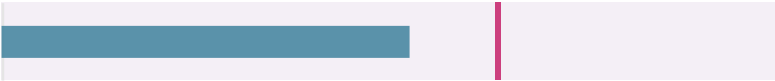


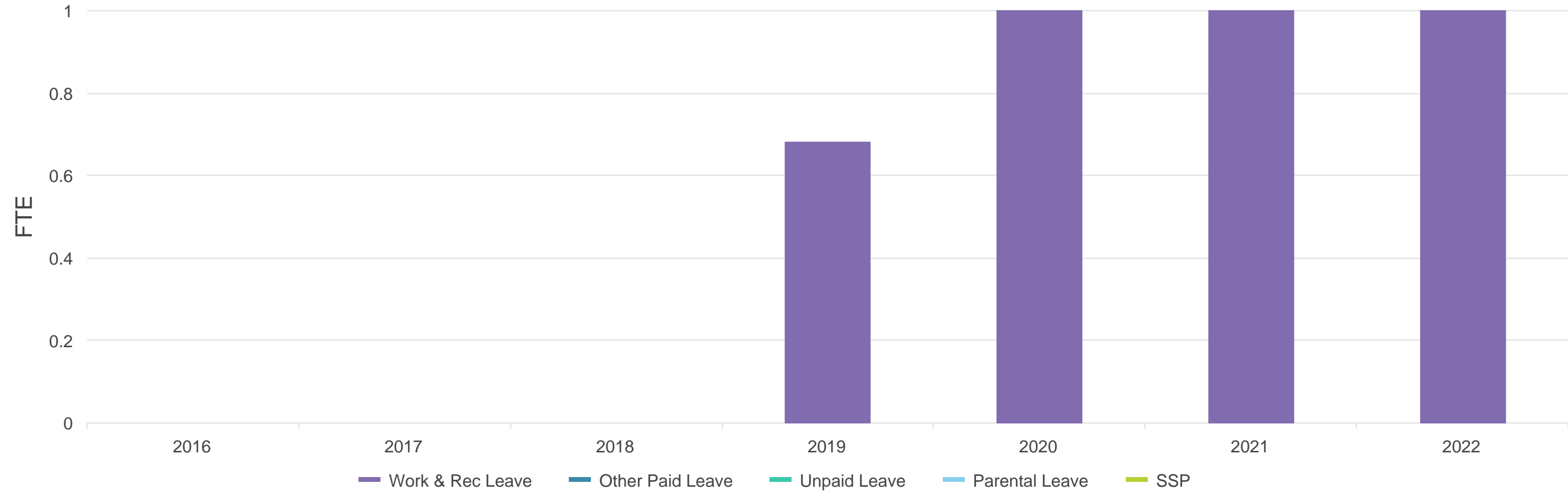


Relative Opportunity (2016-2022):



Personal: 52.58% **Cohort: 64.55%**

Full Time Equivalent (FTE) Employment over Time

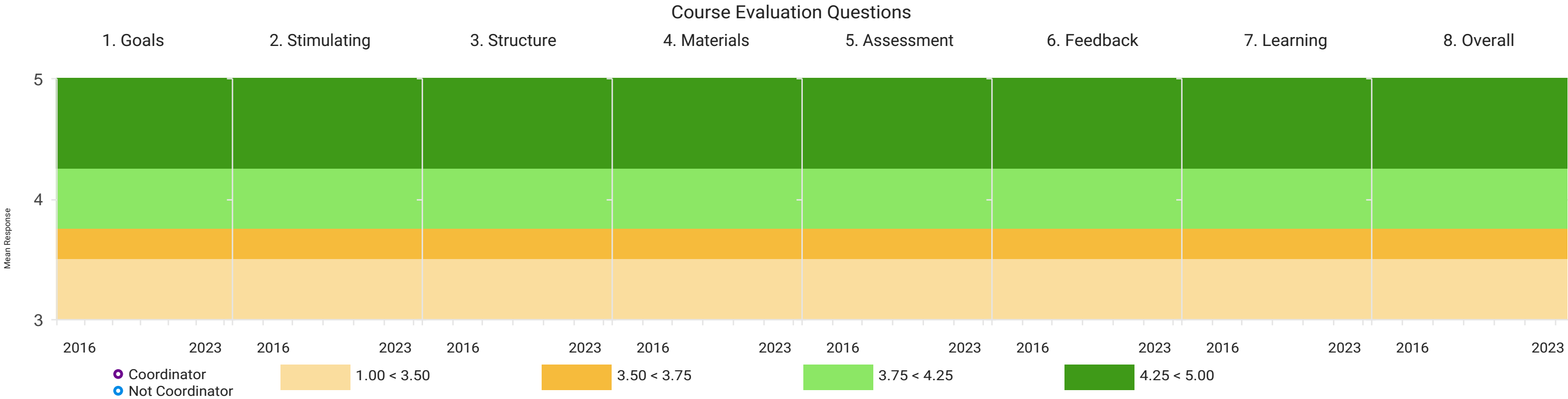
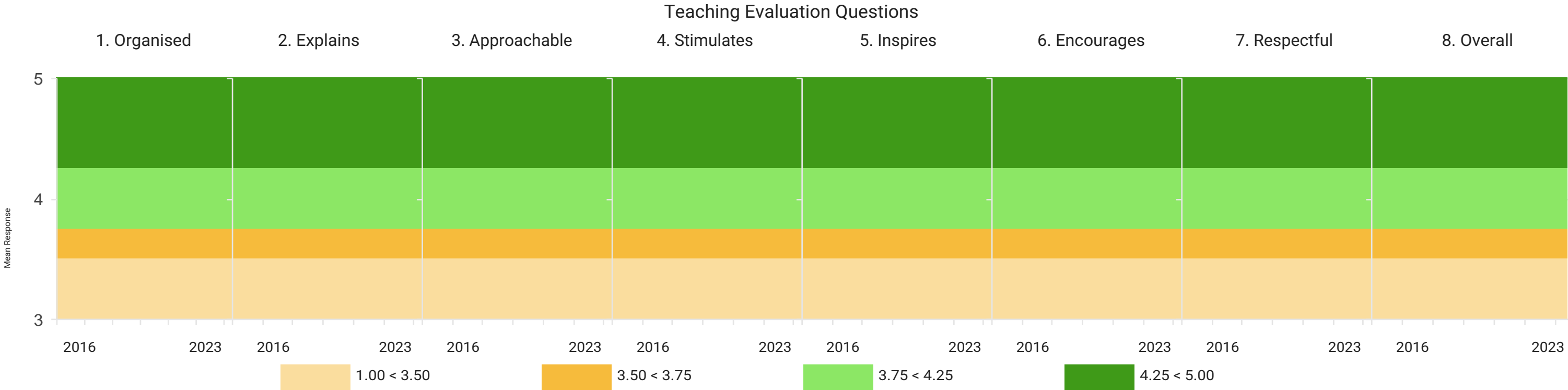


Employment History (Academic continuing & fixed-term positions) - all years

Start Date	Position	Classification	Occupancy	Unit	Appointed FTE	Appointment Type	Length
01/01/2023	Senior Research Fellow in Cosmology	Level C	Substantive	Physics	1.00	Promotion (Academic)	Current
29/04/2019	Research Fellow in Cosmology	Level B	Substantive	Physics	1.00	Fixed-Term	3.8 Yrs

