

A reclassification of multidisciplinary
publications in the ISI database

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Vetenskapsrådet

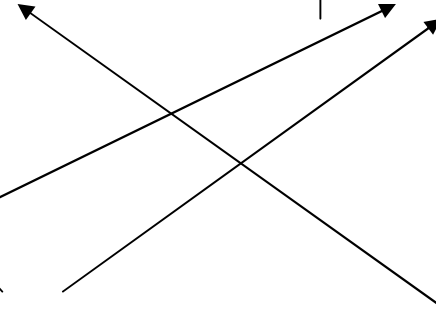
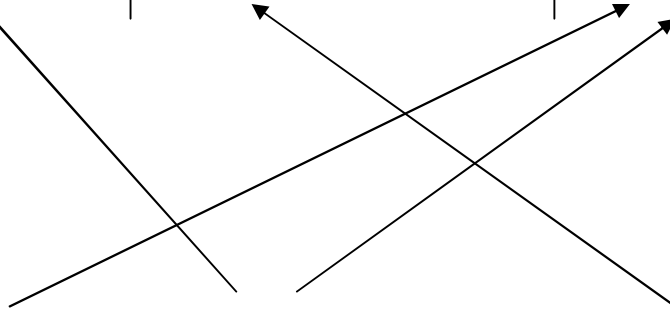
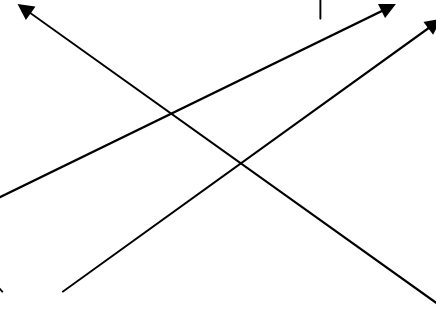
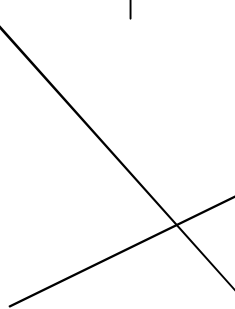
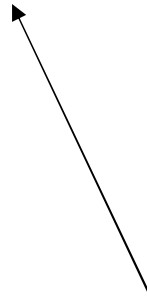


