

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, 2020

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Accounting and Finance - Written	Male	698	60.56	18.98	59.90	20.70	0.93
	Female	569	62.62	17.94	61.59	19.15	
	Persons	1267	61.48	18.55	60.66	20.03	
Ancient History - Written	Male	48	58.90	15.51	59.56	16.26	0.87
	Female	74	60.17	12.25	57.68	15.14	
	Persons	122	59.67	13.58	58.42	15.55	
Animal Production Systems - Written	Male	23	61.65	13.95	61.11	13.89	0.89
	Female	21	66.62	9.05	66.16	10.07	
	Persons	44	64.02	12.00	63.52	12.35	
Applied Information Technology - Written	Male	306	54.42	12.24	54.04	13.10	0.82
	Female	159	58.00	13.49	56.84	14.78	
	Persons	465	55.65	12.78	55.00	13.74	
Arabic - Written	Male	8	69.01	13.04	68.74	14.17	0.82
	Female	15	67.34	9.83	65.42	11.46	
	Persons	23	67.92	10.78	66.58	12.25	
Auslan - Written	Male	1	97.74	0.00	97.64	0.00	0.88
	Female	5	94.39	3.93	94.41	3.95	
	Persons	6	94.95	3.77	94.95	3.77	
Aviation - Practical	Male	21	80.83	12.42	80.88	12.80	0.59
	Female	3	71.61	5.26	70.90	5.11	
	Persons	24	79.67	12.09	79.63	12.49	
Aviation - Written	Male	21	61.98	11.41	61.42	12.29	0.87
	Female	3	52.25	1.96	50.90	8.80	
	Persons	24	60.76	11.15	60.11	12.28	
Biology - Written	Male	607	54.83	11.24	54.32	12.11	0.90
	Female	1151	55.90	11.19	55.15	11.85	
	Persons	1758	55.53	11.22	54.86	11.95	
Business Management and Enterprise - Written	Male	462	57.71	15.17	56.60	15.35	0.84
	Female	495	60.11	14.93	59.66	16.21	
	Persons	957	58.95	15.09	58.18	15.87	
Career and Enterprise - Written	Male	65	56.85	13.41	53.97	20.28	0.81
	Female	126	66.43	13.29	64.98	16.46	
	Persons	191	63.17	14.05	61.23	18.55	
Chemistry - Written	Male	2341	63.51	16.96	63.14	18.42	0.94
	Female	2120	63.04	17.07	62.27	18.59	
	Persons	4461	63.29	17.01	62.73	18.50	

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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, 2020 (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	2	63.54	4.70	47.63	18.12	0.69
	Female	107	63.20	9.16	62.76	9.67	
	Persons	109	63.20	9.09	62.48	9.95	
Chinese: Background Language - Written	Male	16	68.51	17.27	67.88	19.31	0.94
	Female	12	71.65	14.27	72.88	11.05	
	Persons	28	69.85	15.85	70.02	16.22	
Chinese: First Language - Written	Male	26	55.66	9.71	53.31	12.08	0.81
	Female	39	60.98	13.32	61.00	14.39	
	Persons	65	58.85	12.21	57.92	13.94	
Chinese: Second Language - Practical	Male	31	70.90	15.94	70.97	17.85	0.92
	Female	55	70.65	18.34	70.00	18.93	
	Persons	86	70.74	17.42	70.35	18.45	
Chinese: Second Language - Written	Male	32	53.27	16.98	53.10	16.72	0.95
	Female	56	57.65	21.27	55.75	23.05	
	Persons	88	56.06	19.83	54.79	20.91	
Computer Science - Written	Male	375	61.84	15.40	60.80	16.85	0.88
	Female	53	59.47	16.42	58.88	17.63	
	Persons	428	61.54	15.53	60.56	16.94	
Dance - Practical	Male	7	67.91	12.74	70.59	11.06	0.88
	Female	155	68.84	11.94	67.49	12.55	
	Persons	162	68.80	11.93	67.62	12.48	
Dance - Written	Male	5	54.35	14.13	51.24	16.61	0.89
	Female	160	58.46	14.33	57.46	15.93	
	Persons	165	58.34	14.30	57.27	15.93	
Design - Practical	Male	164	59.90	11.42	58.43	12.60	0.82
	Female	207	67.48	13.23	67.04	13.55	
	Persons	371	64.13	13.00	63.23	13.81	
Design - Written	Male	164	64.12	12.24	62.78	14.05	0.77
	Female	209	69.91	12.59	68.43	16.07	
	Persons	373	67.36	12.75	65.95	15.45	
Drama - Practical	Male	169	68.12	11.67	67.84	13.14	0.78
	Female	374	69.32	11.40	68.15	12.40	
	Other	1	48.80	0.00	45.89	0.00	
	Persons	544	68.91	11.51	68.02	12.65	
Drama - Written	Male	168	63.53	13.41	62.99	15.32	
	Female	379	69.16	11.89	68.03	13.50	

