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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, 2019

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Accounting and Finance - Written	Male	683	62.28	17.66	61.69	19.51	
	Female	526	63.06	16.96	61.99	18.67	
	Persons	1209	62.62	17.35	61.82	19.15	0.93
Ancient History - Written	Male	68	61.85	12.08	60.05	15.70	
	Female	70	63.06	10.28	60.53	14.63	
	Persons	138	62.46	11.18	60.30	15.11	0.77
Animal Production Systems - Written	Male	18	60.32	15.58	59.14	16.15	
	Female	27	57.83	14.82	57.40	15.53	
	Persons	45	58.82	15.00	58.09	15.62	0.91
Applied Information Technology - Written	Male	388	69.43	12.21	68.68	14.84	
	Female	178	73.26	12.53	72.02	14.80	
	Persons	566	70.63	12.43	69.73	14.89	0.82
Arabic - Written	Male	6	61.82	15.10	61.02	14.77	
	Female	9	72.20	6.81	70.72	9.48	
	Persons	15	68.05	11.65	66.84	12.39	0.87
Auslan - Written	Male	2	92.25	5.08	93.98	0.65	
	Female	5	91.78	6.58	89.02	7.82	
	Persons	7	91.92	5.76	90.44	6.83	0.43
Aviation - Practical	Male	22	83.72	7.01	83.72	8.46	
	Female	3	87.91	6.14	81.47	13.50	
	Persons	25	84.23	6.93	83.45	8.85	0.48
Aviation - Written	Male	22	62.93	8.95	63.33	9.02	
	Female	4	63.56	5.24	61.71	5.26	
	Persons	26	63.03	8.40	63.08	8.49	0.86
Biology - Written	Male	608	54.24	11.99	54.33	12.80	
	Female	1161	55.68	11.94	54.79	12.52	
	Persons	1769	55.19	11.98	54.63	12.62	0.92
Business Management and Enterprise - Written	Male	397	55.49	15.97	54.10	17.47	
	Female	476	60.54	14.34	60.40	14.64	
	Persons	873	58.24	15.30	57.53	16.29	0.86
Career and Enterprise - Written	Male	56	59.23	15.27	59.53	16.95	
	Female	70	62.70	13.71	59.82	16.82	
	Persons	126	61.16	14.47	59.69	16.81	0.81
Chemistry - Written	Male	2375	59.01	16.87	58.74	17.65	
	Female	2172	57.81	16.02	56.85	16.50	
	Persons	4547	58.43	16.48	57.84	17.14	0.94

* 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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Table 4.12   Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients* for ATAR course examinations, by gender, 2019 (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	1	29.22	0.00	25.26	0.00	
	Female	117	61.88	11.71	60.67	13.49	
	Persons	118	61.60	12.04	60.37	13.83	0.77
Chinese: Background Language - Written	Male	10	69.45	10.86	70.75	11.12	
	Female	11	72.24	7.45	68.91	10.75	
	Persons	21	70.91	9.11	69.79	10.69	0.81
Chinese: First Language - Written	Male	48	55.99	9.03	55.00	10.35	
	Female	49	62.60	8.96	62.72	9.10	
	Persons	97	59.33	9.55	58.90	10.44	0.83
Chinese: Second Language - Practical	Male	24	77.87	16.03	80.17	16.50	
	Female	48	75.65	14.47	74.25	14.86	
	Persons	72	76.39	14.93	76.22	15.56	0.91
Chinese: Second Language - Written	Male	24	65.05	18.09	65.90	19.28	
	Female	48	66.03	14.94	63.92	16.84	
	Persons	72	65.70	15.94	64.58	17.58	0.93
Computer Science - Written	Male	366	57.40	15.52	56.33	16.93	
	Female	44	54.12	17.97	53.66	17.54	
	Persons	410	57.05	15.81	56.05	17.00	0.90
Dance - Practical	Male	5	72.79	17.26	72.36	15.28	
	Female	157	70.25	10.85	69.88	11.96	
	Persons	162	70.33	11.03	69.96	12.03	0.86
Dance - Written	Male	5	62.93	13.97	55.38	23.69	
	Female	159	67.72	12.16	67.19	13.42	
	Persons	164	67.58	12.20	66.83	13.87	0.85
Design - Practical	Male	184	63.15	12.68	63.19	13.27	
	Female	185	65.55	12.95	64.15	14.25	
	Persons	369	64.35	12.85	63.67	13.76	0.85
Design - Written	Male	182	66.10	10.78	65.56	12.17	
	Female	185	70.74	9.96	69.98	10.30	
	Persons	367	68.44	10.62	67.79	11.47	0.79
Drama - Practical	Male	182	69.42	13.20	69.37	15.11	
	Female	390	69.63	13.06	68.64	13.75	
	Persons	572	69.57	13.09	68.87	14.19	0.84
Drama - Written	Male	180	63.08	12.91	62.56	13.57	
	Female	393	66.88	13.28	65.94	15.41	
	Persons	573	65.68	13.27	64.88	14.93	0.83

