

File Edit Cross Analysis Utilities Help View Print Exit

**View Matrix**

Female

	Visit 1	Visit 2	Visit 3
White-spruce	10	11	8
Blue	120	5	2
Light	120	5	2
Total	132	16	10

Visit 1		Visit 2		Visit 3	
Eye Color	Count	Eye Color	Count	Eye Color	Count
White-spruce	10	White-spruce	11	White-spruce	8
Blue	120	Blue	5	Blue	2
Light	120	Light	5	Light	2
Total Population		16	Light	16	Light

**View Matrix**

Male

	Visit 1	Visit 2	Visit 3
White-spruce	10	11	8
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Light	120	5	2
Total	132	16	10

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Eye Color	Count	Eye Color	Count	Eye Color	Count
White-spruce	10	White-spruce	11	White-spruce	8
Blue	120	Blue	5	Blue	2
Light	120	Light	5	Light	2
Total Population		16	Light	16	Light

**View Matrix**

Female

	Visit 4	Visit 5	Visit 6
White-spruce	10	11	8
Blue	120	5	2
Light	120	5	2
Total	132	16	10

Visit 4		Visit 5		Visit 6	
Eye Color	Count	Eye Color	Count	Eye Color	Count
White-spruce	10	White-spruce	11	White-spruce	8
Blue	120	Blue	5	Blue	2
Light	120	Light	5	Light	2
Total Population		16	Light	16	Light

**View Matrix**

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White-spruce	10	White-spruce	11	White-spruce	8
Blue	120	Blue	5	Blue	2
Light	120	Light	5	Light	2
Total Population		16	Light	16	Light

**View Matrix**

Female

	Visit 7	Visit 8	Visit 9
White-spruce	10	11	8
Blue	120	5	2
Light	120	5	2
Total	132	16	10

Visit 7		Visit 8		Visit 9	
Eye Color	Count	Eye Color	Count	Eye Color	Count
White-spruce	10	White-spruce	11	White-spruce	8
Blue	120	Blue	5	Blue	2
Light	120	Light	5	Light	2
Total Population		16	Light	16	Light

**View Matrix**

Male

	Visit 7	Visit 8	Visit 9
White-spruce	10	11	8
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Eye Color	Count	Eye Color	Count	Eye Color	Count
White-spruce	10	White-spruce	11	White-spruce	8
Blue	120	Blue	5	Blue	2
Light	120	Light	5	Light	2
Total Population		16	Light	16	Light

**Chi-Squared**

Population: Visit 10, Visit 15, Visit 17, Visit 20, Visit 18, Visit 16

Eye Color	Expected Ratio	Observed Numbers	Expected Numbers	Observed - Expected
White-spruce	1	8	6.6	1.4
Blue	4	21	26.8	-5.8
Light	5	28	26.6	1.4
Total		57	59.8	-2.8

3 degrees of freedom      Chi-Square Value: 2.25  
Probability: 0.5356

**Contingency Chart**

Population: Visit 10, Visit 15, Visit 17, Visit 20, Visit 18, Visit 16

Eye Color	Number	Observed/Expected
White-spruce	8	0.12
Blue	21	0.35
Light	28	0.47
Total	57	1.00