Knowledge Decay Diagnostic Report

Comprehensive Diagnostic Overview

Document: file1.pdf

Generated on: 2025-12-06 05:02:13 UTC

This diagnostic report evaluates document knowledge health, temporal relevance, and decay patterns across technical, operational, and regulatory dimensions.

Knowledge Decay Diagnostic Report

Summary Statistics

- Total Chunks Analyzed: 4
- Average Confidence: 32.0%

Chunk: tmplp0wyu6h_chunk_0000

Confidence: 34.0%

This chunk shows 26% decay, with tech (5) and ops (7) domains moderately weighted, while reg (2) is underrepresented. Temporal focus is narrowly tied to 'year' markers, suggesting annual data points. No contradictions or supersedence detected. Evidence: - item1 - item2 Notes: Valid parts include tech/ops analysis; decayed parts may involve outdated year-specific data. Domain scores indicate tech/ops relevance, but reg gaps limit scope. Temporal signals are strictly annual, lacking broader context.

[SYSTEM UPDATE]: This chunk has been superseded by 'file2.pdf' due to: The new version introduces Copernicus' heliocentric theory with mathematical foundations, explains retrograde motion as an apparent effect of Earth's motion, and addresses stellar parallax through cosmological distance concepts.

Chunk: tmplp0wyu6h_chunk_0001

Confidence: 29.5%

With 30.5% decay, this chunk emphasizes tech (8) and reg (3) domains, while ops (6) are moderately weighted. Temporal drift spans 'legacy' to 'modern' systems, hinting at evolving frameworks. No contradictions or supersedence detected. Evidence: - item1 - item2 Notes: Valid parts include legacy-modern transitions; decayed parts may involve outdated tech/reg specifics. Domain scores highlight tech dominance, but reg underrepresentation persists. Temporal signals reflect system evolution over time.

[SYSTEM UPDATE]: This chunk has been superseded by 'file2.pdf' due to: The new version introduces Copernicus's heliocentric system, explaining planetary motion through Earth's orbit rather than Ptolemaic epicycles, and addresses stellar parallax as a result of cosmic scale rather than Earth's immobility..

Chunk: tmplp0wyu6h_chunk_0002

Confidence: 33.0%

This chunk exhibits 27% decay, with ops (8) and reg (5) domains balanced, while tech (2) is underweighted. Temporal scope spans 'ancient' to 'modern' eras, indicating broad historical context. No contradictions or supersedence detected. Evidence: - item1 - item2 Notes: Valid parts include ancient-modern comparisons; decayed parts may involve tech-specific gaps. Domain scores suggest ops/reg relevance, but tech limitations reduce analytical depth. Temporal signals bridge historical and contemporary frameworks.

[SYSTEM UPDATE]: This chunk has been superseded by 'file2.pdf' due to: The new version introduces Copernicus's heliocentric theory, addresses historical objections with scientific explanations (e.g., stellar parallax, Earth's motion), and corrects the old chunk's factual claims about the geocentric model's validity..

Chunk: tmplp0wyu6h_chunk_0003

Confidence: 31.5%

At 28.5% decay, this chunk prioritizes tech (8) and ops (7) domains, with reg (0) entirely absent. Temporal drift includes 'legacy', 'modern', and 'version' markers, pointing to iterative development. No contradictions or

supersedence detected. Evidence: - item1 - item2 Notes: Valid parts include version-based tech/ops analysis; decayed parts may involve missing reg context. Domain scores reflect tech/ops centrality, but reg absence creates gaps. Temporal signals emphasize versioning and iterative progress.

[SYSTEM UPDATE]: This chunk has been superseded by 'file2.pdf' due to: The old chunk promoted geocentrism as an established truth, while the new version correctly emphasizes the Copernican principle and heliocentrism as the accepted model.