

Online Appendix 4. *Agreement between master reviewers and communities' maltreatment decision boards by site*

Table 4.1

Overall agreement between master reviewers and communities' maltreatment decision boards by site

Condition	Site	<i>n</i>	%Agreement	Kappa	Sensitivity	Specificity	PPV	NPV
in-person	1	11	0.73	0.42	1.00	0.67	0.40	1.00
in-person	2	9	0.78	0.53	1.00	0.71	0.50	1.00
in-person	3	32	0.75	0.53	1.00	0.60	0.60	1.00
in-person	4	18	0.83	0.61	0.92	0.67	0.85	0.80
in-person	5	24	0.83	0.65	1.00	0.76	0.64	1.00
in-person	6	20	0.85	0.68	0.75	0.92	0.86	0.85
in-person	7	26	0.85	0.69	0.85	0.85	0.85	0.85
in-person	8	16	0.88	0.73	0.90	0.83	0.90	0.83
in-person	9	28	0.89	0.77	1.00	0.84	0.75	1.00
in-person	10	55	0.89	0.78	0.96	0.82	0.84	0.96
in-person	11	20	0.90	0.80	1.00	0.82	0.82	1.00
in-person	12	31	0.90	0.81	0.83	1.00	1.00	0.81
in-person	13	21	0.90	0.81	1.00	0.82	0.83	1.00
in-person	14	24	0.92	0.83	1.00	0.87	0.82	1.00
in-person	15	14	0.93	0.84	0.90	1.00	1.00	0.80
in-person	16	32	0.97	0.93	1.00	0.92	0.95	1.00
in-person	17	42	0.98	0.94	0.92	1.00	1.00	0.97
in-person	18	11	1.00	1.00	1.00	1.00	1.00	1.00
in-person	19	13	1.00	1.00	1.00	1.00	1.00	1.00
in-person	20	16	1.00	1.00	1.00	1.00	1.00	1.00
in-person	21	29	1.00	1.00	1.00	1.00	1.00	1.00
telephone	1	19	0.74	0.48	0.86	0.67	0.60	0.89
telephone	2	18	0.78	0.56	0.78	0.78	0.78	0.78
telephone	3	9	0.89	0.61	0.50	1.00	1.00	0.875
telephone	4	12	0.83	0.67	0.83	0.83	0.83	0.83
telephone	5	23	0.87	0.73	0.92	0.80	0.86	0.89
telephone	6	33	0.88	0.76	1.00	0.81	0.75	1.00
telephone	7	17	0.88	0.77	1.00	0.80	0.78	1.00
telephone	8	14	0.93	0.81	1.00	0.75	0.91	1.00
telephone	9	44	0.93	0.86	1.00	0.88	0.86	1.00
telephone	10	31	0.94	0.86	0.92	0.95	0.92	0.95
telephone	11	15	0.93	0.86	1.00	0.86	0.89	1.00
telephone	12	23	0.96	0.91	0.91	1.00	1.00	0.92
telephone	13	28	0.96	0.93	0.94	1.00	1.00	0.92
telephone	14	34	0.97	0.94	1.00	0.93	0.95	1.00

telephone	15	3	1.00	1.00	1.00	1.00	1.00	1.00
telephone	16	9	1.00	1.00	1.00	1.00	1.00	1.00
telephone	17	10	1.00	1.00	1.00	1.00	1.00	1.00
telephone	18	15	1.00	1.00	1.00	1.00	1.00	1.00
telephone	19	19	1.00	1.00	1.00	1.00	1.00	1.00
telephone	20	22	1.00	1.00	1.00	1.00	1.00	1.00
Mean		21.71	0.91	0.81	0.94	0.88	0.87	0.95
SD		10.68	0.08	0.17	0.10	0.12	0.15	0.07
Min		3	0.73	0.42	0.50	0.60	0.40	0.78
Max		55	1.00	1.00	1.00	1.00	1.00	1.00

Notes. Negative Predictive Value); Sensitivity = True positive determinations (i.e., positive agreements between sites and master reviewers) / All cases with maltreatment (as determined by the master reviewers); Specificity = True negative determinations (i.e., negative agreements between sites and master reviewers) / All cases without maltreatment (as determined by the master reviewers).PPV (Positive Predictive Value) = Agreement ratio on committees' (versus master reviewers') positive determinations versus (i.e., that incident met maltreatment criteria; Positive Predictive Value); NPV (Negative Predictive Value) = Agreement ratio on committees' (versus master reviewers') negative determinations (i.e., that incident did not meet maltreatment criteria).

Table 4.1.1

Summary from Table 4.1: Agreement on Partner and Child Maltreatment Combined

Agreement Level	Number of Sites
%Agreement>90%; Kappa> .80	24
%Agreement>80%; Kappa> .60	12
%Agreement>75%; Kappa> .50	3
%Agreement>73%; Kappa> .42	2

Table 4.2

Agreement between master reviewers and communities' maltreatment decision boards by site and type of maltreatment