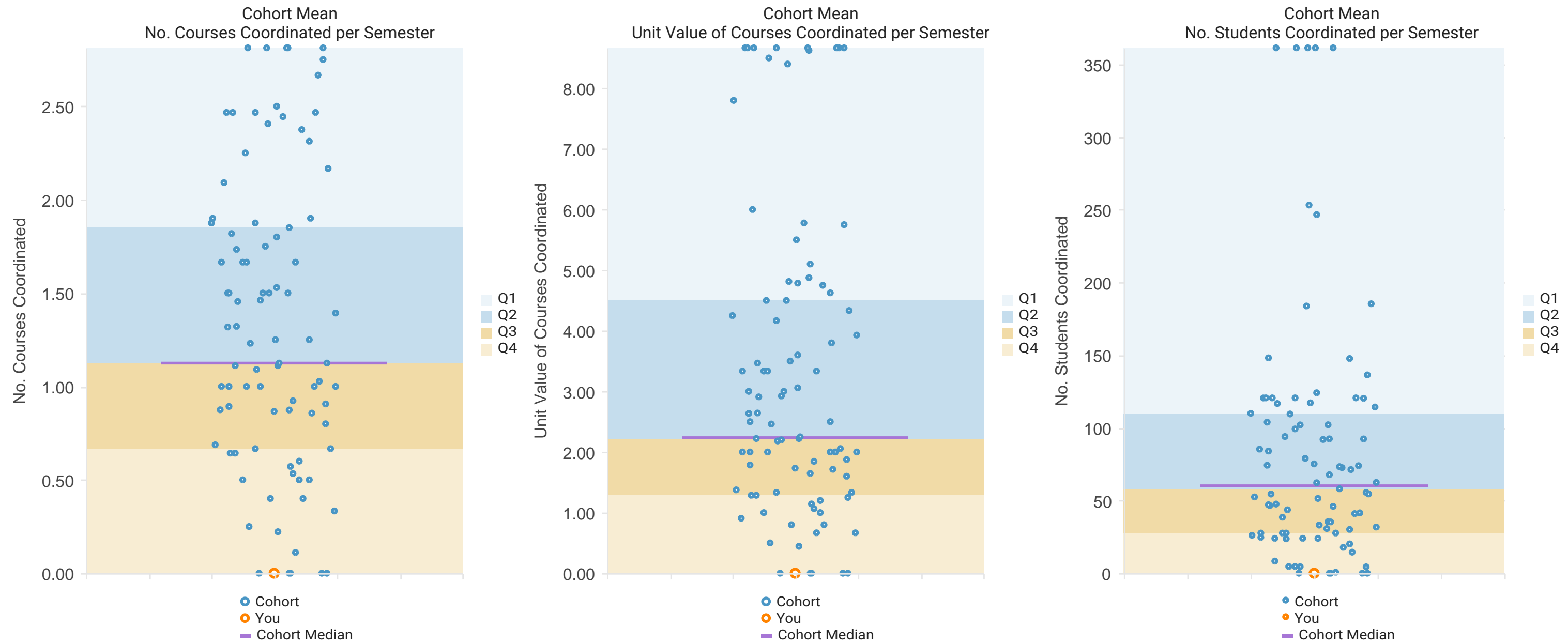


SECaT Metrics (2016 - 2023, Semester 1)





Semester Course Coordination - Years (2016 - 2023, Semester 1)



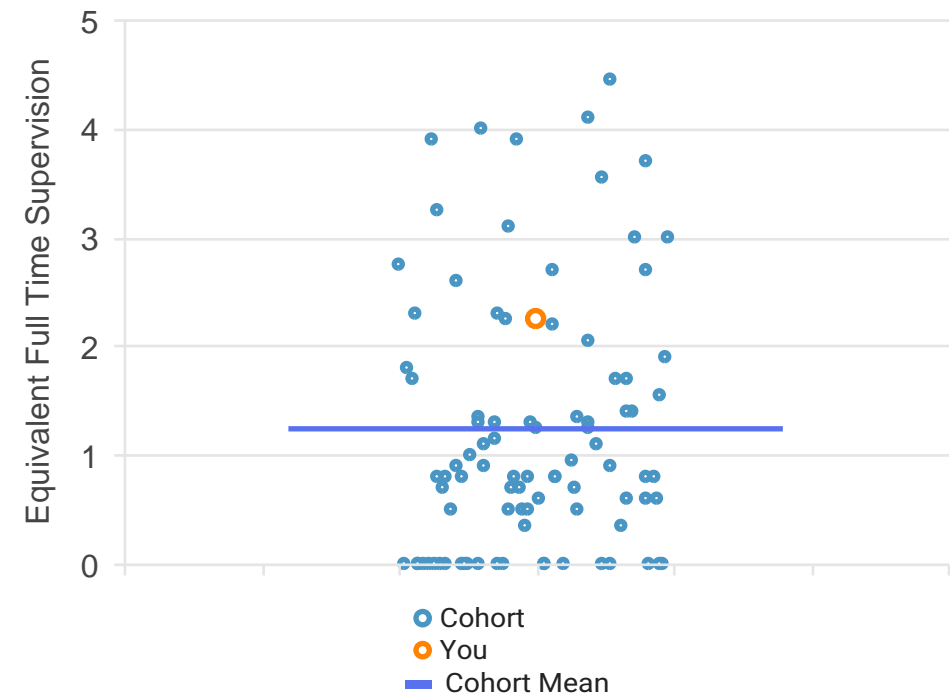
Year	Term	Course Description	Contact Hours	Units	Notes
2023	2	PHYS3900	13	2	Supervisor for Alexander Jorgensen's Capstone project. Includes 13 x 1h weekly meetings. Not included are time spent providing feedback and marking of 3 assessment items, and prepaton of material for Alex's project.
2023	2	COSC3500	14	2	Pre-recorded new 2 x 2hr tutorials. In person lecturer for 5 x 2hr classroom seesions. Doesn't include time spent preparing material or marking.
2022	2	PHYS4080	8	2	Created and lectured 2x1h lectures and 3x2h Workshops. Created 1 of 2 marked in-class tests, 1 of 4 marked projects and one exam question for each of the primary and supplementary exams.
2021	1	PHYS3080	1	2	Created and gave 1x1h guest lecture
2021	2	PHYS4080	6	2	Gave 1x1h lecture, ran 2x2h and 1x1h Workshops
2021	2	PHYS3900	13	2	Supervisor for Aidan Simons's Capstone project. Includes 13 x 1h weekly meetings. Not included are time spent providing feedback and marking of 3 assessment items, and prepaton of material for Aidan's project.
2020	2	PHYS4080	7	2	Gave 1x1h lecture, ran 3x2h Workshops
2019	2	PHYS4080	9	2	Created and lectured 3x1h lectures. Created and ran 3x2h Workshops. Created 1 of 4 marked problem sets and 1 of 4 marked projects
2019	2	PHYS3900	13	2	Supervisor for James Taylor's Capstone project. Includes 13 x 1h weekly meetings. Not included are time spent providing feedback and marking of 3 assessment items, and prepaton of material for James's project.

Program Level	Name	Attendance	Supervisor Role	Supervision (%)	Enrolment	Submitted	Awarded
Honours	Madeline Cross-Parkin	Full-Time	Associate	45	2023 Jan	2023 Nov	
Masters of Data Science	Pragatheeswari Velraj	Full-Time	Principal	100	2021 Jan	2021 Nov	2021 Dec
Honours	Liana Rauf	Full-Time	Principal	95	2019 Aug	2020 Jul	2020 Jul
Honours	Yan Lai	Full-Time	Principal	80	2020 Jan	2020 Nov	2020 Dec
Honours	Matthew Craigie	Full-Time	Associate	20	2020 Jan	2020 Nov	2020 Dec
Honours	Abbe Whitford	Full-Time	Principal	70	2020 Jul	2021 Jul	2021 Jul
Honours	Anna Liang	Full-Time	Joint Principal	50	2020 Jul	2021 Jul	2021 Jul

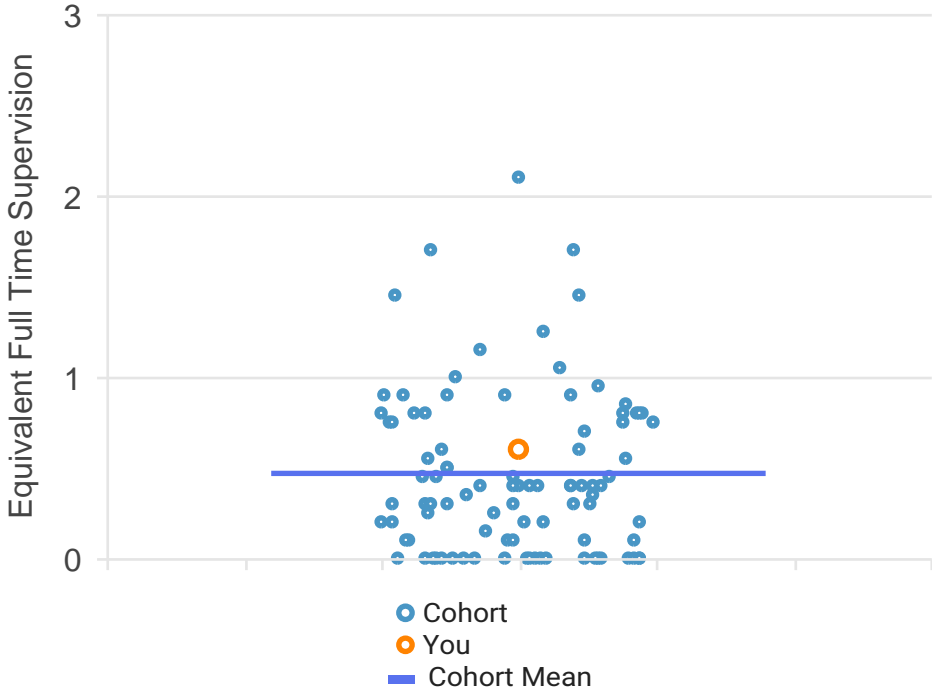


HDR Supervisory Data (2016 to 2022)

