

2019 Jiang's Ranking of Australian Business Schools

Dr. Zhou Jiang

dr.zhou.jiang@gmail.com

1. Introduction

This document is to

- (1) provide backgrounds for the 2019 Jiang's rankings
- (2) detail the methodology and data sources
- (3) present the ranking results
- (4) provide answers to frequently asked questions

2. Methodology

This ranking is to indicate Australian universities' overall performance in business-specific disciplines, including management, accounting, economics/econometrics, finance, and broader business/management areas. The overall ranking is produced based on four indicators: Subject Worldwide Reputation (SWR), Global Accreditation and Master of Business Administration (GA&MBA), Australian Research Council (ARC) assessment, and Research Publication Impact (PRI). Each of these four indicators equally contribute to the overall ranking.

1. Subject Worldwide Reputation (SWR).

This indicator is an integration of the four major world university rankings (by subject) published most recently (e.g., the 2019 Jiang's ranking referred to the following rankings published in 2018):

- (1) QS World University Rankings by Subject (Subfields: Business & Management Studies, Accounting & Finance, and Economics & Econometrics)
- (2) Times Higher Education (THE) World University Rankings by Subject (Business & Economics)
- (3) US News Best Global Universities for Economics and Business
- (4) Academic Ranking of World Universities (ARWU) by Subject (Subfields: Economics, Business Administration, Management, and Finance)

For all these rankings, Ranks 1-50 = 5 points, Ranks 51-100 = 4 points, Ranks 101-150 = 3 points, Ranks 151-200 = 2 points, Ranks 201-300 = 1 point, and Ranks beyond 300 = 0.5 point. Non-listed universities are assigned 0 point.

For a subject ranking (e.g., QS and ARWU) with more than one subfield, the score for this subject ranking is generated by averaging the points assigned to all its subfield rankings. For instance, in QS subject rankings, if the three subfields (Business & Management Studies, Accounting & Finance, and Economics & Econometrics) are assigned 5, 4, 3 points, respectively, the score for QS Subject Ranking equals to $(5+4+3)/3 = 4$ points.

The university (universities) with the highest raw score " $S_{SWR-raw-max}$ " (i.e., the average of the four scores corresponding to the four subject rankings) is (are) rescored to 100 and used as the benchmark. The final score for any other university then equals to $100 \times S_{SWR-raw}/S_{SWR-raw-max}$. where $S_{SWR-raw}$ represents the raw score for this particular university.

2. Global Accreditation and Master of Business Administration (GA&MBA).

GA&MBA integrates the global accreditation status of a university's business school and the national/international rankings of the university's MBA program. GA and MBA are equally weighted.

- (1) GA is assessed against business school accreditations from three global professional agencies:
 - a. European Foundation for Management Development (EFMD) for EQUIS accreditation (if not, for EPAS accreditation which is assessed to be equivalent to 30% of the full school accreditation – EQUIS)
 - b. Association to Advance Collegiate Schools of Business (AACSB)
 - c. Association of MBAs (AMBA)

One point is awarded to each accreditation and a maximum of 3 points are awarded to a university. For those universities without an EQUIS accreditation but with an EPAS accreditation, 0.3 point is awarded. By adding all points together, each university gets a raw score for GA (S_{GA-raw}). The university (universities) with the highest raw score " $S_{GA-raw-max}$ " (i.e., the average of the three scores corresponding to the three types of accreditations) is (are) rescored to 100 and used as the benchmark. The final score for any other university is $S_{GA} = 100 \times S_{GA-raw}/S_{GA-raw-max}$.

- (2) MBA is assessed against both national and international rankings. The national ranking contributes to 25% of the MBA score, while the three international rankings contribute to 75%.
 - a. National ranking specifically refers to
 - i. the latest BOSS MBA Rankings.
 - b. International Rankings include
 - i. Financial Times Global MBA Ranking 2019
 - ii. The Economist MBA Rankings 2018
 - iii. QS Global MBA Rankings 2019

For BOSS MBA Rankings, Ranks 1-3 = 5 points, Ranks 4-6 = 4 points, Ranks 7-9 = 3 points, Ranks 10-12 = 2 points, Ranks 13-15 = 1 point, and Ranks beyond 15 = 0.5 point. Non-listed universities are assigned 0 point. Each university has a raw score for BOSS (national) ranking of MBA (S_{n-MBA}).

