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, 2017

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Accounting and Finance - Written	Male	818	66.63	17.63	66.64	19.89	
	Female	713	68.41	16.41	66.94	18.16	
	Persons	1531	67.46	17.09	66.78	19.10	0.92
Ancient History - Written	Male	59	55.70	15.28	55.64	16.02	
	Female	93	59.94	15.95	58.51	18.25	
	Persons	152	58.29	15.78	57.40	17.42	0.90
Animal Production Systems - Written	Male	21	61.47	11.98	60.55	11.76	
	Female	28	61.29	9.26	61.20	10.05	
	Persons	49	61.37	10.39	60.92	10.70	0.83
Applied Information Technology - Written	Male	442	58.01	12.96	57.76	14.21	
	Female	232	62.85	14.30	60.71	16.09	
	Persons	674	59.68	13.62	58.78	14.94	0.77
Arabic - Written	Male	5	56.23	22.36	59.93	23.49	
	Female	13	72.29	8.79	69.69	13.10	
	Persons	18	67.83	15.06	66.98	16.47	0.90
Aviation - Practical	Male	16	76.15	13.12	75.22	15.45	
	Female	4	77.82	4.82	79.68	6.36	
	Persons	20	76.48	11.83	76.11	14.08	0.78
Aviation - Written	Male	16	58.07	14.74	57.37	15.20	
	Female	4	57.45	12.44	59.21	11.76	
	Persons	20	57.94	14.00	57.74	14.31	0.87
Biology - Written	Male	617	60.87	12.09	60.93	12.90	
	Female	1193	62.45	12.84	61.67	13.56	
	Persons	1810	61.91	12.61	61.42	13.34	0.91
Business Management and Enterprise - Written	Male	428	60.59	14.91	60.03	16.02	
	Female	518	61.16	13.64	60.65	14.60	
	Persons	946	60.90	14.23	60.37	15.25	0.82
Career and Enterprise - Written	Male	46	58.72	14.18	57.40	18.68	
	Female	96	63.21	14.58	61.64	14.91	
	Persons	142	61.76	14.56	60.27	16.28	0.70
Chemistry - Written	Male	2632	58.57	16.61	58.22	17.35	
	Female	2375	57.98	16.61	57.01	17.59	
	Persons	5007	58.29	16.61	57.65	17.48	0.94
Children, Family and the Community - Written	Male	2	74.52	10.18	68.19	9.12	
	Female	143	65.83	10.57	65.36	11.00	
	Persons	145	65.95	10.58	65.40	10.96	0.77

* 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, 2017 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Chinese: Background Language - Written	Male	2	59.74	14.16	60.50	11.31	
	Female	5	61.09	7.78	62.30	9.74	
	Persons	7	60.70	8.62	61.79	9.24	0.63
Chinese: First Language - Written	Male	35	54.59	7.88	53.76	7.88	
	Female	31	60.88	7.07	61.18	8.55	
	Persons	66	57.55	8.09	57.24	8.95	0.74
Chinese: Second Language - Practical	Male	26	73.47	17.39	73.31	18.49	
	Female	42	72.50	14.80	71.48	14.97	
	Persons	68	72.87	15.72	72.18	16.29	0.92
Chinese: Second Language - Written	Male	26	66.44	19.49	66.60	21.46	
	Female	40	68.11	18.05	66.50	19.33	
	Persons	66	67.45	18.50	66.54	20.03	0.96
Computer Science - Written	Male	334	61.76	15.87	61.04	16.91	
	Female	55	58.48	15.39	57.52	16.33	
	Persons	389	61.30	15.82	60.54	16.86	0.92
Dance - Practical	Male	5	71.66	10.07	67.54	3.92	
	Female	211	65.54	11.98	64.60	13.12	
	Persons	216	65.68	11.95	64.67	12.99	0.83
Dance - Written	Male	5	45.92	22.59	37.47	19.29	
	Female	220	59.43	14.49	58.23	16.46	
	Persons	225	59.13	14.77	57.77	16.76	0.86
Design - Practical	Male	200	62.79	15.39	62.75	16.05	
	Female	180	66.28	14.42	65.58	15.06	
	Persons	380	64.44	15.02	64.09	15.63	0.80
Design - Written	Male	199	56.31	13.67	55.93	15.03	
	Female	180	63.19	14.14	61.06	16.71	
	Persons	379	59.57	14.29	58.36	16.04	0.79
Drama - Practical	Male	215	69.37	12.12	69.85	13.11	
	Female	490	69.46	12.35	68.73	13.35	
	Persons	705	69.43	12.27	69.07	13.28	0.82
Drama - Written	Male	214	56.80	13.52	55.90	14.76	
	Female	491	63.43	13.58	62.42	14.77	
	Persons	705	61.42	13.89	60.44	15.06	0.80
Earth and Environmental Science - Written	Male	94	56.77	8.99	56.93	10.08	
	Female	90	61.51	13.06	59.98	13.91	
	Persons	184	59.09	11.39	58.42	12.17	0.86

