

Affective Responses to Image Color Combinations

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Preamble

This supplement specifies technical details that should enable anyone to replicate (if so desired) the experiment in detail.¹ It also lists the raw results *in extenso*. Moreover, it specifies the details of the major analytical methods.

We added the supplement on the express demands of reviewers of the manuscript. We do not believe that the level of detail in this supplement is at all necessary for a replication. In fact, if that were the case the conclusions would be spurious because not properly generalizable.

We actually believe that replications with minor methodical variations are unlikely to yield results that will essentially deviate from ours. We expect that major deviations — if any — will be due to non-trivial methodological variations. If not, we may be severely criticized for unduly overgeneralizing.

Since this is a supplement that is stored on the Internet, but does not appear in print, we are fully accountable for the layout and all errors. The publisher has no responsibility for proof reading, type setting and so forth.

The sequence of topics in the supplement roughly parallels that of the text of the manuscript. In order to enable the reader to locate a given topic we added a table of contents.

The data collected here should enable anyone to replicate our experiment in detail, except for the particular set of participants.

¹If considered necessary ask the authors for program listings, etc. We do not guarantee programs to be bug-free and we are not available to assist in tweaking programs so as to run on specific platforms. The software was written for one-time use only, not for distribution. We used Processing (a dialect of JAVA) on a Macbook Pro (mid 2015) running macOS for the interface and Mathematica for the analysis.

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S1 Colorimetric calibration

We used Apple Powerbooks with linearized LCD displays. Colorimetric calibration was carried out as a two-step process.

Photometric data on the display was performed by objective, photospectrometric methods. We used an X-Rite ColourMunki photo-spectrometer driven by Argyll² methods under Unix. We did measurements of black, red, green and blue screens to calibrate the monitor primaries, then we did similar measurements on cyan, magenta, yellow and white screens as additional tests. Using conventional CIE xyL coordinates³ we find

Red $x = 0.5995, y = 0.3406, L = 68.9,$

Green $x = 0.3259, y = 0.5723, L = 197.4,$

Blue $x = 0.1534, y = 0.1346, L = 53.2.$

This color gamut ($\odot 1$)⁴ is more or less standard for contemporary LCD displays.⁵ In most cases only a central region about the achromatic point is relevant, which implies that the monitor gamut as such is irrelevant.

As a second step we linearized the display.

For linearization we used the Bergdesign Supercal 1.2.4. application. We consider it more accurate than photoelectric methods, especially at low radiances.⁶ In this method one uses the eye as a null indicator, so it is not a subjective method (one might arrive at this notion because the eye plays a crucial role), but a method that is just as objective as a direct photoelectric method.

For this type of experiment minor colorimetric differences are largely irrelevant.

We do not believe these data are of much relevance (except maybe for the luminance level of the display white), because our results should reproduce (plus or minus some slop) on any modern display unit. Because of fundamental colorimetric reasons, all modern display units converge on the same red, green and blue components, the main difference will be in total radiant power and various technicalities.

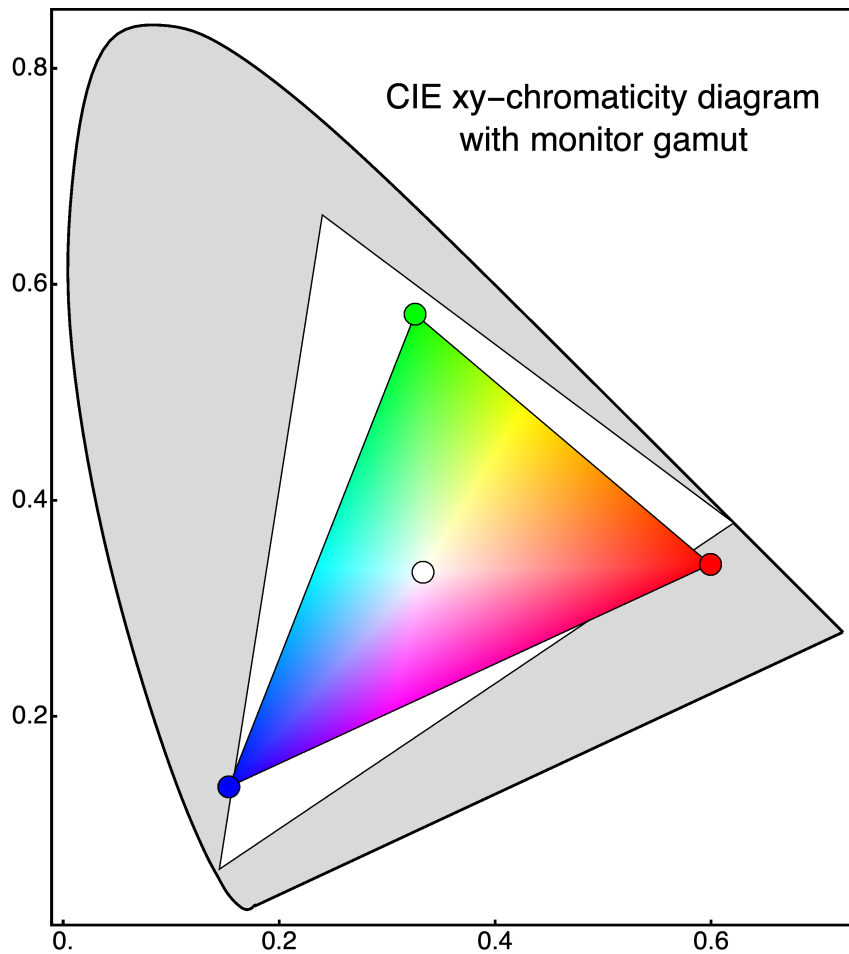
²ArgyllCMS is an ICC compatible color management system, available as Open Source.

³G. Wyszecki, W. S. Stiles (1967), *Color science: Concepts and methods, quantitative data and formulae*. Wiley, New York.

⁴Note that “ $\odot 1$ ” implies a reference to figure 1 (and so forth).

⁵J.J. Koenderink, A.J. van Doorn & K.R. Gegenfurtner (2021), *RGB Colors and Ecological Optics*. Frontiers in Computer Science, 3, 630370.

⁶F.L. van Nes, J.J. Koenderink, H. Nas, M.A. Bouman (1967), *Spatiotemporal modulation transfer in the human eye*. Journal of the Optical Society of America. 57: 1082–8;
G.J.C. van der Horst and M.A. Bouman (1969), *Spatiotemporal Chromaticity Discrimination*, J. Opt. Soc. Am. 59(11) 1482–1488.



1. The CIE xy -chromaticity diagram with the monitor gamut (colored triangle) and the gamut (white triangle) for a tripartite RGB-basis for an equi-energy spectrum. The latter may be taken to be the theoretical optimum.

One should take care to interpret such a representation correctly. For instance, neither areas, nor line lengths may be compared (as is common enough in the technical literature!). A chromaticity diagram is a map of the interior of the spectrum cone on a projective plane. The only simple visual judgments that make sense are three-point collinearities (for instance complementarity as collinearity of two chromaticities with the white point. Not even distances along a single line are comparable in the Euclidean sense!