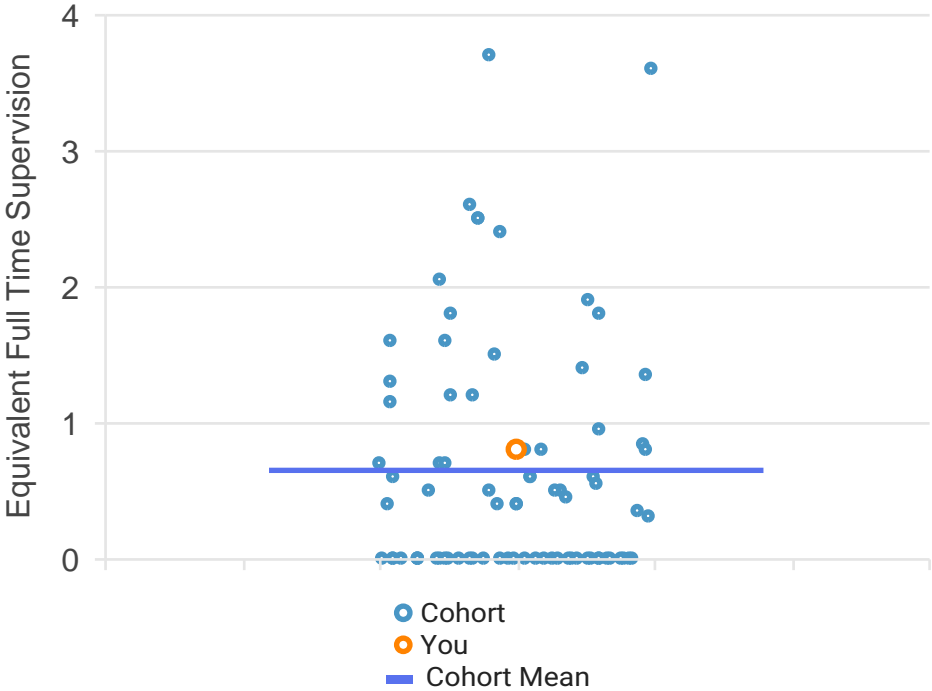
Cohort
Current Principal Supervision



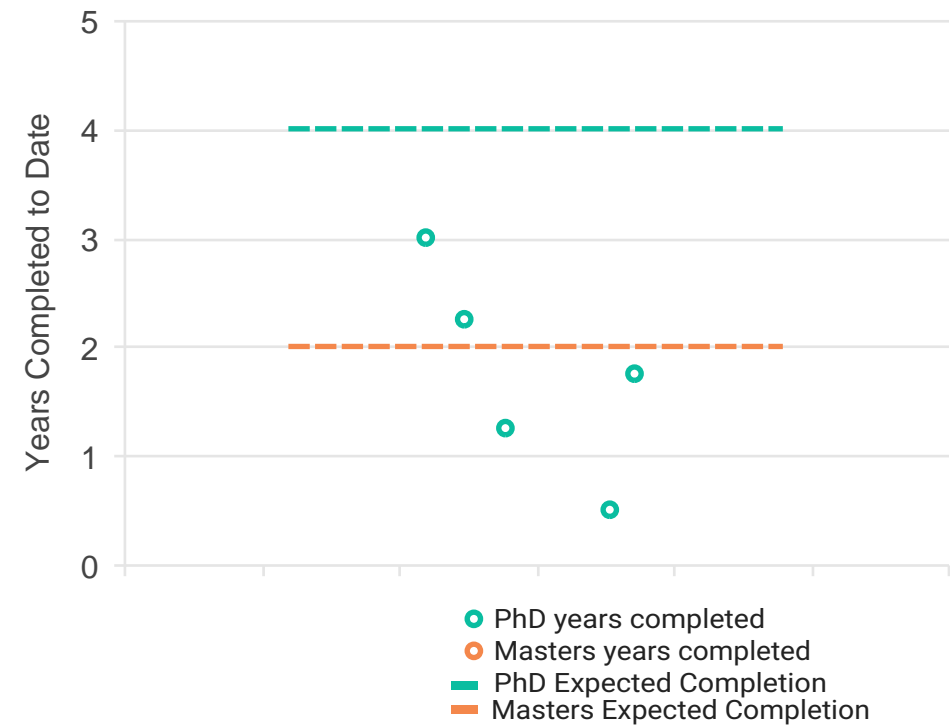
Cohort
Current Associate Supervision



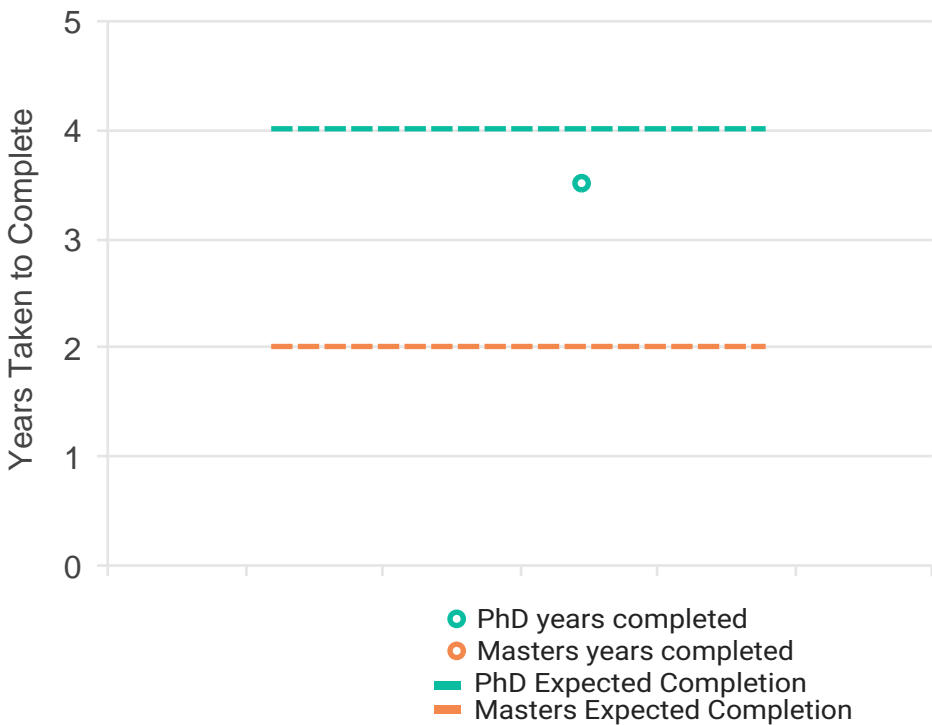
Cohort
Completions Principal Supervision



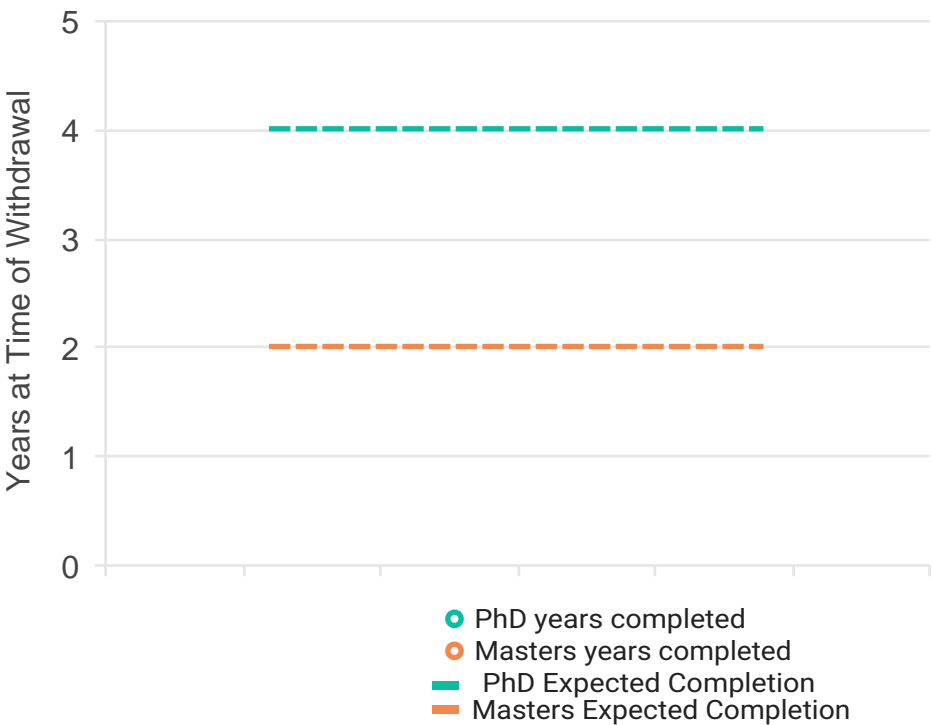
Your Current Supervision
(Prnc. & Assc.)



Your Completions
(Prnc. & Assc.)



Your Withdrawals
(Prnc. & Assc.)