For the three international rankings, Ranks 1-50 = 5 points, Ranks 51-100 = 4 points, Ranks 101-150 = 3 points, Ranks 151-200 = 2 points, Ranks 201-300 = 1 point, and Ranks beyond 300 = 0.5 point. Non-listed universities are assigned 0 point. By adding all points together, each university gets a raw score for international rankings of MBA ($S_{i-MBA-raw}$). The university (universities) with the highest raw score of international rankings of MBA " $S_{i-MBA-raw-max}$ " (i.e., the average of the three scores corresponding to the three

international rankings of MBA) is (are) rescored to 100 and used as the benchmark. The final score for any other university is $S_{i-MBA} = 100 \times S_{i-MBA-raw}/S_{i-MBA-raw-max}$.

The raw score for MBA rankings (S_{MBA}) = $0.25 \times S_{n-MBA} + 0.75 \times S_{i-MBA}$

The raw score for the entire indicator (i.e., GA&MBA) is calculated as: $S_{GA\&MBA-raw} = 0.5 \times S_{GA} + 0.5 \times S_{MBA}$. The university (universities) with the highest raw score of GA& MBA " $S_{GA\&MBA-raw-max}$ " (i.e., the average of the two scores for GA and MBA) is (are) rescored to 100 and used as the benchmark. The final score for any other university is $S_{GA\&MBA} = 100 \times S_{GA\&MBA-raw}/S_{GA\&MBA-raw-max}$.

3. Australia Research Council (ARC) Assessment

The ARC indicator is assessed against the following two criteria.

- (1) The latest ERA 5-point ranking conducted by Australian Research Council (ARC) every three years. The ERA outcomes for 2018 were released in late March 2019.

The rankings for the Field of Research (FoR) codes [14 \(Economics\)](#) and [15 \(Commerce et al.\)](#) are considered. The raw score for ERA ranking ($S_{ERA-ranking-raw}$) is the average of the points (ranging from 1 to 5) awarded to FoR codes 14 and 15. The university (universities) with the highest raw score of ERA ranking " $S_{ERA-ranking-raw-max}$ " is (are) rescored to 100 and used as the benchmark. The final score of ERA ranking for any other university is $S_{ERA-ranking} = 100 \times S_{ERA-ranking-raw}/S_{ERA-ranking-raw-max}$.

- (2) The *number* of ARC grants in the previous year (e.g., the number of successful grants announced by ARC in 2018 counts towards the 2019 ranking)

For number of ARC grants in the Field of Research (FoR) codes 14 (Economics) and 15 (Commerce et al.) are considered. All types of grants in ARC Discovery and Linkage schemes are counted. The raw score for ARC grants equals to the number of grants ($S_{GrantNo-raw}$). The university (universities) with the largest number of successful grants ($S_{GrantNo-raw-max}$) is (are) rescored to 100 and used as the benchmark. The final score of ARC grants for any other university is $S_{GrantNo} = 100 \times S_{GrantNo-raw}/S_{GrantNo-raw-max}$.

The raw score for ERA is: $S_{ERA-raw} = 0.5 \times S_{ERA-ranking} + 0.5 \times S_{GrantNo}$. The university (universities) with the highest raw score of ERA " $S_{ERA-raw-max}$ " (i.e., the average of the two scores for ERA ranking and the number of ARC grants) is (are) rescored to 100 and used as the benchmark. The final score for any other university equals to $S_{ERA} = 100 \times S_{ERA-raw}/S_{ERA-raw-max}$.

4. **Research Publication Impact (RPI)**. RPI is calculated based on research publication data in Scopus (SciVal), taking into account the "Business, Management and Accounting" and "Economics, Econometrics and Finance" categories. The following criteria are consolidated for RPI:

- (1) Total Number of Scholarly Outputs in the previous three years (weighting = 10%; 1 point for $n \geq 100$ and $n/100$ point for $n < 100$).
- (2) Field-Weighted Views Impact (Weighting = 10%)
- (3) Field-Weighted Citation Impact (Weighting = 20%)
- (4) Citations per Publication (Weighting = 20%)

- (5) Publications in Top 25 Journal Percentiles (%) (Weighting = 20%)
- (6) Field-Weighted Mass Media (online) (Weighting = 10%)
- (7) Field-Weighted Mass Media (print) (Weighting = 10%)

The overall RPI score is an average of the two RPI scores calculated for the two subject categories, respectively. Only articles and reviews are counted for Criteria 1-5. Self-citations are excluded for Criteria 3-5.