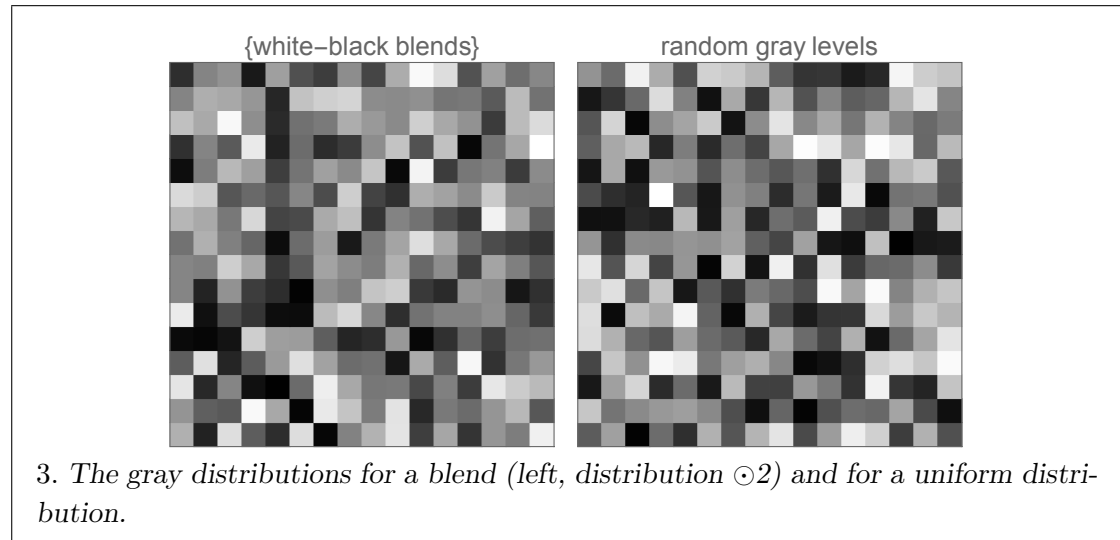
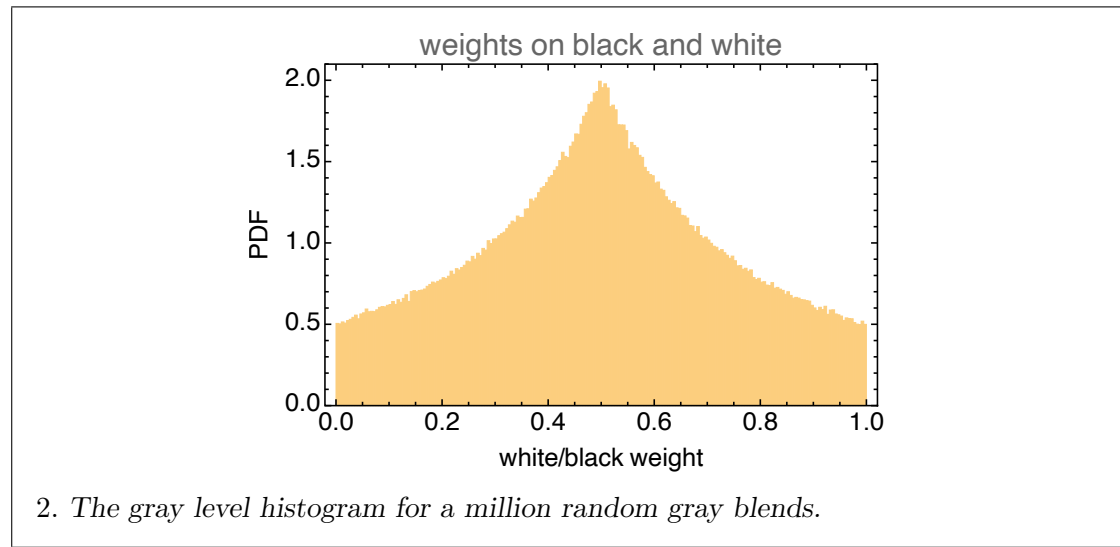
S2 Blending colors

With “blending” colors we indicate a function of n RGB colors $\{R_i, G_i, B_i\}$, and weights c_i , with $i = 1 \cdots n$ on a a blend color with coordinates

$$\frac{\sum_{i=1}^n c_i \{R_i, G_i, B_i\}}{\sum_{i=1}^n c_i}. \quad (1)$$

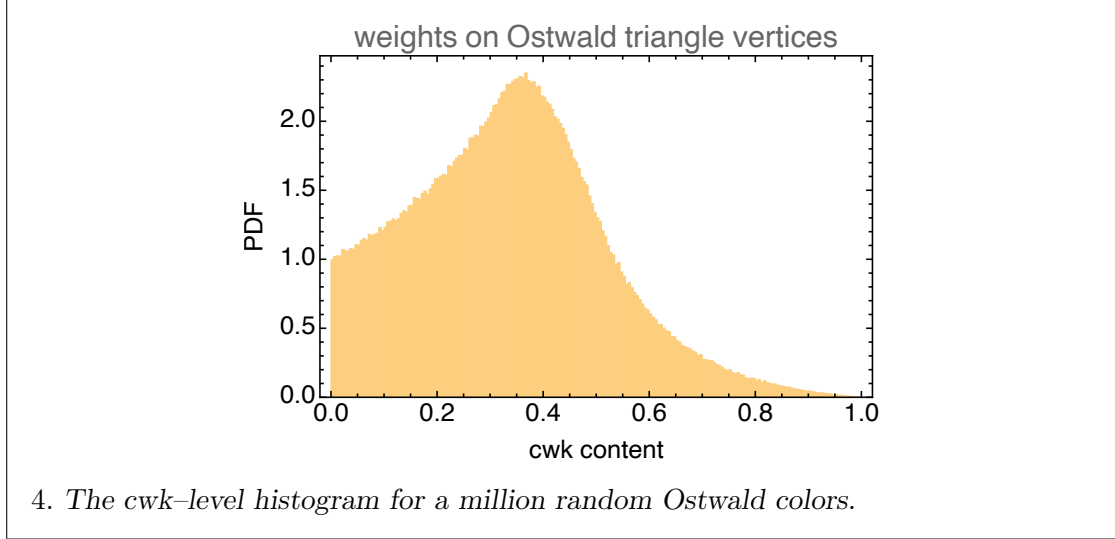
In most cases we draw the coefficients c_i from a uniform distribution on $[0, 1]$.

In the simplest case we blend white and black in order to obtain grays. From a million samples we obtain an estimate of the gray level distribution ($\odot 2$).

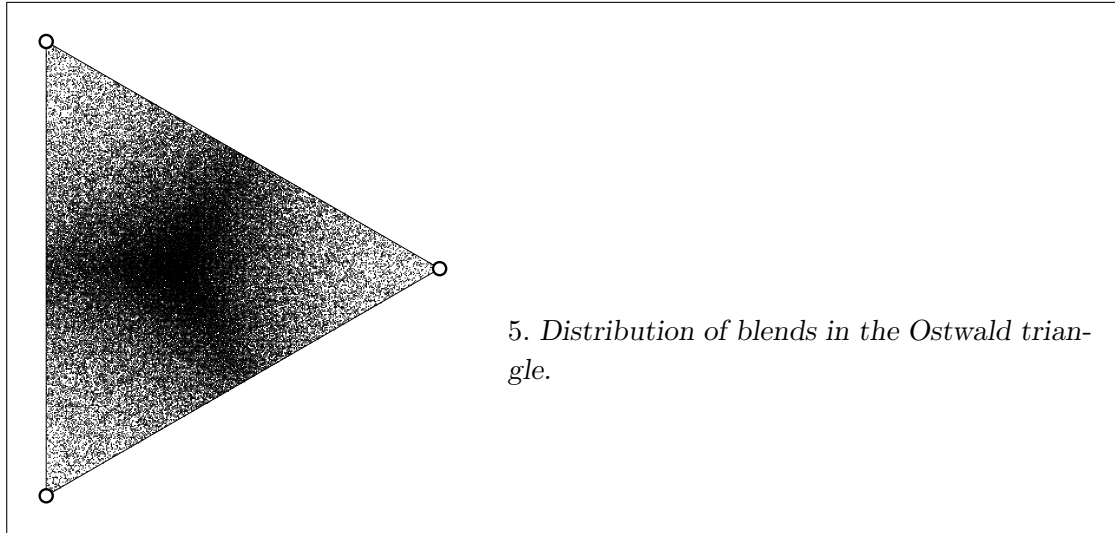


The gray level distribution is not uniform, it is concentrated about 50% gray, that is a light gray ($\odot 3$).

