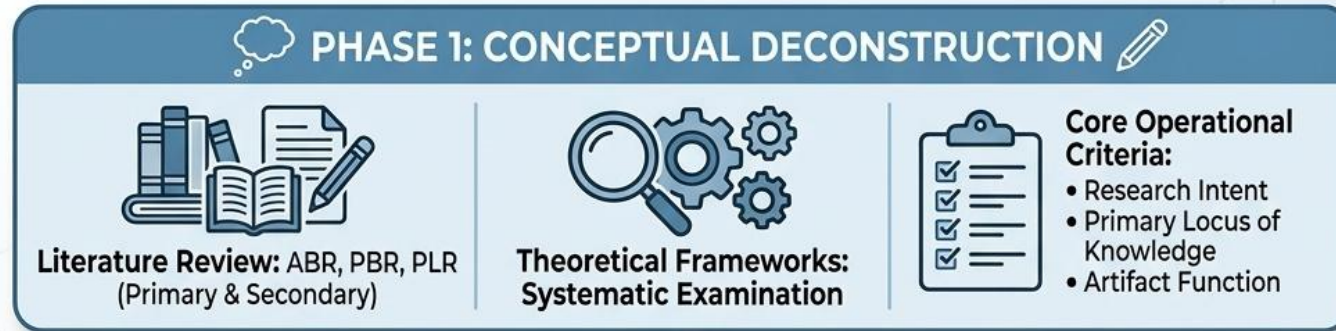


The Methodological Trap: Disentangling ABR, PBR, and PLR in Animation Creation

the Problem is The flexibility of the production process blurs epistemological boundaries. Researchers struggle to define whether knowledge originates from the final artifact (PBR), process innovation (PLR), or the overarching artistic concept (ABR).

- **RQ1:** Manifestations of ABR, PBR, and PLR ambiguity in animation practice.
- **RQ2:** The framework structure for the placement of PBRs and PLRs under the umbrella of the ABR.

