

School Curriculum and Standards Authority

Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients* for WACE course examinations, by sex, 2012

Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Accounting and Finance Stage 2 - Written	Male	21	59.85	17.09	61.23	21.89	0.88
	Female	21	62.62	12.51	63.68	19.37	
	Persons	42	61.24	14.86	62.45	20.45	
Accounting and Finance Stage 3 - Written	Male	630	59.43	14.69	62.60	19.55	0.91
	Female	551	60.62	13.77	63.94	17.79	
	Persons	1181	59.99	14.28	63.23	18.75	
Ancient History Stage 2 - Written	Male	4	59.11	13.37	48.63	17.68	0.91
	Female	6	66.92	13.94	50.75	20.31	
	Persons	10	63.79	13.56	49.90	18.29	
Ancient History Stage 3 - Written	Male	97	62.05	13.80	62.21	14.52	0.84
	Female	115	60.52	12.81	59.66	14.11	
	Persons	212	61.22	13.26	60.83	14.32	
Animal Production Systems Stage 2 - Written	Male	1	72.58	0.00	67.61	0.00	0.94
	Female	4	67.67	12.48	68.87	13.01	
	Persons	5	68.65	11.03	68.62	11.28	
Animal Production Systems Stage 3 - Written	Male	14	60.92	15.58	53.45	14.67	0.86
	Female	18	59.52	16.97	49.75	14.62	
	Persons	32	60.13	16.13	51.37	14.52	
Applied Information Technology Stage 2 - Written	Male	132	58.50	12.91	55.20	16.27	0.75
	Female	101	64.01	13.23	58.15	15.16	
	Persons	233	60.88	13.30	56.48	15.83	
Applied Information Technology Stage 3 - Written	Male	464	59.60	14.13	55.73	13.78	0.79
	Female	337	62.13	12.73	57.75	13.50	
	Persons	801	60.66	13.61	56.58	13.69	
Arabic Stage 3 - Written	Male	0	N/A	N/A	N/A	N/A	0.90
	Female	8	73.52	13.15	71.44	17.45	
	Persons	8	73.52	13.15	71.44	17.45	
Aviation Stage 3 - Practical	Male	48	64.75	13.86	38.85	5.99	0.69
	Female	4	55.42	5.82	33.00	7.87	
	Persons	52	64.03	13.61	38.40	6.26	
Aviation Stage 3 - Written	Male	49	61.75	14.21	44.50	11.65	0.81
	Female	4	57.97	4.45	38.77	8.13	
	Persons	53	61.46	13.74	44.07	11.46	
Biological Sciences Stage 2 - Written	Male	3	47.21	11.75	51.00	16.55	0.95
	Female	0	N/A	N/A	N/A	N/A	
	Persons	3	47.21	11.75	51.00	16.55	

* Pearson product-moment correlation coefficients between moderated school assessment and raw examination marks for practical and written components of a WACE course/stage.

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Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients* for WACE course examinations, by sex, 2012 (cont)

Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Biological Sciences Stage 3 - Written	Male	577	58.11	13.39	58.39	12.43	0.90
	Female	1094	61.10	13.68	59.14	12.97	
	Persons	1671	60.07	13.65	58.88	12.79	
Business Management and Enterprise Stage 2 - Written	Male	91	57.97	12.34	55.13	17.58	0.81
	Female	95	63.10	14.13	62.43	17.21	
	Persons	186	60.59	13.49	58.86	17.72	
Business Management and Enterprise Stage 3 - Written	Male	253	58.85	14.64	53.21	18.16	0.86
	Female	259	60.78	13.69	54.33	17.61	
	Persons	512	59.83	14.19	53.78	17.88	
Career and Enterprise Stage 2 - Written	Male	77	57.83	14.12	60.26	17.43	0.64
	Female	83	65.58	11.56	65.45	14.20	
	Persons	160	61.85	13.39	62.95	16.00	
Career and Enterprise Stage 3 - Written	Male	64	56.50	11.65	47.89	11.15	0.74
	Female	108	63.59	13.82	55.79	13.07	
	Persons	172	60.95	13.47	52.85	12.94	
Chemistry Stage 2 - Written	Male	4	51.33	25.89	25.71	27.06	0.90
	Female	18	62.43	11.20	33.85	15.30	
	Persons	22	60.41	14.72	32.37	17.45	
Chemistry Stage 3 - Written	Male	2546	60.07	14.41	61.54	17.30	0.93
	Female	2194	59.88	14.35	60.34	17.12	
	Persons	4740	59.98	14.38	60.99	17.23	
Children, Family and the Community Stage 2 - Written	Male	1	39.73	0.00	44.00	0.00	0.84
	Female	214	60.64	14.00	69.32	15.81	
	Persons	215	60.54	14.04	69.20	15.87	
Children, Family and the Community Stage 3 - Written	Male	0	N/A	N/A	N/A	N/A	0.75
	Female	55	62.19	13.76	49.06	10.82	
	Persons	55	62.19	13.76	49.06	10.82	
Chinese: Background Speakers Stage 3 - Written	Male	25	58.84	13.34	54.24	7.49	0.78
	Female	40	64.79	11.31	60.20	9.44	
	Persons	65	62.50	12.37	57.91	9.16	
Chinese: Second Language Stage 2 - Practical	Male	1	91.13	0.00	29.00	0.00	0.77
	Female	2	94.90	7.21	28.00	2.83	
	Persons	3	93.64	5.55	28.33	2.08	
Chinese: Second Language Stage 2 - Written	Male	1	60.82	0.00	41.80	0.00	1.00
	Female	2	75.78	23.83	54.04	17.02	
	Persons	3	70.79	18.93	49.96	13.95	

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Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients* for WACE course examinations, by sex, 2012 (cont)

Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Chinese: Second Language Stage 3 - Practical	Male	16	62.25	16.80	34.25	5.23	0.70
	Female	35	68.85	14.88	35.86	3.14	
	Persons	51	66.78	15.65	35.35	3.94	
Chinese: Second Language Stage 3 - Written	Male	17	55.33	12.27	45.14	15.49	0.85
	Female	35	65.41	12.20	54.89	8.83	
	Persons	52	62.11	13.01	51.70	12.19	
Computer Science Stage 2 - Written	Male	55	63.68	13.71	58.75	15.01	0.85
	Female	19	53.15	16.38	44.97	18.35	
	Persons	74	60.98	15.06	55.21	16.93	
Computer Science Stage 3 - Written	Male	292	59.96	13.45	52.26	19.29	0.89
	Female	45	63.32	15.48	57.34	22.76	
	Persons	337	60.40	13.76	52.94	19.83	
Dance Stage 2 - Practical	Male	3	50.44	16.06	22.97	1.94	0.85
	Female	67	60.56	13.49	29.84	6.80	
	Persons	70	60.12	13.63	29.55	6.81	
Dance Stage 2 - Written	Male	2	64.69	17.70	21.67	12.48	0.76
	Female	69	60.91	13.70	25.23	9.13	
	Persons	71	61.02	13.68	25.13	9.14	
Dance Stage 3 - Practical	Male	16	65.72	11.46	37.85	5.59	0.82
	Female	260	60.62	13.71	33.86	6.92	
	Persons	276	60.92	13.62	34.09	6.90	
Dance Stage 3 - Written	Male	16	55.13	12.77	52.81	17.71	0.73
	Female	267	62.15	13.56	61.44	15.30	
	Persons	283	61.75	13.60	60.96	15.54	
Design Stage 2 - Practical	Male	54	56.14	14.02	18.78	5.47	0.77
	Female	90	65.23	13.73	22.02	5.43	
	Persons	144	61.82	14.48	20.80	5.65	
Design Stage 2 - Written	Male	54	57.91	14.45	47.78	17.17	0.74
	Female	88	64.60	12.21	53.94	17.32	
	Persons	142	62.06	13.46	51.60	17.46	
Design Stage 3 - Practical	Male	217	58.28	13.54	18.75	6.02	0.79
	Female	255	64.13	14.82	20.66	6.30	
	Persons	472	61.44	14.53	19.79	6.24	
Design Stage 3 - Written	Male	217	57.96	12.58	27.12	7.63	0.75
	Female	256	63.49	13.39	29.85	7.55	
	Persons	473	60.95	13.30	28.60	7.70	

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Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients* for WACE course examinations, by sex, 2012 (cont)

Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Drama Stage 2 - Practical	Male	15	63.61	16.81	66.10	18.61	0.75
	Female	39	59.21	12.18	63.19	13.79	
	Persons	54	60.43	13.60	64.00	15.15	
Drama Stage 2 - Written	Male	15	56.99	14.52	28.25	8.89	0.84
	Female	36	63.95	13.59	32.76	8.39	
	Persons	51	61.90	14.09	31.43	8.70	
Drama Stage 3 - Practical	Male	267	60.36	13.95	64.18	14.04	0.76
	Female	657	61.39	12.71	64.76	12.62	
	Persons	924	61.09	13.08	64.59	13.04	
Drama Stage 3 - Written	Male	270	56.38	13.10	26.46	7.24	0.78
	Female	662	62.29	13.07	29.09	6.73	
	Persons	932	60.58	13.35	28.33	6.98	
Earth and Environmental Science Stage 2 - Written	Male	11	62.78	14.58	50.42	10.38	0.57
	Female	6	64.85	12.13	40.24	15.54	
	Persons	17	63.51	13.41	46.83	12.96	
Earth and Environmental Science Stage 3 - Written	Male	134	59.61	13.51	53.30	16.56	0.89
	Female	114	61.88	13.73	54.76	16.16	
	Persons	248	60.65	13.63	53.97	16.36	
Economics Stage 2 - Written	Male	21	56.42	14.61	50.07	17.57	0.91
	Female	17	67.66	13.27	63.21	16.34	
	Persons	38	61.45	14.96	55.95	18.06	
Economics Stage 3 - Written	Male	981	59.73	14.26	53.05	17.71	0.91
	Female	898	60.38	14.13	52.82	18.17	
	Persons	1879	60.04	14.20	52.94	17.93	
Engineering Studies Stage 2 - Written	Male	54	61.79	12.01	43.58	22.54	0.60
	Female	2	67.98	3.22	52.93	11.31	
	Persons	56	62.01	11.85	43.91	22.25	
Engineering Studies Stage 3 - Written	Male	195	60.29	13.36	59.04	14.86	0.83
	Female	8	53.37	14.33	49.72	11.43	
	Persons	203	60.02	13.43	58.67	14.83	
English as an Additional Language or Dialect Stage 2 - Practical	Male	147	59.01	13.71	15.11	3.84	0.65
	Female	126	63.70	12.03	15.78	3.48	
	Persons	273	61.18	13.14	15.42	3.69	
English as an Additional Language or Dialect Stage 2 - Written	Male	147	58.51	14.49	38.19	11.68	0.86
	Female	126	62.49	13.18	40.38	11.94	
	Persons	273	60.35	14.02	39.20	11.83	

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Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
English as an Additional Language or Dialect Stage 3 - Practical	Male	419	59.33	12.49	16.10	3.83	0.71
	Female	487	62.29	13.12	16.71	3.78	
	Persons	906	60.92	12.91	16.43	3.81	
English as an Additional Language or Dialect Stage 3 - Written	Male	421	58.85	12.44	44.98	8.60	0.79
	Female	486	62.70	12.94	46.55	9.13	
	Persons	907	60.91	12.85	45.82	8.92	
English Stage 2 - Written	Male	1179	59.73	12.22	49.06	14.11	0.69
	Female	1007	63.04	11.97	52.31	13.16	
	Persons	2186	61.25	12.22	50.56	13.78	
English Stage 3 - Written	Male	4129	58.16	11.91	49.77	10.68	0.73
	Female	4883	62.19	12.03	52.42	10.59	
	Persons	9012	60.34	12.14	51.21	10.71	
Food Science and Technology Stage 2 - Written	Male	47	49.31	13.54	29.80	14.18	0.82
	Female	197	63.55	12.10	43.63	12.00	
	Persons	244	60.80	13.58	40.97	13.57	
Food Science and Technology Stage 3 - Written	Male	14	50.62	15.51	44.61	16.97	0.81
	Female	82	62.37	12.95	51.01	12.42	
	Persons	96	60.65	13.91	50.08	13.27	
French Stage 2 - Practical	Male	1	79.17	0.00	25.00	0.00	N/A
	Female	0	N/A	N/A	N/A	N/A	
	Persons	1	79.17	0.00	25.00	0.00	
French Stage 2 - Written	Male	1	72.41	0.00	55.17	0.00	N/A
	Female	0	N/A	N/A	N/A	N/A	
	Persons	1	72.41	0.00	55.17	0.00	
French Stage 3 - Practical	Male	124	62.44	15.45	21.56	5.32	0.84
	Female	344	62.00	14.01	21.38	4.73	
	Persons	468	62.11	14.39	21.42	4.88	
French Stage 3 - Written	Male	122	63.52	14.18	43.81	11.55	0.89
	Female	347	60.29	13.72	41.70	10.85	
	Persons	469	61.13	13.90	42.25	11.06	
Geography Stage 2 - Written	Male	32	56.28	13.07	45.98	15.62	0.88
	Female	33	65.65	13.34	58.74	12.65	
	Persons	65	61.04	13.93	52.46	15.47	
Geography Stage 3 - Written	Male	881	58.65	12.91	52.52	12.44	0.85
	Female	1013	61.35	13.48	54.12	13.08	
	Persons	1894	60.09	13.28	53.37	12.81	

