Supplement Table S2: The process of formal analysis of artworks

Causes			Effect	Conclusion
Elements of formal analysis *Elements are building blocks that can be combined to create a larger structure.*	*inter-actions*	**Principles of design** *The principles integrate the elements to illustrate key concepts.*		
Line is the most basic building block of formal analysis used to create more complex shapes or to lead wiewers' eye from one area in the composition to another.		**Emphasis** the eyes is directed towards a particular part of the image by contrasts colors, shapes, or textures.	coluor of the flowers capture attention which is drawn to the affected organs (nose and mouth)	'the depicted plant cause allergic reactions'
Value is the contrast between black and white and all the tones in between; the degree of light and dark in a design. The direction the light coming from is also concerned.		**Movement** refers to the sense of motion that a wiever get; the way a viewer's eye is directed to move through a composition, often to areas of emphasis. It is often suggested by lines, contrasting shapes, or colors within the artwork.	tree pollen is 'falling onto the patients' or 'patients are sinking into a field of allergenic weeds', which lead to the development of simptoms (running nose and sneezing)	
Shapes are created when lines are combined to form a circle, a square, or a triangle.		**Contrast** is the use of several elements of design to hold the viewer's attention and to guide it through the artwork.		
Space is the area between and around objects. Figures of a man/ woman are positive space, while the space between them is negative space.		**Proportion** is created when the sizes of elements in a work of art are combined harmoniously.		
Color differentiates and defines space, shapes, and lines. Dominant (salient) color(s) of the picture is also		**Pattern** is the repetition of a form or shape across a work of art.		
Composition. The arrangement of figures or objects being orderly or chaotic.		**Balance** the distribution of weight in an artwork or symmetry created by harmoniously combined elements.		
Texture is the surface quality that can be seen and felt.		**Unity** is created when the principles of analysis are present in harmony.		