

APPENDIX A

**Comparison of the Methodologies
for the Main International
Rankings**

<i>Criteria</i>	<i>Webometrics</i>		<i>ARWU (Shanghai)</i>		<i>THES (Times)</i>	
Universities analyzed	13000		2000		500+	
Universities ranked	4000		500		200	
Quality of education			Alumni Nobel and Fields Medal	10%	Student/staff ratio	20%
Internationalization					International students	5%
					International staff	5%
Size	Web size (2x)	25%	Size of institution	10%		
Research output	Rich Files (1x)	12.5%	<i>Nature & Science</i>	20%		
	Google Scholar (1X)	12.5%	SCI & SSCI	20%		
Prestige			Staff Nobel and Fields Medal	20%	Academic peer review	40%
	Link visibility (4x)	50%			Reputation: employers	10%
Impact			Highly cited researchers	20%	Citations	20%

Sources: Webometrics 2008; SJTU 2008; QS-Top Universities 2008.

Note: ARWU = Academic Ranking of World Universities.