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Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients* for WACE course examinations, by sex, 2012 (cont)

Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
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German Stage 3 - Practical	Male	39	64.95	14.03	19.01	3.57	0.73
	Female	30	67.14	16.88	18.91	4.33	
	Persons	69	65.90	15.25	18.96	3.89	
German Stage 3 - Written	Male	39	60.80	15.56	42.67	9.78	0.90
	Female	30	67.39	14.14	46.69	9.71	
	Persons	69	63.66	15.21	44.42	9.88	
Health Studies Stage 2 - Written	Male	13	58.80	13.90	54.00	12.58	0.64
	Female	43	64.46	12.58	53.44	17.85	
	Persons	56	63.15	12.99	53.57	16.67	
Health Studies Stage 3 - Written	Male	43	53.76	14.54	53.13	17.05	0.71
	Female	186	62.80	12.59	61.73	14.62	
	Persons	229	61.10	13.42	60.11	15.44	
Hebrew Stage 3 - Written	Male	2	81.40	2.94	82.69	1.68	0.86
	Female	2	78.88	4.65	77.38	3.36	
	Persons	4	80.14	3.49	80.03	3.76	
Human Biological Science Stage 2 - Written	Male	43	56.12	13.95	52.35	16.39	0.93
	Female	123	61.21	14.18	56.02	15.94	
	Persons	166	59.89	14.26	55.07	16.09	
Human Biological Science Stage 3 - Written	Male	1273	58.30	13.75	57.85	16.40	0.91
	Female	2725	60.61	14.10	59.89	16.57	
	Persons	3998	59.87	14.03	59.24	16.54	
Indonesian: Second Language Stage 2 - Practical	Male	0	N/A	N/A	N/A	N/A	1.00
	Female	3	57.08	20.94	23.00	8.66	
	Persons	3	57.08	20.94	23.00	8.66	
Indonesian: Second Language Stage 2 - Written	Male	0	N/A	N/A	N/A	N/A	1.00
	Female	3	41.20	10.95	24.29	7.30	
	Persons	3	41.20	10.95	24.29	7.30	
Indonesian: Second Language Stage 3 - Practical	Male	30	63.48	16.21	27.93	7.29	0.87
	Female	38	60.37	11.96	26.08	6.44	
	Persons	68	61.74	13.97	26.90	6.84	
Indonesian: Second Language Stage 3 - Written	Male	30	59.28	16.13	35.31	10.05	0.90
	Female	38	61.80	13.06	35.47	9.17	
	Persons	68	60.69	14.44	35.40	9.49	
Integrated Science Stage 2 - Written	Male	13	59.38	11.18	50.60	10.36	0.81
	Female	28	63.63	15.04	49.91	16.54	
	Persons	41	62.28	13.94	50.13	14.73	