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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, 2019 (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	80	53.19	11.19	52.97	11.99	
	Female	105	55.09	11.33	54.40	11.52	
	Persons	185	54.27	11.28	53.78	11.72	0.83
Economics - Written	Male	1142	54.92	17.71	54.61	18.77	
	Female	835	55.12	17.77	53.53	19.34	
	Not Specified	1	31.00	0.00	23.00	0.00	
	Persons	1978	54.99	17.74	54.14	19.02	0.92
Engineering Studies - Written	Male	190	65.00	16.87	64.85	18.31	
	Female	8	73.34	17.75	67.02	18.24	
	Persons	198	65.34	16.94	64.94	18.27	0.89
English - Written	Male	4809	55.56	9.47	55.33	11.37	
	Female	5466	59.86	9.49	58.54	10.67	
	Persons	10275	57.85	9.72	57.04	11.11	0.72
English as an Additional Language or Dialect - Practical	Male	596	64.16	15.96	65.21	17.36	
	Female	683	70.39	14.09	68.67	14.41	
	Persons	1279	67.48	15.31	67.06	15.94	0.80
English as an Additional Language or Dialect - Written	Male	598	56.96	17.90	56.74	18.47	
	Female	684	63.58	14.13	63.10	14.75	
	Persons	1282	60.49	16.33	60.13	16.88	0.92
Food Science and Technology - Written	Male	33	52.15	13.30	52.98	15.30	
	Female	169	61.70	13.96	60.24	15.73	
	Persons	202	60.14	14.27	59.05	15.85	0.84
French: Background Language - Practical	Male	6	75.63	12.69	72.50	8.22	
	Female	7	76.47	6.47	77.86	12.86	
	Persons	13	76.08	9.39	75.38	10.89	0.15
French: Background Language - Written	Male	6	62.23	10.21	61.87	5.09	
	Female	7	68.39	10.62	68.04	14.22	
	Persons	13	65.54	10.49	65.19	11.05	0.80
French: Second Language - Practical	Male	112	76.28	12.75	76.44	13.57	
	Female	260	78.42	12.24	77.92	13.04	
	Persons	372	77.78	12.42	77.48	13.20	0.86
French: Second Language - Written	Male	112	65.35	11.48	65.73	12.51	
	Female	262	68.28	11.19	67.41	11.64	
	Persons	374	67.41	11.35	66.91	11.91	0.90
Geography - Written	Male	664	55.78	11.61	55.75	12.96	
	Female	899	58.25	11.64	56.97	12.18	