* 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, 2017 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Economics - Written	Male	1264	59.32	17.02	58.90	18.72	
	Female	878	60.18	17.76	59.07	19.18	
	Persons	2142	59.67	17.33	58.97	18.90	0.91
Engineering Studies - Written	Male	169	61.13	16.44	60.55	18.84	
	Female	9	62.58	18.99	56.86	17.99	
	Persons	178	61.20	16.52	60.37	18.77	0.85
English - Written	Male	5161	57.50	9.54	57.34	10.95	
	Female	6000	61.87	9.94	60.98	11.26	
	Persons	11161	59.85	10.00	59.30	11.26	0.73
English as an Additional Language or Dialect - Practical	Male	699	61.04	15.09	61.15	15.71	
	Female	790	64.04	13.66	62.91	14.73	
	Persons	1489	62.64	14.42	62.09	15.22	0.74
English as an Additional Language or Dialect - Written	Male	699	58.02	15.45	58.11	15.79	
	Female	793	61.51	13.92	60.38	14.39	
	Persons	1492	59.87	14.75	59.32	15.10	0.89
Food Science and Technology - Written	Male	34	55.07	13.52	57.22	16.37	
	Female	183	61.45	12.08	60.10	13.04	
	Persons	217	60.45	12.50	59.65	13.62	0.82
French: Second Language - Practical	Male	87	73.64	15.23	73.37	16.49	
	Female	256	77.71	13.37	77.36	14.16	
	Persons	343	76.68	13.95	76.35	14.86	0.88
French: Second Language - Written	Male	87	60.31	14.63	59.75	15.88	
	Female	258	62.55	13.80	61.82	14.75	
	Persons	345	61.98	14.03	61.30	15.05	0.94
Geography - Written	Male	785	57.55	11.18	57.60	12.45	
	Female	1050	60.59	12.25	59.69	12.97	
	Persons	1835	59.29	11.90	58.79	12.79	0.86
German: Second Language - Practical	Male	7	63.13	11.12	60.98	8.90	
	Female	22	74.11	13.85	75.52	14.88	
	Persons	29	71.46	13.90	72.01	14.94	0.81
German: Second Language - Written	Male	7	60.15	9.15	56.55	8.22	
	Female	22	59.80	13.33	59.76	13.54	
	Persons	29	59.89	12.30	58.99	12.41	0.92
Health Studies - Written	Male	146	49.41	14.15	49.79	15.86	
	Female	498	56.58	13.46	55.01	14.70	
	Persons	644	54.95	13.93	53.82	15.12	0.81

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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, 2017 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Hebrew - Written	Male	1	55.68	0.00	62.88	0.00	
	Female	5	73.25	3.04	71.80	7.55	
	Persons	6	70.32	7.67	70.32	7.67	0.66
Human Biology - Written	Male	1508	60.05	13.19	59.61	14.27	
	Female	3353	61.55	13.63	61.02	14.34	
	Persons	4861	61.08	13.51	60.58	14.33	0.91
Indonesian: First Language - Written	Male	0	N/A	N/A	N/A	N/A	
	Female	1	34.25	0.00	25.50	0.00	
	Persons	1	34.25	0.00	25.50	0.00	N/A
Indonesian: Second Language - Practical	Male	30	63.51	16.78	64.07	18.08	
	Female	31	64.36	14.93	62.45	16.10	
	Persons	61	63.94	15.74	63.25	16.98	0.90
Indonesian: Second Language - Written	Male	31	63.46	17.91	63.11	19.65	
	Female	31	68.12	17.66	66.40	19.73	
	Persons	62	65.79	17.79	64.76	19.60	0.93
Integrated Science - Written	Male	47	60.41	8.45	60.90	8.83	
	Female	39	61.68	11.17	60.46	11.00	
	Persons	86	60.99	9.74	60.70	9.82	0.83
Italian: Second Language - Practical	Male	47	61.55	19.35	60.45	18.78	
	Female	217	69.10	16.96	68.61	18.79	
	Persons	264	67.75	17.61	67.16	19.02	0.88
Italian: Second Language - Written	Male	47	63.44	14.11	61.60	15.13	
	Female	217	67.04	12.63	66.76	13.56	
	Persons	264	66.40	12.95	65.84	13.97	0.93
Japanese: Background Language - Written	Male	0	N/A	N/A	N/A	N/A	
	Female	1	58.00	0.00	46.00	0.00	
	Persons	1	58.00	0.00	46.00	0.00	N/A
Japanese: Second Language - Practical	Male	88	59.65	17.93	60.68	19.78	
	Female	164	69.27	17.97	67.99	19.26	
	Persons	252	65.91	18.50	65.43	19.72	0.88
Japanese: Second Language - Written	Male	88	54.95	20.98	53.51	21.90	
	Female	162	60.81	19.13	59.97	20.16	
	Persons	250	58.75	19.96	57.69	20.97	0.97
Literature - Written	Male	459	67.09	9.31	66.68	10.09	
	Female	1059	68.12	9.34	67.53	10.97	
	Persons	1518	67.81	9.34	67.27	10.71	0.74