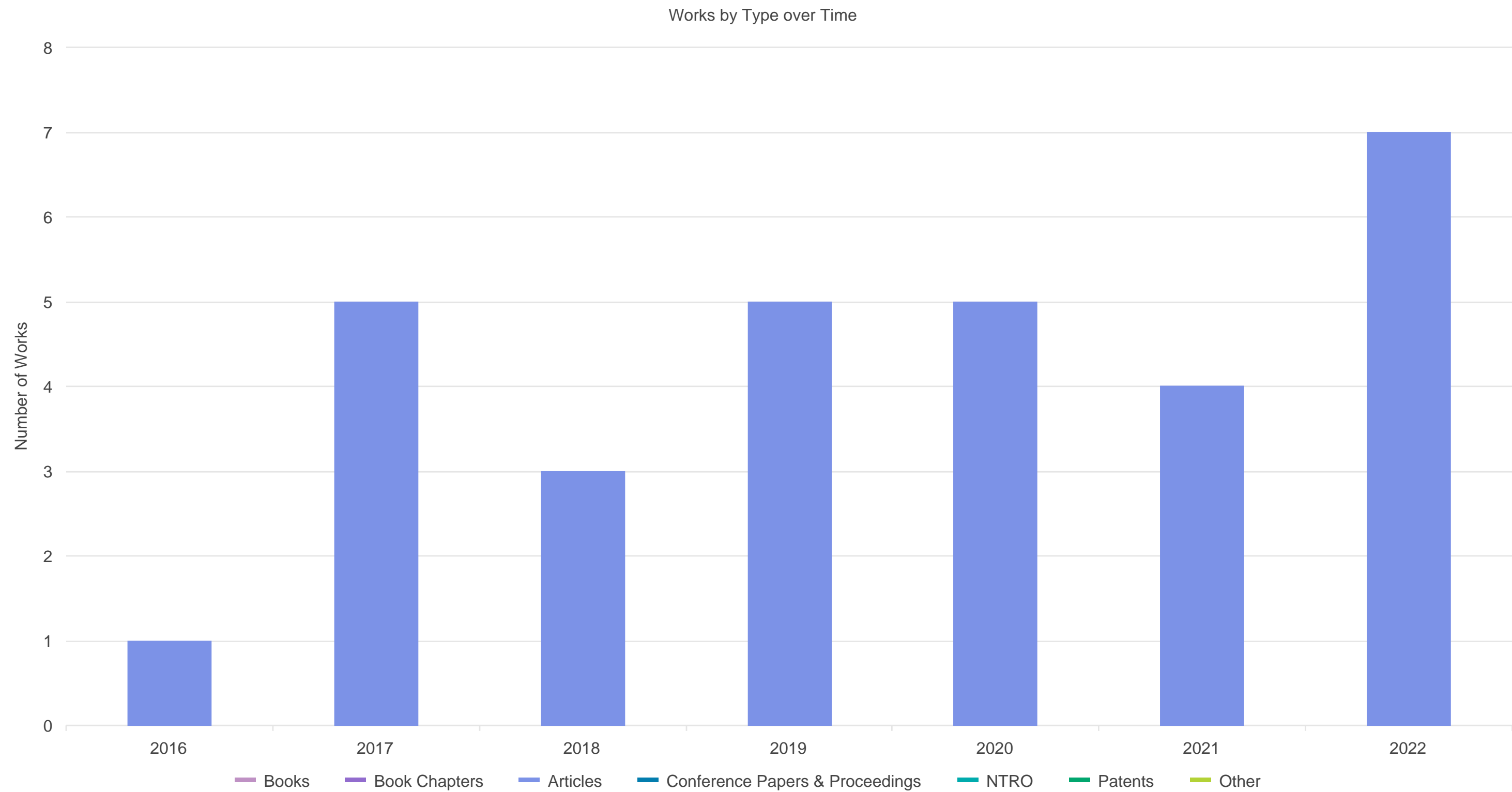
Program Level	Name	Attendance	Confirmed	Mid-candidature	Thesis Review	International	Supervisor Role	Years Completed	Supervision (%)
Doctorate by research	Miss Liana Dian Rauf	FullTime	●	●			PRNC	3.00	75
Doctorate by research	Mr Yan Xiang Lai	FullTime	●	●			PRNC	2.25	80
Doctorate by research	Mr Ryan Camilleri	FullTime	●				ASSC	1.25	10
Doctorate by research	Miss Caitlin Elsie Ross	FullTime					PRNC	0.50	70
Doctorate by research	Miss Abbe May Whitford	FullTime	●				ASSC	1.75	50

Year of Completion	Program Level	Name	International	Supervisor Role	Years	Supervision (%)
2023	Doctorate by research	Dr Aaron Jason Glanville		PRNC	3.50	80

Title	Name	Program Level	Attendance	Supervision Type	% Contribution	Institution	Status	Enrolment Date	Completion Date	Country
	Fei Qin	PhD	Full Time	Joint Primary Supervisor	45	University of Western Australia	Completed	01-11-2015	01-11-2019	Australia



Scholarly Works (2016 to 2022)



Year	Journal	Title	Author	Cites	CNCI	JNCI	JIF	Content
2023	Monthly Notices of the Royal Astronomical Society	Whitford, A., Howlett, C. and Davis, T. (2023) Evaluating bulk flow estimators for CosmicFlows-4 measurements. Monthly Notices of the Royal Astronomical Society.	2/3				Q1	
2023	Astrophysical Journal	Tully, R., Howlett, C. and Pomarède, D. (2023) Ho’oleilana: An Individual Baryon Acoustic Oscillation?. Astrophysical Journal, 954(2)	2/3				Q1	
2023	The Open Journal of Astrophysics	Giani, L.*, Howlett, C. and Davis, T. (2023) Can Einstein (rings) surf Gravitational Waves?. The Open Journal of Astrophysics, 6.	2/3					
2023	Monthly Notices of the Royal Astronomical Society	Saulder, C., Howlett, C.*, Douglass, K., Said, K.*, BenZvi, S., Ahlen, S., et al. (2023) Target selection for the DESI peculiar velocity survey. Monthly Notices of the Royal Astronomical Society, 525(1): 1106-1125.	2/38				Q1	
2023	Monthly Notices of the Royal Astronomical Society	Rauf, L.*, Howlett, C.*, Davis, T.* and Lagos, C. (2023) Exploring binary black hole mergers and host galaxies with Shark and COMPAS. Monthly Notices of the Royal Astronomical Society, 523(4): 5719-5737.	2/4				Q1	
2023	Journal of Cosmology and Astroparticle Physics	Giani, L.*, Howlett, C., Ruggeri, R., Bianchini, F., Said, K. and M. Davis, T. (2023) Cross-correlating radial peculiar velocities and CMB lensing convergence. Journal of Cosmology and Astroparticle Physics, 2023(05)	2/6				Q1	
2023	Monthly Notices of the Royal Astronomical Society	Courtois, H., Said, K.*, Mould, J., Jarrett, T., Pomarède, D., Westmeier, T., et al. (2023) WALLABY pre-pilot and pilot survey: the Tully Fisher relation in Eridanus, Hydra, Norma and NGC4636 fields. Monthly Notices of the Royal Astronomical Society, 519(3): 4589-4607.	11/31				Q1	
2023	The Astrophysical Journal	Tully, R., Kourkchi, E., Courtois, H., Anand, G., Blakeslee, J., Brout, D., et al. (2023) Cosmicflows-4. The Astrophysical Journal, 944(1): 1-31.	10/17				Q1	
2023	Monthly Notices of the Royal Astronomical Society	Lai, Y.*, Howlett, C.* and Davis, T.* (2023) Using peculiar velocity surveys to constrain the growth rate of structure with the wide-angle effect. Monthly Notices of the Royal Astronomical Society, 518(2): 1840-1858.	2/3				Q1	
2023	The Astrophysical Journal	Lan, T., Tojeiro, R., Armengaud, E., Prochaska, J., Davis, T.*, Alexander, D., et al. (2023) The DESI survey validation: results from visual inspection of bright galaxies, luminous red galaxies, and emission-line galaxies. The Astrophysical Journal, 943(1).	27/82				Q1	
2022	Monthly Notices of the Royal Astronomical Society	Glanville, A.*, Howlett, C.* and Davis, T.* (2022) Full-shape galaxy power spectra and the curvature tension. Monthly Notices of the Royal Astronomical Society, 517(2): 3087-3100.	2/3				Q1	
2022	The Astronomical Journal	Abareshi, B., Aguilar, J., Ahlen, S., Alam, S., Alexander, D., Alfarsy, R., et al. (2022) Overview of the instrumentation for the Dark Energy Spectroscopic Instrument. The Astronomical Journal, 164(5): 1-62.	113/269				Q1	
2022	The Astrophysical Journal	Qin, F., Howlett, C.*, Stevens, A. and Parkinson, D. (2022) H i HOD. I. The halo occupation distribution of H i Galaxies. The Astrophysical Journal, 937(2): 1-15.	2/4				Q1	
2022	Monthly Notices of the Royal Astronomical Society	Howlett, C.*, Said, K.*, Lucey, J., Colless, M., Qin, F., Lai, Y.*, et al. (2022) The Sloan Digital Sky Survey peculiar velocity catalogue. Monthly Notices of the Royal Astronomical Society, 515(1): 953-976.	1/8				Q1	
2022	Monthly Notices of the Royal Astronomical Society	Whitford, A.*, Howlett, C.* and Davis, T.* (2022) Using peculiar velocity surveys to constrain neutrino masses. Monthly Notices of the Royal Astronomical Society, 513(1): 345-362.	2/3				Q1	
2022	Publications of the Astronomical Society of Australia	Deg, N., Spekkens, K., Westmeier, T., Reynolds, T., Venkataraman, P., Goliath, S., et al. (2022) WALLABY Pilot Survey: Public release of HI kinematic models for more than 100 galaxies from phase 1 of ASKAP pilot observations. Publications of the Astronomical Society of Australia, 39: 1-17.	16/32				Q1	
2022	Publications of the Astronomical Society of Australia	Westmeier, T., Deg, N., Spekkens, K., Reynolds, T., Shen, A., Gaudet, S., et al. (2022) WALLABY pilot survey: public release of H i data for almost 600 galaxies from phase 1 of ASKAP pilot observations. Publications of the Astronomical Society of Australia, 39.	18/52				Q1	
2021	The Astrophysical Journal	Qin, F., Parkinson, D., Howlett, C.* and Said, K.* (2021) Cosmic flow measurement and mock sampling algorithm of Cosmicflows-4 Tully–Fisher catalog. The Astrophysical Journal, 922(1).	3/4	4	0.49	0.44	Q1	
2021	Physical Review D	Stöcker, P., Balázs, C., Bloor, S.*, Bringmann, T., Gonzalo, T., Handley, W., et al. (2021) Strengthening the bound on the mass of the lightest neutrino with terrestrial and cosmological experiments. Physical Review D, 103(12).	8/14	15	1.93	1.65	Q1	

