**SyRF: Systematic Review Facility**

**app.syrf.org.uk**

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**Systematic Review Completed in One Platform**

SyRF web application (app.syrf.org.uk) facilities systematic review from search stage to meta analysis and graphing:

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**Systematic Review Customized for Your Project**

SyRF provides high flexibility and high elasticity in project design:

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**Systematic Review Powered by Text-Mining and Machine Learning**

- References Classifiers built for your project
  - APIs built by NaTeM and EPPI center are connected to SyRF
  - Sensitivity: 95%, specificity: 85%
  - Active learning with performance assessment in development

- Risk of bias assessment for pre-clinical study
  - Blinding: accuracy 91% ~ 94%
  - Randomization: accuracy 67% ~ 86%
  - Sample Size Calculation: accuracy 96%~100%


- Drug and disease model extraction
  - Disease Model
  - Drug/Intervention extraction

**Systematic Review Powered by Crowd Sourcing**

SyRF also has a suite enabling crowd sourcing systematic review:

- Education website
  - syrf.org.uk
- Training web application
  - learn.syrf.org.uk
- System review web application
  - app.syrf.org.uk

**Systematic Review with Expert Assistance Available**

SyRF is more than just an web application. SyRF is created by experts of systematic review and meta analysis CAMARADES in University of Edinburgh. Help is available through the format of web form, email, slack, weekly skype meeting, privately skype meeting by appointment.

**SyRF Usage Statistics**

- Over 350 Projects
- Over 1.2 Million Publications
- Over 650 registered users
- Users from all over the world

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**References**