Medicine,
General &
Internal

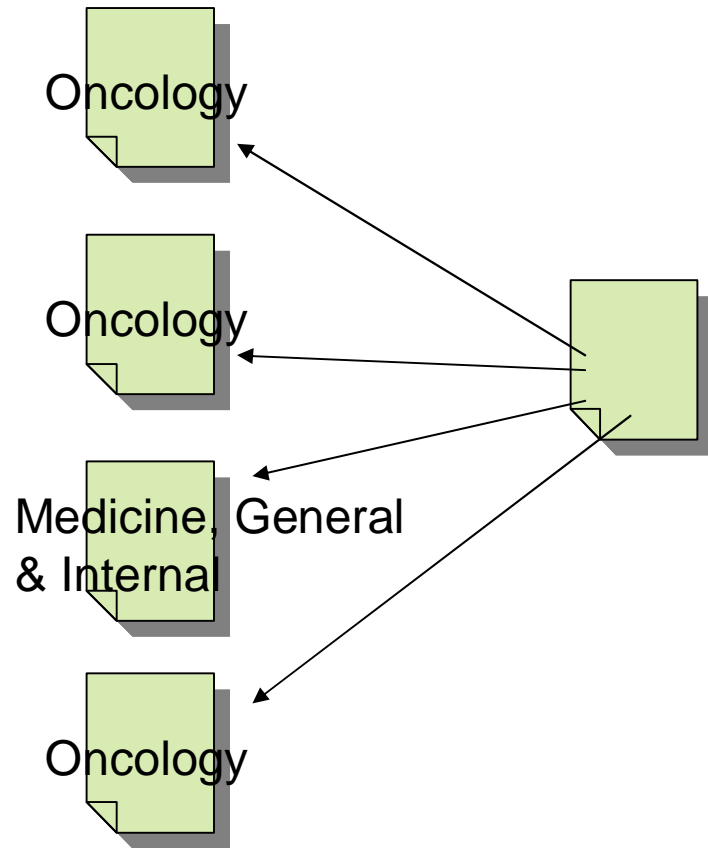
History

Plant Sciences

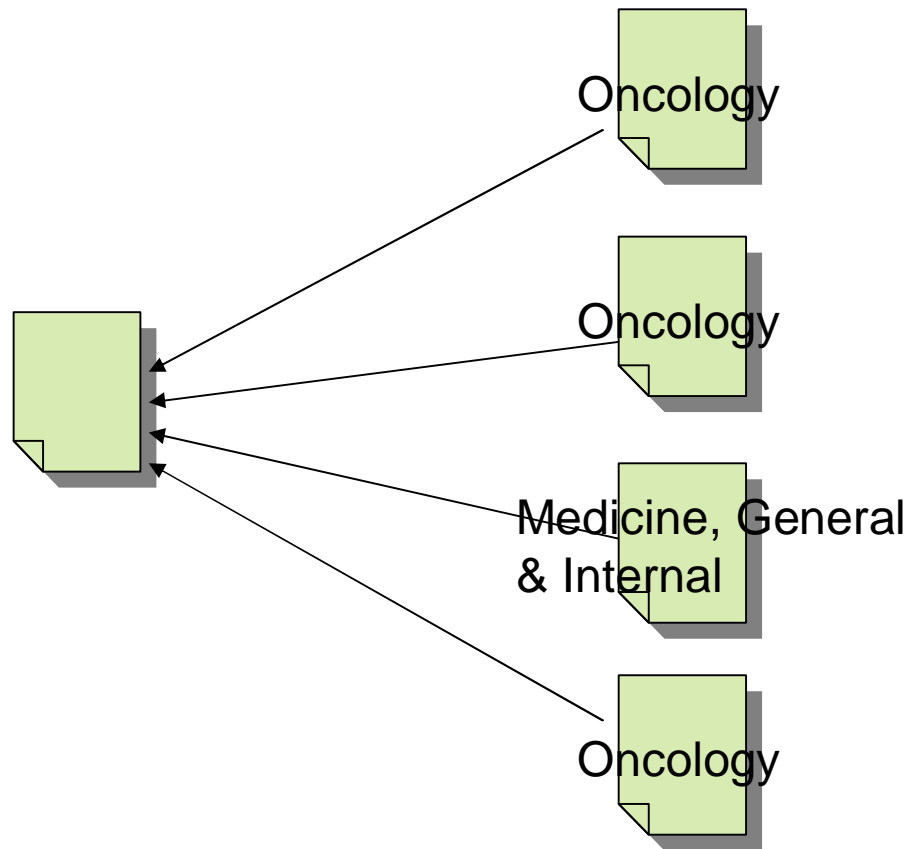
Multidisciplinary
Sciences



Reference-based classification...