On the next level of complexity we consider an Ostwald color triangle, which is a blend between a “full color”, white and black with weights c (“color content”), w (“white content”) and k (“black content”) with $c + w + k = 1$.

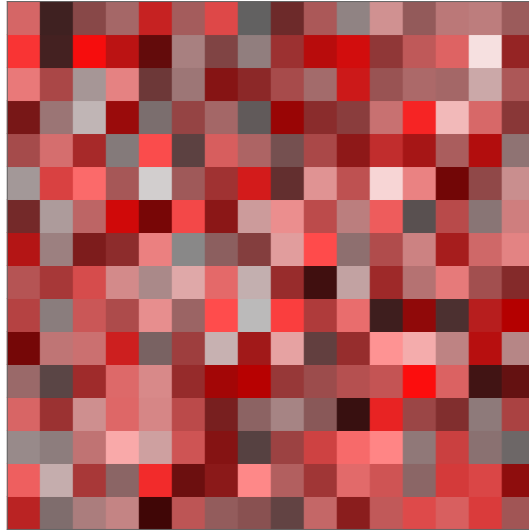


From a million samples we obtain an estimate of the distribution of the Ostwald coordinates $\{c, w, k\}$ ($\odot 4$). These three coordinates follow the same distribution, which is again far from being uniform.



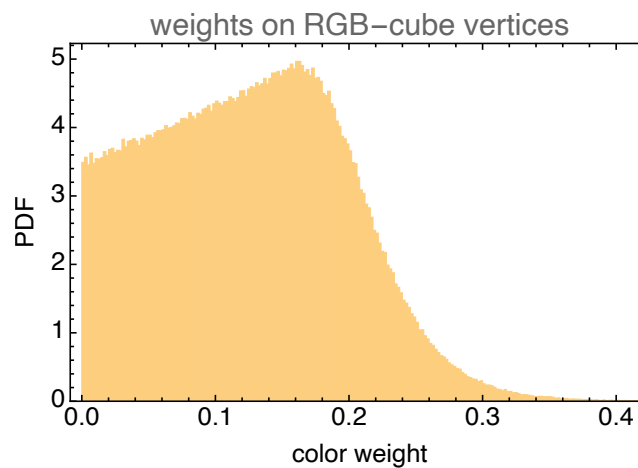
The distribution peaks at the barycenter of the Ostwald triangle, whereas one also notices concentrations to mid-gray, mid-shade and mid-tint ($\odot 5$). This is visually

evident from a sample (using red for the full color, $\odot 6$). The gamut is rather subdued, with only rare white, black and red outliers. Most of the blends are muddy tints or shades of red.



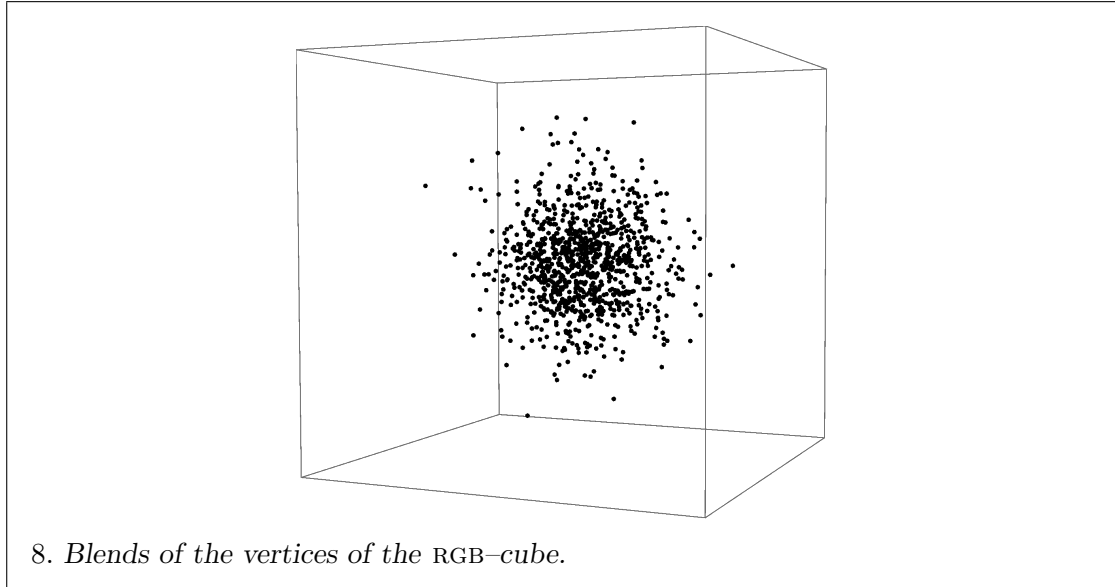
6. The colorblends in the Ostwald triangle (full color red).

As a more complex example we consider blends of the vertices of the RGB-color cube. These are the eight colors red, green, blue, cyan, magenta, yellow, white and black. Again, the distribution of the RGB-vertex weights (same for all eight) is far from uniform ($\odot 7$).



7. The RGB-cube vertex weights histogram for a million blends of the eight RGB-cube vertices.

As a result, the RGBCMYWK-blends concentrate strongly about the mid-gray barycenter of the RGB-cube ($\odot 8$).



Thus the blended samples are a very different gamut from what is obtained by drawing the RGB-coordinates from a uniform distribution on $[0, 1]$ ($\odot 9$).



The blend colors are similar to what one finds in conventional painting. The perhaps “obvious” RGB-colors with color coordinates drawn from a uniform distribution have a very different composition. The latter look definitely “loud” or even “garish.” That is why we prefer blended random colors in the experiment: they make better artistic sense.

Note that one may easily derive explicit mathematical expressions⁷ for the distributions shown in $\odot 2$, $\odot 4$ and $\odot 7$. However, such a formal exercise is of little interest for the present purposes. It is easy enough to sample a million instances and derive accurate estimates of various statistical measures from those.

⁷This is the topic of “compositional data.” The grounding text is: J. Aitchison (1986), *The statistical analysis of compositional data*. Reprinted in 2003 by The Blackburn Press.

S3 Generating spatial noise patterns

Since we need fast updates of patterns we implement the generation in PROCESSING 3. PROCESSING 3 is a variety of JAVA that has been especially developed at M.I.T. for the use by artists and designers.⁸ It is an interpreted language (no compiling stage) that still runs fast via the p-code conversion. Garbage collection is automatic and really fast once the program had an initial run to enable some smart optimizations.

