

Appendix 7. Evaluation of the combined application of static visual variables and related methods of presentation for users of different age groups

Number of static visual variables		Variables employed to show the phenomenon	Entities and levels	Combinations of variables	Methods of presentation	Age groups
employed to show the phenomenon	other variables					
1	4	<u>1</u> 2 3 4	αb	<u>1</u> 2 3 4	Sab, Kab, Kdab	{1} {2} {3} {4} {5} {6} {7}
1	4	<u>1</u> 2 3 4	αc	<u>1</u> 2 3 4	Kc, Sac, Kac (cs), Kdac (cs)	{1} {2} {3} {4} {5} {6} {7}
1	4	<u>1</u> 2 3 4	βb	<u>1</u> 2 3 4	S β b, K β b, Kd β b	{1} {2} {3} {4} {5} {6} {7}
1	4	<u>1</u> 2 3 4	βc	<u>1</u> 2 3 4	Ic, S β c, K β c (cs), Kd β c (cs)	{1} {2} {3} {4} {5} {6} {7}
1	4	<u>1</u> 2 3 4	γb	<u>1</u> 2 3 4	K γ c(cs), KaBc, KD γ b	{2} {3} {4} {5} {6} {7}
1	4	<u>1</u> 2 3 4	γc	<u>1</u> 2 3 4	KaBc, K γ c(cs), KD γ C(cs)	{2} {3} {4} {5} {6} {7}
1	4	1 <u>2</u> 3 4	αa	1 <u>2</u> 3 4	Sac	{1} {2} {3} {4} {5} {6} {7}
1	4	1 <u>2</u> 3 4	γa	1 <u>2</u> 3 4	MCa, MZa	{1} {2} {3} {4} {5} {6} {7}
1	4	1 2 <u>3</u> 4	αb	1 2 <u>3</u> 4	Sab, Kab, Kdab	{2} {3} {4} {5} {6} {7}
1	4	1 2 <u>3</u> 4	αc	1 2 <u>3</u> 4	Kc, Sac, Kac (cs), Kdac (cs)	{1} {2} {3} {4} {5} {6} {7}
1	4	1 2 <u>3</u> 4	βb	1 2 <u>3</u> 4	S β b, K β b, Kd β b	{1} {2} {3} {4} {5} {6} {7}
1	4	1 2 <u>3</u> 4	βc	1 2 <u>3</u> 4	Ic, S β c, K β c (cs), Kd β c (cs)	{1} {2} {3} {4} {5} {6} {7}
1	4	1 2 <u>3</u> 4	γb	1 2 <u>3</u> 4	K γ c(cs), KaBc, KD γ b	{2} {3} {4} {5} {6} {7}
1	4	1 2 <u>3</u> 4	γc	1 2 <u>3</u> 4	KaBc, K γ c(cs), KD γ C(cs)	{2} {3} {4} {5} {6} {7}
1	4	1 2 3 <u>4</u>	αa	1 2 3 <u>4</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
1	4	1 2 3 <u>4</u>	βa	1 2 3 <u>4</u>	S β a, MZa	{1} {2} {3} {4} {5} {6} {7}
1	4	1 2 3 <u>4</u>	γa	1 2 3 <u>4</u>	MCA, MZa	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>5</u>	βa	1 2 3 4 <u>5</u>	S β a, MZa	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>5</u>	βb	1 2 3 4 <u>5</u>	S β b, K β b, Kd β b	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>5</u>	γa	1 2 3 4 <u>5</u>	MCa, MZa	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>7</u>	αa	1 2 3 4 <u>7</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>7</u>	αb	1 2 3 4 <u>7</u>	Sab, Kab, Kdab	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>7</u>	βa	1 2 3 4 <u>7</u>	S β a, MZa	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>7</u>	βb	1 2 3 4 <u>7</u>	S β b, K β b, Kd β b	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>8</u>	αa	1 2 3 4 <u>8</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>8</u>	αb	1 2 3 4 <u>8</u>	Sab, Kab, Kdab	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>8</u>	βa	1 2 3 4 <u>8</u>	S β a, MZa	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>8</u>	βb	1 2 3 4 <u>8</u>	S β b, K β b, Kd β b	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>9</u>	αa	1 2 3 4 <u>9</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>9</u>	αb	1 2 3 4 <u>9</u>	Sab, Kab, Kdab	{1} {2} {3} {4} {5} {6} {7}
1	5	1 2 3 4 <u>9</u>	αc	1 2 3 4 <u>9</u>	Kc, Sac, Kac (cs), Kdac (cs)	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1</u> 2 <u>3</u> 4	αb	<u>1</u> 2 <u>3</u> 4	Sab, Kab, Kdab	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1</u> 2 <u>3</u> 4	βb	<u>1</u> 2 <u>3</u> 4	S β b, K β b, Kd β b	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1</u> 2 <u>3</u> 4	βc	<u>1</u> 2 <u>3</u> 4	S β c, K β c (cs), KDBC (CS)	{1} {2} {3} {4} {5} {6} {7}

