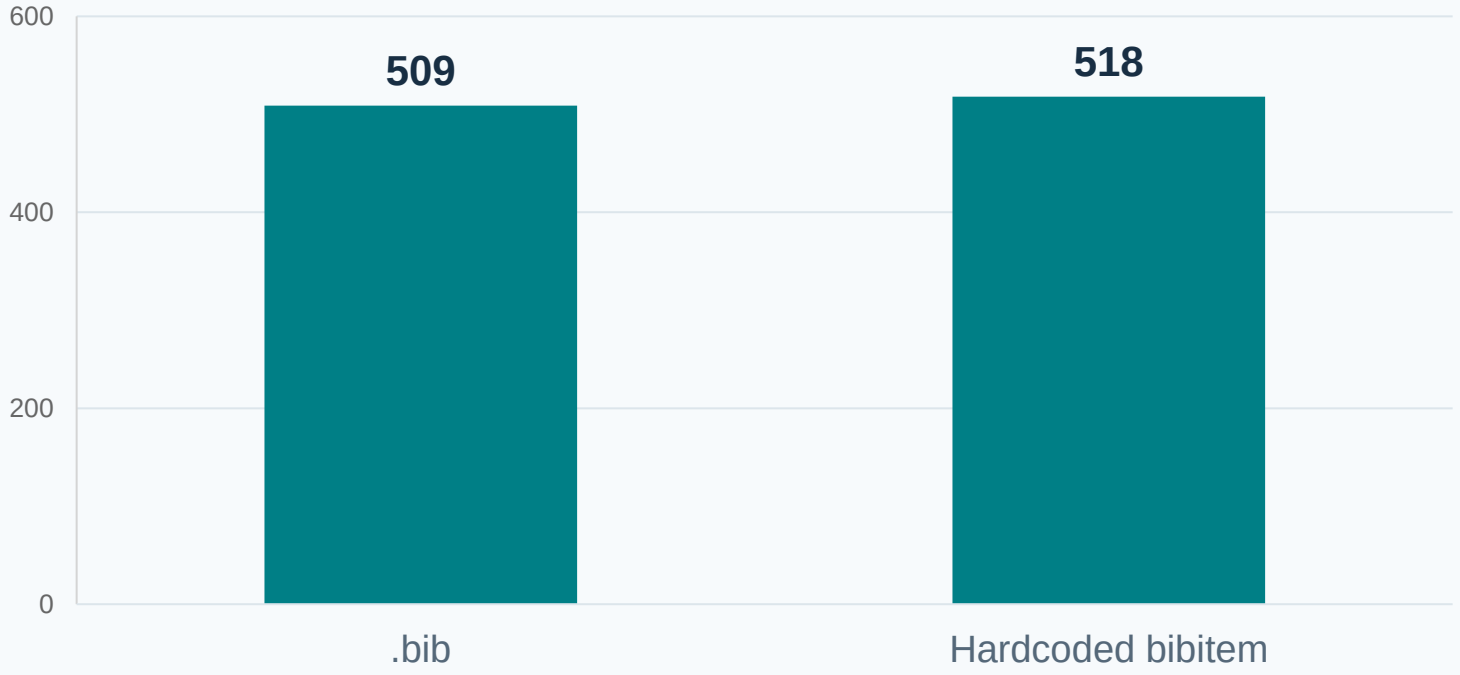
IPAC reference workflows

Entry types and .bib adoption, 2023–2026

Evidence and discussion for the JACoW team

.bib and bibitem submissions are nearly even