3. Jiang's Ranking 2019

3.1 Jiang's Ranking of Australian Business Schools (2019)

2019 Ranking	Institution	SWR	GA&MBA	ARC	RPI	Overall
1	University of Melbourne	100.00	100.00	78.57	95.33	100.00
2	University of Queensland	82.70	78.14	87.86	89.80	90.53
3	UNSW Sydney	93.67	63.56	100.00	77.14	89.43
4	Monash University	94.94	60.73	80.71	89.41	87.13
5	University of Sydney	81.01	48.99	68.57	100.00	79.85
6	Australian National University	86.08	10.93	54.29	98.64	66.84
7	Queensland University of Technology	59.92	60.73	30.00	81.29	62.03
8	University of Technology Sydney	65.40	15.38	40.00	97.65	58.42
9	Deakin University	45.78	38.22	40.00	87.49	56.56
10	Macquarie University	23.63	40.89	51.43	87.67	54.46
11	University of Adelaide	28.90	29.96	42.14	88.69	50.73
12	University of South Australia	49.37	26.32	30.00	82.71	50.39
13	University of Western Australia	46.41	41.70	30.00	68.30	49.86
14	Griffith University	38.40	29.96	25.00	83.74	47.36
15	Curtin University of Technology	32.07	30.93	30.00	81.84	46.76
16	RMIT University	39.24	11.90	30.00	78.67	42.74
17	University of Newcastle	18.99	15.38	25.00	90.52	40.09
18	University of Wollongong	21.10	7.29	25.00	89.92	38.33
19	La Trobe University	14.77	15.55	30.00	71.03	35.13
20	Flinders University	0.63	15.38	20.00	87.25	32.97
21	University of Tasmania	6.54	0.00	25.00	86.94	31.69
22	Bond University	2.53	41.70	10.00	59.24	30.35
23	James Cook University	5.06	0.00	20.00	86.49	29.83
24	Swinburne University of Technology	3.16	0.00	30.00	77.89	29.70
25	University of Canberra	5.06	0.00	20.00	83.43	29.02
26	Australian Catholic University	0.00	4.62	10.00	90.09	28.00
27	Central Queensland University	2.53	10.93	20.00	70.58	27.83
28	Western Sydney University	4.43	0.00	20.00	77.70	27.31
29	University of Southern Queensland	2.53	3.64	20.00	74.53	26.93
30	University of Sunshine Coast	0.00	0.00	10.00	88.65	26.39
31	Charles Sturt University	0.00	0.00	20.00	69.14	23.84
32	Victoria University	3.38	7.29	20.00	58.31	23.80
33	Southern Cross University	2.53	0.00	10.00	72.38	22.71
34	Murdoch University	2.53	0.00	10.00	71.78	22.55
35	Edith Cowan University	2.53	0.00	20.00	51.51	19.80
36	University of New England	0.00	0.00	15.00	57.59	19.41
37	University of Notre Dame Australia	0.00	0.00	5.00	63.84	18.41
38	Charles Darwin University	0.00	0.00	5.00	62.88	18.16
39	Federation University Australia	0.00	0.00	10.00	43.26	14.24
40	Torrens University Australia	0.00	0.00	0.00	50.93	13.62

3.2 Jiang's Ranking by Subject World Reputation (SWR) (2019)

2019 Ranking	Institution	SWR
1	University of Melbourne	100.00
2	Monash University	94.94
3	University of New South Wales	93.67
4	Australian National University	86.08
5	University of Queensland	82.70
6	University of Sydney	81.01
7	University of Technology Sydney	65.40
8	Queensland University of Technology	59.92
9	University of South Australia	49.37
10	University of Western Australia	46.41
11	Deakin University	45.78
12	RMIT University	39.24
13	Griffith University	38.40
14	Curtin University of Technology	32.07
15	University of Adelaide	28.90
16	Macquarie University	23.63
17	University of Wollongong	21.10
18	University of Newcastle	18.99
19	La Trobe University	14.77
20	University of Tasmania	6.54
21	James Cook University	5.06
21	University of Canberra	5.06
23	Western Sydney University	4.43
24	Victoria University	3.38
25	Swinburne University of Technology	3.16
26	Bond University	2.53
26	Central Queensland University	2.53
26	Edith Cowan University	2.53
26	Murdoch University	2.53
26	Southern Cross University	2.53
26	University of Southern Queensland	2.53
32	Flinders University	0.63
33	Australian Catholic University	0.00
33	Charles Darwin University	0.00
33	Charles Sturt University	0.00
33	Federation University Australia	0.00
33	Torrens University Australia	0.00
33	University of New England	0.00
33	University of Notre Dame Australia	0.00
33	University of Sunshine Coast	0.00