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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, 2019 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
	Persons	1563	57.20	11.69	56.45	12.53	0.85
German: Second Language - Practical	Male	10	63.81	17.42	60.03	20.87	
	Female	11	70.61	25.28	72.13	25.91	
	Persons	21	67.37	21.64	66.37	23.88	0.91
German: Second Language - Written	Male	10	61.12	11.07	59.58	12.47	
	Female	12	67.08	20.84	66.60	21.60	
	Persons	22	64.37	17.01	63.41	18.00	0.96
Health Studies - Written	Male	142	48.65	12.74	48.16	14.46	
	Female	511	55.27	13.21	54.01	14.66	
	Persons	653	53.83	13.38	52.74	14.80	0.83
Hebrew - Written	Male	3	58.43	13.00	57.29	12.11	
	Female	1	62.57	0.00	66.00	0.00	
	Persons	4	59.47	10.81	59.47	10.81	0.89
Human Biology - Written	Male	1393	59.53	13.36	59.15	14.39	
	Female	3081	60.96	13.36	60.27	14.33	
	Persons	4474	60.52	13.37	59.92	14.36	0.92
Indonesian: Background Language - Written	Male	1	53.20	0.00	53.00	0.00	
	Female	3	67.09	6.37	64.33	7.94	
	Persons	4	63.62	8.68	61.50	8.61	0.87
Indonesian: Second Language - Practical	Male	17	72.75	14.08	74.00	14.46	
	Female	42	67.93	13.40	67.76	13.96	
	Persons	59	69.32	13.65	69.56	14.27	0.91
Indonesian: Second Language - Written	Male	17	68.56	17.20	66.62	18.91	
	Female	42	60.33	14.20	59.23	16.62	
	Persons	59	62.70	15.43	61.36	17.47	0.91
Integrated Science - Written	Male	29	52.51	10.35	53.13	11.62	
	Female	39	52.98	12.12	51.79	12.48	
	Persons	68	52.78	11.32	52.36	12.05	0.84
Italian: Second Language - Practical	Male	47	67.01	19.97	66.33	19.96	
	Female	164	67.04	18.01	66.23	19.68	
	Persons	211	67.03	18.42	66.25	19.69	0.88
Italian: Second Language - Written	Male	48	65.58	13.22	65.29	14.28	
	Female	165	66.53	13.73	65.87	15.13	
	Persons	213	66.32	13.59	65.74	14.91	0.94
Japanese: Second Language - Practical	Male	88	67.60	14.95	67.00	15.73	
	Female	189	66.17	17.39	65.51	18.81	

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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, 2019 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
	Persons	277	66.62	16.64	65.98	17.88	0.88
Japanese: Second Language - Written	Male	88	61.97	17.68	61.26	18.35	
	Female	191	60.73	20.03	59.73	21.39	
	Persons	279	61.13	19.30	60.21	20.46	0.97
Literature - Written	Male	465	67.40	9.51	67.13	10.56	
	Female	994	67.95	9.02	67.17	10.70	
	Not Specified	1	46.56	0.00	54.23	0.00	
	Persons	1460	67.76	9.19	67.15	10.65	0.73
Marine and Maritime Studies - Written	Male	43	58.07	8.70	58.90	9.85	
	Female	65	59.25	9.66	57.75	11.01	
	Persons	108	58.78	9.26	58.21	10.53	0.83
Materials Design and Technology - Practical	Male	74	67.76	13.39	67.04	13.77	
	Female	78	73.12	15.72	72.74	15.91	
	Persons	152	70.51	14.83	69.96	15.13	0.87
Materials Design and Technology - Written	Male	73	65.33	12.75	68.39	13.35	
	Female	78	67.58	14.33	61.65	14.92	
	Persons	151	66.49	13.59	64.91	14.53	0.77
Mathematics Applications - Written	Male	3644	57.09	15.51	56.63	17.52	
	Female	4403	58.18	15.15	56.91	16.36	
	Persons	8047	57.69	15.32	56.78	16.89	0.90
Mathematics Methods - Written	Male	2344	58.45	18.48	58.25	19.59	
	Female	1705	56.48	17.00	54.58	17.93	
	Persons	4049	57.62	17.90	56.70	19.00	0.93
Mathematics Specialist - Written	Male	977	66.13	18.15	65.77	19.41	
	Female	458	65.51	16.45	64.42	17.87	
	Persons	1435	65.93	17.62	65.34	18.94	0.94
Media Production and Analysis - Practical	Male	267	63.56	11.60	62.76	12.07	
	Female	298	64.63	10.90	64.04	11.15	
	Persons	565	64.12	11.24	63.44	11.60	0.78
Media Production and Analysis - Written	Male	264	60.24	12.32	58.74	16.14	
	Female	296	65.25	11.69	64.39	13.31	
	Persons	560	62.89	12.24	61.73	14.97	0.79
Modern Greek - Written	Male	0	N/A	N/A	N/A	N/A	
	Female	1	89.84	0.00	89.67	0.00	
	Persons	1	89.84	0.00	89.67	0.00	N/A
Modern History - Written	Male	689	62.80	11.45	62.74	12.22	

