

# School Curriculum and Standards Authority

Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2018

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Accounting and Finance - Written	Male	723	63.57	15.78	62.91	17.54	0.91
	Female	695	65.54	15.95	64.44	17.43	
	Persons	1418	64.54	15.89	63.66	17.50	
Ancient History - Written	Male	52	60.86	14.04	60.99	14.53	0.83
	Female	81	61.11	13.41	59.29	15.01	
	Persons	133	61.01	13.61	59.96	14.79	
Animal Production Systems - Written	Male	24	62.34	12.51	60.64	14.00	0.91
	Female	36	65.08	14.82	64.66	13.99	
	Persons	60	63.98	13.90	63.05	14.02	
Applied Information Technology - Written	Male	377	62.42	13.08	61.81	15.26	0.83
	Female	160	67.24	13.15	66.31	14.84	
	Persons	537	63.86	13.27	63.15	15.26	
Arabic - Written	Male	5	66.56	12.67	61.28	6.64	0.66
	Female	12	61.71	8.68	61.11	8.80	
	Persons	17	63.13	9.86	61.16	8.02	
Auslan - Written	Male	6	89.48	4.29	92.69	3.48	0.80
	Female	7	87.20	7.85	85.83	7.93	
	Persons	13	88.25	6.31	89.00	7.01	
Aviation - Practical	Male	17	85.38	7.91	85.34	8.23	0.87
	Female	0	N/A	N/A	N/A	N/A	
	Persons	17	85.38	7.91	85.34	8.23	
Aviation - Written	Male	17	63.25	14.32	63.22	14.36	0.95
	Female	0	N/A	N/A	N/A	N/A	
	Persons	17	63.25	14.32	63.22	14.36	
Biology - Written	Male	641	60.02	12.06	59.95	12.88	0.91
	Female	1194	62.84	12.06	62.12	12.80	
	Persons	1835	61.86	12.13	61.36	12.87	
Business Management and Enterprise - Written	Male	398	54.08	15.15	53.17	16.77	0.83
	Female	466	57.56	13.93	56.77	14.58	
	Persons	864	55.95	14.60	55.11	15.72	
Career and Enterprise - Written	Male	75	58.22	13.21	57.53	14.78	0.79
	Female	87	65.00	13.61	63.48	16.50	
	Persons	162	61.86	13.81	60.72	15.96	
Chemistry - Written	Male	2612	59.73	16.53	59.29	17.12	0.94
	Female	2352	59.35	16.41	58.58	17.50	
	Persons	4964	59.55	16.47	58.95	17.30	

\* Pearson product-moment correlation coefficients between moderated school assessment and raw examination marks for practical and written components of an ATAR course.

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# School Curriculum and Standards Authority

Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2018 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Children, Family and the Community - Written	Male	0	N/A	N/A	N/A	N/A	0.81
	Female	100	62.97	10.78	62.79	11.21	
	Persons	100	62.97	10.78	62.79	11.21	
Chinese: Background Language - Written	Male	6	76.35	6.76	75.17	7.15	0.63
	Female	6	71.73	5.13	74.42	6.58	
	Persons	12	74.04	6.21	74.79	6.56	
Chinese: First Language - Written	Male	40	54.61	8.89	53.28	7.58	0.77
	Female	40	58.10	9.20	59.08	9.99	
	Persons	80	56.35	9.16	56.18	9.28	
Chinese: Second Language - Practical	Male	23	70.70	14.94	70.43	15.65	0.92
	Female	40	77.40	12.72	76.80	13.48	
	Persons	63	74.96	13.84	74.48	14.52	
Chinese: Second Language - Written	Male	23	57.77	18.45	57.02	18.92	0.97
	Female	40	69.43	15.73	68.25	17.31	
	Persons	63	65.17	17.56	64.15	18.58	
Computer Science - Written	Male	393	60.89	14.84	60.00	16.42	0.90
	Female	76	59.73	15.97	59.50	17.23	
	Persons	469	60.70	15.02	59.92	16.54	
Dance - Practical	Male	8	65.32	12.09	63.52	12.15	0.83
	Female	214	68.37	10.57	67.75	11.25	
	Persons	222	68.26	10.61	67.60	11.28	
Dance - Written	Male	8	53.98	18.83	49.49	19.84	0.84
	Female	212	60.06	12.68	58.95	13.55	
	Persons	220	59.84	12.95	58.60	13.88	
Design - Practical	Male	177	63.26	12.26	61.93	13.71	0.80
	Female	192	64.05	13.74	63.84	13.97	
	Persons	369	63.67	13.04	62.93	13.86	
Design - Written	Male	177	59.39	11.81	57.77	12.95	0.81
	Female	190	62.63	11.43	62.60	12.15	
	Persons	367	61.07	11.71	60.27	12.75	
Drama - Practical	Male	199	64.55	13.13	64.34	14.81	0.79
	Female	455	68.16	12.18	67.17	13.27	
	Persons	654	67.06	12.58	66.31	13.81	
Drama - Written	Male	204	58.09	14.71	56.10	17.02	0.82
	Female	465	67.08	13.24	66.74	14.03	
	Persons	669	64.34	14.31	63.49	15.77	