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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, 2017 (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	56	60.50	12.22	60.78	12.82	
	Female	42	63.54	12.07	61.16	12.24	
	Persons	98	61.80	12.18	60.94	12.51	0.80
Materials Design and Technology - Practical	Male	117	71.10	13.72	70.76	14.35	
	Female	83	78.98	12.14	78.66	12.14	
	Persons	200	74.37	13.62	74.04	14.00	0.83
Materials Design and Technology - Written	Male	117	62.97	8.60	64.13	10.83	
	Female	83	63.95	10.05	60.89	11.82	
	Persons	200	63.38	9.22	62.79	11.34	0.74
Mathematics Applications - Written	Male	4154	61.60	14.65	61.20	16.55	
	Female	4837	61.83	14.83	60.73	15.79	
	Persons	8991	61.73	14.75	60.95	16.14	0.90
Mathematics Methods - Written	Male	2457	70.29	16.47	69.91	17.62	
	Female	1871	69.32	15.85	68.66	17.23	
	Persons	4328	69.87	16.21	69.37	17.46	0.93
Mathematics Specialist - Written	Male	988	64.49	16.44	64.21	17.35	
	Female	474	64.98	16.20	63.49	17.44	
	Persons	1462	64.65	16.36	63.98	17.38	0.93
Media Production and Analysis - Practical	Male	260	65.70	12.41	64.85	13.17	
	Female	387	67.03	11.77	66.75	12.09	
	Persons	647	66.49	12.04	65.99	12.56	0.74
Media Production and Analysis - Written	Male	253	59.70	10.89	58.14	12.70	
	Female	386	63.15	11.59	62.84	13.28	
	Persons	639	61.78	11.43	60.98	13.25	0.75
Modern Greek - Written	Male	2	83.59	0.00	85.67	0.71	
	Female	0	N/A	N/A	N/A	N/A	
	Persons	2	83.59	0.00	85.67	0.71	N/A
Modern History - Written	Male	728	58.54	11.46	57.87	12.31	
	Female	1450	60.19	10.78	59.37	12.26	
	Persons	2178	59.64	11.04	58.87	12.30	0.83
Music - Practical	Male	142	66.92	14.22	66.23	15.77	
	Female	218	67.68	14.65	66.82	16.03	
	Persons	360	67.38	14.47	66.59	15.91	0.86
Music - Written	Male	142	56.87	18.86	55.49	20.09	
	Female	218	57.05	15.08	56.29	15.96	
	Persons	360	56.98	16.65	55.97	17.68	0.95

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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, 2017 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Outdoor Education - Written	Male	143	55.82	14.36	55.06	16.11	
	Female	176	60.97	12.93	60.10	14.08	
	Persons	319	58.66	13.81	57.84	15.21	0.88
Philosophy and Ethics - Written	Male	94	64.84	13.01	63.41	15.85	
	Female	102	65.77	11.61	65.23	12.12	
	Persons	196	65.32	12.28	64.36	14.02	0.82
Physical Education Studies - Practical	Male	1176	65.05	10.94	59.69	17.74	
	Female	1015	58.30	12.51	56.27	17.78	
	Persons	2191	61.92	12.17	58.10	17.84	0.44
Physical Education Studies - Written	Male	1221	55.02	13.29	54.44	14.26	
	Female	1054	55.23	13.24	54.38	13.65	
	Persons	2275	55.11	13.26	54.41	13.98	0.88
Physics - Written	Male	2376	58.65	17.65	58.36	18.98	
	Female	928	58.20	17.84	56.06	19.01	
	Persons	3304	58.53	17.70	57.71	19.02	0.94
Plant Production Systems - Written	Male	23	60.01	13.40	58.80	20.29	
	Female	30	61.90	9.75	60.36	10.73	
	Persons	53	61.08	11.39	59.68	15.46	0.84
Polish - Written	Male	0	N/A	N/A	N/A	N/A	
	Female	1	92.25	0.00	92.50	0.00	
	Persons	1	92.25	0.00	92.50	0.00	N/A
Politics and Law - Written	Male	313	54.42	15.99	53.13	17.98	
	Female	554	56.61	15.31	55.65	17.00	
	Persons	867	55.82	15.58	54.74	17.39	0.88
Psychology - Written	Male	448	54.35	13.60	54.44	15.11	
	Female	1468	59.69	13.52	58.65	14.79	
	Persons	1916	58.44	13.72	57.67	14.97	0.88
Religion and Life - Written	Male	596	52.79	10.93	51.34	12.95	
	Female	1151	55.83	10.14	55.04	11.25	
	Persons	1747	54.79	10.51	53.78	11.98	0.78
Turkish - Written	Male	2	72.06	3.87	72.25	5.30	
	Female	1	89.38	0.00	89.00	0.00	
	Persons	3	77.83	10.37	77.83	10.37	0.99
Visual Arts - Practical	Male	150	63.74	13.39	63.98	13.79	
	Female	702	64.57	13.38	63.64	13.99	
	Persons	852	64.42	13.38	63.70	13.95	0.82

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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, 2017 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Visual Arts - Written	Male	145	57.57	10.26	56.06	12.48	
	Female	691	62.85	12.42	62.19	13.80	
	Persons	836	61.94	12.23	61.13	13.77	0.77

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