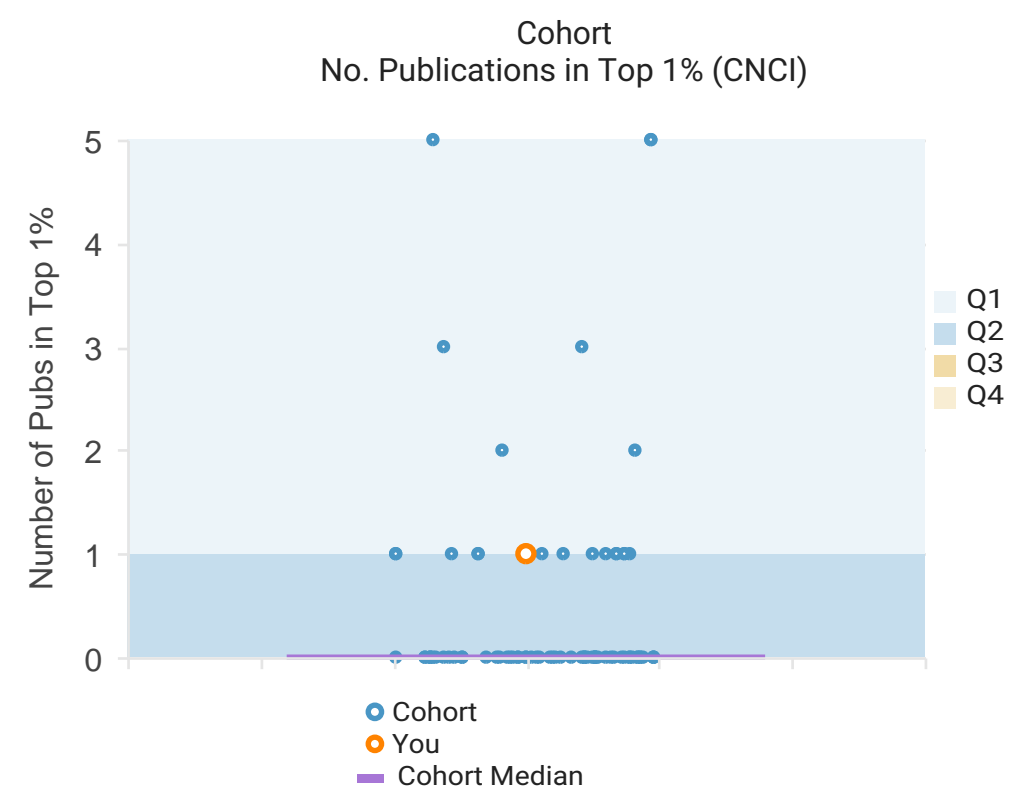
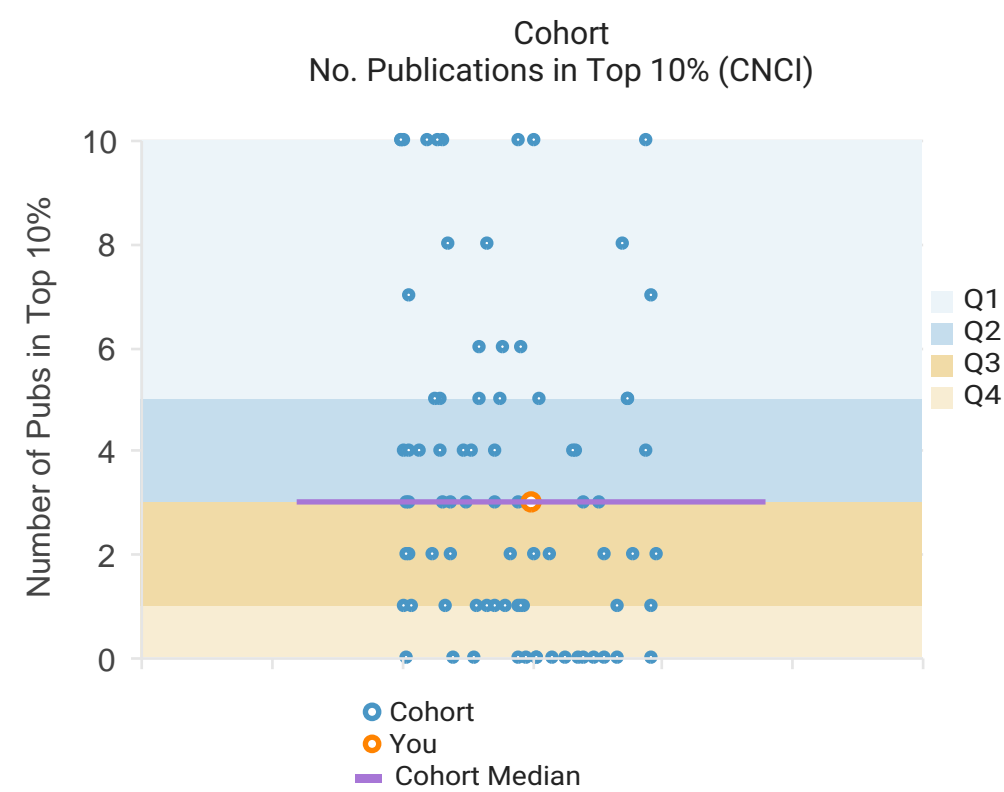
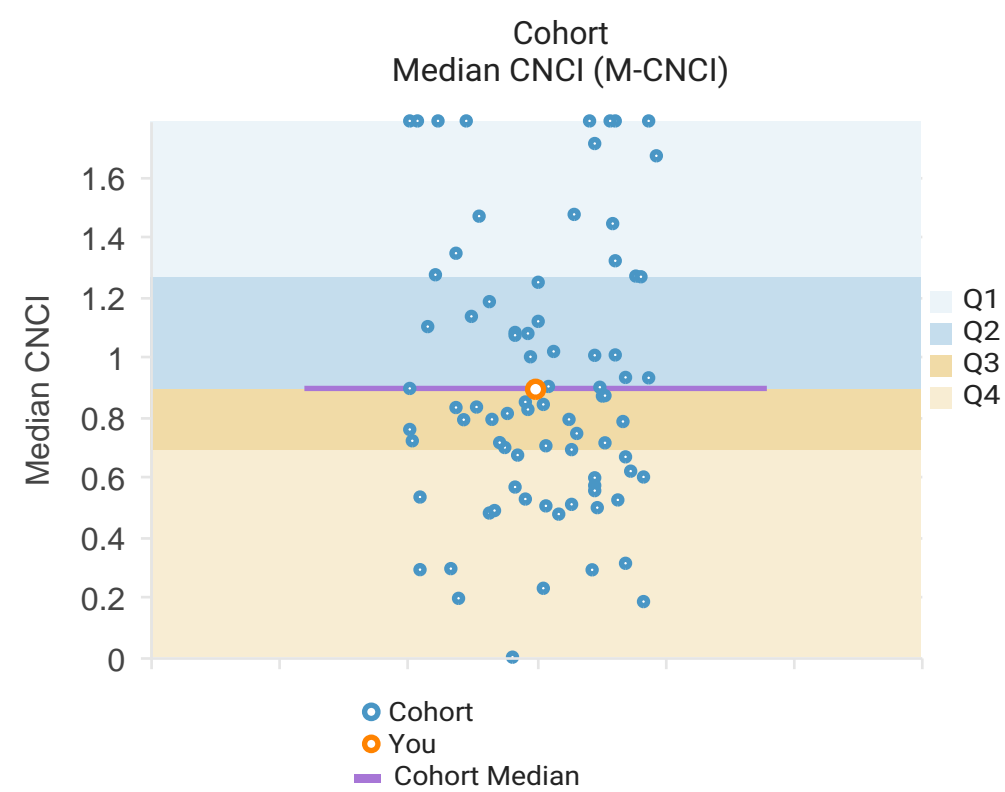
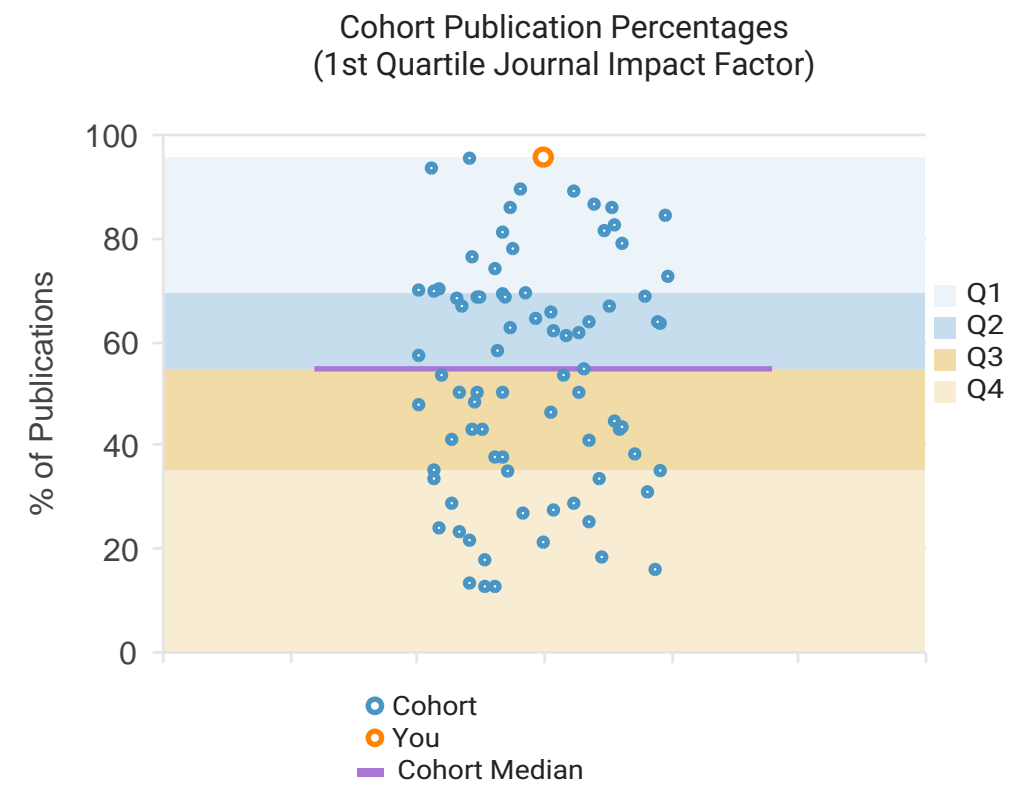
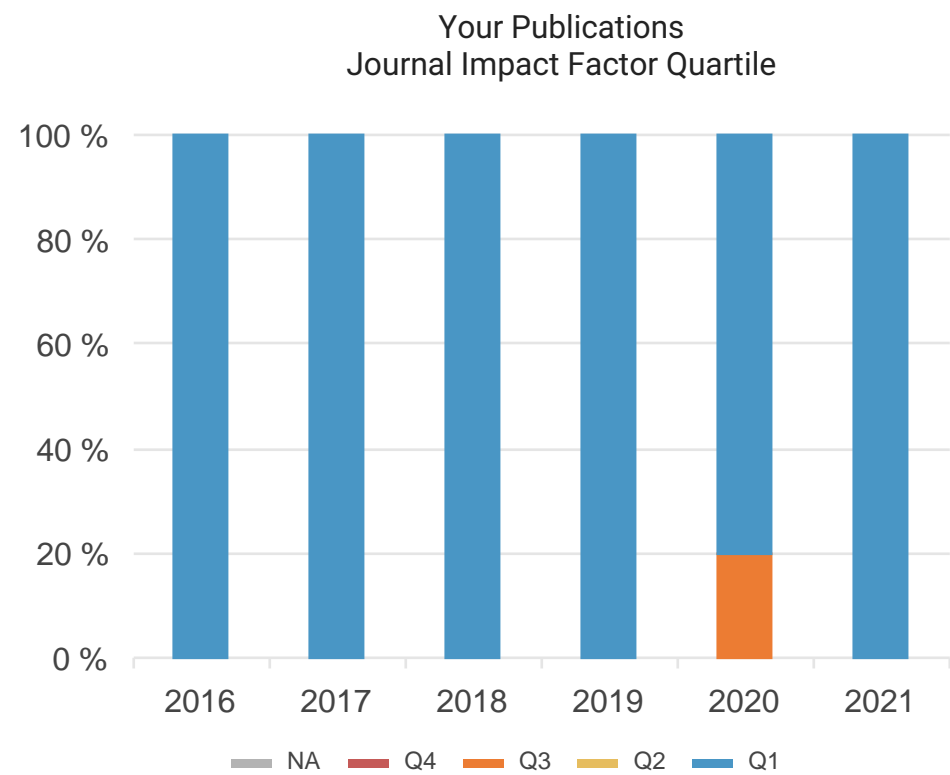
Year	Journal	Title	Author	Cites	CNCI	JNCI	JIF	Content
2021	Monthly Notices of the Royal Astronomical Society	Glanville, A.* , Howlett, C.* and Davis, T.* (2021) The effect of systematic redshift biases in BAO cosmology. Monthly Notices of the Royal Astronomical Society, 503(3): 3510-3521.	2/3	5	0.62	0.58	Q1	
2021	Journal of Cosmology and Astroparticle Physics	Renk, J.* , Stöcker, P., Bloor, S.* , Hotinli, S., Balázs, C., Bringmann, T., et al. (2021) CosmoBit: A GAMBIT module for computing cosmological observables and likelihoods. Journal of Cosmology and Astroparticle Physics, 2021(2): 022-022.	10/14	7	0.90	0.63	Q1	
2020	Monthly Notices of the Royal Astronomical Society	Byun, J., Franco, F., Howlett, C.* , Bonvin, C. and Obreschkow, D. (2020) Constraining the growth rate of structure with phase correlations. Monthly Notices of the Royal Astronomical Society, 497(2): 1765-1790.	3/5	5	0.37	0.35	Q1	
2020	Astrophysics and Space Science	Koribalski, B., Staveley-Smith, L., Westmeier, T., Serra, P., Spekkens, K., Wong, O., et al. (2020) WALLABY - an SKA Pathfinder H I survey. Astrophysics and Space Science, 365(7).	34/70	108	8.03	19.79	Q3	
2020	Monthly Notices of the Royal Astronomical Society	Howlett, C.* and Davis, T.* (2020) Standard siren speeds: improving velocities in gravitational-wave measurements of H0. Monthly Notices of the Royal Astronomical Society, 492(3): 3803-3815.	1/2	31	2.30	2.16	Q1	
2020	Monthly Notices of the Royal Astronomical Society	Hinton, S.* , Howlett, C.* and Davis, T.* (2020) BARRY and the BAO Model Comparison. Monthly Notices of the Royal Astronomical Society, 493(3): 4078-4093.	2/3	9	0.67	0.63	Q1	
2020	Monthly Notices of the Royal Astronomical Society	Pan, H., Obreschkow, D., Howlett, C., Lagos, C., Elahi, P., Baugh, C., et al. (2020) Multiwavelength consensus of large-scale linear bias. Monthly Notices of the Royal Astronomical Society, 493(1): 747-764.	3/7	2	0.15	0.14	Q1	
2019	Monthly Notices of the Royal Astronomical Society	Davis, T.* , Hinton, S.* , Howlett, C.* and Calcino, J.* (2019) Can redshift errors bias measurements of the Hubble Constant?. Monthly Notices of the Royal Astronomical Society, 490(2): 2948-2957.	3/4	36	2.12	1.77	Q1	
2019	Monthly Notices of the Royal Astronomical Society	Qin, F., Howlett, C. and Staveley-Smith, L. (2019) The redshift-space momentum power spectrum II: measuring the growth rate from the combined 2MTF and 6dFGSv surveys. Monthly Notices of the Royal Astronomical Society, 487(4): 5235-5247.	2/3	34	2.00	1.67	Q1	
