

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 sex, 2016

Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Accounting and Finance - Written	Male	735	64.85	16.15	64.26	17.90	0.91
	Female	751	64.82	16.14	64.25	16.94	
	Persons	1486	64.84	16.14	64.25	17.42	
Ancient History - Written	Male	74	59.54	15.51	59.54	16.88	0.87
	Female	110	54.54	15.40	53.00	16.13	
	Persons	184	56.55	15.60	55.63	16.70	
Animal Production Systems - Written	Male	28	59.05	13.20	59.17	13.98	0.84
	Female	25	62.64	13.28	62.07	14.07	
	Persons	53	60.74	13.23	60.54	13.96	
Applied Information Technology - Written	Male	423	59.39	13.71	58.71	15.06	0.82
	Female	225	63.68	14.14	62.37	15.35	
	Persons	648	60.88	14.00	59.98	15.25	
Arabic - Written	Male	6	71.67	11.49	68.96	11.62	0.77
	Female	10	67.24	10.79	66.19	13.02	
	Persons	16	68.90	10.90	67.23	12.19	
Aviation - Practical	Male	46	71.41	12.69	70.30	15.58	0.81
	Female	5	58.67	20.07	57.06	19.35	
	Persons	51	70.16	13.85	69.00	16.25	
Aviation - Written	Male	47	46.45	14.81	45.47	15.79	0.94
	Female	4	42.42	19.42	43.20	19.09	
	Persons	51	46.13	15.02	45.29	15.86	
Biology - Written	Male	668	62.95	12.93	63.08	14.42	0.92
	Female	1154	66.92	13.00	66.31	13.93	
	Persons	1822	65.47	13.11	65.13	14.19	
Business Management and Enterprise - Written	Male	442	52.59	14.77	51.22	16.07	0.81
	Female	488	55.16	15.28	54.44	16.15	
	Persons	930	53.94	15.09	52.91	16.18	
Career and Enterprise - Written	Male	56	60.64	11.35	59.80	11.94	0.77
	Female	111	66.24	11.55	66.01	12.15	
	Persons	167	64.36	11.76	63.92	12.40	
Chemistry - Written	Male	2638	59.50	17.12	59.00	18.47	0.94
	Female	2358	59.43	16.94	58.43	18.46	
	Persons	4996	59.47	17.04	58.73	18.47	
Children, Family and the Community - Written	Male	1	39.65	0.00	40.64	0.00	0.80
	Female	120	70.23	11.32	70.01	11.80	
	Persons	121	69.98	11.61	69.77	12.06	

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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 sex, 2016 (cont)

Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Chinese: Background Language - Written	Male	7	70.91	12.26	68.50	12.98	0.95
	Female	8	77.66	14.40	79.50	12.31	
	Persons	15	74.51	13.43	74.37	13.43	
Chinese: First Language - Written	Male	18	60.18	10.71	58.03	10.17	0.82
	Female	28	62.82	8.28	64.14	8.23	
	Persons	46	61.79	9.28	61.75	9.43	
Chinese: Second Language - Practical	Male	23	72.55	15.99	74.09	19.68	0.90
	Female	42	69.91	17.71	68.05	18.87	
	Persons	65	70.84	17.04	70.18	19.23	
Chinese: Second Language - Written	Male	23	63.32	18.98	61.17	18.72	0.97
	Female	42	61.77	19.90	61.91	21.00	
	Persons	65	62.32	19.45	61.65	20.07	
Computer Science - Written	Male	374	61.41	15.20	60.22	17.23	0.88
	Female	70	61.52	15.28	59.78	16.64	
	Persons	444	61.43	15.20	60.15	17.12	
Dance - Practical	Male	8	72.97	12.64	77.78	12.20	0.80
	Female	188	68.15	12.86	67.19	13.65	
	Persons	196	68.35	12.86	67.62	13.73	
Dance - Written	Male	9	53.90	18.77	54.62	22.59	0.85
	Female	192	62.40	14.28	61.44	16.06	
	Persons	201	62.02	14.55	61.13	16.40	
Design - Practical	Male	210	60.26	13.02	59.59	13.40	0.81
	Female	208	65.86	13.53	64.61	14.43	
	Persons	418	63.05	13.56	62.09	14.13	
Design - Written	Male	207	63.20	11.62	62.93	12.58	0.78
	Female	207	71.08	12.04	70.62	12.81	
	Persons	414	67.14	12.45	66.77	13.25	
Drama - Practical	Male	268	65.96	12.72	65.69	14.06	0.83
	Female	527	67.37	12.75	66.50	13.76	
	Persons	795	66.89	12.75	66.23	13.85	
Drama - Written	Male	268	54.08	14.24	52.08	15.97	0.83
	Female	534	58.74	15.02	58.15	15.90	
	Persons	802	57.19	14.91	56.12	16.17	
Earth and Environmental Science - Written	Male	154	56.15	11.30	56.26	13.48	0.86
	Female	118	56.78	16.54	55.27	16.52	
	Persons	272	56.42	13.80	55.83	14.85	

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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 sex, 2016 (cont)

Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Economics - Written	Male	1179	59.37	16.52	58.95	18.04	0.91
	Female	967	60.47	16.83	59.42	18.24	
	Persons	2146	59.86	16.67	59.16	18.12	
Engineering Studies - Written	Male	223	63.03	17.54	62.01	20.18	0.87
	Female	9	60.90	20.21	57.33	28.42	
	Persons	232	62.95	17.60	61.83	20.50	
English - Written	Male	5343	57.57	10.23	57.45	11.92	0.72
	Female	5944	61.89	10.18	60.59	12.02	
	Persons	11287	59.84	10.43	59.10	12.07	
English as an Additional Language or Dialect - Practical	Male	683	63.54	14.69	63.46	15.72	0.77
	Female	782	65.87	13.42	64.90	15.13	
	Persons	1465	64.78	14.07	64.23	15.42	
English as an Additional Language or Dialect - Written	Male	690	60.82	15.92	60.35	16.41	0.88
	Female	785	64.54	13.44	63.94	14.62	
	Persons	1475	62.80	14.76	62.26	15.58	
Food Science and Technology - Written	Male	33	41.55	14.22	41.72	15.23	0.90
	Female	163	54.61	14.86	53.52	16.25	
	Persons	196	52.41	15.51	51.53	16.65	
French: Second Language - Practical	Male	114	69.65	16.77	70.21	17.79	0.88
	Female	305	71.56	16.32	70.64	18.05	
	Persons	419	71.04	16.44	70.52	17.96	
French: Second Language - Written	Male	115	61.41	16.10	61.07	16.60	0.94
	Female	305	61.75	14.91	61.06	16.19	
	Persons	420	61.66	15.23	61.06	16.29	
Geography - Written	Male	880	58.77	11.22	59.01	12.28	0.83
	Female	1033	60.67	12.16	59.19	13.63	
	Persons	1913	59.80	11.78	59.10	13.03	
German: Second Language - Practical	Male	12	54.00	21.57	53.16	22.15	0.93
	Female	28	58.39	19.82	57.99	20.71	
	Persons	40	57.07	20.19	56.54	20.99	
German: Second Language - Written	Male	12	49.86	14.33	48.71	15.73	0.96
	Female	28	53.16	13.37	52.84	13.48	
	Persons	40	52.17	13.56	51.60	14.11	
Health Studies - Written	Male	143	55.30	13.93	55.86	15.61	0.84
	Female	437	63.30	14.32	62.08	15.72	
	Persons	580	61.33	14.63	60.55	15.91	

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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 sex, 2016 (cont)

Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Hebrew - Written	Male	0	N/A	N/A	N/A	N/A	0.89
	Female	3	72.80	2.96	72.80	2.96	
	Persons	3	72.80	2.96	72.80	2.96	
Human Biology - Written	Male	1439	58.73	12.57	58.83	13.29	0.91
	Female	3269	60.99	13.08	60.08	14.04	
	Persons	4708	60.30	12.97	59.70	13.82	
Indonesian: Second Language - Practical	Male	31	56.48	19.57	54.65	19.15	0.92
	Female	46	60.19	17.08	60.00	18.24	
	Persons	77	58.70	18.09	57.84	18.67	
Indonesian: Second Language - Written	Male	30	56.53	14.75	55.47	15.99	0.92
	Female	47	61.17	15.37	61.21	16.27	
	Persons	77	59.37	15.21	58.97	16.30	
Integrated Science - Written	Male	40	47.91	10.02	48.53	12.04	0.82
	Female	58	49.48	12.20	47.59	12.79	
	Persons	98	48.84	11.33	47.97	12.44	
Italian: Second Language - Practical	Male	53	62.22	16.09	62.77	18.04	0.85
	Female	213	66.90	18.11	65.70	19.66	
	Persons	266	65.97	17.80	65.12	19.35	
Italian: Second Language - Written	Male	53	53.10	11.01	52.54	11.90	0.94
	Female	213	55.92	13.53	55.03	13.78	
	Persons	266	55.36	13.10	54.53	13.44	
Japanese: Second Language - Practical	Male	107	67.98	16.48	67.83	17.67	0.89
	Female	178	70.11	18.70	68.95	19.34	
	Persons	285	69.31	17.90	68.53	18.70	
Japanese: Second Language - Written	Male	108	60.26	18.26	59.49	20.13	0.96
	Female	180	62.07	19.12	60.23	20.34	
	Persons	288	61.39	18.79	59.95	20.23	
Literature - Written	Male	487	67.44	9.73	66.82	10.11	0.71
	Female	1119	67.35	8.40	66.79	9.56	
	Persons	1606	67.38	8.82	66.80	9.73	
Marine and Maritime Studies - Written	Male	26	59.75	9.26	59.53	11.40	0.80
	Female	36	66.16	11.22	64.49	14.27	
	Persons	62	63.47	10.84	62.41	13.27	
Materials Design and Technology - Practical	Male	123	63.02	16.59	61.53	17.78	0.86
	Female	96	76.31	11.63	75.74	12.89	
	Persons	219	68.84	16.02	67.76	17.30	