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			Mean	Std dev	Mean	Std dev	
Integrated Science Stage 3 - Written	Male	54	60.89	13.14	53.23	12.75	0.84
	Female	37	61.48	14.04	54.75	14.62	
	Persons	91	61.13	13.44	53.85	13.48	
Italian Stage 2 - Practical	Male	0	N/A	N/A	N/A	N/A	0.93
	Female	5	45.49	15.89	11.44	4.73	
	Persons	5	45.49	15.89	11.44	4.73	
Italian Stage 2 - Written	Male	0	N/A	N/A	N/A	N/A	0.70
	Female	8	69.11	14.57	49.56	11.26	
	Persons	8	69.11	14.57	49.56	11.26	
Italian Stage 3 - Practical	Male	66	58.77	17.06	18.65	6.43	0.86
	Female	185	62.48	13.77	20.46	5.42	
	Persons	251	61.50	14.76	19.99	5.75	
Italian Stage 3 - Written	Male	67	57.85	14.85	44.07	10.80	0.89
	Female	184	61.69	12.84	46.20	9.39	
	Persons	251	60.67	13.48	45.63	9.81	
Japanese: Second Language Stage 2 - Practical	Male	7	66.48	18.80	7.86	4.06	0.88
	Female	15	63.49	15.54	8.67	3.60	
	Persons	22	64.44	16.25	8.41	3.67	
Japanese: Second Language Stage 2 - Written	Male	7	60.82	23.35	36.69	16.21	0.93
	Female	17	61.71	13.56	38.83	10.97	
	Persons	24	61.45	16.44	38.20	12.38	
Japanese: Second Language Stage 3 - Practical	Male	83	59.09	15.57	12.11	4.40	0.91
	Female	222	63.21	15.20	13.11	4.30	
	Persons	305	62.09	15.39	12.84	4.34	
Japanese: Second Language Stage 3 - Written	Male	85	55.94	16.01	40.57	16.10	0.96
	Female	223	61.27	13.68	46.26	13.72	
	Persons	308	59.80	14.53	44.69	14.62	
Literature Stage 3 - Written	Male	552	60.61	13.34	65.15	10.76	0.71
	Female	1256	61.90	12.79	66.26	10.33	
	Persons	1808	61.50	12.97	65.92	10.47	
Marine and Maritime Studies Stage 2 - Written	Male	0	N/A	N/A	N/A	N/A	0.73
	Female	13	61.77	14.19	61.58	11.06	
	Persons	13	61.77	14.19	61.58	11.06	
Marine and Maritime Studies Stage 3 - Written	Male	2	51.36	1.60	59.38	2.18	0.87
	Female	14	64.43	15.04	69.54	11.54	
	Persons	16	62.80	14.70	68.27	11.30	

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Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Materials Design and Technology Stage 2 - Practical	Male	55	55.33	11.66	11.35	4.53	0.83
	Female	50	68.93	15.32	16.56	5.26	
	Persons	105	61.80	15.09	13.83	5.53	
Materials Design and Technology Stage 2 - Written	Male	52	60.82	13.47	31.77	6.27	0.68
	Female	48	62.89	12.26	33.03	5.43	
	Persons	100	61.82	12.88	32.38	5.88	
Materials Design and Technology Stage 3 - Practical	Male	132	57.08	13.68	20.45	5.91	0.81
	Female	92	69.22	13.08	25.51	4.55	
	Persons	224	62.06	14.68	22.53	5.93	
Materials Design and Technology Stage 3 - Written	Male	132	55.72	12.70	26.47	7.81	0.75
	Female	91	67.17	11.86	31.21	5.72	
	Persons	223	60.39	13.56	28.40	7.40	
Mathematics Stage 2AB - Written	Male	172	60.05	14.28	73.17	26.25	0.88
	Female	207	60.58	13.27	74.65	23.12	
	Persons	379	60.34	13.73	73.98	24.57	
Mathematics Stage 2CD - Written	Male	1776	59.29	13.67	74.97	24.63	0.88
	Female	2301	60.41	13.68	78.00	23.76	
	Persons	4077	59.93	13.69	76.68	24.19	
Mathematics Stage 3AB - Written	Male	2189	59.16	13.77	82.49	23.05	0.88
	Female	2435	60.43	13.82	81.70	22.50	
	Persons	4624	59.83	13.81	82.07	22.76	
Mathematics Stage 3CD - Written	Male	2203	60.08	14.94	98.79	26.39	0.93
	Female	1536	59.51	14.28	96.98	25.84	
	Persons	3739	59.84	14.67	98.05	26.18	
Mathematics: Specialist Stage 3AB - Written	Male	21	63.07	15.11	84.31	26.76	0.91
	Female	11	59.89	11.93	75.27	21.24	
	Persons	32	61.98	13.98	81.20	25.03	
Mathematics: Specialist Stage 3CD - Written	Male	1056	59.28	14.88	77.70	25.38	0.94
	Female	431	61.05	13.78	79.36	23.67	
	Persons	1487	59.79	14.59	78.18	24.90	
Media Production and Analysis Stage 2 - Practical	Male	30	60.89	14.17	23.42	6.80	0.77
	Female	38	62.32	15.04	22.18	5.47	
	Persons	68	61.69	14.57	22.73	6.08	
Media Production and Analysis Stage 2 - Written	Male	27	59.09	11.85	31.97	9.80	0.76
	Female	34	64.39	13.75	33.74	9.55	
	Persons	61	62.05	13.11	32.96	9.62	