... and citation-based classification



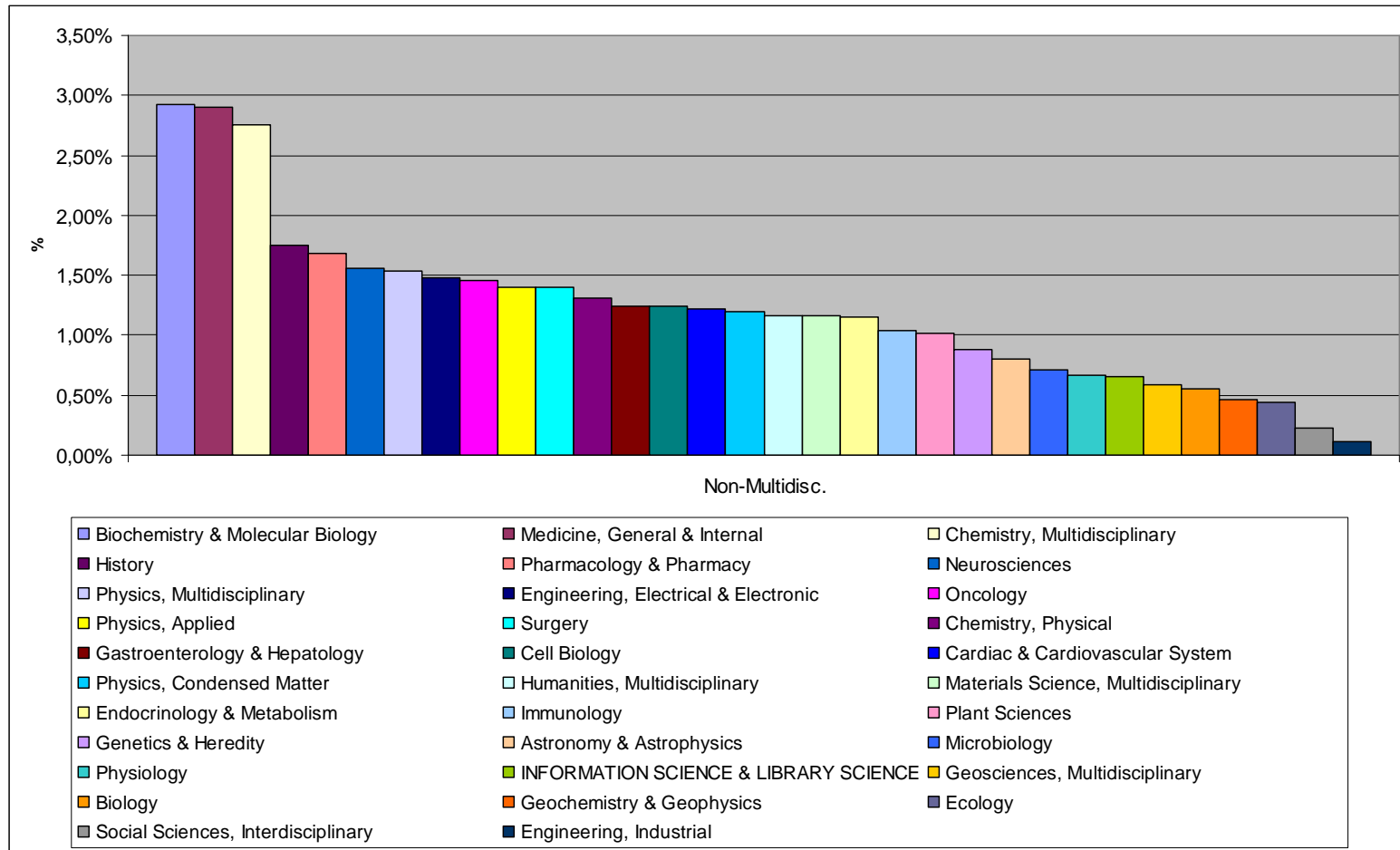
Some results

	<i>All document types</i>		<i>Articles & reviews</i>	
	<i>Abs.</i>	<i>Rel.</i>	<i>Abs.</i>	<i>Rel.</i>
Num. of MD papers initially:	523 901	100%	364 871	100%
Num. of MD papers after a reference-based classification:	320 491	61%	175 268	48%
Num. of MD papers after a citation-based classification:	330 086	63%	190 200	52%
Num. of MD papers after a combined classification	261 139	50%	130 231	36%
Avg. num. of citations for MD papers, initially:	13.59	-	18.77	-
Avg. num. of citations for the MD papers that remains after a combined classification:	0.39	-	0.52	-