Reported IPAC26 submission counts in the supplied findings



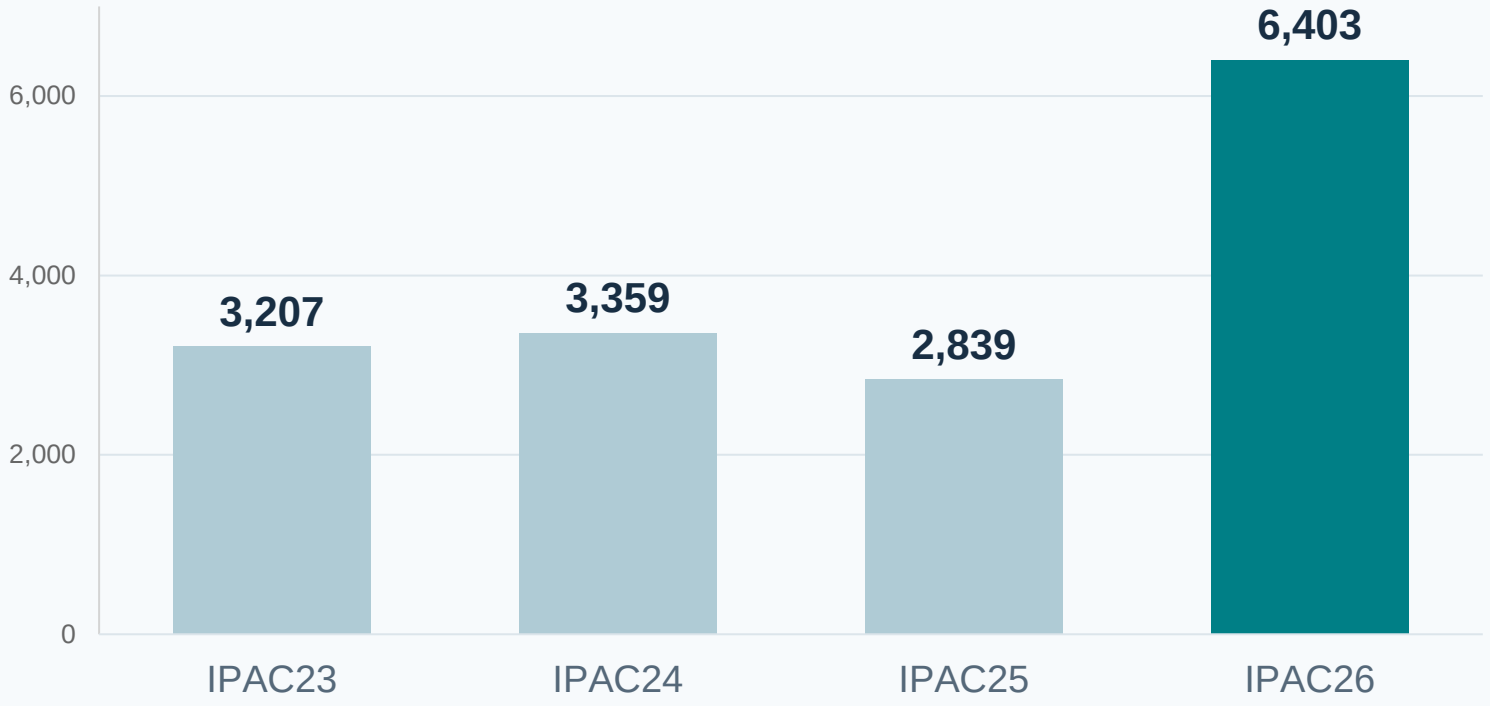
49.6%

.bib share of the two reported submission groups

Denominator: 509 + 518 = 1,027 submissions

IPAC26 entry volume is 2.04× the prior average

