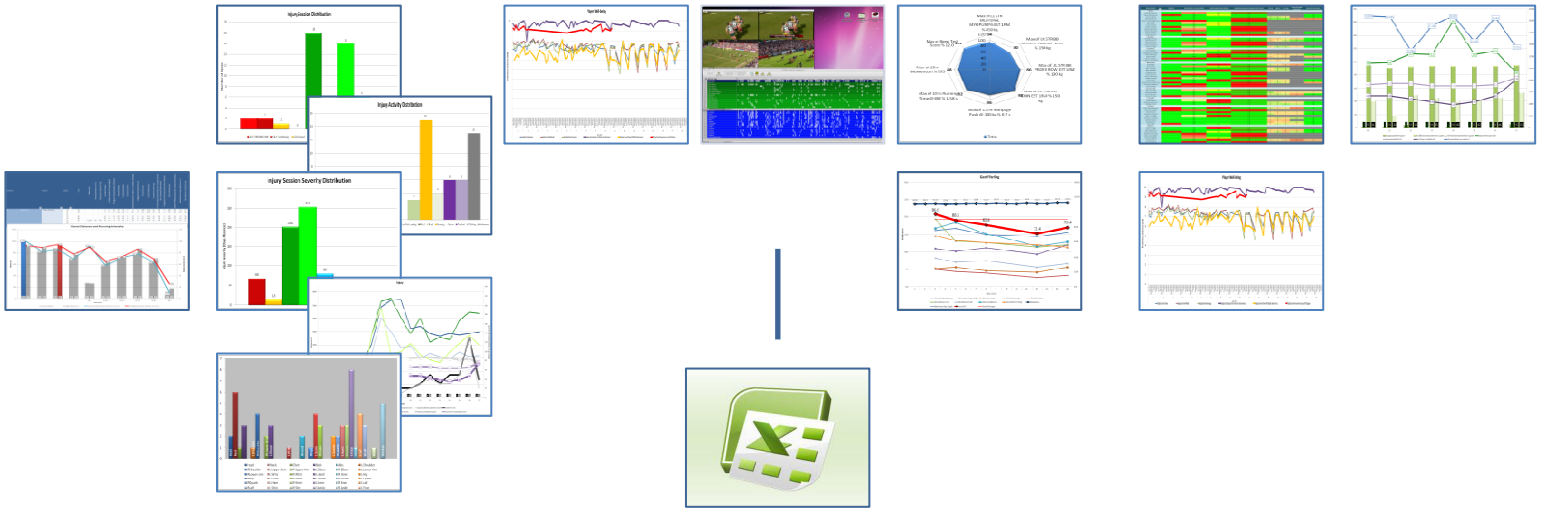
Injury prediction

- Yes or no
- Confidence

How do we affect this?

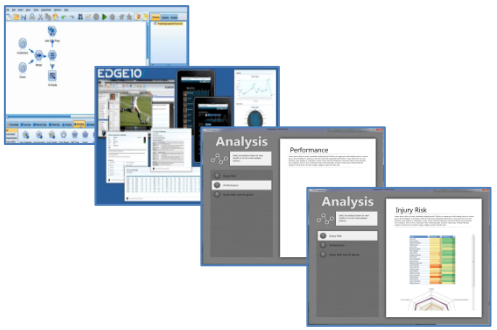
- Chronic
  - Strength and tolerance of tissue
  - Gait (technique with young players only)
- Acute
  - Tolerance of tissue
  - Fatigue
    - Physical (training volume and recovery)
    - Psychological

Information use – Data reporting



EDGE10

- Performance
- Injuries
- Psychological
- Technical/ tactical
- Physical
- Freshness
- Physical exertion



Summary

Benefits

- Better organised scientific based data leading to predict and effect performance/ injury risk leading to:
  - Improved squad well-being
  - Improved skill acquisition
  - Stronger, faster, more powerful, fitter players
  - Fresher players
  - More effective training management
  - Fewer and less severe injuries to key players
  - Better performance
  - Marginal gains

Future

Where could we head next?

Performance	• Technical/ tactical analysis
Recruitment	• Youth player selection
Genetics	• Player development • Training direction

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