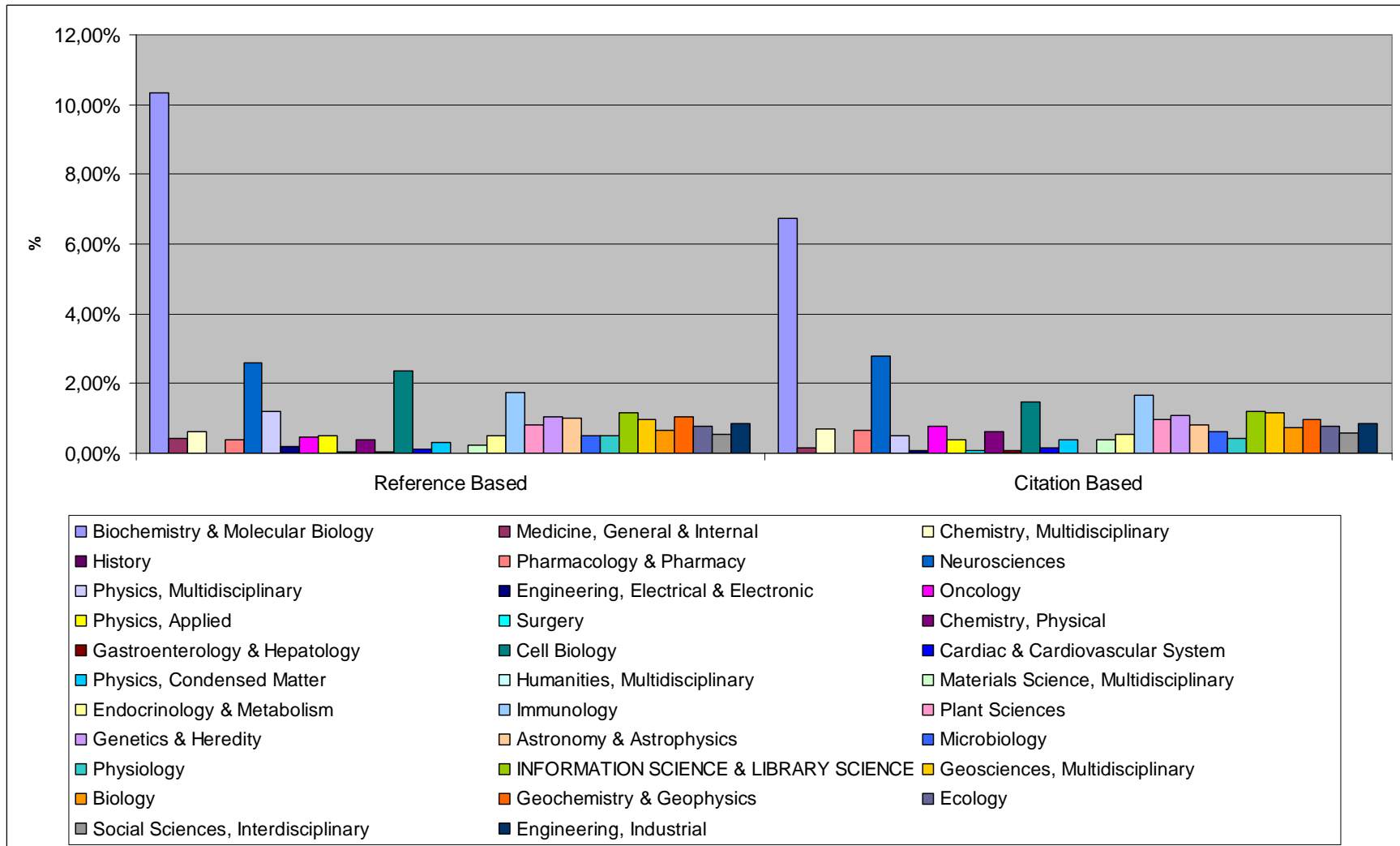
Some preconditions

	<i>All document types</i>		<i>Articles & reviews</i>	
	<i>Abs.</i>	<i>Rel.</i>	<i>Abs.</i>	<i>Rel.</i>
Num. of MD papers:	523 901	100%	364 871	100%
Num. of MD papers without references:	150 737	29%	59 752	16%
Num. of MD papers without citations:	257 712	49%	136 079	37%
Num. of MD papers with fewer than 3 references/citations:	204 910	39%	78 219	21%