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# School Curriculum and Standards Authority

Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2018 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Earth and Environmental Science - Written	Male	125	56.81	11.03	57.39	11.39	0.87
	Female	108	56.09	12.53	54.19	13.38	
	Persons	233	56.48	11.73	55.91	12.43	
Economics - Written	Male	1140	57.18	16.68	56.99	17.76	0.92
	Female	937	56.67	17.90	55.40	19.19	
	Persons	2077	56.95	17.24	56.28	18.43	
Engineering Studies - Written	Male	228	63.73	14.62	63.29	15.97	0.85
	Female	12	52.29	18.25	47.73	17.85	
	Persons	240	63.16	14.98	62.51	16.39	
English - Written	Male	5212	56.44	9.56	56.02	11.30	0.73
	Female	5711	61.03	9.83	60.09	11.22	
	Persons	1	46.65	0.00	36.00	0.00	
	Persons	10924	58.84	9.97	58.15	11.44	
English as an Additional Language or Dialect - Practical	Male	640	60.90	15.29	61.24	16.75	0.78
	Female	840	65.81	14.66	64.38	15.79	
	Persons	1480	63.69	15.13	63.02	16.28	
English as an Additional Language or Dialect - Written	Male	642	62.01	15.25	62.10	15.17	0.89
	Female	843	66.81	12.56	66.23	13.35	
	Persons	1485	64.73	13.99	64.44	14.31	
Food Science and Technology - Written	Male	33	52.56	12.17	53.97	12.61	0.87
	Female	212	58.02	12.20	56.89	13.38	
	Persons	245	57.29	12.32	56.49	13.29	
French: Second Language - Practical	Male	98	74.94	13.50	73.99	15.82	0.88
	Female	246	76.31	14.02	75.69	14.98	
	Persons	344	75.92	13.87	75.21	15.22	
French: Second Language - Written	Male	98	62.11	13.48	62.34	14.05	0.94
	Female	249	66.32	12.89	65.71	13.71	
	Persons	347	65.13	13.17	64.76	13.87	
Geography - Written	Male	779	56.37	10.99	56.22	11.33	0.84
	Female	913	57.32	11.40	56.33	12.04	
	Persons	1692	56.88	11.22	56.28	11.71	
German: Second Language - Practical	Male	17	65.53	17.14	65.19	18.11	0.90
	Female	21	73.60	12.48	72.51	16.40	
	Persons	38	69.99	15.09	69.23	17.35	
German: Second Language - Written	Male	17	57.82	16.46	58.70	16.20	
	Female	20	61.21	12.58	60.52	13.74	

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# School Curriculum and Standards Authority

Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2018 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Health Studies - Written	Persons	37	59.66	14.39	59.68	14.74	0.95
	Male	135	52.05	12.90	52.37	14.94	
	Female	534	61.01	13.06	59.52	14.61	
	Persons	669	59.20	13.51	58.08	14.94	
Hebrew - Written	Male	2	64.19	0.68	64.00	1.06	0.83
	Female	2	64.02	0.93	64.19	0.44	
	Persons	4	64.10	0.67	64.10	0.67	
Human Biology - Written	Male	1619	59.04	12.99	58.92	13.94	-0.26
	Female	3342	60.71	13.62	60.04	14.61	
	Persons	4961	60.17	13.44	59.67	14.40	
Indonesian: Second Language - Practical	Male	22	64.19	11.95	64.18	13.19	0.91
	Female	36	57.89	14.72	57.11	17.05	
	Persons	58	60.28	13.97	59.79	15.96	
Indonesian: Second Language - Written	Male	22	71.62	12.68	71.56	11.97	0.88
	Female	36	61.43	14.58	60.04	16.44	
	Persons	58	65.29	14.65	64.41	15.83	
Integrated Science - Written	Male	43	62.83	11.68	62.61	14.22	0.93
	Female	36	65.45	10.93	63.17	12.16	
	Persons	79	64.02	11.35	62.87	13.24	
Italian: Second Language - Practical	Male	50	61.11	20.03	63.21	21.95	0.82
	Female	178	70.49	17.94	68.59	20.00	
	Persons	228	68.43	18.78	67.41	20.52	
Italian: Second Language - Written	Male	51	61.32	14.09	59.79	14.94	0.88
	Female	177	66.95	14.07	66.54	14.44	
	Persons	228	65.69	14.24	65.03	14.79	
Japanese: Second Language - Practical	Male	114	61.32	14.09	59.79	14.94	0.95
	Female	177	66.95	14.07	66.54	14.44	
	Persons	228	65.69	14.24	65.03	14.79	
Japanese: Second Language - Written	Male	114	69.17	18.08	69.13	19.93	0.91
	Female	200	68.81	16.79	68.03	17.61	
	Persons	1	55.96	0.00	61.75	0.00	
	Persons	315	68.90	17.23	68.40	18.44	
Literature - Written	Male	115	57.24	19.22	56.42	19.97	0.96
	Female	201	57.22	19.02	56.26	20.29	
	Persons	1	35.98	0.00	31.10	0.00	
	Persons	317	57.16	19.07	56.24	20.16	
Literature - Written	Male	452	70.80	9.27	70.67	10.62	0.72
	Female	1004	72.22	8.44	71.50	9.85	
	Persons	1456	71.78	8.73	71.24	10.10	

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Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2018 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Marine and Maritime Studies - Written	Male	55	61.20	9.64	61.32	10.97	0.84
	Female	70	64.70	10.37	64.11	10.57	
	Persons	125	63.16	10.17	62.88	10.80	
Materials Design and Technology - Practical	Male	88	67.02	15.73	66.72	16.17	0.89
	Female	77	74.92	10.64	74.30	11.59	
	Persons	165	70.71	14.12	70.26	14.68	
Materials Design and Technology - Written	Male	88	68.02	9.24	66.65	10.98	0.81
	Female	77	65.30	11.06	63.60	12.00	
	Persons	165	66.75	10.19	65.23	11.53	
Mathematics Applications - Written	Male	3914	52.79	15.29	52.17	16.99	0.90
	Female	4535	53.71	15.15	52.26	16.30	
	Persons	1	43.92	0.00	32.28	0.00	
	Persons	8450	53.28	15.22	52.22	16.62	
Mathematics Methods - Written	Male	2530	67.09	17.34	67.31	18.46	0.93
	Female	1887	64.93	17.33	63.29	18.70	
	Persons	4417	66.17	17.37	65.59	18.67	
Mathematics Specialist - Written	Male	1069	62.63	18.17	61.93	19.51	0.94
	Female	476	62.31	17.82	61.24	19.35	
	Persons	1545	62.53	18.06	61.72	19.46	
Media Production and Analysis - Practical	Male	315	64.27	13.05	62.74	14.79	0.79
	Female	365	65.96	11.21	65.83	12.12	
	Persons	680	65.18	12.12	64.40	13.50	
Media Production and Analysis - Written	Male	308	61.77	11.31	59.68	15.30	0.73
	Female	360	66.38	10.87	65.84	12.70	
	Persons	668	64.26	11.30	63.00	14.28	
Modern History - Written	Male	704	60.35	11.42	59.86	12.92	0.85
	Female	1300	61.39	11.68	60.50	13.43	
	Persons	2004	61.03	11.60	60.27	13.25	
Music - Practical	Male	158	72.16	13.61	70.53	15.26	0.82
	Female	184	71.67	13.93	71.61	15.19	
	Persons	342	71.90	13.77	71.12	15.21	
Music - Written	Male	155	57.87	15.97	56.49	17.33	0.95
	Female	187	55.37	15.88	54.70	16.52	
	Persons	342	56.50	15.94	55.51	16.89	
Outdoor Education - Written	Male	113	51.94	10.89	50.56	12.87	
	Female	122	55.58	12.09	55.05	12.91	