Extracted .bib entries by conference



6,403

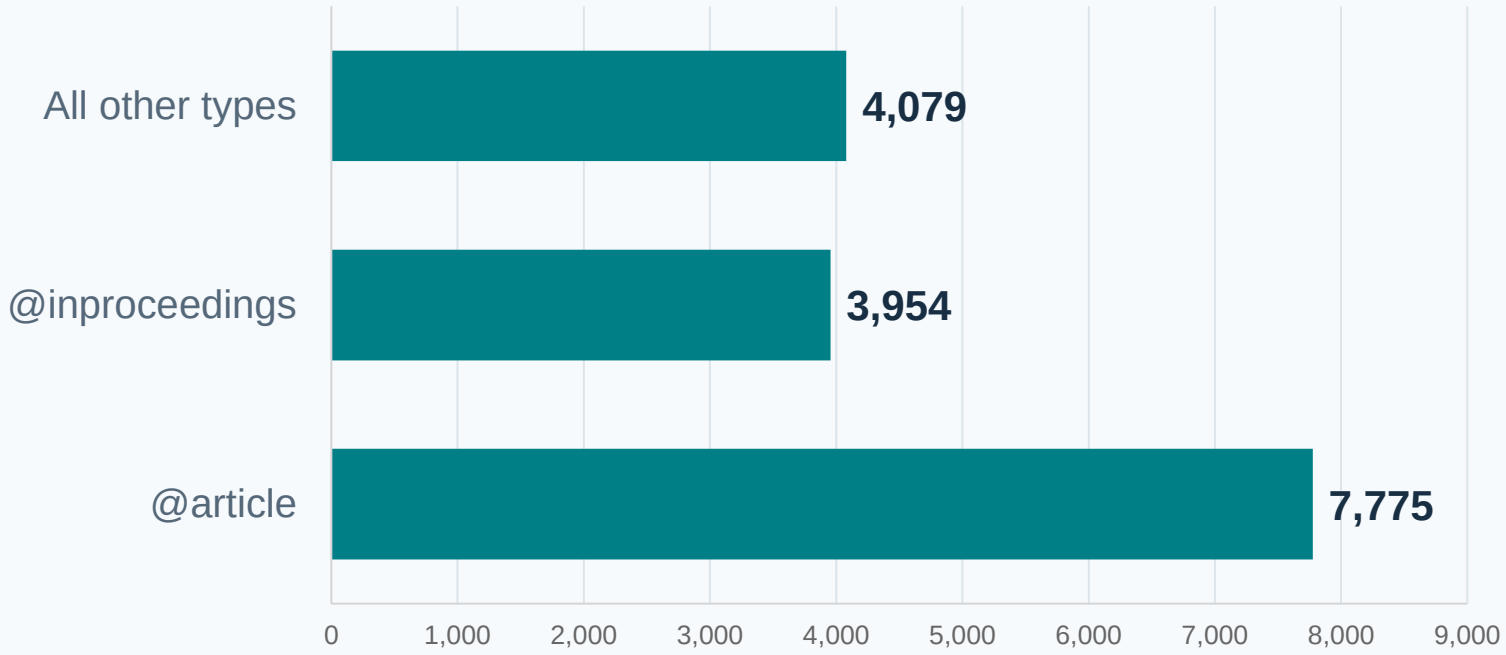
entries at IPAC26

+125.5% versus IPAC25

IPAC23–25 average: 3,135 entries. Counts measure extracted records, not unique works.