2019	Monthly Notices of the Royal Astronomical Society	Howlett, C.* (2019) The redshift-space momentum power spectrum - I. Optimal estimation from peculiar velocity surveys. Monthly Notices of the Royal Astronomical Society, 487(4): 5209-5234.	1/1	15	0.88	0.74	Q1	
2019	Monthly Notices of the Royal Astronomical Society	Hong, T., Staveley-Smith, L., Masters, K., Springob, C., Macri, L., Koribalski, B., et al. (2019) 2MTF - VII. 2MASS Tully-Fisher survey final data release: distances for 2,062 nearby spiral galaxies. Monthly Notices of the Royal Astronomical Society, 487(2): 2061-2069.	10/11	15	0.88	0.74	Q1	
2019	Monthly Notices of the Royal Astronomical Society	Qin, F., Howlett, C., Staveley-Smith, L. and Hong, T. (2019) Bulk flow and shear in the local Universe: 2MTF and COSMICFLOWS-3. Monthly Notices of the Royal Astronomical Society, 482(2): 1920-1930.	2/4	15	0.88	0.74	Q1	
2018	Monthly Notices of the Royal Astronomical Society	Qin, F., Howlett, C., Staveley-Smith, L. and Hong, T. (2018) Bulk flow in the combined 2MTF and 6dFGSv surveys. Monthly Notices of the Royal Astronomical Society, 477(4): 5150-5166.	2/4	14	0.66	0.55	Q1	
2018	Monthly Notices of the Royal Astronomical Society	Ali, K., Obreschkow, D., Howlett, C., Bonvin, C., Llinares, C., Oliveira Franco, F., et al. (2018) Cosmological constraints from fourier phase statistics. Monthly Notices of the Royal Astronomical Society, 479(2): 2743-2753.	3/7	8	0.38	0.31	Q1	
2018	Research Notes of the AAS	Robotham, A. and Howlett, C. (2018) A short research note on calculating exact distribution functions and random sampling for the 3D NFW profile. Research Notes of the AAS, 2(2)	2/2					
2017	Monthly Notices of the Royal Astronomical Society	Howlett, C. and Percival, W. (2017) Galaxy two-point covariance matrix estimation for next generation surveys. Monthly Notices of the Royal Astronomical Society, 472(4): 4935-4952.	1/2	23	0.99	0.80	Q1	
2017	Monthly Notices of the Royal Astronomical Society	Howlett, C., Staveley-Smith, L., Elahi, P., Hong, T., Jarrett, T., Jones, D., et al. (2017) 2MTF-VI. Measuring the velocity power spectrum. Monthly Notices of the Royal Astronomical Society, 471(3): 3135-3151.	1/10	52	2.25	1.80	Q1	
2017	Publications of the Astronomical Society of Australia	da Cunha, E., Hopkins, A., Colless, M., Taylor, E., Blake, C., Howlett, C., et al. (2017) The Taipan Galaxy Survey: Scientific Goals and Observing Strategy. Publications of the Astronomical Society of Australia, 34: 1-28.	6/40	73	1.52	1.43	Q1	
2017	Astrophysical Journal	Howlett, C., Robotham, A., Lagos, C. and Kim, A. (2017) Measuring the growth rate of structure with type IA supernovae from LSST. Astrophysical Journal, 847(2)	1/4	32	1.38	1.21	Q1	

