

# Results from simulation study

Note: all table values are scaled by 100 for convenience

		AUC		IPA		Calibration error	
	Rate of exposure	Oracle	RCS	Oracle	RCS	Oracle	RCS
exponential							
type 1	0	74.9	74.5	23.9	20.3	0.19	0.61
type 1	1	85.6	85.5	43.2	42.4	0.70	0.35
type 1	2	90.4	89.4	53.6	39.7	1.3	0.84
type 2	0	73.9	73.7	17.6	14.9	0.10	0.30
type 2	1	88.7	88.6	45.9	45.1	0.09	0.14
type 2	2	95.2	95.2	64.6	64.1	0.09	0.12
type 3	0	75.2	75.1	21.9	18.2	0.21	0.49
type 3	1	88.5	88.5	50.3	47.5	0.20	0.36
type 3	2	93.9	93.8	66.5	63.0	0.25	0.39
type 4	0	82.5	81.8	29.6	18.1	3.2	3.7
type 4	1	87.8	84.0	48.8	11.9	2.1	5.8
type 4	2	88.7	87.9	40.3	27.4	2.0	5.0
inverse gaussian							
type 1	0	64.9	63.4	13.6	-9.5	0.39	3.5
type 1	1	72.9	72.0	24.8	7.6	0.56	1.8
type 1	2	77.7	75.5	32.4	-0.84	0.79	2.3
type 2	0	65.9	64.8	11.3	-8.5	0.16	2.4
type 2	1	78.7	78.3	30.7	23.0	0.10	0.46
type 2	2	86.9	86.8	46.4	42.7	0.11	0.25
type 3	0	64.3	63.5	13.0	-10.2	0.46	4.7
type 3	1	74.6	74.2	31.5	13.3	0.49	2.9
type 3	2	80.6	79.4	44.2	7.3	0.53	5.8
type 4	0	78.5	67.0	26.0	-27.1	3.5	5.6
type 4	1	86.7	67.2	45.4	-35.0	2.4	2.7
type 4	2	90.2	84.2	33.5	18.3	1.7	1.8
exponentiated gaussian							
type 1	0	70.6	70.0	19.7	14.5	0.38	0.90
type 1	1	79.8	77.7	33.7	9.8	0.93	1.4
type 1	2	84.8	81.4	43.1	16.1	1.3	1.7
type 2	0	70.5	70.1	16.0	10.0	0.10	0.58
type 2	1	84.1	84.0	38.1	36.8	0.10	0.19
type 2	2	91.9	91.7	54.7	49.4	0.30	0.31
type 3	0	71.2	70.8	19.7	12.4	0.26	0.92
type 3	1	83.3	83.2	42.3	38.8	0.27	0.49
type 3	2	89.6	88.8	55.3	43.7	1.2	0.94
type 4	0	84.2	78.5	32.7	0.35	3.3	3.0
type 4	1	91.0	83.8	51.2	12.6	2.0	4.7
type 4	2	89.3	89.8	40.4	13.5	2.2	14.8

uniform							
type 1	0	69.4	69.4	9.0	8.5	0.12	0.23
type 1	1	87.1	87.1	38.3	37.9	0.11	0.15
type 1	2	94.4	94.4	60.9	60.7	0.20	0.14
type 2	0	69.5	69.5	9.0	8.5	0.09	0.20
type 2	1	88.0	88.0	38.4	38.1	0.08	0.13
type 2	2	95.9	95.9	62.4	62.2	0.09	0.12
type 3	0	71.6	71.6	11.2	10.5	0.14	0.25
type 3	1	89.8	89.8	44.2	42.9	0.13	0.19
type 3	2	96.5	96.5	67.4	64.4	0.14	0.30
type 4	0	79.7	80.0	27.3	22.0	2.0	4.7
type 4	1	82.6	81.6	44.2	21.8	1.4	4.0
type 4	2	83.6	82.3	38.3	25.3	1.4	4.4
NOR (?)							
type 1	0	65.0	65.0	5.7	5.3	0.13	0.26
type 1	1	82.1	82.1	28.5	28.1	0.11	0.22
type 1	2	92.0	92.0	51.4	51.1	0.13	0.19
type 2	0	63.9	63.8	4.7	4.3	0.15	0.26
type 2	1	80.9	80.9	24.4	24.2	0.17	0.21
type 2	2	92.1	92.1	49.5	49.3	0.09	0.12
type 3	0	66.6	66.6	6.7	6.3	0.14	0.27
type 3	1	84.4	84.4	31.4	31.1	0.11	0.21
type 3	2	94.3	94.3	57.3	57.1	0.08	0.13
type 4	0	70.4	69.6	14.7	9.1	2.9	2.1
type 4	1	65.6	65.0	18.9	8.4	1.4	1.4
type 4	2	63.0	62.3	12.7	7.5	1.6	2.1