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			Mean	Std dev	Mean	Std dev	
Materials Design and Technology - Written	Male	119	60.58	9.04	62.09	12.10	0.70
	Female	94	71.80	9.22	67.29	9.48	
	Persons	213	65.54	10.67	64.39	11.30	
Mathematics Applications - Written	Male	4060	64.23	13.69	64.04	15.22	0.90
	Female	4807	64.25	13.75	63.40	14.65	
	Persons	8867	64.25	13.72	63.69	14.92	
Mathematics Methods - Written	Male	2592	65.26	17.61	64.70	18.63	0.94
	Female	1947	64.25	17.32	63.42	18.55	
	Persons	4539	64.83	17.49	64.15	18.60	
Mathematics Specialist - Written	Male	1005	64.12	18.60	63.86	19.97	0.94
	Female	422	66.29	17.53	64.78	19.10	
	Persons	1427	64.77	18.31	64.13	19.71	
Media Production and Analysis - Practical	Male	346	63.52	12.96	63.53	14.17	0.77
	Female	453	66.19	11.72	64.42	12.87	
	Persons	799	65.03	12.34	64.04	13.45	
Media Production and Analysis - Written	Male	340	58.64	12.82	57.80	15.67	0.76
	Female	448	63.87	12.54	62.60	14.79	
	Persons	788	61.62	12.92	60.53	15.35	
Modern Greek - Written	Male	2	90.64	2.11	90.17	1.89	0.93
	Female	2	78.63	2.45	79.33	7.07	
	Persons	4	84.63	7.18	84.75	7.55	
Modern History - Written	Male	799	60.16	11.76	60.09	13.43	0.82
	Female	1496	61.48	12.20	60.20	13.99	
	Persons	2295	61.02	12.06	60.16	13.80	
Music - Practical	Male	173	70.10	15.52	68.59	16.75	0.83
	Female	198	66.26	14.91	66.03	16.42	
	Persons	371	68.05	15.30	67.23	16.60	
Music - Written	Male	173	54.82	17.93	53.83	18.80	0.94
	Female	201	51.47	15.70	49.20	16.95	
	Persons	374	53.02	16.83	51.34	17.96	
Outdoor Education - Written	Male	152	60.64	11.91	60.10	13.71	0.80
	Female	176	63.64	11.39	62.14	13.36	
	Persons	328	62.25	11.71	61.19	13.54	
Philosophy and Ethics - Written	Male	114	58.48	12.09	57.17	11.61	0.82
	Female	81	57.31	11.62	56.24	13.87	
	Persons	195	57.99	11.88	56.78	12.57	

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Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Physical Education Studies - Practical	Male	1262	66.08	11.47	63.90	14.81	0.65
	Female	1041	58.33	13.05	57.34	16.36	
	Persons	2303	62.57	12.80	60.94	15.87	
Physical Education Studies - Written	Male	1330	51.39	13.06	51.39	14.06	0.88
	Female	1076	53.20	12.76	51.49	13.57	
	Persons	2406	52.20	12.96	51.44	13.84	
Physics - Written	Male	2489	62.30	17.07	62.32	18.22	0.93
	Female	1003	62.41	16.99	60.61	18.42	
	Persons	3492	62.34	17.05	61.83	18.29	
Plant Production Systems - Written	Male	27	59.69	12.57	60.41	13.48	0.88
	Female	19	64.64	9.79	63.54	8.91	
	Persons	46	61.73	11.65	61.70	11.80	
Polish - Written	Male	1	85.50	0.00	85.00	0.00	0.78
	Female	2	88.67	0.59	86.84	1.89	
	Persons	3	87.61	1.88	86.22	1.70	
Politics and Law - Written	Male	346	58.79	13.92	58.13	16.17	0.86
	Female	557	62.39	14.09	61.31	14.89	
	Persons	903	61.01	14.13	60.09	15.46	
Psychology - Written	Male	386	55.36	14.91	54.71	17.39	0.85
	Female	1335	62.85	13.75	61.97	15.10	
	Persons	1721	61.17	14.36	60.34	15.92	
Religion and Life - Written	Male	694	52.54	10.32	51.49	11.53	0.79
	Female	1301	56.99	9.74	56.26	10.55	
	Persons	1995	55.44	10.17	54.60	11.13	
Russian (continuers) - Written	Male	1	87.94	0.00	93.88	0.00	1.00
	Female	1	71.50	0.00	77.00	0.00	
	Persons	2	79.72	11.62	85.44	11.94	
Turkish - Written	Male	0	N/A	N/A	N/A	N/A	N/A
	Female	1	61.94	0.00	63.88	0.00	
	Persons	1	61.94	0.00	63.88	0.00	
Visual Arts - Practical	Male	152	64.17	12.74	64.27	13.40	0.80
	Female	704	65.27	12.76	64.39	13.53	
	Persons	856	65.08	12.76	64.37	13.50	
Visual Arts - Written	Male	152	57.69	11.39	56.11	12.94	0.79
	Female	694	62.45	11.38	61.94	12.56	
	Persons	846	61.59	11.52	60.89	12.82	

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