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Table 1

Head orientation in single-figure portraits: overall¹

Study	Left side	Right side	Study information
Burkitt et al. (2006)	615	696	Photographs in magazine advertisements, 21st. century.
Burkitt et al. (2006)	182	187	Ditto, late 19th and early 20th century.
Frimer & Sinclair (2016)	164	190	Moral heroes. ²
Frimer & Sinclair (2016)	160	117	Celebrities. ²
González (2012)	312	198	Photographs of Spanish individuals.
González (2012)	229	216	Photographs of Iranian individuals.
Grüsser et al. (1988)	486	360	Paintings in central European museums. ³
Grüsser et al. (1988)	39	51	Portraits by Cranach. ³
Grüsser et al. (1988)	45	30	Portraits by Holbein. ³
Grüsser et al. (1988)	42	41	Drawings by Holbein. ³
Labar (1973)	398.5	231	Photographs in American school yearbooks. ⁴

Lindell (2017)	195	162	Cover photographs on celebrity cookbooks.
McManus & Humphrey (1973)	891	583	Paintings, mostly British collections.
Nicholls et al. (1999)	78	49	Published collection of Renaissance portraits.
Nicholls et al. (1999)	23	10	Portraits by Raphael.
Nicholls et al. (1999)	44	34	Portraits by Holbein.
Nicholls et al. (1999)	63	64	Royal Society portraits.
Schirillo (2000)	133	152	Portraits by Rembrandt.
ten Cate (2002)	431	636	Portraits of Dutch university professors.
Tilby (1930)	129	152	Portraits in the National Gallery and National Portrait Gallery. ⁵
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Total	4659.5	4159	
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Notes.

1. Self-portraits and portraits with multiple figures are not included. Data from Gordon (1974) not included because no figure was given for right side: it was not differentiated from frontal orientation.
2. Numbers are derived from reported proportions multiplied by sample size.

3. Data from ten Cate (2002). Numbers are estimated from figures in the original.
4. Numbers are averages of two raters.
5. Data from Uhrbrock (1973).

Table 2

Head orientation in single-figure portraits by gender¹

Study	Female		Male	
	Left side	Right side	Left side	Right side
Grüsser et al. (1988) ²	209	84	277	276
Grüsser et al. (1988) ³	27	2	12	49
Grüsser et al. (1988) ⁴	16	3	29	27
Grüsser et al. (1988) ⁵	18	17	24	24
Labar (1973)	200	97.5	198.5	123.5
Lindell (2017)	94	68	101	94
McManus & Humphrey (1973)	376	175	524	408
Schirillo (2000)	77	27	56	125
ten Cate (2002)	4	1	427	635

Total	1021	474.5	1648.5	1761.5
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Notes.

1. Study information as for Table 1.
2. "Various artists" (ten Cate, 2002, p. 178). For all data from Grüsser et al. (1988), numbers were estimated by ten Cate (2002) from figures in the original.
3. "Portraits by Cranach" (ten Cate, 2002, p. 178).
4. "Portraits by Holbein" (ten Cate, 2002, p. 178).
5. "Drawings by Holbein" (ten Cate, 2002, p. 178).

Table 3

Overall data for body, head, and gaze orientation

	Orientation		
	Left	Right	Frontal
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Study 1: Paintings			
Body	972	919	396
Head	1109	905	273
Gaze	652	496	1139
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Study 1: photographs			
Body	408	345	394
Head	419	348	380
Gaze	331	261	555

Study 1: Drawings

Body	643	400	126
Head	643	421	105
Gaze	578	374	217

Study 2

Body	1240	990	394
Head	1365	1147	155
Gaze	912	842	913

Table 4

Association between body, head, and gaze orientation, paintings, Study 1

Body	Head	Gaze			All
		Left	Right	Frontal	
Left	Left	424	5	416	845
	Right	0	60	9	69
	Frontal	0	4	54	58
Right	Left	91	0	33	124
	Right	4	325	401	730
	Frontal	6	1	58	65
Frontal	Left	121	0	19	140
	Right	0	94	12	106
	Frontal	6	7	137	150

All	652	496	1139	2287
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Table 5

Association between body, head, and gaze orientation, photographs, Study 1

Body	Head	Gaze			All
		Left	Right	Frontal	
Left	Left	225	1	90	316
	Right	0	16	1	17
	Frontal	0	2	73	75
Right	Left	23	0	3	26
	Right	3	182	83	268
	Frontal	4	0	47	51
Frontal	Left	67	0	10	77
	Right	0	53	10	63
	Frontal	9	7	238	254

All	331	261	555	1147
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Table 6

Association between body, head, and gaze orientation, drawings, Study 1

Body	Head	Gaze			All
		Left	Right	Frontal	
Left	Left	536	2	70	608
	Right	0	14	0	14
	Frontal	1	0	20	21
Right	Left	8	0	0	8
	Right	0	322	53	375
	Frontal	0	0	17	17
Frontal	Left	27	0	0	27
	Right	0	30	2	32
	Frontal	6	6	55	67

All	578	374	217	1169
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Table 7

Frequencies of mixed and unmixed orientations, Study 1

	Paintings	Photographs	Drawings
Mixed	1401	502	256
Unmixed	886	645	913

Note. "Unmixed" = all left oriented + all right oriented + all frontal. "Mixed" = the remainder.

Table 8

Results of chi-square tests on gender comparisons across media, Study 1

Component	Orientation		
	Left	Right	Frontal
Body	34.63**	25.00**	0.35
Head	29.50**	35.70**	0.08
Gaze	29.23**	23.92**	10.95**

Note. ** = $p < .01$.

Table 9

Association between body, head, and gaze orientation, Study 2

Body	Head	Gaze			All
		Left	Right	Frontal	
Left	Left	660	9	448	1117
	Right	0	71	4	75
	Frontal	0	10	38	48
Right	Left	75	0	8	83
	Right	11	547	312	870
	Frontal	8	3	26	37
Frontal	Left	151	0	14	165
	Right	1	195	6	202
	Frontal	6	7	57	70

All	912	842	913	2667
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Table 10

Percentages of portraits in the most popular orientation combinations

Study/medium	LLL	LLF	RRR	RRF	All four
NPG/paintings	18.5	18.2	14.2	17.5	68.5
NPG/photographs	19.6	7.8	15.9	7.2	50.6
NPG/drawings	45.9	6.0	27.5	4.5	83.9
America	24.7	16.8	20.5	11.7	73.8
All	25.4	14.1	18.9	11.7	70.1

Note. Body components are in the order body, head, gaze. For example, RRF means body and head to the right and gaze frontal.