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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, 2020 (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	Other	1	64.86	0.00	54.69	0.00	0.80
	Persons	548	67.43	12.63	66.46	14.26	
	Male	87	49.32	10.59	48.31	13.60	
	Female	78	51.17	13.29	48.99	15.10	0.83
	Persons	165	50.19	11.94	48.63	14.29	
Economics - Written	Male	1124	58.89	14.89	58.72	15.58	0.89
	Female	798	60.01	14.92	58.42	16.44	
	Persons	1922	59.35	14.91	58.60	15.94	
Engineering Studies - Written	Male	213	61.83	15.82	57.78	17.53	0.87
	Female	15	59.39	13.33	53.28	17.36	
	Persons	228	61.67	15.65	57.48	17.52	
English - Written	Male	4555	55.35	9.47	55.00	11.25	0.72
	Female	5267	59.90	9.73	58.82	11.15	
	Other	1	63.96	0.00	60.00	0.00	
	Persons	9823	57.79	9.88	57.05	11.36	
English as an Additional Language or Dialect - Practical	Male	632	62.47	15.44	62.48	16.36	0.78
	Female	706	65.37	14.81	63.82	15.41	
	Persons	1338	64.00	15.18	63.18	15.87	
English as an Additional Language or Dialect - Written	Male	639	56.12	17.74	55.58	18.69	0.90
	Female	707	59.22	15.87	58.68	17.00	
	Persons	1346	57.75	16.85	57.21	17.89	
Food Science and Technology - Written	Male	15	54.12	16.49	50.79	15.80	0.86
	Female	156	60.70	13.40	60.01	14.41	
	Persons	171	60.12	13.77	59.20	14.72	
French: Background Language - Practical	Male	4	85.74	12.02	92.50	8.66	0.67
	Female	5	91.18	10.75	86.00	12.94	
	Persons	9	88.76	10.96	88.89	11.12	
French: Background Language - Written	Male	4	61.95	10.28	59.43	11.49	0.96
	Female	4	66.54	13.62	68.45	12.14	
	Persons	8	64.24	11.44	63.94	11.96	
French: Second Language - Practical	Male	84	72.91	13.73	72.82	14.51	0.89
	Female	245	76.41	14.02	75.94	14.77	
	Persons	329	75.52	14.01	75.14	14.74	
French: Second Language - Written	Male	85	62.07	11.18	61.48	11.72	0.94
	Female	246	63.51	12.28	63.09	12.90	
	Persons	331	63.14	12.01	62.68	12.61	