Number of static visual variables		Variables employed to show the phenomenon	Entities and levels	Combinations of variables	Methods of presentation	Age groups
employed to show the phenomenon	other variables					
2	5	<u>1 2 3 4</u>	γb	<u>1 2 3 4</u>	Kγc(cs), KaBc, KDγb	{2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4</u>	γc	<u>1 2 3 4</u>	KaBc, KγC(cs), KDγC(cs)	{2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4</u>	αa	<u>1 2 3 4</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4</u>	γa	<u>1 2 3 4</u>	MCa, MZa	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 5</u>	βb	<u>1 2 3 4 5</u>	Sβb, Kβb, Kdβb	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 7</u>	αb	<u>1 2 3 4 7</u>	Sαb, Kab, Kdab	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 7</u>	βb	<u>1 2 3 4 7</u>	Sβb, Kβb, Kdβb	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 8</u>	αb	<u>1 2 3 4 8</u>	Sαb, Kab, Kdab	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 8</u>	βb	<u>1 2 3 4 8</u>	Sβb, Kβb, Kdβb	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 9</u>	αa	<u>1 2 3 4 9</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 9</u>	αc	<u>1 2 3 4 9</u>	Kc, Sac, Kac (cs), Kdac (cs)	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 5</u>	γa	<u>1 2 3 4 5</u>	MCA, MZa	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 7</u>	αa	<u>1 2 3 4 7</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 8</u>	αa	<u>1 2 3 4 8</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 9</u>	αa	<u>1 2 3 4 9</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 5</u>	βb	<u>1 2 3 4 5</u>	Sβb, Kβb, Kdβb	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 7</u>	αb	<u>1 2 3 4 7</u>	Sαb, Kab, Kdab	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 7</u>	βb	<u>1 2 3 4 7</u>	Sβb, Kβb, Kdβb	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 8</u>	αa	<u>1 2 3 4 8</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 8</u>	αb	<u>1 2 3 4 8</u>	Sαb, Kab, Kdab	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 8</u>	βb	<u>1 2 3 4 8</u>	Sβb, Kβb, Kdβb	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 9</u>	αa	<u>1 2 3 4 9</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 9</u>	αc	<u>1 2 3 4 9</u>	Kc, Sac, Kac (cs), Kdac (cs)	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 5</u>	βa	<u>1 2 3 4 5</u>	Sβa, MZa	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 5</u>	γa	<u>1 2 3 4 5</u>	MCa,	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 7</u>	αa	<u>1 2 3 4 7</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 7</u>	βa	<u>1 2 3 4 7</u>	Sβa, MZa	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 8</u>	αa	<u>1 2 3 4 8</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 8</u>	βa	<u>1 2 3 4 8</u>	Sβa, MZa	{1} {2} {3} {4} {5} {6} {7}
2	5	<u>1 2 3 4 9</u>	αa	<u>1 2 3 4 9</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
2	6	<u>1 2 3 4 5 7</u>	βa	<u>1 2 3 4 5 7</u>	Sβa, MZa	{1} {2} {3} {4} {5} {6} {7}
2	6	<u>1 2 3 4 5 7</u>	βb	<u>1 2 3 4 5 7</u>	Sβb, Kβb, Kdβb	{1} {2} {3} {4} {5} {6} {7}
2	6	<u>1 2 3 4 5 8</u>	βa	<u>1 2 3 4 5 8</u>	Sβa, MZa	{1} {2} {3} {4} {5} {6} {7}
2	6	<u>1 2 3 4 5 8</u>	βb	<u>1 2 3 4 5 8</u>	Sβb, Kβb, Kdβb	{1} {2} {3} {4} {5} {6} {7}
2	6	<u>1 2 3 4 7 8</u>	αa	<u>1 2 3 4 7 8</u>	Sac	{1} {2} {3} {4} {5} {6} {7}
2	6	<u>1 2 3 4 7 8</u>	βa	<u>1 2 3 4 7 8</u>	Sβa, MZa	{1} {2} {3} {4} {5} {6} {7}