This makes it possible to develop effective programs very fast. A program like that used in the experiment would take one or two hours to develop, then we tweak interfaces and so forth during pilot runs. This requires important methodological decisions, so we may spend one or two weeks on that stage. Due to the structure it is easy and fast to make all kinds of algorithmic changes.

The noise patterns are essentially fractal Gaussian textures, thus they are best generated by way of the fourier spectrum. We generate a flat random spectrum, multiply with the required spectral envelope and do a reverse fourier transform. Since computations are in the complex domain this yield two (the real and imaginary parts) mutually uncorrelated images.

The time sensitive operations are the generation of the random spectrum and the fourier transform. In order to speed up the latter we use the FFT⁹ algorithm for a monochrome image (or pixel-array) of $2^n \times 2^n$ pixels. The random spectrum is obtained from a random generator of normal deviates. We generate two $2^n \times 2^n$ images to obtain a complex spectrum, thus we have to generate 2^{2n+1} random deviates.¹⁰ Then the inverse FFT yields two statistically independent random pixel-arrays.

We repeat the process until we have a sufficient number of random pixel-arrays. Then we do the blending process (equation 1) in order to obtain an RGB-image.

We use $n = 9$ (512×512 pixel images), then the generation of a fresh image takes 1115ms on a Macbook Pro Retina, 15-inch, Mid 2015. An implementation in SWIFT would be significantly faster on a mac powerbook, but the PROCESSING 3

⁸C. Reas and B. Fry (2014), *Processing: A Programming Handbook for Visual Designers*, Second Edition, Published December 2014, The MIT Press.

⁹Fast Fourier Transform. By far the most commonly used FFT is the Cooley-Tukey algorithm. (J.W. Cooley, J.W. Tukey (1965), *An algorithm for the machine calculation of complex Fourier series*. Mathematics of Computation. 19 (90): 297–301.) We use JTransforms, which is the first, open source, multithreaded FFT library written in pure Java.

¹⁰We use a permuted congruential generator (PCG), that is a pseudorandom number generation algorithm developed in 2014 which applies an output permutation function to improve the statistical properties of a modulo some power of two linear congruential generator. It is both fast and has superior statistical properties. (Melissa E. O'Neill(5 September 2014). *PCG: A Family of Simple Fast Space-Efficient Statistically Good Algorithms for Random Number Generation* (Technical report). Harvey Mudd College. HMC-CS-2014-0905.)

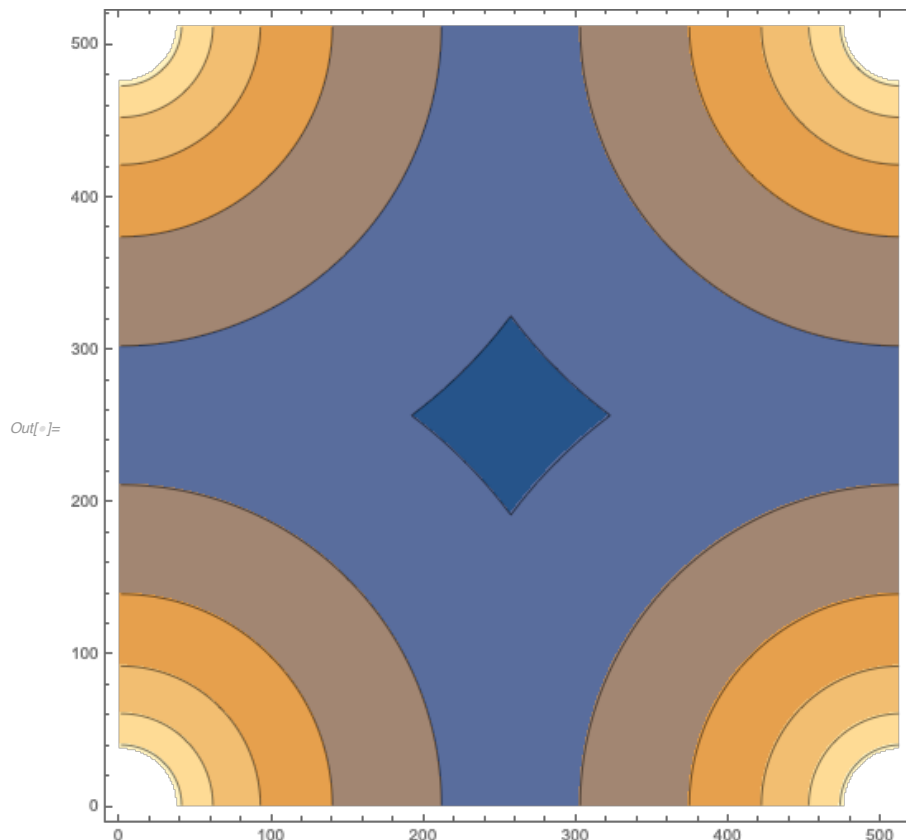
program is amply sufficient for the task.

To be complete we show a simple Mathematica function in 10–13. It can easily be used as a guide to implement the algorithm in any language of choice.

```

In[ ]:= spectralEnvelope =
Module[
{ampl, fftIndgen, env, size = 512, fract = 0.6},
fftIndgen[m_] := Flatten[{Range[0., m/2.], -Reverse[Range[1., m/2. - 1]]}];
ampl[{kx_, ky_}] := If[kx == 0 && ky == 0, 0, (kx^2 + ky^2)^(-fract)];
env = Map[ampl, Outer[List, fftIndgen[size], fftIndgen[size]], {2}];
env / Total[Flatten[env]]
];
Image[ListContourPlot[Log[spectralEnvelope]], ImageSize -> 512]

```



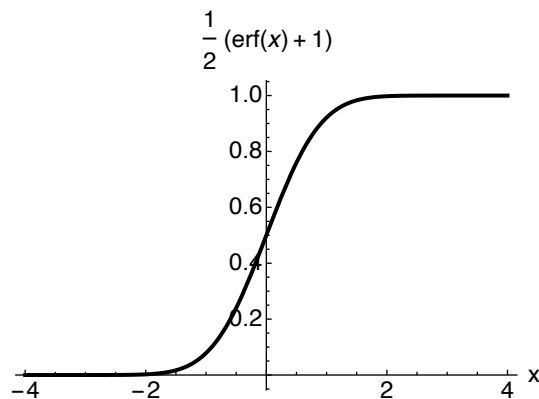
10. The spectral envelope for a fractal signal algorithm in Mathematica. It need be computed only once, thus it does not contribute to the time required from an image generation. (the pixelcounts 1...512 represent the frequencies in the standard conventional sequence.)

```

In[*]:= twoRandomImages[] :=
Module[
{spectrum, signal, sd, n = 512},
spectrum = (* random normal deviates *)
Table[
Map[Apply[Complex, #] &, RandomVariate[NormalDistribution[0., 1.], {n, 2}]],
n
];
spectrum[[1, 1]] = 0; (* force zero DC level *)
signal = InverseFourier[spectralEnvelope*spectrum]; (* compute fractal *)
sd = Variance[Map[Re, Flatten[signal]]] + Variance[Map[Im, Flatten[signal]]];
signal = signal/Sqrt[sd]; (* normalize *)
{(* soft clip results to [0,1] *)
Map[(Erf[Re[#]] + 1) / 2 &, signal, {2}],
Map[(Erf[Im[#]] + 1) / 2 &, signal, {2}]
}
]

```

11. The random texture algorithm in Mathematica. We fill an image buffer with random, normally distributed, complex numbers. We multiply with the spectral envelope (⊙10) and set the zero frequency power to zero. Then an inverse fourier transform yields a 2D fractal signal. Finally we normalize by the variance and do a soft clip (⊙12) on the real and imaginary parts. This yields two real image buffers.