Year	Journal	Title	Author	Cites	CNCI	JNCI	JIF	Content
2017	Monthly Notices of the Royal Astronomical Society	Howlett, C., Staveley-Smith, L. and Blake, C. (2017) Cosmological forecasts for combined and next-generation peculiar velocity surveys. Monthly Notices of the Royal Astronomical Society, 464(3): 2517-2544.	1/3	38	1.64	1.32	Q1	
2016	Monthly Notices of the Royal Astronomical Society	Andersen, P., Davis, T.* and Howlett, C. (2016) Cosmology with peculiar velocities: observational effects. Monthly Notices of the Royal Astronomical Society, 463(4): 4083-4092.	3/3	8	0.31	0.25	Q1	
2015	Physical Review D - Particles, Fields, Gravitation and Cosmology	Aubourg, É., Bailey, S., Bautista, J., Beutler, F., Bhardwaj, V., Bizyaev, D., et al. (2015) Cosmological implications of baryon acoustic oscillation measurements. Physical Review D - Particles, Fields, Gravitation and Cosmology, 92(12).	35/95				Q1	
2015	Monthly Notices of the Royal Astronomical Society	Burden, A., Percival, W. and Howlett, C. (2015) Reconstruction in Fourier space. Monthly Notices of the Royal Astronomical Society, 453(1): 456-468.	3/3				Q1	
2015	Monthly Notices of the Royal Astronomical Society	Liske, J., Baldry, I., Driver, P., Tuffs, R., Alpaslan, M., Andrae, E., et al. (2015) Galaxy and mass assembly (GAMA): End of survey report and data release 2. Monthly Notices of the Royal Astronomical Society, 452(2): 2087-2126.	39/70				Q1	
2015	Astronomy and Computing	Howlett, C., Manera, M. and Percival, W. (2015) L-PICOLA: a parallel code for fast dark matter simulation. Astronomy and Computing, 12: 109-126.	1/3				Q3	
2015	Monthly Notices of the Royal Astronomical Society	Howlett, C., Ross, A., Samushia, L., Percival, W. and Manera, M. (2015) The clustering of the SDSS main galaxy sample - II. Mock galaxy catalogues and a measurement of the growth of structure from redshift space distortions at z=0.15. Monthly Notices of the Royal Astronomical Society, 449(1): 848-866.	1/5				Q1	
2015	Monthly Notices of the Royal Astronomical Society	Ross, A., Samushia, L., Howlett, C., Percival, W., Burden, A. and Manera, M. (2015) The clustering of the SDSS DR7 main Galaxy sample - I. A 4 per cent distance measure at z=0.15. Monthly Notices of the Royal Astronomical Society, 449(1): 835-847.	3/6				Q1	
2015	Monthly Notices of the Royal Astronomical Society	Manera, M., Samushia, L., Tojeiro, R., Howlett, C., Ross, A., Percival, W., et al. (2015) The clustering of galaxies in the SDSS-III baryon oscillation spectroscopic survey: Mock galaxy catalogues for the low-redshift sample. Monthly Notices of the Royal Astronomical Society, 447(1): 437-445.	4/10				Q1	
2014	Monthly Notices of the Royal Astronomical Society	Tojeiro, R., Ross, A., Burden, A., Samushia, L., Manera, M., Percival, W., et al. (2014) The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: galaxy clustering measurements in the low-redshift sample of Data Release 11. Monthly Notices of the Royal Astronomical Society, 440(3): 2222-2237.	14/25				Q1	
2014	Monthly Notices of the Royal Astronomical Society	Anderson, L., Aubourg, É., Bailey, S., Beutler, F., Bhardwaj, V., Blanton, M., et al. (2014) The clustering of galaxies in the SDSS-III baryon oscillation spectroscopic survey: Baryon acoustic oscillations in the data releases 10 and 11 galaxy samples. Monthly Notices of the Royal Astronomical Society, 441(1): 24-62.	20/65				Q1	
2012	Journal of Cosmology and Astroparticle Physics	Howlett, C., Lewis, A., Hall, A. and Challinor, A. (2012) CMB power spectrum parameter degeneracies in the era of precision cosmology. Journal of Cosmology and Astroparticle Physics, 2012(4): 027-027.	1/4				Q1	