Two entry types account for 74.2% of all records

Combined IPAC23–26 counts, 15,808 entries



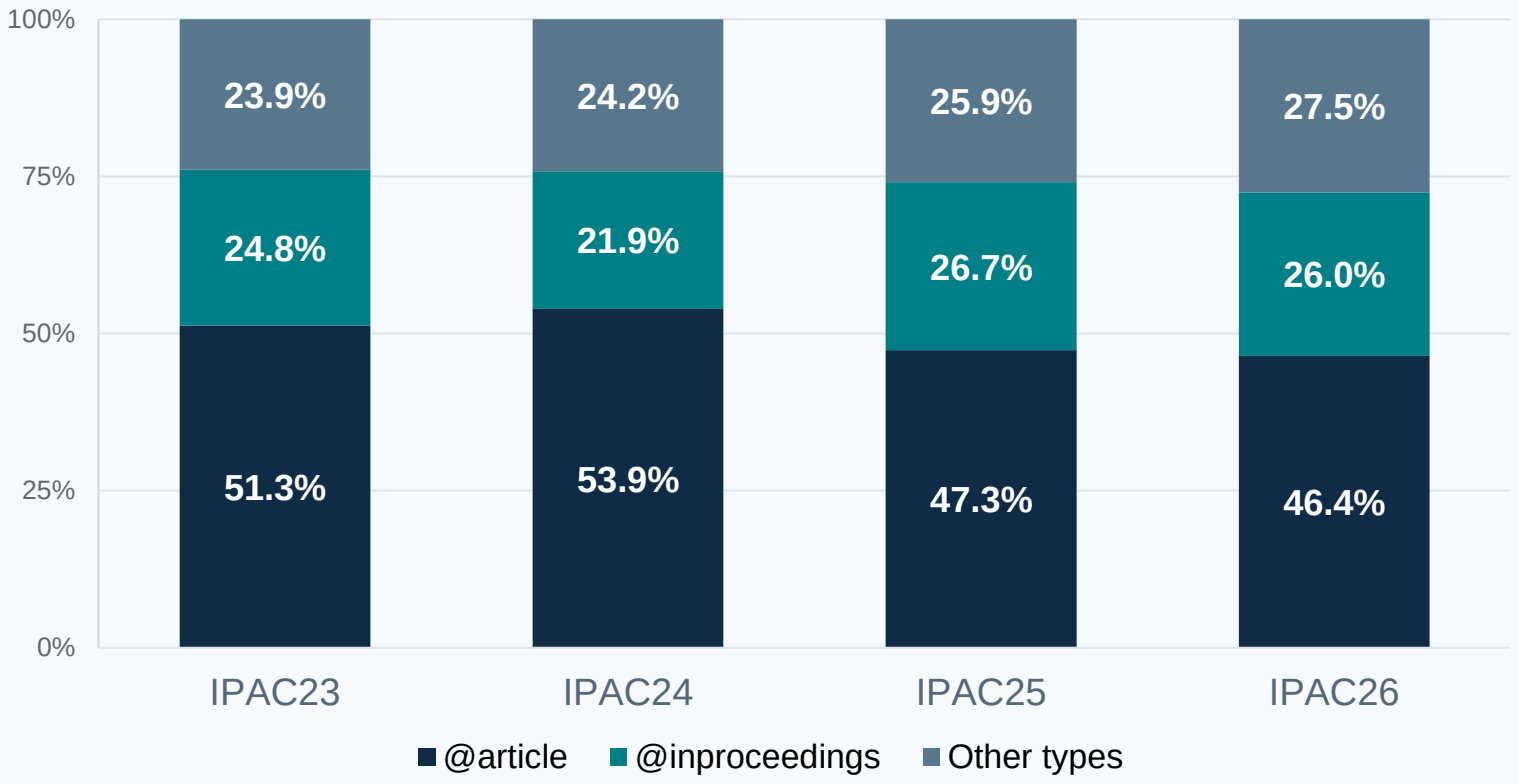
11,729

@article and @inproceedings records combined

A high-volume starting point for validation coverage

The mix changes less than the total volume

Share of each year’s extracted entries



72.5%

IPAC26 share for the two largest types

76.1% at IPAC23
A decrease of 3.6 percentage points

The smaller categories deserve targeted checks

Selected counts across the four conferences

Entry type	IPAC23	IPAC24	IPAC25	IPAC26
@online	24	18	62	176
@unpublished	25	49	104	203
@software	21	9	9	48
@xdata	0	0	0	141

@online rises from 0.7% to 2.7% of entries. The extract first shows @xdata at IPAC26.