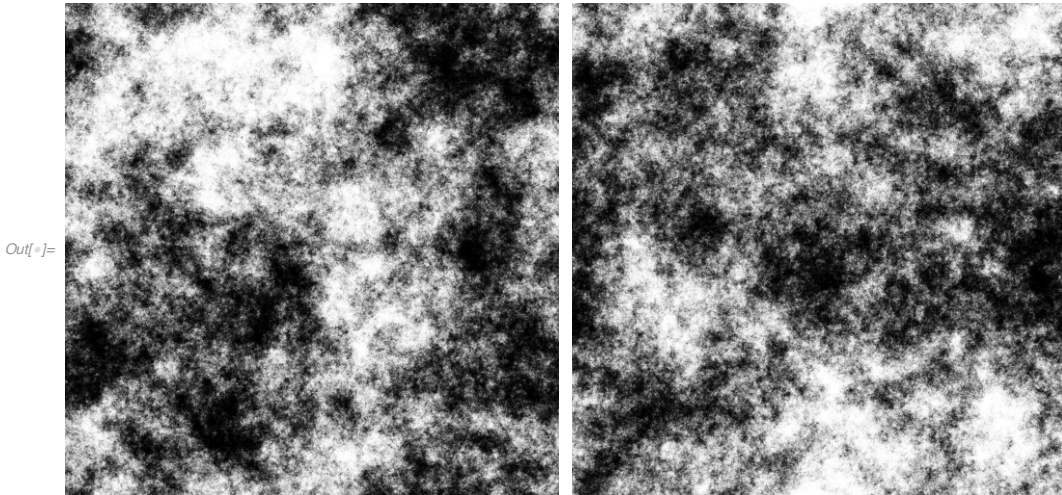


12. The soft clipping function maps $(-\infty, +\infty)$ on $(0, 1)$.


```

In[*]:= {timeTaken, {image1, image2}} = Timing[twoRandomImages[]];
Print[timeTaken];
Grid[{{Image[image1, ImageSize -> 300], Image[image2, ImageSize -> 300]}]}
1.10711

```



13. A run of the random texture algorithm in Mathematica. It takes 1.1s to generate two 512×512 images.

In $\odot 13$ we show a result. Note that the algorithm $\odot 11$ includes a soft clipping ($\odot 12$) in order to avoid under and over flows of pixel values.

S4 Generating random mosaic patterns

The generation of random mosaics was again implemented in PROCESSING 3. The mosaics are Voronoi diagrams¹¹ computed for a cloud of four-hundred (roughly twenty by twenty on a five-twelve square pixel array) uniformly distributed random points.

We compute the Voronoi diagrams with the MESH package developed in JAVA on the basis of the QuickHull algorithm¹² by Lee Byron.¹³

Apart from the image generation the program is identical to that used for the generation of spatial noise patterns. This is quite fast. A fresh image is generated in 93ms on a Macbook Pro Retina, 15-inch, Mid 2015.

To be complete we show a simple Mathematica function in \odot 14. It can easily be used as a guide to implement the algorithm in any language of choice.

```
mosaic[n_] :=  
Module[  
  {rndLocs, vm, v, f},  
  (* Generate random locations *)  
  rndLocs = Table[RandomReal[{0, 1}, {2}], {n}];  
  (* Compute Voronoi mesh *)  
  vm = VoronoiMesh[rndLocs, {{0, 1}, {0, 1}}];  
  (* Extract lists of vertices and faces *)  
  v = MeshCoordinates[vm];  
  f = Map[Flatten, MeshCells[vm, 2] /. Polygon -> List];  
  (* Draw using random gray levels *)  
  Graphics[Map[{GrayLevel[RandomReal[]], Polygon[v[[#]]]} &, f]]  
]
```

14. The Voronoi mosaic algorithm in Mathematica.

A run of the algorithm is shown in \odot 15.

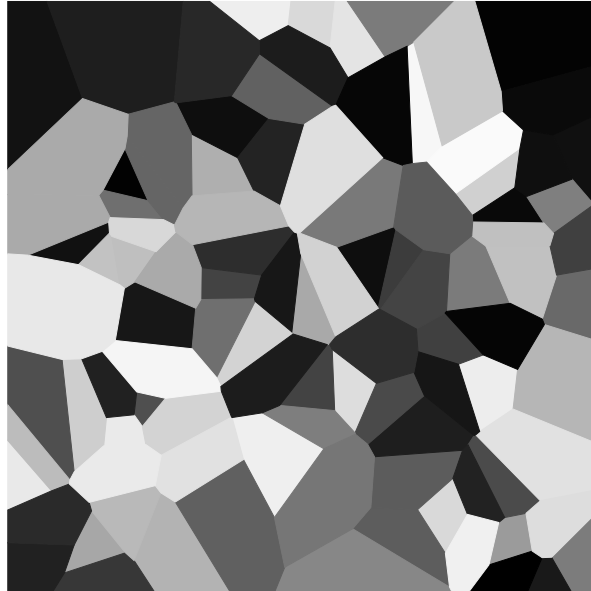
¹¹F. Aurenhammer (1991), *Voronoi Diagrams — A Survey of a Fundamental Geometric Data Structure*. ACM Computing Surveys. 23 (3): 345–405.

¹²Quickhull is a method of computing the convex hull of a finite set of points in n-dimensional space. The name derives from Quicksort, a sorting algorithm that uses a divide and conquer approach.

¹³See <https://leebyron.com/mesh/>.

```
In[•]:= Timing[mosaic[100]]
```

```
Out[•]:= {0.003103,
```



15. A run of the Voronoi algorithm in Mathematica. It takes 3.1ms to generate an image based upon a 100 random locations.

S5 The foreground images

The foreground shapes are generated as random, low order, wave-patterns of the quantum-mechanical two-dimensional harmonic oscillator.¹⁴

This is not too important, for such foreground patterns could be generated in many ways with similar results. Most satisfying is free-hand drawing, but — unfortunately — such methods are not tolerated in a formal, scientific setting. That is because they are one-time actions that could never be exactly repeated. At least here we have a well defined — albeit stochastic — algorithm.

We define the Hermite functions $\psi(x, n)$ as

$$\psi(x, n) = \frac{H_n(x)e^{-\frac{x^2}{2}}}{\sqrt{2^n n!} \sqrt{\pi}}, \quad (2)$$

where $H_n(x)$ denotes the conventional Hermite polynomials.¹⁵ The two-dimensional functions $\psi_{nm}(x, y)$ are simply defined as $\psi(x, n)\psi(y, m)$. They are immediately available in Mathematica ($\odot 16$). In other languages one uses the convenient recurrence relation $H_{n+1}(x) = 2xH_n(x) - 2nH_{n-1}(x)$, with $H_0(x) = 1$ and $H_1(x) = 2x$.

```

In[ ]:= hermiteFunction[x_, n_] :=  $\frac{\text{HermiteH}[n, x] e^{-\frac{x^2}{2}}}{\sqrt{2^n n!} \sqrt{\pi}}$ 

In[ ]:= hermiteBasisVector2D[x_, y_, n_, m_] := hermiteFunction[x, n] * hermiteFunction[y, m];
16. The Hermite functions in Mathematica.