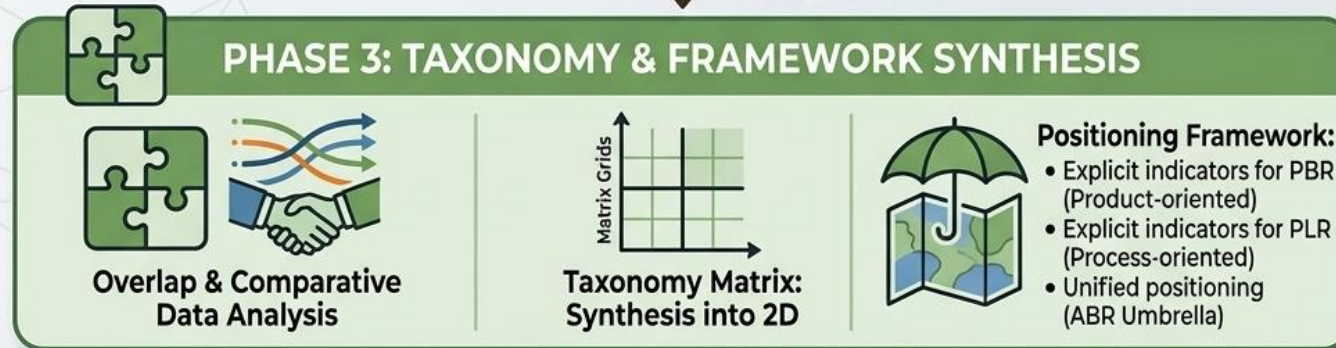




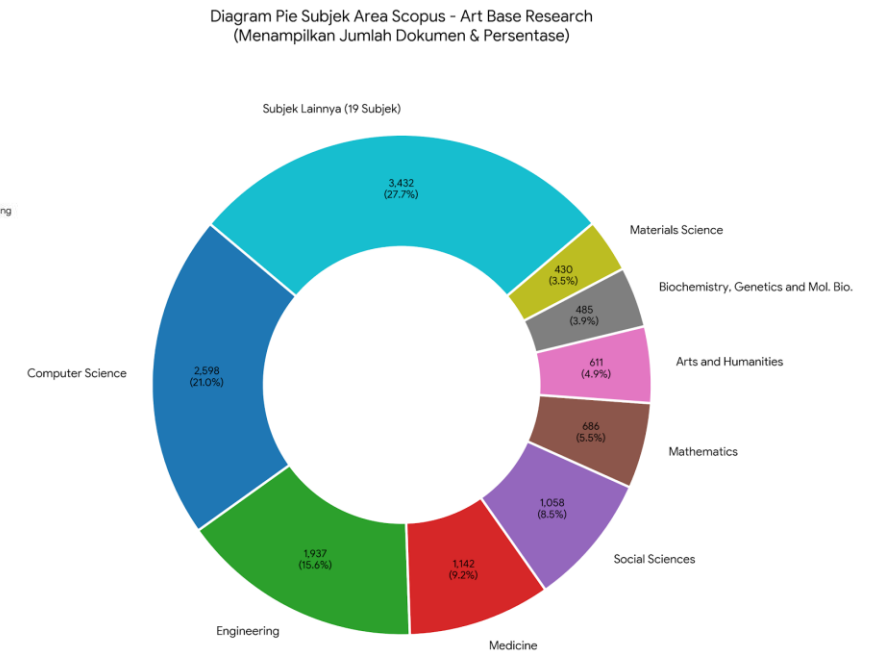
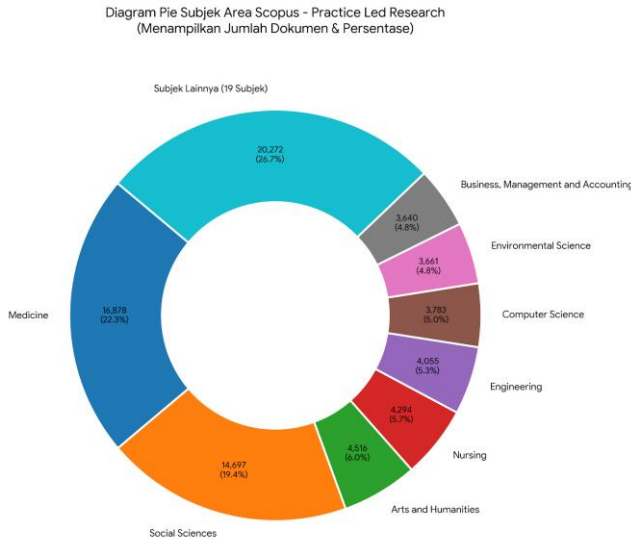
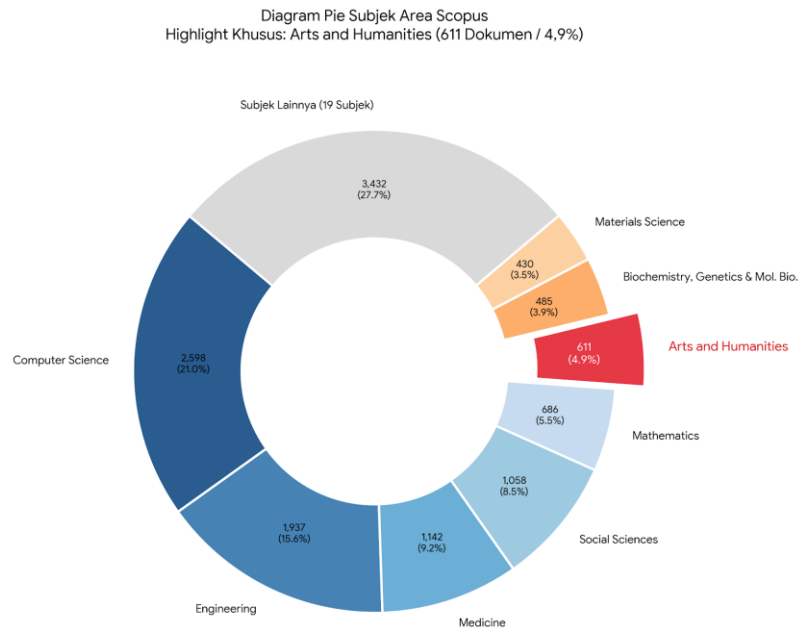
↓
Extracted Criteria



