

**Supplemental table: Confirmatory factor analysis for health belief model items**

<b>Health belief model</b>	<b>Factor1</b>	<b>Factor2</b>	<b>Factor3</b>	<b>Factor4</b>
<b>I) Perceived Seriousness</b>				
Glaucoma medications can lead to irritating side effects		0.62		
Do you think glaucoma medication interferes with your daily activity?		0.90		
I think that Lifelong glaucoma medications badly affect my quality of life		0.89		
<b>II) Perceived Susceptibility</b>				
I think it is difficult to adhere to medication for life		0.72		
I may experience deterioration of my sight even when I am adherent to medication?			0.96	
I think my condition needs more follow up while using medication			0.95	
<b>III) Perceived benefits</b>				
Surgical management will be permanent solution to my eye problem	0.89			
Freedom from medications will improve my quality of life	0.72	0.37		
Surgical treatment will minimize damage caused by glaucoma to my vision	0.91			
Glaucoma surgery will be more effective in preventing optic nerve damage than Medical treatment?	0.90			
<b>IV) Perceived barriers</b>				
I think surgical management can cause damage to my eye	-0.87			
I expect worsening of my condition by surgery	-0.88			
I think surgical treatment will cost more than I can afford	-0.59			
I think lifelong medical treatment is safer than surgery	-0.76			
My general health condition make me unfit for surgery				-0.94
<b>VI) Self-efficacy</b>				
I feel capable of discussing my options to undergo surgery with my physician?	0.87			
I Can withstand stress of surgery	0.87			
I know I can comply to my physician instructions before and after surgery	0.85			
<b>Rotated Eigenvalues</b>	<b>7.88</b>	<b>2.96</b>	<b>2.0</b>	<b>1.12</b>
<b>% of Variance</b>	<b>43.78</b>	<b>16.45</b>	<b>11.23</b>	<b>6.23</b>