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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, 2019 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
	Female	1139	62.20	11.89	61.10	13.38	
	Persons	1828	62.42	11.73	61.72	12.98	0.86
Music - Practical	Male	140	72.57	13.95	71.18	14.81	
	Female	168	71.68	13.55	71.38	15.54	
	Persons	308	72.09	13.72	71.29	15.19	0.81
Music - Written	Male	142	59.75	17.09	58.79	18.34	
	Female	167	55.86	16.37	54.31	17.56	
	Persons	309	57.65	16.79	56.37	18.03	0.94
Outdoor Education - Written	Male	113	59.11	13.56	59.26	15.47	
	Female	102	64.83	12.43	63.25	12.76	
	Persons	215	61.82	13.32	61.16	14.35	0.87
Philosophy and Ethics - Written	Male	112	63.71	11.86	63.38	12.00	
	Female	93	62.87	10.63	61.16	12.85	
	Persons	205	63.33	11.30	62.37	12.41	0.79
Physical Education Studies - Practical	Male	990	64.47	10.82	62.94	12.67	
	Female	868	58.17	12.21	58.31	12.89	
	Persons	1858	61.53	11.91	60.78	12.98	0.73
Physical Education Studies - Written	Male	1033	54.86	12.60	54.37	13.51	
	Female	907	56.11	12.36	55.19	12.80	
	Persons	1940	55.44	12.50	54.75	13.19	0.86
Physics - Written	Male	2053	59.48	17.68	59.39	18.65	
	Female	717	59.51	16.41	57.31	17.81	
	Persons	2770	59.49	17.36	58.85	18.46	0.94
Plant Production Systems - Written	Male	13	69.56	10.51	69.91	10.51	
	Female	26	63.83	13.65	62.86	13.92	
	Persons	39	65.74	12.84	65.21	13.18	0.85
Polish - Written	Male	2	85.84	3.42	91.67	8.25	
	Female	1	91.50	0.00	97.00	0.00	
	Persons	3	87.72	4.07	93.44	6.60	0.90
Politics and Law - Written	Male	316	58.31	15.95	57.40	18.13	
	Female	524	59.14	15.44	58.13	16.65	
	Persons	840	58.83	15.63	57.86	17.21	0.90
Psychology - Written	Male	426	48.13	14.71	46.37	17.04	
	Female	1523	54.64	13.87	53.85	15.17	
	Persons	1949	53.22	14.31	52.21	15.90	0.90
Religion and Life - Written	Male	424	56.56	10.30	56.27	10.66	

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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, 2019 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
	Female	915	60.59	9.86	59.87	10.34	
	Persons	1339	59.31	10.17	58.73	10.57	0.83
Russian - Written	Male	2	61.48	1.28	55.94	2.56	
	Female	2	80.22	15.25	78.94	14.23	
	Persons	4	70.85	13.97	67.44	15.68	0.99
Visual Arts - Practical	Male	131	65.69	10.24	65.86	10.66	
	Female	603	68.17	11.28	67.45	12.01	
	Persons	734	67.73	11.14	67.17	11.79	0.79
Visual Arts - Written	Male	130	63.10	11.11	61.99	14.19	
	Female	595	65.65	11.12	64.91	13.16	
	Persons	725	65.20	11.15	64.39	13.38	0.79

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