

## Reliability report. Website coding

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A sample of 125 units from the population of 829 Danish (179) and British (650) MPs were drawn randomly. Two student coders recoded half of the sample. First, they controlled if the country, name and party was correct. No mistakes were identified. Second, they controlled if they could identify the personal website or a personal websites in cases, where none were registered. Here they identified three personal websites, which had not been coded (Mai Mercado, Danny Kinahan and Gisela Stuart). In the reliability test, these three websites will constitute a disagreement in coding on every variable. In the final data set information from these websites is added. Further, during the reliability test one website was not available (Mathias Tesfaye). In the reliability test this constitute a disagreement on each variable, in the final data set the information from the website is maintained.

Two types of reliability tests are implemented. First, the percentage of disagreement and second, a kappa estimation, which take agreement by chance into account. For the final four variables we used a weighed kappa to take the ordinal scale of the coding values into account. We use the following scheme (Table 1) for evaluating the reliability of the coding

Table 1: Scheme for reliability judgements

	Percentage disagreement	Kappa
<b>High reliability</b>	Under 20 percent	Above 0.8
<b>Moderate reliability</b>	Under 20 percent	Above 0.6
<b>Low reliability</b>	Under 20 percent	Above 0.4
<b>Not reliable</b>	Over 20 percent	Above 0.4

The coding of issues important to the MP and issues for which he/she is minister/ shadow minister/spokesman for constitute a special problem, since up to four issues can be coded. Therefore there may be disagreement on a single variable but the agreement across the four relevant variables may still exist or at least be higher. Therefore we suggest to manually inspect the situations of disagreement to decide whether or not to use the issue codes.

For an overview of the reliability tests see table 2

Table 2: Results of reliability tests

Variable	Number of disagreements	Percentage of disagreement	Over 20 %	Kappa	Rel.
V3_website	2	1,6	0	0.94	High
V3_url	3	2,4	0	Text	High
V5 Links	7	5,6	0	0.84	High
V5_1 place	8	6,4	0	0.85	High
V6_picture	5	4,0	0	0.80	Mod
V7_civil	11	8,8	0	0.87	High
V7_1place	10	8,0	0	0.48	Low
V7_2pic	16	12,8	0	0.81	High
V8_children	9	7,2	0	0.91	High
V8_1place	8	6,4	0	0.48	Low
V8_2picture	14	11,2	0	0.65	Mod
V9_leisure	8	6,4	0	0.92	High
V9_1place	5	4,0	0	0.00	Non
V10_upbring	19	15,2	0	0.59	Low
V10_1place	17	13,6	0	0.00	Non
V11_perstrait	5	4,0	0	0.97	High
V11_1place	1	0,8	0	Too few	
V12_education	13	10,4	0	0.85	High
V12_1place	10	8,0	0	0.49	Low
V13_occupation	15	12,0	0	0.67	Mod
V13_1place	18	14,4	0	-0.01	Non
V14_polcareer	23	18,4	0	0.54	Low
V14_1place	20	16,0	0	0.49	Low
V15_polsuccess	4	3,2	0	1.00	High
V15_1_place	1	0,8	0	Too few	
V15_text				Text	
V16_constituency	5	4,0	0	0.88	High
V16_1place	9	7,2	0	0.76	Mod
V16_2text				Text	
V17_address	17	13,6	0	0.76	Mod
V17_1place	16	12,8	0	0.29	Non
V18_belonging	6	4,8	0	0.94	High
V18_1place	3	2,4	0	0.00	Non
V19_constsuccess	18	14,4	0	0.60	Low
V19_1place	14	11,2	0	Too few	
V20_causescon	24	19,2	0	0.52	Low
V20_1place	27	21,6	1	0.65	Mod
V21_activconst	26	20,8	1	0.57	Low
V21_1place	29	23,2	1	0.63	Mod
V22_speeches	24	19,2	0	0.62	Mod
V22_1place	20	16,0	0	Too few	
V23_questions	22	17,6	0	0.65	Mod
V23_1place	20	16,0	0	0.00	Non

V24_bills	13	10,4	0	0.66	Mod
V24_1place	11	8,8	0	0.00	Non
V25_committee	18	14,4	0	0.72	Mod
V25_1place	12	9,6	0	0.65	Mod
V26_voting	14	11,2	0	0.49	Low
V26_1place	11	8,8	0	0.57	Low
V27_issues	10	8,0	0	0.90	High
V27_1place	11	8,8	0	0.85	High
V27_text				Text	
V27_2issue1					
V27_2issue2					
V27_2issue3					
V27_2issue4					
V28_partyinfo	8	6,4	0	0.76	Mod
V28_1place	15	12,0	0	0.81	High
V29_logo	11	8,8	0	0.87	High
V30_partylink	18	14,4	0	0.72	Mod
V30_1place	17	13,6	0	0.89	High
V31_localparty	11	8,8	0	0.79	Mod
V31_1place	6	4,8	0	1.00	High
V32_position	15	12,0	0	0.78	Mod
V32_1place	19	15,2	0	0.47	Low
V32_2partyleader	16	12,8	0	Too few	
V32_3partyspokesman	16	12,8	0	Too few	
V32_4partywhip	17	13,6	0	1.00	High
V32_4groupleader	17	13,6	0	Too few	
V32_6Vicegroupleader	15	12,0	0	1.00	High
V32_7Vicepartyleader	16	12,8	0	Too few	
V32_8Minister	19	15,2	0	1.00	High
V32_9SpokeShadow	11	8,8	0	1.00	High
V32_10issue1					
V32_11issue2					
V32_12issue3					
V32_13issue4					
V33_membership	30	24,0	1	0.42	Non
V33_1place	27	21,6	1	0.64	Non
V34_partybelong	5	4,0	0	0.88	High
V34_1place	1	0,8	0	Too few	