```

A straightforward implementation in Mathematica ($\odot 17$) is slow ($\odot 18$), but has the advantage that the algorithm can easily be copied in algorithmic languages like JAVA. We simply add Hermite functions up to a certain order with random coefficients. We normalize the result, apply a soft clipping on $[-1, +1]$ and discard the negative part.

¹⁴D.J. Griffiths (2004), *Introduction to Quantum Mechanics* (2nd ed.). Prentice Hall.

¹⁵C. Hermite (1864). "Sur un nouveau développement en série de fonctions" [On a new development in function series]. C. R. Acad. Sci. Paris. 58: 93–100. Collected in *Oeuvres II*, 293–303.;

M. Abramowitz and I. Stegun (1964), *Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables*. United States Department of Commerce, National Bureau of Standards (NBS).

```

iconBuffer[cmplx_] :=
Module[
{
  k1, ran, buffer, sigma, origin, sd,
  size = 256, complexity = 4, maxOrder = 8, thresholdFG = 0.05
},
sigma = size / 12;
origin = size / 2;
k1 = Min[{cmplx, maxOrder]];
buffer = Table[0., {size}, {size]];
Do[
Do[
ran = RandomReal[{-1, 1}];
Do[
buffer[[i, j]] +=
N[
ran *
hermiteBasisVector2D[
N[(i - origin) / sigma],
N[(j - origin) / sigma],
n,
k - n
]
],
{i, 1, size}, {j, 1, size}
],
{n, 0, k}
],
{k, 0, k1}
];
sd = StandardDeviation[Flatten[buffer]];
Table[
With[
{val = Erf[buffer[[i, j]] / (thresholdFG sd Sqrt[2])]},
If[val > 0, val, 0]
],
{i, 1, size}, {j, 1, size}
]
]

```

17. A straightforward Mathematica implementation, easy to copy in other languages.

```
In[•]:= Timing[Image[iconBuffer[4]]]
```

```
Out[•]= {43.2887, }
```



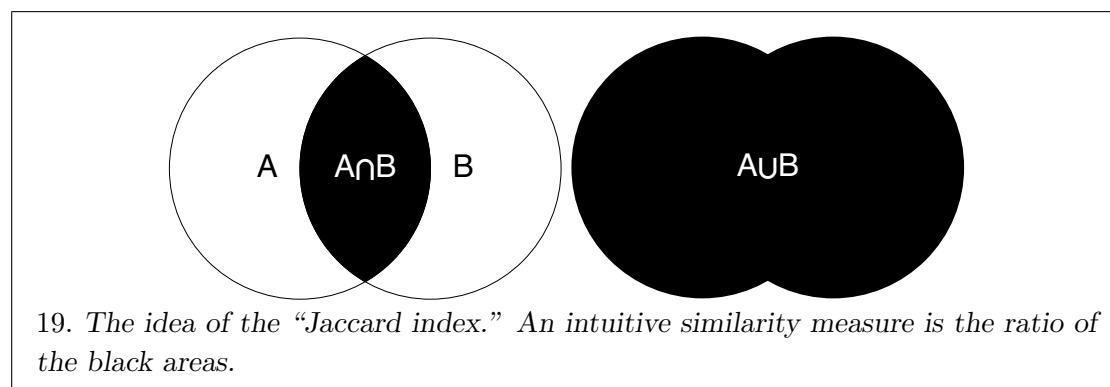
18. This implementation is quite slow, here it takes 43s. Implementations in languages like JAVA are much faster.

S6 The Jaccard index and related measures

The Jaccard¹⁶ index specifies the overlap of two sets as the ratio of the cardinality of the intersection, divided by that of the union.

$$J(A, B) = \frac{|A \cap B|}{|A \cup B|} = \frac{|A \cap B|}{|A| + |B| - |A \cap B|}, \quad (3)$$

thus ranges from 0 (nothing in common) to 1 (same sets).¹⁷ The Jaccard index is widely applied in cases binary or binarized data is used.



The Jaccard distance is a useful measure of dissimilarity. It is complementary to the Jaccard coefficient, thus one has¹⁸

$$d_J(A, B) = 1 - J(A, B) = \frac{|A \cup B| - |A \cap B|}{|A \cup B|}. \quad (4)$$

The Jaccard index is often applied in the case of two objects with n binary attributes each. One counts occurrences of value pairs 0,0, 1,0, 0,1 and 1,1, from which the Jaccard index readily follows.

For numerical vectors we may use related measures, here we use the Ruzicka Similarity.¹⁹ The Ruzicka Similarity²⁰ of two vectors (x_1, x_2, \dots, x_n) and

¹⁶P. Jaccard, (1901), *Étude comparative de la distribution florale dans une portion des Alpes et des Jura*. Bulletin de la Société vaudoise des sciences naturelles, 37, 547–579.

¹⁷When A and B are empty sets one defines $J(A, B) = 1$.

¹⁸An alternative interpretation of the Jaccard distance is as the ratio of the size of the symmetric difference to the union.

¹⁹A useful reference is:

Sung-Hyuk Cha (2007), *Comprehensive Survey on Distance/Similarity Measures between Probability Density Functions*. International Journal of Mathematical Models and Methods In Applied Sciences 4(1), 300–307.

²⁰A useful paper is:

Manjeet and Jaswinder Singh (2014), *Relevancy Measurement of Retrieved Webpages Using Ruzicka Similarity Measure*. International Journal of Engineering Research & Technology (IJERT) 3(7), 1520–1523.

(y_1, y_2, \dots, y_n) , with $x_i, y_i \geq 0$ is defined as

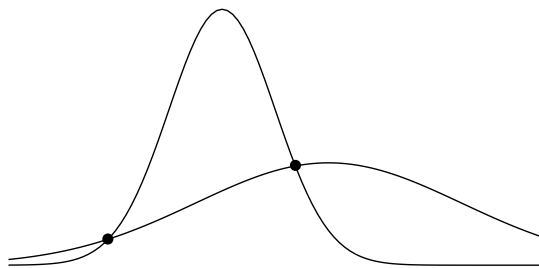
$$R = \frac{\sum_i \min(x_i, y_i)}{\sum_i \max(x_i, y_i)}. \quad (5)$$

Note the “family resemblance” to the Jaccard intuition.

