

Contract Opportunity: MoveApps App Developer (Survival Analysis)

We are seeking a developer to design, implement, and deploy an application within the MoveApps platform (Movebank) to estimate animal survival.

This role focuses on implementing established survival analysis methods in R and packaging them as a MoveApps application. Prior experience with MoveApps is helpful but not required.

Scope of Work

- Develop a MoveApps application compliant with MoveApps framework and deployment requirements
- Implement Kaplan–Meier survival estimation using existing, well-established R survival packages (e.g., survival)
- Accept standard MoveApps / Movebank inputs (e.g., deployment-based data)
- Produce MoveApps-compatible outputs (e.g., tables and plots)
- Package and deploy the application within the MoveApps platform

Required Skills

- Strong R programming skills
- Experience developing analytical workflows, functions, or R libraries
- Ability to write clear, maintainable, and reproducible code
- Comfort working in containerized or reproducible computing environments

Preferred / Advantageous Experience

- Background in biology, ecology, or wildlife science
- Experience with survival analysis or related statistical methods
- Familiarity with MoveApps, Movebank, or similar analytical platforms (advantageous but not required)
- Experience developing R packages or modular analytical tools

Deliverables

- A deployed and functional MoveApps application
- Source code compliant with MoveApps standards
- User documentation describing inputs, outputs, and assumptions

Other details

- Short-term contract
- Remote work acceptable

Application Requirements

Applicants should provide the following, not exceeding two pages:

- A brief description of relevant R and analytical experience
- Examples of prior analytical tools, R packages, or similar software development
- Any experience with ecological or wildlife data (if applicable)

Submission

- Email applications to jasmine.ware@yukon.ca
- No cover letter
- Deadline for submission is January 21, 2026
- Only short-listed potential contractors will be contacted for a quote