Unusual type names need review before correction

Examples from the supplied extract

01 Likely typing errors

@mist (2), @unbublished (1), @inproceedungs (1), @unpublishedc (1)

02 Names to check against the supported toolchain

@masterthesis, @webpage, @journal and other uncommon labels

03 Proposed author feedback

Show the source record and a suggested correction, then confirm the result

A proposed validation pilot for JACoW

A discussion proposal based on the observed entry mix

01 Initial coverage

Test @article and @inproceedings, then the less common supported types

02 Review and feedback

Flag unfamiliar type names and preserve the original record for review

03 Pilot measures

Track flagged records, confirmed errors and editorial time per submission

Appendix 1: complete entry-type statistics

Counts and percentages reproduced from the supplied table

Entry type	IPAC23	IPAC24	IPAC25	IPAC26	Total
@article	1,645 (51.3%)	1,812 (53.9%)	1,344 (47.3%)	2,974 (46.4%)	7,775 (49.2%)
@inproceedings	795 (24.8%)	735 (21.9%)	759 (26.7%)	1,665 (26.0%)	3,954 (25.0%)
@misc	313 (9.8%)	235 (7.0%)	144 (5.1%)	325 (5.1%)	1,017 (6.4%)
@report	127 (4.0%)	202 (6.0%)	207 (7.3%)	378 (5.9%)	914 (5.8%)
@book	106 (3.3%)	130 (3.9%)	84 (3.0%)	198 (3.1%)	518 (3.3%)
@unpublished	25 (0.8%)	49 (1.5%)	104 (3.7%)	203 (3.2%)	381 (2.4%)
@thesis	54 (1.7%)	64 (1.9%)	83 (2.9%)	136 (2.1%)	337 (2.1%)
@online	24 (0.7%)	18 (0.5%)	62 (2.2%)	176 (2.7%)	280 (1.8%)
@xdata	0 (0.0%)	0 (0.0%)	0 (0.0%)	141 (2.2%)	141 (0.9%)
@event	62 (1.9%)	63 (1.9%)	6 (0.2%)	2 (0.0%)	133 (0.8%)
@software	21 (0.7%)	9 (0.3%)	9 (0.3%)	48 (0.7%)	87 (0.6%)
@manual	3 (0.1%)	6 (0.2%)	24 (0.8%)	43 (0.7%)	76 (0.5%)

Appendix 2: complete entry-type statistics

Counts and percentages reproduced from the supplied table

Entry type	IPAC23	IPAC24	IPAC25	IPAC26	Total
@inbook	17 (0.5%)	12 (0.4%)	8 (0.3%)	39 (0.6%)	76 (0.5%)
@incollection	9 (0.3%)	16 (0.5%)	3 (0.1%)	15 (0.2%)	43 (0.3%)
@inconference	0 (0.0%)	0 (0.0%)	0 (0.0%)	37 (0.6%)	37 (0.2%)
@standard	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (0.1%)	5 (0.0%)
@preprint	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (0.1%)	5 (0.0%)
@journal	0 (0.0%)	0 (0.0%)	0 (0.0%)	4 (0.1%)	4 (0.0%)
@proceedings	1 (0.0%)	1 (0.0%)	0 (0.0%)	2 (0.0%)	4 (0.0%)
@patent	0 (0.0%)	1 (0.0%)	0 (0.0%)	2 (0.0%)	3 (0.0%)
@webpage	0 (0.0%)	1 (0.0%)	0 (0.0%)	1 (0.0%)	2 (0.0%)
@url	1 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.0%)	2 (0.0%)
@dataset	1 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.0%)	2 (0.0%)
@mist	2 (0.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	2 (0.0%)

Appendix 3: complete entry-type statistics

Counts and percentages reproduced from the supplied table

Entry type	IPAC23	IPAC24	IPAC25	IPAC26	Total
@legal	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.0%)	1 (0.0%)
@mvbook	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.0%)	1 (0.0%)
@booklet	0 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	1 (0.0%)
@unbublished	0 (0.0%)	0 (0.0%)	1 (0.0%)	0 (0.0%)	1 (0.0%)
@unknown	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.0%)
@unpublishedc	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.0%)
@web	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.0%)
@masterthesis	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.0%)
@inproceedungs	0 (0.0%)	1 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.0%)
@generic	1 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.0%)
TOTAL ENTRIES	3,207 (100.0%)	3,359 (100.0%)	2,839 (100.0%)	6,403 (100.0%)	15,808 (100.0%)