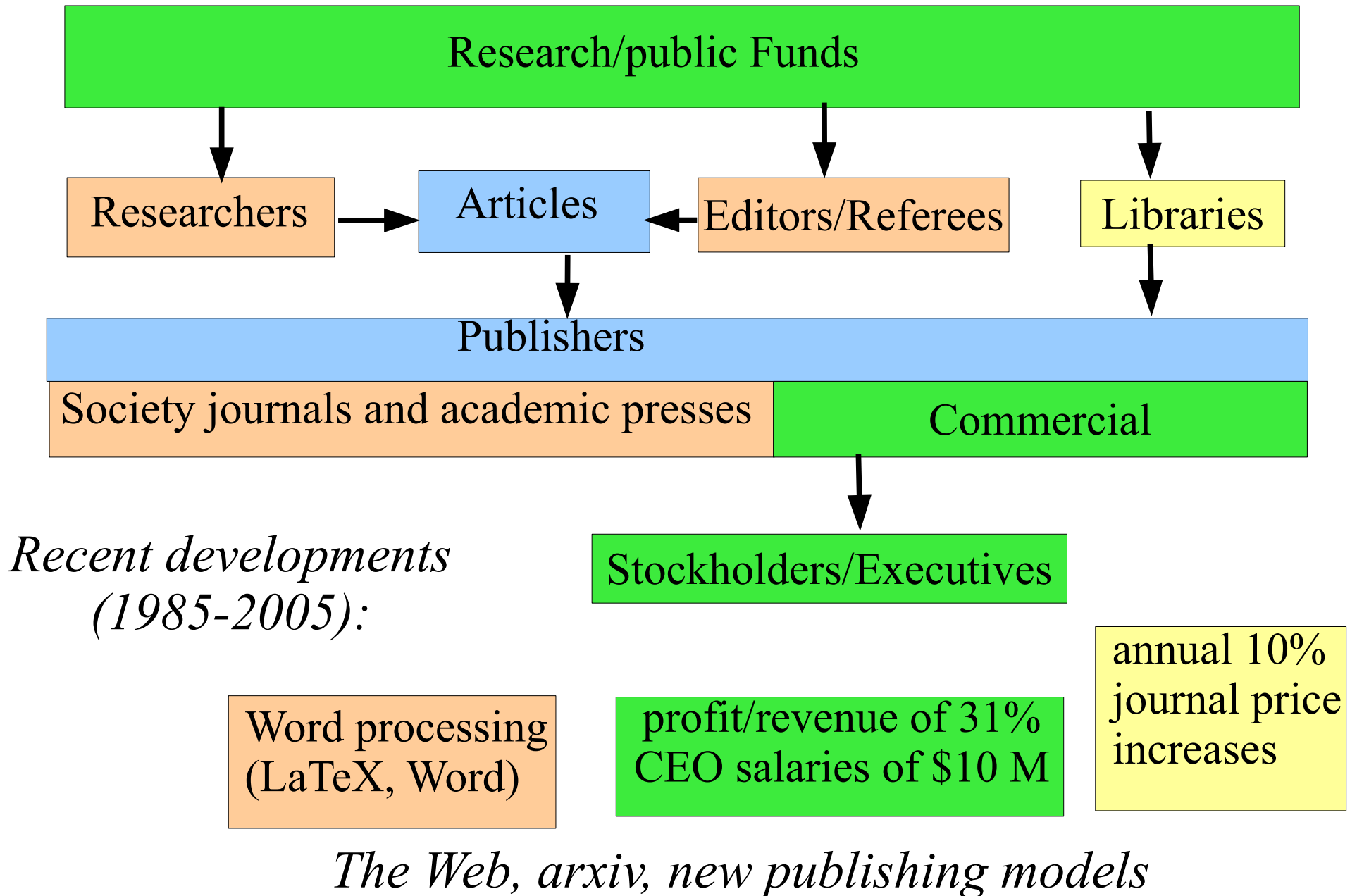


Economics of Academic Publishing



Comparison of Five Nonlinear Journals

TITLE	PUBLISHER	Sub price	pgs in 2002	5 yr # papers	5 yr # cites	cost/paper	cost/5 yr cite	cost/page
Physica D	Elsevier	4,962.00	3256	1245	4683	\$19.93	\$1.06	\$1.52
Phys Rev E	APS	3,230.00	23766	9529	76329	\$1.69	\$0.04	\$0.14
Phys Rev Lett	APS	2,810.00	12188	14753	199901	\$0.95	\$0.01	\$0.23
SIAM J Appl Math	SIAM	430.00	2198	515	1299	\$4.17	\$0.33	\$0.20
Nonlinearity	IOP	1,240.00	2200	499	1044	\$12.42	\$1.19	\$0.56
Chaos	AIP	\$505.00	1076	515	2356	\$4.90	\$0.21	\$0.47

Thanks to Ted Bergstrom, UCSB

*Some adjustments may be required to reflect “bundling”. Chaos prices are from 2005.
Main trends continue to hold, with ratio of 3-10 between highest and lowest cost/page.

What can we do?

Authors

Consider subscription prices when submitting to journals
Submit preprints to open access archives
Post preprints on website

Referees

Limit refereeing to low cost/page journals (with letter of explanation)

Editors

Request journals to lower subscriptions to inflation-adjusted 1990 prices
Resign en masse, taking journal to non-profit publisher (Knuth, LaTeX)

Libraries

Publicize cost/page of journals
Set cost/page cutoff for subscriptions

Google “Crisis in scientific publication” or similar