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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, 2020 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Geography - Written	Male	633	56.60	11.76	56.40	12.83	0.85
	Female	896	58.05	11.85	56.72	13.15	
	Persons	1529	57.45	11.83	56.59	13.02	
German: Second Language - Practical	Male	4	81.86	4.96	78.97	4.12	0.92
	Female	18	75.64	11.81	76.94	13.22	
	Persons	22	76.77	11.06	77.31	12.02	
German: Second Language - Written	Male	4	65.72	2.30	66.86	4.86	0.98
	Female	18	59.67	15.84	59.28	15.96	
	Persons	22	60.77	14.47	60.65	14.79	
Health Studies - Written	Male	122	48.96	13.85	48.69	15.86	0.84
	Female	459	54.37	13.79	53.15	14.53	
	Persons	581	53.24	13.97	52.22	14.92	
Hebrew - Written	Male	4	65.44	9.05	65.44	9.05	0.93
	Female	0	N/A	N/A	N/A	N/A	
	Persons	4	65.44	9.05	65.44	9.05	
Human Biology - Written	Male	1389	55.63	12.87	55.34	13.40	0.91
	Female	2990	56.58	13.08	55.74	13.95	
	Persons	4379	56.28	13.02	55.61	13.78	
Indonesian: First Language - Written	Male	2	41.94	21.04	43.00	27.58	0.95
	Female	1	56.82	0.00	50.00	0.00	
	Persons	3	46.90	17.18	45.33	19.91	
Indonesian: Second Language - Practical	Male	16	65.09	11.99	65.75	11.50	0.85
	Female	43	58.72	13.96	58.14	16.01	
	Persons	59	60.45	13.65	60.20	15.22	
Indonesian: Second Language - Written	Male	16	62.74	11.38	64.05	10.40	0.89
	Female	46	58.98	14.48	57.78	15.95	
	Persons	62	59.95	13.76	59.40	14.90	
Integrated Science - Written	Male	20	61.78	8.81	63.37	10.29	0.73
	Female	22	61.70	7.75	58.36	9.98	
	Persons	42	61.74	8.17	60.74	10.32	
Italian: Second Language - Practical	Male	55	64.73	17.90	63.64	20.66	0.89
	Female	159	68.58	18.84	68.27	19.31	
	Persons	214	67.59	18.64	67.08	19.72	
Italian: Second Language - Written	Male	55	60.49	15.44	59.89	16.87	0.93
	Female	159	62.96	16.52	62.03	17.65	
	Persons	214	62.33	16.25	61.48	17.44	

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Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Japanese: Second Language - Practical	Male	98	67.89	17.38	66.69	17.87	0.87
	Female	190	69.17	16.86	69.36	18.22	
	Persons	288	68.74	17.02	68.45	18.12	
Japanese: Second Language - Written	Male	100	65.63	16.36	65.36	17.16	0.96
	Female	193	65.29	17.28	64.40	18.03	
	Persons	293	65.41	16.94	64.73	17.71	
Literature - Written	Male	464	64.51	10.01	64.33	10.69	0.74
	Female	989	66.58	9.18	65.83	10.47	
	Persons	1453	65.92	9.50	65.35	10.56	
Marine and Maritime Studies - Written	Male	53	63.13	10.67	64.86	11.17	0.72
	Female	50	65.18	10.34	62.32	11.41	
	Persons	103	64.12	10.51	63.63	11.30	
Materials Design and Technology - Practical	Male	51	75.31	13.58	74.37	14.83	0.82
	Female	55	80.64	9.83	80.44	10.95	
	Persons	106	78.07	12.03	77.52	13.25	
Materials Design and Technology - Written	Male	51	69.36	11.50	66.63	13.87	0.80
	Female	55	72.86	11.00	69.29	13.91	
	Persons	106	71.17	11.33	68.01	13.89	
Mathematics Applications - Written	Male	3452	59.35	14.72	59.07	16.27	0.89
	Female	4160	59.34	14.67	58.23	15.91	
	Other	1	59.50	0.00	57.12	0.00	
	Persons	7613	59.34	14.69	58.61	16.08	
Mathematics Methods - Written	Male	2363	60.11	18.58	59.82	19.75	0.93
	Female	1730	57.02	17.89	55.39	19.40	
	Persons	4093	58.81	18.36	57.94	19.73	
Mathematics Specialist - Written	Male	1037	58.87	17.58	58.38	19.05	0.94
	Female	487	58.08	16.92	56.27	18.18	
	Persons	1524	58.62	17.37	57.71	18.80	
Media Production and Analysis - Practical	Male	214	66.06	11.36	65.40	12.49	0.80
	Female	254	65.96	11.48	64.98	12.26	
	Other	1	68.32	0.00	65.71	0.00	
	Persons	469	66.01	11.40	65.17	12.34	
Media Production and Analysis - Written	Male	210	60.37	11.46	59.49	14.12	0.74
	Female	248	64.20	11.57	62.35	15.07	
	Other	1	53.54	0.00	43.64	0.00	
	Persons	459	62.42	11.66	61.00	14.70	