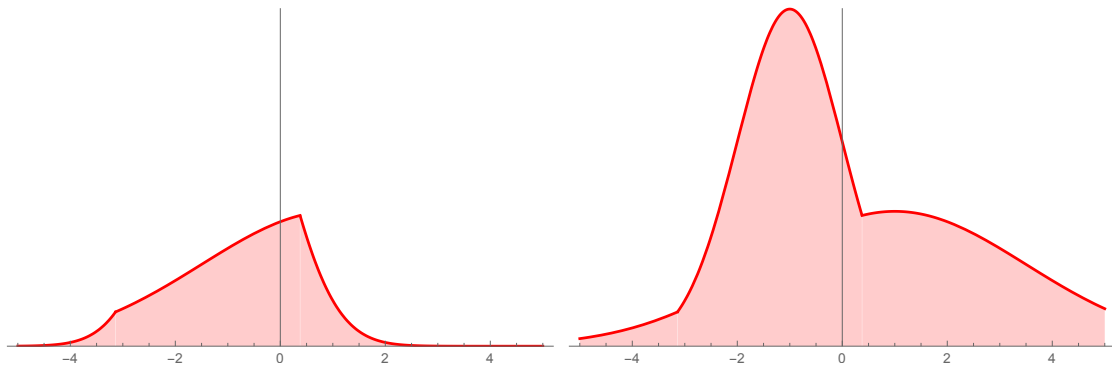
That such a measure “makes sense” is clear when one tries examples that should yield intuitive results. Simple cases include the similarity between normal distributions

$$g(x, \bar{x}, \sigma) = \frac{e^{-\frac{(x-\bar{x})^2}{2\sigma^2}}}{\sigma\sqrt{2\pi}}, \quad (6)$$

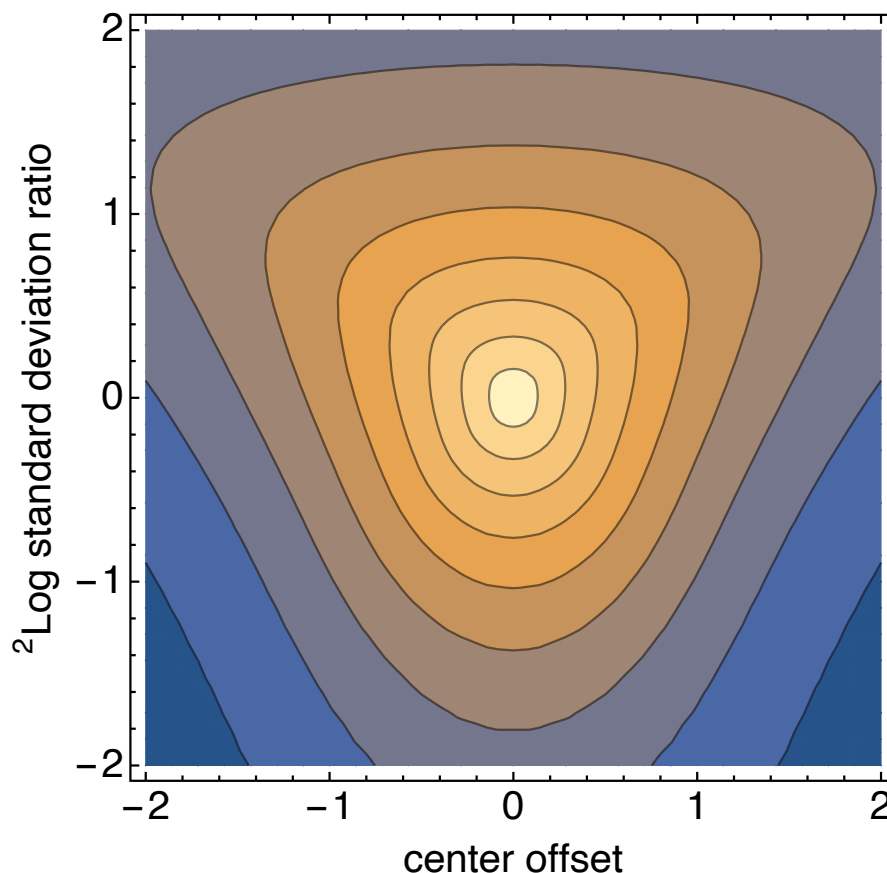
consider $g(x, 0, 1)$ and $g(x, u, 2^v)$. Here is an example:



The Ruzicka Similarity is the ratio of the integrals of the minimum and maximum levels:



As we vary the locations (u parameter) and widths (v parameter) of the variable function we obtain a nice mapping of the values of the Ruzicka Similarity:



Apparently the measure nicely picks out the point of equality and takes account of both location and width to get at the similarity. The analogy to the Jaccard intuition is immediate.

There exist many measures of (dis-)similarity between numerical vectors. The decision to use a particular one should be based on one's understanding of the domain and the nature of the application. Relevant notions of discriminability, robustness and variability are best studied by way of simulations (resampling and so forth).

S7 Actual color names used by the participants

Here are the color names — repeats deleted — that were actually used by participants for preferred or disliked colors (including typos):

angry violet
black
blau
blue
blue & green
bluish-grayish
braun
brown
cerulian blue
context dep.
darkblue
darkgray & black
darkyellow
dunkelblau
flieder, red
gelb
gray
green
intense light green
khaki
lightblue
lightgray
lightyellow
limegreen
magenta
may green
neon green
noone
no pref
orange
pastel green
petrol
pink
pink-violet
purple
red

reseda green
rosa
rot
schwarz
teal/Turquoise
turquoise
violet
yellow
yellow–brown
yellow–green
yellowish–green

It is apparently not that easy to get such responses in some common format.

For instance, “context dep.” or “no pref” are hardly colors. “Noone” is most likely “none” (indicating “no preference”), but there actually exists a color name “noone,” cited as #6F89BF.²¹ Since it is a single case it will not have an appreciable impact on the results.

For names like “angry violet,” “flieder,” “petrol,” and so forth, we tend to find several interpretations. However, such differences tend to cancel out under mild coarse–graining.

Indeed, we may have committed slight slips of interpretation, but on the whole it is not hard to move to a fairly coarse common format. The list we finally used is:

black
blue
brown
cyan
deep blue
gray
green
light blue
light green
light purple
orange
pale yellow

²¹The conventional hexadecimal RGB designation.