Year	Conference	Title	Author	Cites	CNCI	JNCI	JIF
2014	Statistical Challenges in 21St Century Cosmology	Manera, M., Percival, W., Ross, A., Tojeiro, R., Samushia, L., Howlett, C., et al. (2014). Understanding cosmological measurements with a large number of mock galaxy catalogues. In Statistical Challenges in 21St Century Cosmology. 306th Symposium of The International-Astronomical-Union (IAU), Lisbon, Portugal, (266-268). 25-29 May 2014.	6/9				

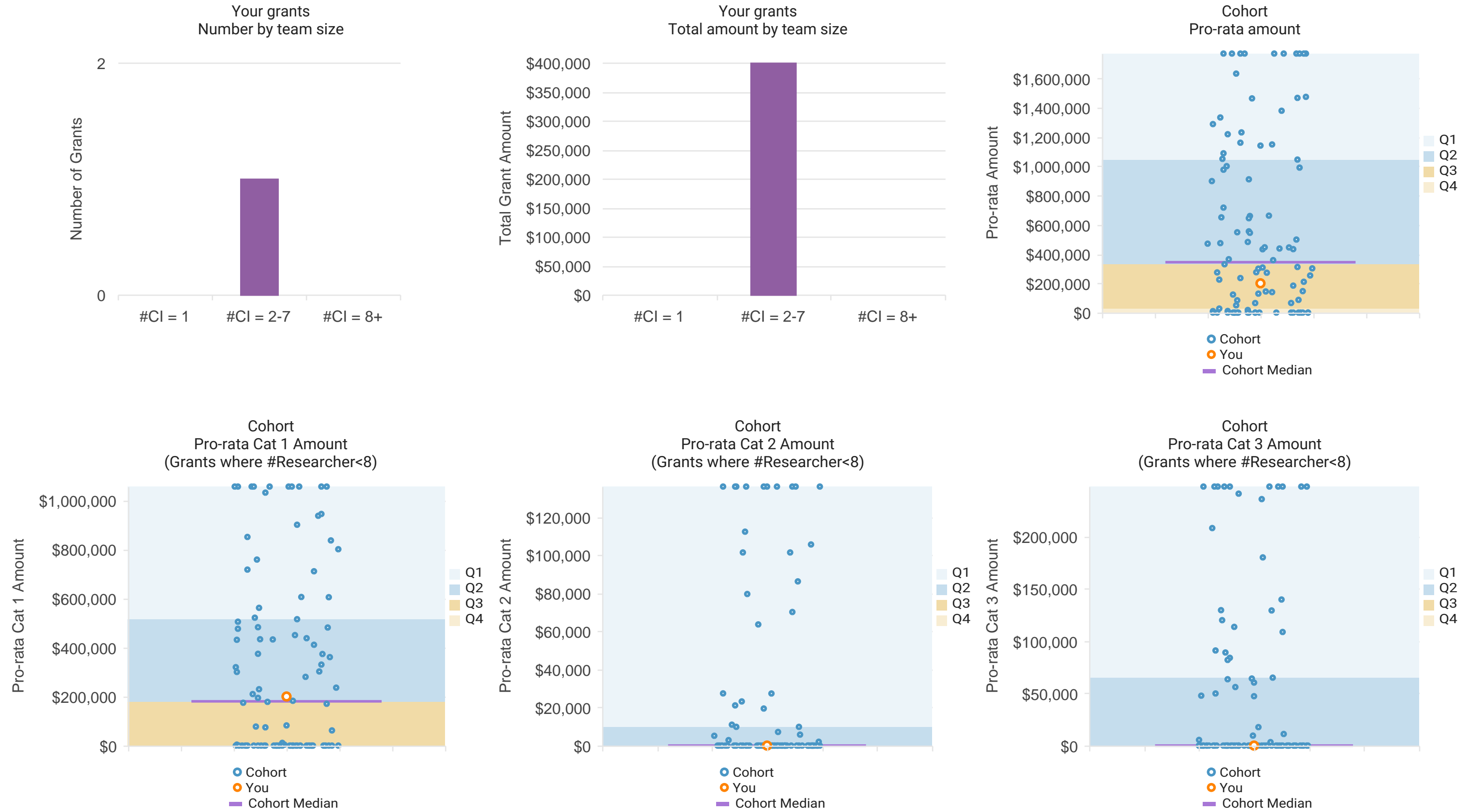


Citation & Impact Analysis (2016 - 2021)





Externally Funded Grants



Year	Title	Granting Scheme	CI List	Used in Metrics	Place	Cat 1	Cat 2	Cat 3	Total Amount (\$)
2022	A Space Odyssey: Exploring the Universe with Gravitational-Wave Sirens	ARC Discovery Projects	Dr Cullan Howlett, Professor Tamara Davis	●	1 / 2	●			400,000

Service Role	Description	Start Year	End Year
Member of the Astronomy Australia Limited Science Advisory Committee	One of 12 members of the committee appointed by the AAL Board to provide advice and input on the status of Australia's astronomy and computing infrastructure (including the Australian share of international facilities) and assess whether they cater for the needs of the Australian community.	2023	
Interim Member of Anglo-Australian Telescope Council	Provide governance and oversight for the multi-million dollar Anglo-Australian Telescope based in New South Wales, Australia's largest telescope.	2023	
Data Central Science Advisory Committee	Provide advice and input on the status and direction of "Data Central", an online data repository for many of the largest surveys and datasets carried out by, or of general interest to, the Australian astronomy community.	2023	
Leadership Role in 4MOST Hemisphere Survey	I was recently offered, and accepted, the role of chair of one of the four working groups within the Australian-led 4MOST Hemisphere Survey (4HS), to be carried out on the 4-metre Multi-Object Spectroscopic Telescope in Chile, currently under construction. The exact number of people in the working group and survey is still being finalised, but 4HS is one of the 18 surveys being carried out on 4MOST, which as a full collaboration totals over 1,500 scientists and engineers. The amount of time granted to the 4HS is equivalent to ~15.5 million euros, and so to lead the cosmology working group in this survey is also an indication of international recognition.	2022	
Member of the DESI publication board and research forum organising committee	As a member of the publication board, I helped progress other people's publications through the collaboration's complex internal reviewing and refereeing system, which ensures papers are of a high standard before submission to a journal. On the Research Forum committee, I helped organise weekly short internal seminars by members of the collaboration, showcasing project updates or new results.	2020	2021
Leadership role in Dark Energy Spectroscopic Instrument	I am co-chair of the Transient and Low-redshift Cosmology Working Group within the American-led Dark Energy Spectroscopic Instrument (DESI) survey. This is one of the largest astronomy collaborations in the world, with over 1000 scientists and engineers. I co-chair one of the 10 Working Groups in this collaboration, which also provides me with a position on the Science Committee for the survey. I obtained it in part due to my efforts championing for a survey of galaxy velocities within DESI—I led a proposal for this, and it was so well received that the existing Transients and Time-Domain working group was expanded to include my proposed science case (Low-redshift Cosmology) and I took over as one of the chairs. Although DESI is still in the early data taking stages, my working group is currently drafting several papers to coincide with the first 'pilot' survey data release by mid 2023	2021	
Leadership role in WALLABY survey	I am chair of the Cosmology and Statistical Studies working group (one of 5 working groups) for the WALLABY survey on the Australian Square Kilometer Array Pathfinder. At time of writing, my working group has 52 members, whilst the survey has 176. This is one of Australia's largest and most important extragalactic surveys — it is a precursor to surveys that will be carried out on the Square Kilometer Array, a one-billion-dollar facility being built in Western Australia. WALLABY started in October 2022, but my working group has already published several papers.	2019	
Member of the Diversity, Equity and Inclusivity (DEI) committee at the International Centre for Radio Astronomy Research, University of Western Australia	I served on the DEI committee and ran the departmental mentoring scheme. As part of this process I coordinated the assignment of senior mentors to all HDR students (as well some Masters students and Research staff) to discuss various aspects of working in academia. I was also a member of this committee when we submitted and were awarded a Pleiades Gold Award.	2017	2019
Refereeing	I have served as a reviewer for the journals Monthly Notices of the Royal Astronomical Journal, the Astrophysical Journal, Physical Review D, Physical Review Letters, Astronomy and Astrophysics and the Journal of Cosmology and Astroparticle Physics. I have also served as an expert grant reviewer for 3 ARC DECRA's, 4 ARC Discovery Projects, 1 ARC LEIF and a grant submitted to the National Science Centre of Poland.	2016	
Other Department Service	For 2 years I organised the regular group meetings of the Computation, Modelling and Theory group at ICRAR/UWA	2016	2018
Member of the CAASTRO (ARC Centre of Excellence for All-sky Astrophysics) Postdoctoral Committee	As a member of this committee I helped organise 2 professional development workshops at the annual meetings for the Centre, other training and development opportunities, and legacy documents from the Centre containing advice for applying for Fellowships and maintaining a good work-life balance in academia.	2016	2018
Postgraduate Student representative of the Institute of Cosmology and Gravitation, University of Portsmouth	I represented all (~20) postgraduate students on the ICGs staff board, liased between the staff and students as necessary and organised the seating plan for all postgraduate students. I also organised weekly meeting between students and invited seminar speakers	2014	2015
Student representative on the Technology Faculty Board for the University of Portsmouth	I represented postgraduate students on the board for the Faculty of Technology, attending regular board meetings and liasing between students and staff as necessary.	2014	2015

Service Role	Description	Start Year	End Year
Other (details in description)	Representative on the School of Mathematics and Physics Mentoring and Development Subcommittee of the Research Committee.	2023	2022
Other (details in description)	Representative on the School of Mathematics and Physics Early and Mid-Career Academics Committee.	2023	
Other (details in description)	I represented the astronomy group and the University of Queensland as a member of the Scientific Organising Committee for the Astronomical Society of Australia's Annual General Meeting 2022. This involved helping to organise the "Queensland Hub" at the University of Queensland for this hybrid meeting, which will host participants from UQ, USQ and QUT; and deciding on the scientific content of the meeting. There is typically one representative from each major astronomy department in Australia each year.	2022	
Other (details in description)	Panel member for jobs at the University of Queensland:I served on the shortlisting and interview panels for the successful hiring of: Four postdoctoral positions in the School of Mathematics and Physics. An administration officer in the School of Mathematics and Physics.	2019	
Other (details in description)	I co-organise and run the weekly meetings of the cosmology group within the School of Mathematics and Physics, which is typically attended by 10-15 people.	2019	

Position	Institution	Appointment Type	Country
Research Associate	University of Western Australia	Academic	