↓
Methodological
Overlaps Identified



The research adopts a conceptual-methodological research design, utilizing integrative literature synthesis and comparative conceptual analysis to construct the proposed positioning framework. Rather than reporting on a single empirical animation project, this paper analyzes the structural intersection between research paradigms (ABR, PBR, PLR) and animation creation dynamics. The analytical procedure was executed in three sequential phases:



RESULT PHASE 1

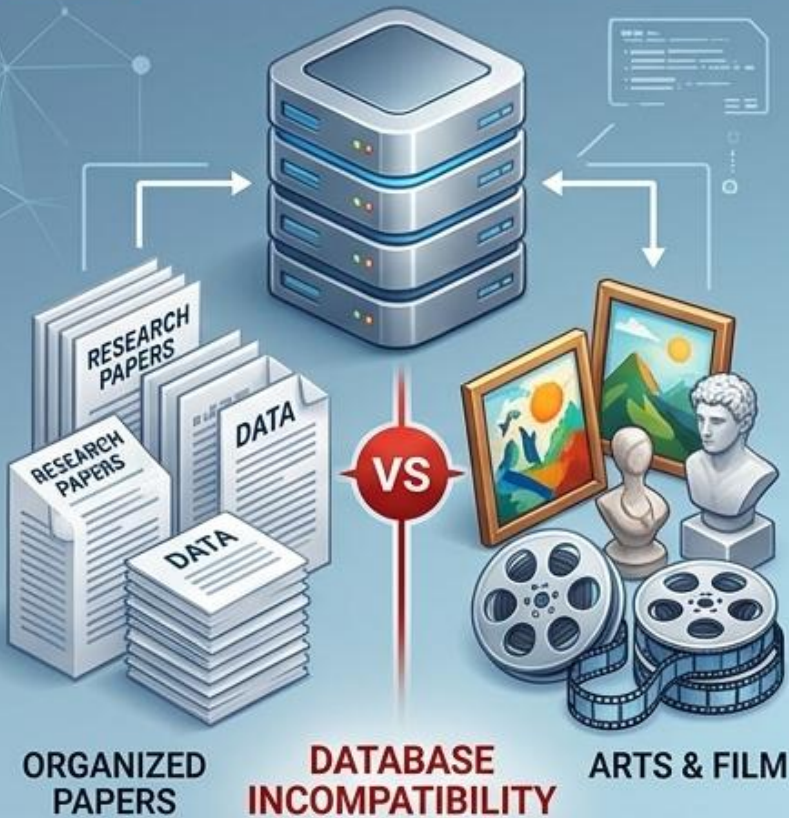
Practice-Based Research (PBR) and Arts-Based Research (ABR), the Arts and Humanities subject area accounts for only a small share—4.9% with 611 documents. In contrast, Practice-Led Research (PLR) shows a significantly higher volume for Arts and Humanities, with 4,516 documents (6.0%). The low frequency observed in PBR and ABR is likely due to the highly specific and niche nature of these methodologies. PBR is dominated by computer science (21.0%) and engineering (15.6%) due to a strong emphasis on creating technological prototypes and physical products, whereas ABR focuses exclusively on artistic approaches. Conversely, the high number of Arts and Humanities documents in PLR indicates that this methodology—which centers on process reflection and workflow improvement—has been widely adopted as a standard for evaluative documentation by practitioners in the arts, design, and humanities within the academic ecosystem.

The phenomenon of the underrepresentation of arts and humanities disciplines in publication metrics for Arts-Based Research (ABR), Practice-Based Research (PBR), and Practice-Led Research (PLR) stems from three structural and epistemological tensions within the academic ecosystem.