3.3 Jiang's Ranking by Business School Accreditation (BSA) & MBA (2019)

2019 Ranking	Institution	GA&MBA
1	University of Melbourne	100.00
2	University of Queensland	78.14
3	University of New South Wales	63.56
4	Monash University	60.73
4	Queensland University of Technology	60.73
6	University of Sydney	48.99
7	Bond University	41.70
7	University of Western Australia	41.70
9	Macquarie University	40.89
10	Deakin University	38.22
11	Curtin University of Technology	30.93
12	Griffith University	29.96
12	University of Adelaide	29.96
14	University of South Australia	26.32
15	La Trobe University	15.55
16	Flinders University	15.38
16	University of Newcastle	15.38
16	University of Technology Sydney	15.38
19	RMIT University	11.90
20	Australian National University	10.93
20	Central Queensland University	10.93
22	University of Wollongong	7.29
22	Victoria University	7.29
24	Australian Catholic University	4.62
25	University of Southern Queensland	3.64
26	Charles Darwin University	0.00
26	Charles Sturt University	0.00
26	Edith Cowan University	0.00
26	Federation University Australia	0.00
26	James Cook University	0.00
26	Murdoch University	0.00
26	Southern Cross University	0.00
26	Swinburne University of Technology	0.00
26	Torrens University Australia	0.00
26	University of Canberra	0.00
26	University of New England	0.00
26	University of Notre Dame Australia	0.00
26	University of Sunshine Coast	0.00
26	University of Tasmania	0.00
26	Western Sydney University	0.00

3.4 Jiang's Ranking by Australia Research Council (ARC) Assessment (2019)

2019 Ranking	Institution	ERA
1	UNSW Sydney	100.00
2	University of Queensland	87.86
3	Monash University	80.71
4	University of Melbourne	78.57
5	University of Sydney	68.57
6	Australian National University	54.29
7	Macquarie University	51.43
8	University of Adelaide	42.14
9	Deakin University	40.00
9	University of Technology Sydney	40.00
11	Curtin University of Technology	30.00
11	La Trobe University	30.00
11	Queensland University of Technology	30.00
11	RMIT University	30.00
11	Swinburne University of Technology	30.00
11	University of South Australia	30.00
11	University of Western Australia	30.00
18	Griffith University	25.00
18	University of Newcastle	25.00
18	University of Tasmania	25.00
18	University of Wollongong	25.00
22	Central Queensland University	20.00
22	Charles Sturt University	20.00
22	Edith Cowan University	20.00
22	Flinders University	20.00
22	James Cook University	20.00
22	University of Canberra	20.00
22	University of Southern Queensland	20.00
22	Victoria University	20.00
22	Western Sydney University	20.00
31	University of New England	15.00
32	Australian Catholic University	10.00
32	Bond University	10.00
32	Federation University Australia	10.00
32	Murdoch University	10.00
32	Southern Cross University	10.00
32	University of Sunshine Coast	10.00
38	University of Notre Dame Australia	5.00
38	Charles Darwin University	5.00
40	Torrens University Australia	0.00

3.5 Jiang's Ranking by Research Publication Impact (RPI) (2019)

2019 Ranking	Institution	RPI
1	University of Sydney	100.00
2	Australian National University	98.64
3	University of Technology Sydney	97.65
4	University of Melbourne	95.33
5	University of Newcastle	90.52
6	Australian Catholic University	90.09
7	University of Wollongong	89.92
8	University of Queensland	89.80
9	Monash University	89.41
10	University of Adelaide	88.69
11	University of Sunshine Coast	88.65
12	Macquarie University	87.67
13	Deakin University	87.49
14	Flinders University	87.25
15	University of Tasmania	86.94
16	James Cook University	86.49
17	Griffith University	83.74
18	University of Canberra	83.43
19	University of South Australia	82.71
20	Curtin University of Technology	81.84
21	Queensland University of Technology	81.29
22	RMIT University	78.67
23	Swinburne University of Technology	77.89
24	Western Sydney University	77.70
25	UNSW Sydney	77.14
26	University of Southern Queensland	74.53
27	Southern Cross University	72.38
28	Murdoch University	71.78
29	La Trobe University	71.03
30	Central Queensland University	70.58
31	Charles Sturt University	69.14
32	University of Western Australia	68.30
33	University of Notre Dame Australia	63.84
34	Charles Darwin University	62.88
35	Bond University	59.24
36	Victoria University	58.31
37	University of New England	57.59
38	Edith Cowan University	51.51
39	Torrens University Australia	50.93
40	Federation University Australia	43.26