* Pearson product-moment correlation coefficients between moderated school assessment and raw examination marks for practical and written components of a WACE course/stage.

** The populations consist of all Year 12 students who have a numerical school assessment and a raw examination mark for that component of the course/stage concerned.

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Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients* for WACE course examinations, by sex, 2012 (cont)

Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Media Production and Analysis Stage 3 - Practical	Male	403	61.01	14.36	24.16	5.81	0.72
	Female	569	62.55	13.38	24.74	5.24	
	Persons	972	61.91	13.81	24.50	5.49	
Media Production and Analysis Stage 3 - Written	Male	398	58.37	13.84	26.84	7.51	0.77
	Female	564	62.74	12.78	28.67	7.11	
	Persons	962	60.93	13.40	27.91	7.33	
Modern Greek Stage 3 - Written	Male	1	76.59	0.00	77.17	0.00	N/A
	Female	0	N/A	N/A	N/A	N/A	
	Persons	1	76.59	0.00	77.17	0.00	
Modern History Stage 2 - Written	Male	3	49.40	6.79	45.67	11.43	0.81
	Female	9	65.19	17.45	54.83	15.98	
	Persons	12	61.24	16.76	52.54	15.06	
Modern History Stage 3 - Written	Male	886	59.05	13.47	56.15	14.29	0.84
	Female	1784	61.06	13.35	57.12	13.93	
	Persons	2670	60.39	13.42	56.80	14.06	
Music Stage 2 - Practical	Male	16	63.27	15.24	26.98	7.51	0.95
	Female	11	58.10	13.32	24.69	8.43	
	Persons	27	61.17	14.46	26.05	7.82	
Music Stage 2 - Written	Male	16	56.67	18.40	15.07	8.49	0.94
	Female	11	66.33	11.72	20.52	7.38	
	Persons	27	60.61	16.48	17.29	8.36	
Music Stage 3 - Practical	Male	179	61.93	13.80	30.27	8.64	0.83
	Female	262	59.96	12.77	29.15	7.27	
	Persons	441	60.76	13.22	29.60	7.86	
Music Stage 3 - Written	Male	181	60.02	14.36	23.44	8.97	0.95
	Female	264	59.98	14.06	23.07	8.81	
	Persons	445	60.00	14.16	23.22	8.87	
Outdoor Education Stage 2 - Written	Male	63	58.87	11.24	46.20	18.41	0.72
	Female	38	65.89	13.07	56.76	16.36	
	Persons	101	61.51	12.38	50.17	18.32	
Outdoor Education Stage 3 - Written	Male	128	58.49	11.95	51.13	10.05	0.74
	Female	132	64.10	12.99	53.62	11.45	
	Persons	260	61.34	12.78	52.40	10.83	
Philosophy and Ethics Stage 2 - Written	Male	2	70.37	17.78	71.25	15.91	0.99
	Female	1	53.74	0.00	52.00	0.00	
	Persons	3	64.83	15.82	64.83	15.81	

* Pearson product-moment correlation coefficients between moderated school assessment and raw examination marks for practical and written components of a WACE course/stage.

** The populations consist of all Year 12 students who have a numerical school assessment and a raw examination mark for that component of the course/stage concerned.