Number of static visual variables		Variables employed to show the phenomenon	Entities and levels	Combinations of variables	Methods of presentation	Age groups
employed to show the phenomenon	other variables					
2	6	1 2 3 4 7 8	βb	1 2 3 4 7 8	$S\beta b, K\beta b, Kd\beta b$	{1} {2} {3} {4} {5} {6} {7}
2	6	1 2 3 4 7 9	ab	1 2 3 4 7 9	$Sab, Kab, Kdab$	{1} {2} {3} {4} {5} {6} {7}
2	6	1 2 3 4 8 9	aa	1 2 3 4 8 9	Sac	{1} {2} {3} {4} {5} {6} {7}
2	6	1 2 3 4 8 9	ab	1 2 3 4 8 9	$Sab, Kab, Kdab$	{1} {2} {3} {4} {5} {6} {7}
3	4	1 2 3 4	βc	1 2 3 4	$Ic, S\beta c, K\beta c (cs), Kd\beta c (cs)$	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 5	βb	1 2 3 4 5	$S\beta b, K\beta b, Kd\beta b$	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 7	βb	1 2 3 4 7	$S\beta b, K\beta b, Kd\beta b$	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 8	ab	1 2 3 4 8	$Sab, Kab, Kdab$	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 8	βb	1 2 3 4 8	$S\beta b, K\beta b, Kd\beta b$	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 9	ab	1 2 3 4 9	Sac	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 9	ac	1 2 3 4 9	$Kc, Sac, Kac (cs), Kdac (cs)$	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 9	ab	1 2 3 4 9	Sac	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 9	ac	1 2 3 4 9	$Kc, Sac, Kac (cs), Kdac (cs)$	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 5	β	1 2 3 4 5	$S\beta b, K\beta b, Kd\beta b$	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 7	βb	1 2 3 4 7	$S\beta b, K\beta b, Kd\beta b$	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 5	γa	1 2 3 4 5	MCa, MZa	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 7	aa	1 2 3 4 7	Sac	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 8	aa	1 2 3 4 8	Sac	{1} {2} {3} {4} {5} {6} {7}
3	5	1 2 3 4 9	aa	1 2 3 4 9	Sac	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 5 8	βb	1 2 3 4 5 8	$S\beta b, K\beta b, Kd\beta b$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 5 8	aa	1 2 3 4 5 8	Sac	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 5 8	βa	1 2 3 4 5 8	$S\beta a, MZa$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 5 8	βb	1 2 3 4 5 8	$S\beta b, K\beta b, Kd\beta b$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 5 8	βa	1 2 3 4 5 8	$S\beta A, MZa$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 5 7	βb	1 2 3 4 5 7	$S\beta b, K\beta b, Kd\beta b$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 5 7	βa	1 2 3 4 5 7	$S\beta A, MZa$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 5 7	βb	1 2 3 4 5 7	$S\beta b, K\beta b, Kd\beta b$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 5 7	βa	1 2 3 4 5 7	$S\beta a, MZa$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 7 8	ab	1 2 3 4 7 8	$Sab, Kab, Kdab$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 7 8	βb	1 2 3 4 7 8	$S\beta b, K\beta b, Kd\beta b$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 7 9	ab	1 2 3 4 7 9	$Sab, Kab, Kdab$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 7 8	aa	1 2 3 4 7 8	Sac	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 7 8	βa	1 2 3 4 7 8	$S\beta a, MZa$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 7 9	aa	1 2 3 4 7 9	Sac	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 7 8	ab	1 2 3 4 7 8	$Sab, Kab, Kdab$	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 7 8	βb	1 2 3 4 7 8	$S\beta b, K\beta b, Kd\beta b$	{1} {2} {3} {4} {5} {6} {7}