EXPLORING ACADEMIC RESEARCH CHALLENGES: THREE CORE CONFLICTS

1

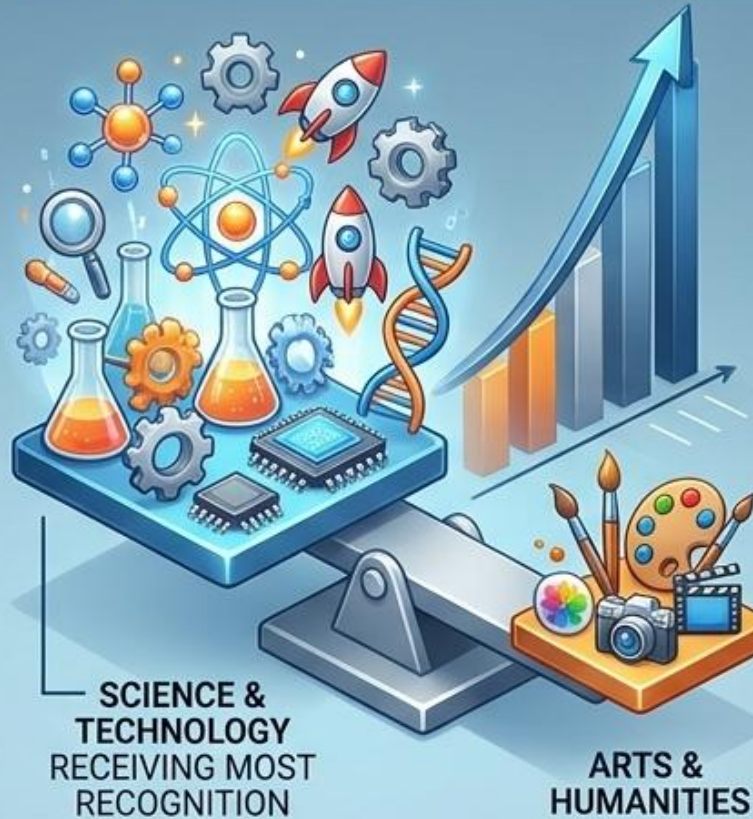
DISCONNECTED
DATA TYPES



ORGANIZED TEXT vs. MISALIGNED
ART AND FILM DATA

2

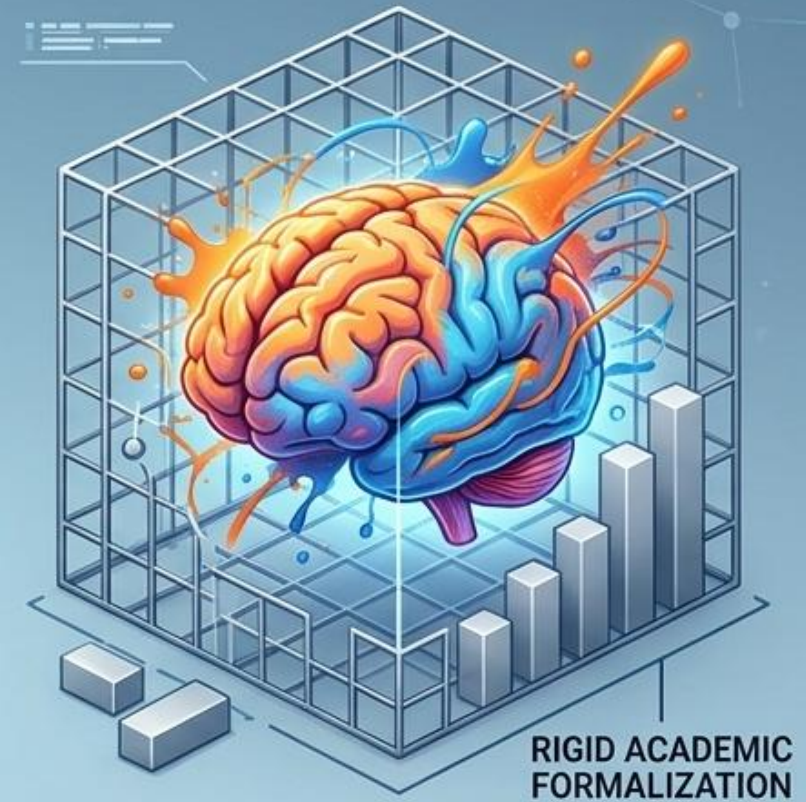
BIASED METRICS
& EVALUATION



METRICS PRIORITIZE STEM DISCIPLINE
OVER CREATIVE ARTS

3

INTUITIVE BRAIN RESISTS
RIGID STRUCTURES



CREATIVE ARTISTIC PROCESS IS
INTUITIVE AND SUBJECTIVE