The largest non-multidisciplinary subjects



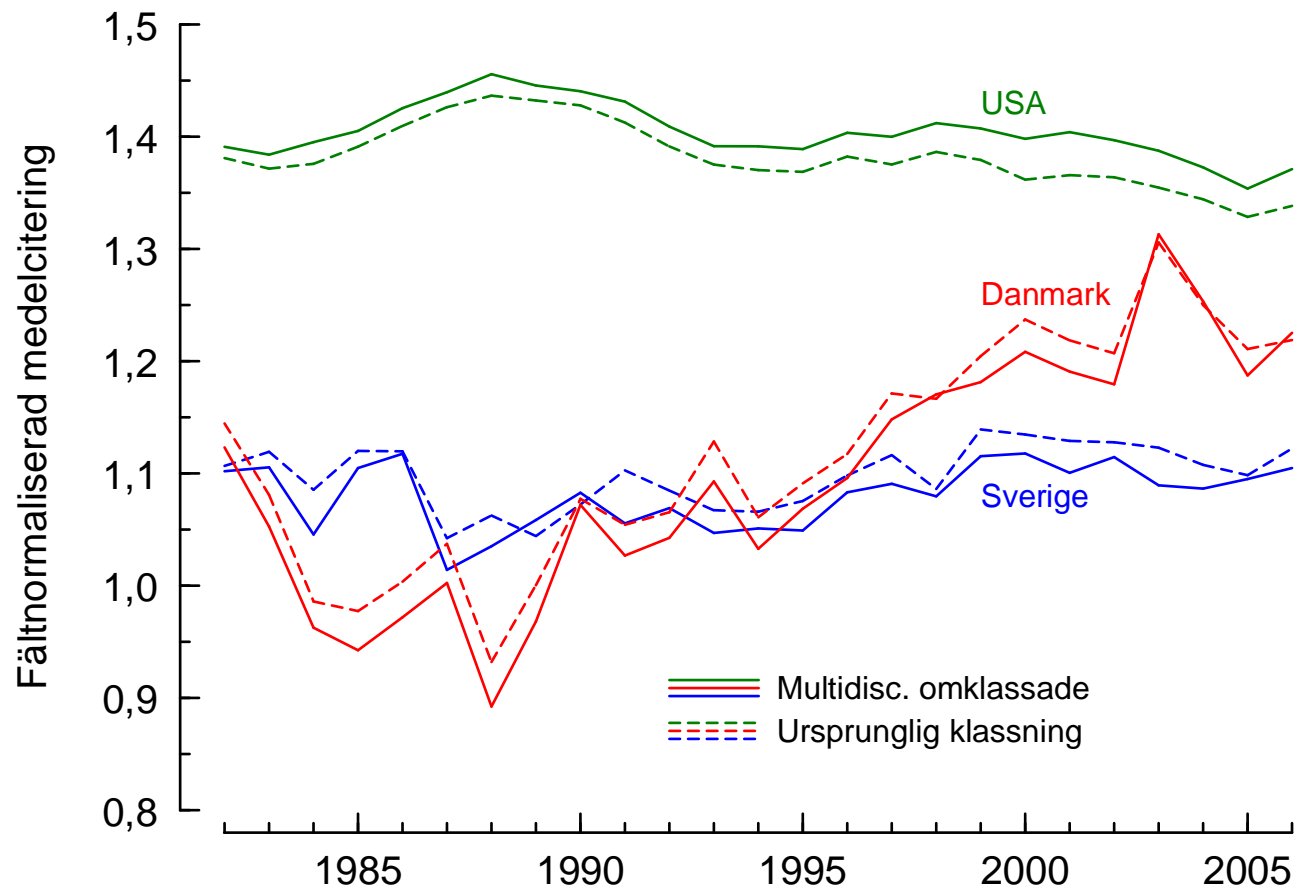
The largest reclassified subjects



Effects

- Generally, small differences: 85% of the subjects changed less than 0.1 unit on the Field Citation Score.
- "Biochemistry & Molecular Biology" and "Cell Biology" increased their volume by 12% and their FCS with ca 2.

Effects, cont.



Effects, cont.

Article & reviews, Multidisciplinary Sciences, 1982-2007

Country	N	FNC
Denmark	986	1.16
Sweden	2 402	1.44
USA	122 572	1.74

More effects

