

# XC-SPI Version History & Change Log

A public record of methodological, data, website, and document changes

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## Abstract

This living change log records substantive changes to the XC-SPI public release. It distinguishes content edits from methodological changes so that older screenshots, PDFs, and citations can be interpreted in the context of the version that produced them. Minor typography-only corrections may be grouped; changes that alter rankings, probabilities, formulas, evidence rules, or source status must be stated explicitly.

## 1. Versioning Rule

XC-SPI uses semantic-style release numbers. A **major** change indicates a substantial redesign or incompatible methodological change. A **minor** change indicates a meaningful new feature, document family, model component, or public-data change. A **patch** indicates presentation, reliability, or readability fixes that do not intentionally change the frozen model results.

## 2. 2026 Launch History

Table 1: Public project change log.

| Version | Date         | Change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.7.0   | Aug 29, 2026 | Postmodern Era historical-success release. Renamed the public Week 0 index to <b>Preseason Score</b> ; defined the project <b>Postmodern Era (Super-Shoe Era onward)</b> as 2020 forward; built a 2020–2024 NCAA scoring-profile dataset linked to 2021–2025 outcomes; added a regularized Historical Success Model for title/podium/top-10/top-20 rates; added a COVID-disrupted-2020 sensitivity re-run; published a separate Historical Success Ranking and Top-25-conditional Historical Title Odds; kept the frozen 2026 Power Ranking unchanged; and retained the athlete-level Championship Odds gate. |

Table 1: Public project change log (continued).

| Version | Date         | Change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.6.0   | Aug 28, 2026 | Statistical-design revision. Preserved the frozen Week 0 RACP rankings while redefining RACP as a roster-adjusted scoring index rather than expected points; renamed the Week 0 athlete quantity $C_i$ and depth-fragility term $F_j$ ; separated evidence confidence from future availability/selection; scaled athlete-state uncertainty by elapsed time; made context uncertainty explicit in race updates; added condition-dependent residual variance and a team-by-race shared shock; removed the Bradley–Terry layer from production; separated expected score from title probability; adopted adaptive Monte Carlo precision rules; expanded championship calibration to a longer multi-season archive; and deprecated/withdrew the RACP-to-lognormal public preseason odds bridge. |
| 2.5.0   | Aug 28, 2026 | Final preseason publication-system release. Added Reader’s Guide, Data Dictionary, Limitations statement, Version History, Citation & Reuse Guide, Source & Evidence Register, FAQ, and Historical Validation & Backtesting Plan. Reorganized the public library into Start Here, 2026 Analysis, Technical Documentation, and Project Records. Added site-wide typography/accessibility/print/SEO polish, XC-SPI on-page navigation, standardized article meta/footer treatment, and expanded release QC.                                                                                                                                                                                                                                                                                   |
| 2.4.1   | Aug 28, 2026 | Web readability patch. Condensed the season preview into medium-length paragraphs, shortened section headlines, reduced long-form heading scale, and improved line length/spacing. Model data were intentionally unchanged.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2.4.0   | Aug 28, 2026 | Full production release. Expanded public library to 12 PDFs; moved the preseason odds publication into the public library; added Formula & Statistics Guide and one-page cheat sheet; implemented Academic Site Check; synchronized public odds with the frozen audited RACP ledger; rebuilt PDFs and preflighted them.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2.3.0   | Aug 28, 2026 | Replaced the short season preview with a long-form narrative feature while preserving the audited Week 0 calculation set. Expanded 2025 championship context and 2026 storylines.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2.2.x   | Aug 28, 2026 | Site/package stabilization, document-library cleanup, and source/audit packaging.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2.1.x   | Aug 28, 2026 | Early public XC-SPI WordPress integration and project-hub iteration.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1.x     | Aug 28, 2026 | Initial proof-of-concept ranking/site builds. Superseded by the audited 2.x release line.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

### **3. Frozen Week 0 Result Rule**

Version 2.7.0 does not intentionally recalculate the frozen Week 0 Preseason Score ledger from the 2.4–2.6 release line. Historical Success is a separate ranking layer and does not overwrite the Power Ranking. Presentation, navigation, documentation, and reader guidance may improve without changing the ranking. Any future correction that changes a team value or order must be identified here as a data/model correction rather than hidden inside a typography update.

### **4. How Future Weekly Releases Will Be Logged**

Each weekly entry should record: data cutoff; newly incorporated races; roster/status changes; source corrections; model version; parameter/coefficient changes; simulation count/seed; ranking changes caused by new evidence versus code changes; and whether any previously published result was corrected.

### **5. Correction Policy**

A factual typo that does not alter an output may be corrected in place and noted in the next change-log entry. A correction that changes a model input, Preseason Score, Power Ranking, Historical Success output, probability, or public interpretation requires a versioned release and explicit correction note. Old source manifests and audit outputs remain retained internally.

### **6. Citation Rule for Versions**

When a result is likely to change over time, cite the specific release date/version or the PDF title rather than only the project homepage. The Citation & Reuse Guide provides recommended forms.