APPENDICES

APPENDIX A: BIBLIOMETRIC ANALYSIS SUMMARY TABLES

Table A1. Publication Trends by Year

Year	Number of Articles	Cumulative Total	Annual Growth Rate
2019	8	8	-
2020	10	18	25.0%
2021	19	37	90.0%
2022	22	59	15.8%
2023	30	89	36.4%
2024	38	127	26.7%

Table A2. Geographic Distribution of Authors

Region	Number of Authors	Percentage
North America	189	42%
Western Europe	171	38%
East Asia	68	15%
Other Regions	22	5%
Total	450	100%

Table A3. Research Cluster Distribution

Cluster	Percentage	Focus Area
Automation & Displacement	34%	Job-loss predictions; task automation
Skills & Training	26%	Education, reskilling, human capital
Innovation Systems	18%	R&D, entrepreneurship, innovation policy
Labor Institutions	14%	Regulation, collective bargaining
Data Governance	8%	Privacy, GDPR compliance, AI ethics

APPENDIX B: INSTITUTIONAL COMPARISON DATA

Table B1. AI Development Indicators by Country (2023-2024)

Indicator	USA	UK	Germany	Sweden	Japan
AI Investment (USD billions)	47.4	11.2	9.8	2.1	13.4
AI-related Job Postings (%)	8.7	6.3	4.8	5.2	3.9
Automation-Vulnerable Employment (%)	38	35	32	29	31

Data Sources: OECD.AI Policy Observatory (AI investment, policy documents); LinkedIn Economic Graph (job posting data); Frey & Osborne (2017) methodology adapted to national contexts (automation vulnerability estimates); National statistical offices (employment data).

Table B2. Labor Market Outcomes (2019-2024)

Country	High-Skill Growth	Middle-Skill Growth	Low-Skill Growth	Polarization Index
USA	+12.3%	-4.7%	+6.1%	0.167
UK	+10.1%	-3.2%	+4.7%	0.143
Germany	+8.7%	-1.2%	+2.3%	0.098
Sweden	+9.4%	+0.8%	+3.1%	0.083
Japan	+7.2%	-0.8%	+1.9%	0.112

Data Sources: OECD Employment and Labour Market Statistics; Eurostat; National statistical offices (U.S. Bureau of Labor Statistics, UK Office for National Statistics, German Federal Statistical Office, Statistics Sweden, Japanese Ministry of Internal Affairs and Communications).