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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, 2020 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Modern Greek - Written	Male	1	77.75	0.00	65.50	0.00	N/A
	Female	0	N/A	N/A	N/A	N/A	
	Persons	1	77.75	0.00	65.50	0.00	
Modern History - Written	Male	607	61.22	11.26	60.45	13.42	0.84
	Female	1124	62.63	12.09	61.50	13.67	
	Persons	1731	62.13	11.82	61.13	13.59	
Music - Practical	Male	138	70.10	14.01	69.02	15.67	0.83
	Female	159	70.00	13.58	67.88	14.92	
	Persons	297	70.05	13.76	68.41	15.26	
Music - Written	Male	135	59.84	14.53	59.05	15.48	0.95
	Female	159	57.17	16.08	56.22	16.75	
	Persons	294	58.39	15.42	57.52	16.21	
Outdoor Education - Written	Male	67	56.59	10.44	56.08	11.03	0.86
	Female	66	59.45	11.07	58.43	11.97	
	Persons	133	58.01	10.81	57.25	11.52	
Philosophy and Ethics - Written	Male	113	61.36	10.06	60.96	11.45	0.81
	Female	98	60.07	9.80	58.70	11.87	
	Persons	211	60.76	9.94	59.91	11.67	
Physical Education Studies - Practical	Male	902	64.45	11.75	62.68	13.68	0.74
	Female	731	60.29	13.12	60.25	14.43	
	Persons	1633	62.59	12.55	61.59	14.07	
Physical Education Studies - Written	Male	943	60.57	12.68	60.58	13.00	0.87
	Female	770	62.48	12.39	61.36	13.13	
	Persons	1713	61.43	12.58	60.93	13.06	
Physics - Written	Male	2106	59.54	18.12	59.32	19.24	0.94
	Female	755	57.80	17.50	55.90	18.43	
	Persons	2861	59.08	17.97	58.42	19.08	
Plant Production Systems - Written	Male	21	59.96	11.09	61.21	12.42	0.84
	Female	22	63.92	9.34	62.52	8.87	
	Persons	43	61.98	10.31	61.88	10.64	
Politics and Law - Written	Male	292	60.16	14.12	59.10	16.36	0.86
	Female	502	60.74	14.34	59.28	16.61	
	Persons	794	60.53	14.25	59.22	16.51	
Psychology - Written	Male	400	46.38	13.89	45.93	15.34	0.88
	Female	1439	51.28	13.36	50.07	14.52	
	Persons	1839	50.21	13.62	49.17	14.80	

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Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Religion and Life - Written	Male	365	56.27	10.96	55.19	12.15	0.82
	Female	794	59.76	10.28	59.06	11.24	
	Persons	1159	58.66	10.62	57.84	11.67	
Russian - Written	Male	2	52.54	7.21	48.57	6.63	0.99
	Female	3	65.94	10.94	61.88	8.49	
	Persons	5	60.58	11.26	56.55	10.01	
Turkish - Written	Male	3	56.27	29.25	53.92	31.48	0.97
	Female	1	41.10	0.00	45.25	0.00	
	Persons	4	52.48	25.06	51.75	26.07	
Visual Arts - Practical	Male	107	63.13	11.22	64.28	11.18	0.81
	Female	531	66.52	11.74	65.72	12.58	
	Persons	638	65.95	11.72	65.48	12.36	
Visual Arts - Written	Male	105	61.41	9.74	61.43	10.25	0.76
	Female	521	64.53	10.52	63.26	12.70	
	Persons	626	64.01	10.45	62.95	12.33	

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