Number of static visual variables		Variables employed to show the phenomenon	Entities and levels	Combinations of variables	Methods of presentation	Age groups
employed to show the phenomenon	other variables					
3	6	1 2 <u>3</u> 4 <u>7</u> 9	αb	1 2 <u>3</u> 4 <u>7</u> 9	S αb , K αb , Kd αb	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 <u>3</u> 4 <u>8</u> 9	αa	1 2 <u>3</u> 4 <u>8</u> 9	S αc	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 <u>8</u> 9	αc	1 2 3 4 <u>8</u> 9	K c , S αc , K αc (cs), Kd αc (cs)	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 <u>7</u> 8	αa	1 2 3 4 <u>7</u> 8	S αc	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 <u>7</u> 8	βa	1 2 3 4 <u>7</u> 8	S βa , MZ a	{1} {2} {3} {4} {5} {6} {7}
3	6	1 2 3 4 <u>7</u> 9	αa	1 2 3 4 <u>7</u> 9	S αc	{1} {2} {3} {4} {5} {6} {7}
3	7	1 2 3 4 <u>5</u> 7 8	βa	1 2 3 4 <u>5</u> 7 8	S βa , MZ a	{1} {2} {3} {4} {5} {6} {7}
3	7	1 2 3 4 <u>5</u> 7 8	βb	1 2 3 4 <u>5</u> 7 8	S βb , K βb , Kd βb	{1} {2} {3} {4} {5} {6} {7}
3	7	1 2 3 4 <u>7</u> 8 9	αa	1 2 3 4 <u>7</u> 8 9	S αc	{1} {2} {3} {4} {5} {6} {7}
4	6	<u>1</u> 2 <u>3</u> 4 <u>5</u> 7	βb	<u>1</u> 2 <u>3</u> 4 <u>5</u> 7	S βb , K βb , Kd βb	{1} {2} {3} {4} {5} {6} {7}
4	6	<u>1</u> 2 <u>3</u> 4 <u>5</u> 8	βb	<u>1</u> 2 <u>3</u> 4 <u>5</u> 8	S βb , K βb , Kd βb	{1} {2} {3} {4} {5} {6} {7}
4	6	<u>1</u> 2 <u>3</u> 4 <u>7</u> 8	αb	<u>1</u> 2 <u>3</u> 4 <u>7</u> 8	S αb , K αb , Kd αb	{1} {2} {3} {4} {5} {6} {7}
4	6	<u>1</u> 2 <u>3</u> 4 <u>7</u> 8	βb	<u>1</u> 2 <u>3</u> 4 <u>7</u> 8	S βb , K βb , Kd βb	{1} {2} {3} {4} {5} {6} {7}
4	6	1 2 3 4 <u>7</u> 8	αa	1 2 3 4 <u>7</u> 8	S αc	{1} {2} {3} {4} {5} {6} {7}
4	7	<u>1</u> 2 3 4 <u>5</u> 7 8	βb	<u>1</u> 2 3 4 <u>5</u> 7 8	S βb , K βb , Kd βb	{1} {2} {3} {4} {5} {6} {7}
4	7	1 2 <u>3</u> 4 <u>5</u> 7 8	βb	1 2 <u>3</u> 4 <u>5</u> 7 8	S βb , K βb , Kd βb	{1} {2} {3} {4} {5} {6} {7}
4	7	1 2 3 4 <u>5</u> 7 8	βa	1 2 3 4 <u>5</u> 7 8	S βa , MZ a	{1} {2} {3} {4} {5} {6} {7}
5	7	<u>1</u> 2 3 4 <u>5</u> 7 8	βb	<u>1</u> 2 3 4 <u>5</u> 7 8	S βb , K βb , Kd βb	{1} {2} {3} {4} {5} {6} {7}
5	7	1 2 <u>3</u> 4 <u>7</u> 8 9	αb	1 2 <u>3</u> 4 <u>7</u> 8 9	S αc	{1} {2} {3} {4} {5} {6} {7}
5	7	1 2 <u>3</u> 4 <u>7</u> 8 9	αb	1 2 <u>3</u> 4 <u>7</u> 8 9	S αc	{1} {2} {3} {4} {5} {6} {7}
5	7	1 <u>2</u> 3 4 <u>5</u> 7 8	βa	1 <u>2</u> 3 4 <u>5</u> 7 8	S βa , MZ a	{1} {2} {3} {4} {5} {6} {7}

Key:

Static visual variables

1 size; 2 form; 3 value; 4 colour; 5 grain; 6 orientation; 7 brilliance; 8 transparency; 9 aura; variables employed to show the phenomenon are underlined

Entities / measurement levels

α point entities; β line entities; γ area entities;

a - nominal scale measurable entities; b - ordinary scale measurable entities; c - quantitative scale measurable entities

Methods of presentations

S α b – Ordinary point signatures,	S β c – Quantitative line signatures,
K α b – Ordinary point choropleth maps,	K β c (cs) - Quantitative line choropleth maps,
Kd α b – Ordinary point cartodiagrams	Kd β c (cs) - Quantitative line cartodiagrams
Kc – Dot method,	K α Bb – Ordinary Bertin's choropleth map,
S α c – Quantitative point signatures,	K γ b – Ordinary area choropleth maps,
K α c (cs) – Quantitative point choropleth maps,	KD γ b – Ordinary dasimetric choropleth maps,
Kd α c (cs) - Quantitative point cartodiagrams,	K α Bc - Quantitative Bertin's choropleth map,
S β b – Ordinary line signatures,	K γ c(cs) - Quantitative area choropleth maps,
K β b – Ordinary line choropleth maps,	KD γ c(cs) - Quantitative dasimetric choropleth maps,
Kd β b - Ordinary line cartodiagrams	S α a – Qualitative point signatures
Ic – isoline maps,	MCa – Chorochromatic method maps,
S β a – Qualitative line signatures,	MZa – Range maps

Age groups

[1] [2] [3] [4] [5] [6] [7] - correct combination of variables for labelled age groups
 {1} {2} {3} {4} {5} {6} {7} {8} conditional combination of variables for labelled age groups

Correct
combination

Combination
inaccessible
due to the
absence of *colour*
in the case
of achromatic
e-papers

Combination
inaccessible
due to the
absence of *aura*
in the case of part
of chromatic
e-papers

Combination
inaccessible
due to the absence
of *colour* and *aura*
in the case
of achromatic
e-papers