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Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients* for WACE course examinations, by sex, 2012 (cont)

Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Philosophy and Ethics Stage 3 - Written	Male	73	63.54	13.99	61.52	15.62	0.79
	Female	69	57.54	12.26	57.71	13.28	
	Persons	142	60.63	13.47	59.67	14.60	
Physical Education Studies Stage 2 - Written	Male	157	59.70	13.02	35.00	10.61	0.88
	Female	113	60.81	14.95	35.32	12.08	
	Persons	270	60.16	13.85	35.14	11.23	
Physical Education Studies Stage 3 - Written	Male	1136	59.52	13.35	38.69	9.40	0.82
	Female	866	61.51	13.82	39.55	9.34	
	Persons	2002	60.38	13.59	39.06	9.39	
Physics Stage 2 - Written	Male	23	61.57	12.68	67.25	15.65	0.87
	Female	8	65.73	14.69	71.51	17.19	
	Persons	31	62.65	13.10	68.35	15.88	
Physics Stage 3 - Written	Male	2457	59.68	14.52	49.94	17.07	0.92
	Female	1043	60.42	13.86	49.11	16.19	
	Persons	3500	59.90	14.33	49.69	16.81	
Plant Production Systems Stage 2 - Written	Male	1	77.27	0.00	74.81	0.00	0.85
	Female	4	68.29	10.55	68.96	11.19	
	Persons	5	70.09	9.98	70.13	10.04	
Plant Production Systems Stage 3 - Written	Male	12	66.89	12.15	56.76	11.29	0.84
	Female	12	54.68	14.50	44.25	14.15	
	Persons	24	60.79	14.50	50.51	14.06	
Politics and Law Stage 2 - Written	Male	12	67.50	13.88	49.83	17.99	0.83
	Female	15	58.08	12.68	40.33	14.17	
	Persons	27	62.26	13.81	44.56	16.38	
Politics and Law Stage 3 - Written	Male	316	60.50	13.59	49.98	17.15	0.88
	Female	584	60.33	14.24	49.15	18.08	
	Persons	900	60.39	14.01	49.45	17.76	
Psychology Stage 2 - Written	Male	25	58.83	14.48	63.89	14.58	0.87
	Female	69	61.35	13.94	64.29	14.03	
	Persons	94	60.68	14.05	64.19	14.10	
Psychology Stage 3 - Written	Male	196	56.80	14.19	48.17	15.55	0.84
	Female	656	61.69	13.41	53.86	16.36	
	Persons	852	60.56	13.74	52.55	16.34	
Religion and Life Stage 2 - Written	Male	82	57.93	12.84	56.15	20.09	0.75
	Female	95	64.18	11.64	67.00	15.13	
	Persons	177	61.29	12.57	61.97	18.37	

* Pearson product-moment correlation coefficients between moderated school assessment and raw examination marks for practical and written components of a WACE course/stage.

** The populations consist of all Year 12 students who have a numerical school assessment and a raw examination mark for that component of the course/stage concerned.

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Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients* for WACE course examinations, by sex, 2012 (cont)

Course	Sex of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Religion and Life Stage 3 - Written	Male	621	58.48	12.31	59.67	10.68	0.72
	Female	981	62.24	12.80	62.40	10.88	
	Persons	1602	60.78	12.74	61.34	10.88	
Turkish Stage 3 - Written	Male	3	31.05	2.65	34.29	7.87	0.35
	Female	2	40.52	6.65	35.38	6.89	
	Persons	5	34.84	6.44	34.73	6.58	
Visual Arts Stage 2 - Practical	Male	7	65.57	13.79	27.43	5.62	0.73
	Female	70	61.98	15.13	24.45	5.43	
	Persons	77	62.31	14.96	24.72	5.48	
Visual Arts Stage 2 - Written	Male	7	57.68	8.90	27.00	5.36	0.87
	Female	65	61.08	15.33	27.40	9.36	
	Persons	72	60.75	14.81	27.36	9.03	
Visual Arts Stage 3 - Practical	Male	198	61.55	15.61	21.21	5.25	0.80
	Female	911	61.52	12.78	20.93	4.62	
	Persons	1109	61.52	13.32	20.98	4.73	
Visual Arts Stage 3 - Written	Male	197	57.78	14.29	27.43	7.26	0.77
	Female	899	61.52	13.47	28.48	6.95	
	Persons	1096	60.84	13.69	28.29	7.01	

* Pearson product-moment correlation coefficients between moderated school assessment and raw examination marks for practical and written components of a WACE course/stage.

** The populations consist of all Year 12 students who have a numerical school assessment and a raw examination mark for that component of the course/stage concerned.