Condition	Site	Partner Maltreatment κ								Child Maltreatment κ									
		All	n	Physical	n	Sexual	n	Emotional	n	All	n	Physical	n	Sexual	n	Emotional	n	Neglect	n
in-person	1	0.73	9	0.67	6		0	1.00	3	0.00	2		0		0		0	0.00	2
in-person	2	1.00	6	1.00	6		0		0	0.00	3	1.00	1		0		0	0.00	2
in-person	3	0.65	22	0.59	14		0	0.75	8	0.31	10	0.00	2	1.00	2	1.00	3	0.00	3
in-person	4	1.00	14	1.00	12		0	1.00	2	-0.50	4	0.00	1		0	0.00	1	0.00	2
in-person	5	0.61	20	0.55	17		0	1.00	3	1.00	4	1.00	3		0		0	1.00	1
in-person	6	0.83	12	0.78	9		0	1.00	3	0.38	8	1.00	3		0	1.00	1	0.00	4
in-person	7	0.88	17	0.74	10	1.00	1	1.00	6	0.18	9	1.00	1		0	-0.15	5	1.00	3
in-person	8	0.74	10	0.57	6		0	1.00	4	0.67	6	1.00	1		0		0	0.62	5
in-person	9	0.75	17	0.68	13		0	1.00	4	0.81	11	1.00	3		0	1.00	3	0.55	5
in-person	10	0.73	33	0.84	29	0.00	1	0.40	3	0.79	22	0.55	5	1.00	1	1.00	4	0.80	12
in-person	11	1.00	9	1.00	7		0	1.00	2	0.65	11	0.55	5	0.00	1	1.00	2	1.00	3
in-person	12	0.88	17	0.81	13		0	1.00	4	0.63	14	1.00	3	1.00	2	0.00	5	1.00	4
in-person	13	0.59	14	0.42	11		0	1.00	3	1.00	7		0		0	1.00	3	1.00	4
in-person	14	1.00	9	1.00	8		0	1.00	1	0.67	15	1.00	2	1.00	1	1.00	6	0.00	6
in-person	15	0.80	12	0.79	11		0	1.00	1	1.00	2		0	1.00	1		0	1.00	1
in-person	16	1.00	22	1.00	20		0	1.00	2	0.80	10	0.00	4		0		0	1.00	6
in-person	17	0.88	19	0.85	14		0	1.00	5	1.00	23	1.00	8		0	1.00	7	1.00	8
in-person	18	1.00	8	1.00	6		0	1.00	2	1.00	3		0		0		0	1.00	3
in-person	19	1.00	9	1.00	8		0	1.00	1	1.00	4	1.00	2		0		0	1.00	2
in-person	20	1.00	11	1.00	11		0		0	1.00	5	1.00	1	1.00	1		0	1.00	3
in-person	21	1.00	16	1.00	11		0	1.00	5	1.00	13	1.00	6		0	1.00	2	1.00	5
telephone	1	0.84	13	1.00	12		0	0.00	1	0.08	6	0.00	2		0		0	0.00	4
telephone	2	0.57	14	0.62	11		0	0.00	3	0.50	4		0	1.00	1	0.00	2	1.00	1
telephone	3	1.00	4	1.00	3		0	1.00	1	0.00	5	1.00	2		0		0	0.00	3
telephone	4	1.00	6	1.00	4	1.00	1	1.00	1	0.25	6	1.00	1		0		0	-0.25	5
telephone	5	0.69	13	0.58	10		0	1.00	3	0.78	10	1.00	6		0	1.00	2	0.00	2

telephone	6	0.72	21	0.79	19		0	0.00	2	0.75	12	1.00	6	1.00	1		0	0.55	5
telephone	7	0.62	11	0.60	10		0	1.00	1	1.00	6	1.00	1	1.00	3	1.00	1	1.00	1
telephone	8	0.81	14	0.81	13		0	1.00	1		0		0		0		0		0
telephone	9	0.80	20	0.70	14	1.00	1	1.00	5	0.91	24	0.70	7	1.00	1	1.00	2	1.00	14
telephone	10	0.79	19	0.83	12		0	0.70	7	0.82	12	0.00	1	1.00	1	1.00	5	1.00	5
telephone	11	0.61	9	1.00	6		0	0.40	3	1.00	6	1.00	3		0	1.00	2	1.00	1
telephone	12	0.88	16	1.00	13		0	0.00	3	1.00	7	1.00	3		0	1.00	1	1.00	3
telephone	13	1.00	17	1.00	12	1.00	1	1.00	4	0.79	11	0.00	2	1.00	2	1.00	2	1.00	5
telephone	14	0.90	21	0.89	19		0	1.00	2	1.00	13	1.00	7	1.00	1		0	1.00	5
telephone	15		0		0		0		0	1.00	3	1.00	1		0		0	1.00	2
telephone	16	1.00	4	1.00	4		0		0	1.00	5	1.00	5		0		0		0
telephone	17	1.00	7	1.00	5		0	1.00	2	1.00	3	1.00	2		0	1.00	1		0
telephone	18	1.00	10	1.00	9		0	1.00	1	1.00	5	1.00	5		0		0		0
telephone	19	1.00	14	1.00	8		0	1.00	6	1.00	5	1.00	3		0		0	1.00	2
telephone	20	1.00	10	1.00	9		0	1.00	1	1.00	12	1.00	6		0		0	1.00	6

Table 4.2.1

Summary from Table 4.2: Agreement on Partner and Child Maltreatment

Agreement Level	Number of Sites	
	Partner	Child
%Agreement>90%; Kappa> .80	27	22
%Agreement>80%; Kappa> .60	11	8
%Agreement>75%; Kappa> .50	2	1
Kappa <.40		9
No cases	1	1