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Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2018 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Philosophy and Ethics - Written	Persons	235	53.83	11.64	52.89	13.06	0.83
	Male	102	70.11	12.78	69.39	13.62	
	Female	107	68.86	10.78	68.14	13.10	
Physical Education Studies - Practical	Persons	209	69.47	11.79	68.75	13.34	0.82
	Male	1144	65.57	10.75	63.30	12.32	
	Female	963	59.28	12.14	59.96	13.60	
Physical Education Studies - Written	Persons	2107	62.69	11.83	61.77	13.02	0.72
	Male	1196	51.41	12.57	50.83	13.23	
	Female	985	52.97	12.82	52.14	13.48	
Physics - Written	Persons	2181	52.11	12.70	51.42	13.36	0.88
	Male	2340	55.03	17.84	54.43	18.91	
	Female	825	56.32	17.37	54.62	18.74	
Plant Production Systems - Written	Persons	3165	55.37	17.72	54.48	18.87	0.94
	Male	23	59.23	8.59	60.07	9.99	
	Female	31	62.39	10.96	61.62	10.58	
Polish - Written	Persons	54	61.05	10.06	60.96	10.27	0.86
	Male	0	N/A	N/A	N/A	N/A	
	Female	4	78.82	9.08	77.13	13.59	
Politics and Law - Written	Persons	4	78.82	9.08	77.13	13.59	0.96
	Male	319	57.69	13.87	56.94	15.04	
	Female	573	56.93	15.87	55.90	17.06	
Psychology - Written	Persons	892	57.20	15.18	56.27	16.37	0.87
	Male	517	47.24	12.95	46.14	15.34	
	Female	1589	53.28	12.56	52.44	13.51	
Religion and Life - Written	Persons	1	20.32	0.00	13.39	0.00	0.88
	Persons	2107	51.79	12.93	50.88	14.26	
	Male	444	56.21	10.84	54.48	13.56	
Russian - Written	Female	908	60.04	10.35	59.64	10.99	0.80
	Persons	1352	58.78	10.66	57.95	12.13	
	Male	1	67.94	0.00	64.88	0.00	
Turkish - Written	Female	1	63.44	0.00	60.88	0.00	1.00
	Persons	2	65.69	3.18	62.88	2.83	
	Male	0	N/A	N/A	N/A	N/A	
Visual Arts - Practical	Female	2	85.10	6.05	83.69	8.57	1.00
	Persons	2	85.10	6.05	83.69	8.57	
	Male	151	64.84	11.34	64.48	11.82	

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Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2018 (cont)

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			Mean	Std dev	Mean	Std dev	
Visual Arts - Written	Female	635	66.84	11.84	66.26	12.21	0.81
	Persons	786	66.46	11.77	65.91	12.15	
	Male	149	61.72	12.02	61.70	13.39	0.80
	Female	628	65.05	10.58	64.15	11.29	
	Persons	777	64.41	10.94	63.68	11.75	

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