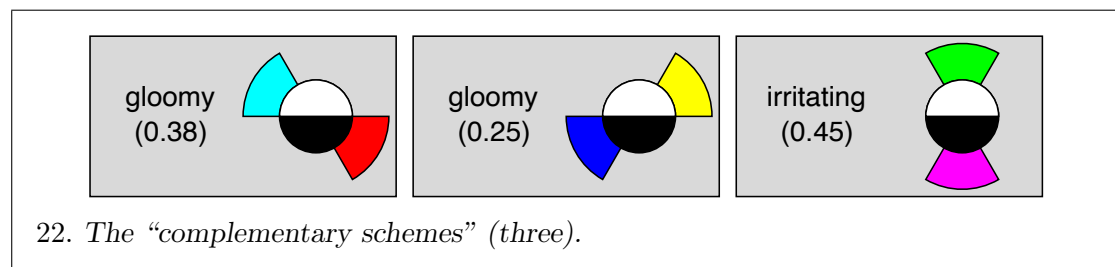
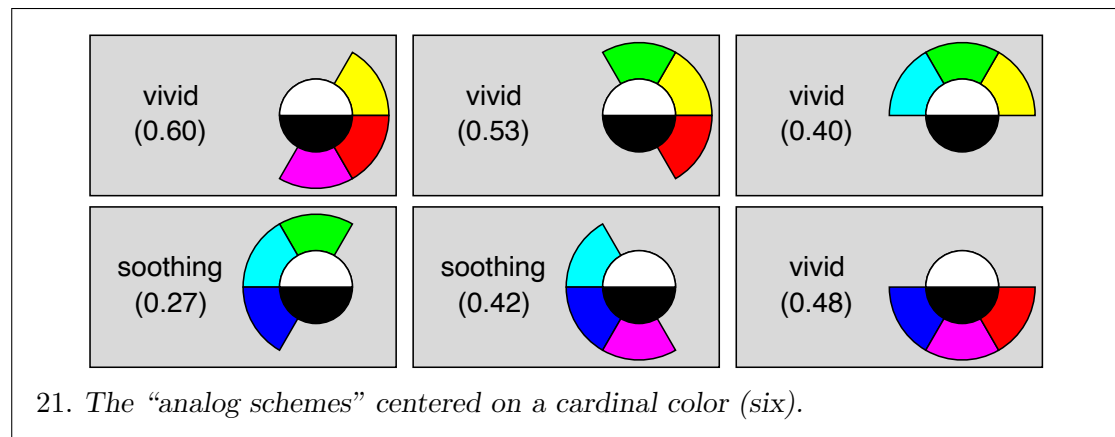
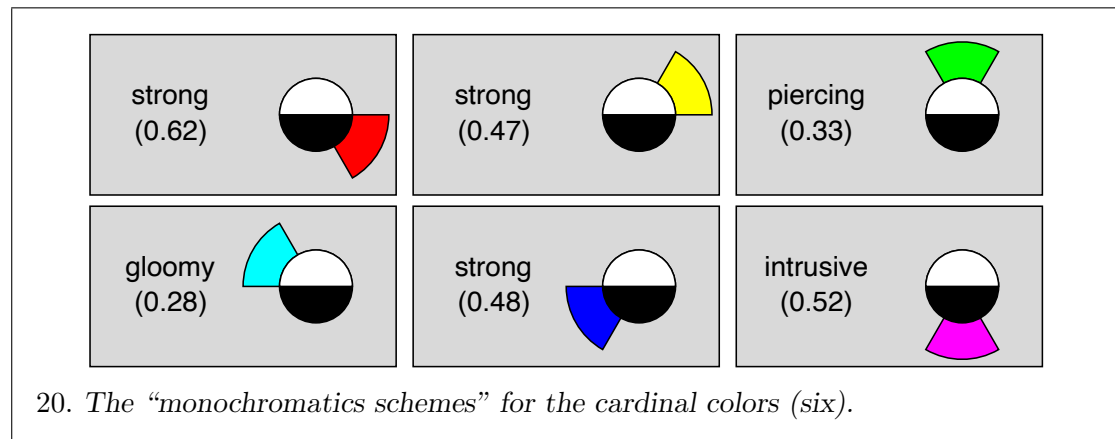
pink
purple
red
teal
white
yellow
yellowish green

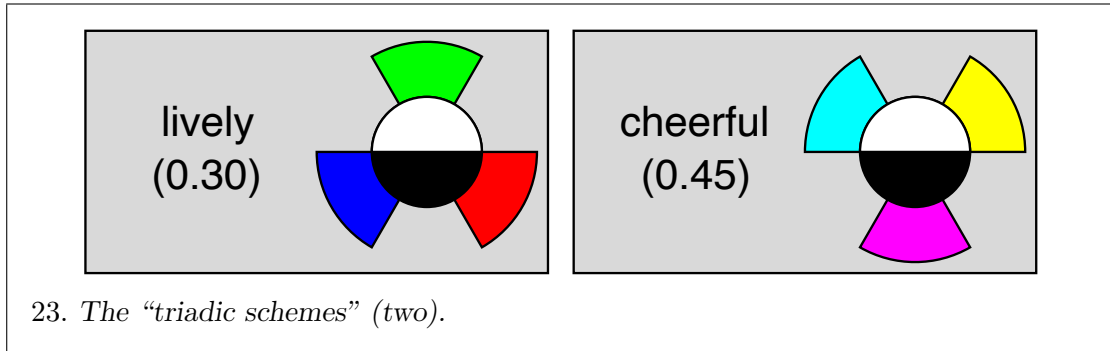
By means of a variety of methods (translation, combining synonyms, using color name lists, ...) it is fairly easy to do the normalization.

S8 Some classical color schemes

There are a few color schemes that are encountered again and again in the literature on design. Unfortunately, we cannot find all of these among our stimulus set. However, some of the more important ones certainly occur.

Here are the ratings obtained in the present study (☉20 through ☉23).





Because we limit ourselves to the six-step color circle, there are six monochromatic schemes, six analog schemes, three complementary schemes and only two triadic schemes. Some conventional schemes (the “split complementary scheme,” the “analog with complementary accent scheme,” and various others) are not possible. That is why it might make sense to repeat the study for a twelve-step color circle. The responses are discussed in the paper, so we only gloss over these here:

- The monochromatic schemes for red, yellow and blue are experienced as “strong.” Magenta is “intrusive,” and green “piercing.” For cyan the rating is “gloomy,” but the responses are fairly close to the neutral level.
- As the monochromatic schemes are broadened to “analog” schemes, the ratings are “vivid,” or, in the case of cyan and blue “soothing.” The scheme on red is the strongest, but all these schemes are quite strong, except for that on cyan, which is the weakest.
- The complementary schemes are experienced as “gloomy” (red-cyan and yellow-blue), albeit not very strongly. The green-magenta scheme is considered “irritating,” and rather strongly so.
- Triadic schemes are complicated and are mostly used with one of the three elements pitted against the remaining pair. That is impossible to find among our stimuli, all triads give the three elements equal weight. There are only two triadic schemes possible in our setup. Red-green-blue is rated as somewhat “lively,” whereas yellow-cyan-magenta is considered rather “cheerful.”

All the classical schemes lead to fairly well defined experiences. Might there be some degree of agreement with the classical literature? Perhaps unfortunately, we are unable to answer that, mainly because there is no consensus in the literature.

What the literature on the craft of color harmony (e.g., interior design, creation of color schemes for cloth, ...) tells one is how to construct certain families of schemes, often by means of simple geometrical configurations in the color circle.²² That seems to make some intuitive sense. At the very least it allows one to

²²This is questionable, because there is no consensus on the mensuration of the color circle.

construct a variety of schemes in a well defined manner.²³ The affective meaning — if any — is left to the user.

What users aim for is “harmony” (whatever that may mean), how to identify “jarring” schemes and how to add spice to a dull combination. That suggests one should attempt to probe a simpler set of categories, or change the task. For instance, one might try to let people (in a somewhat constrained manner) “spice up” a dull scheme, “tone down” a jarring scheme, or find a color that “goes” well with some given one.

It may also well be that the affective meaning of a spatio-chromatic design depends as much on the spatial as on the chromatic scheme — and perhaps there interaction. That appears to pose a worthwhile problem for the phenomenology of pictorial perception.

There is certainly a consensus on the order, but there is already a disagreement on complementary.

²³There are also books with huge numbers of — what seem to us — almost random combinations with either fancy names, or some alphanumeric index. The advantage of the books that propose simple schemes certainly have the advantage of brevity. Moreover, they obviate the use of voluminous samples.

S9 All data

We add a table with all relevant data. The meanings of the table headings are:

participant simply an anonymous index in the range 1 ... 60;

gender either "F" (female) or "M" (male);

age the age of the participant;

color preferences a pair of colors, preferred–disliked. The colors are in the conventional hexadecimal format. These responses have been normalized as explained in the text of the paper.

item the color chord in the notation explained in the paper;

response profile This is a string of 7 numerals in the range 1 ... 5. These are the selections on the Likert scale ("3" is *neutral*) for the categories:

1. soothing-irritating
2. weak-strong
3. dull-vivid
4. subdued-intrusive
5. calm-lively
6. blunt-piercing
7. gloomy-cheerful

Thus each line represents quite a bit of effort on the account of the participant. Although the experiment will no doubt seem trivial to some, it really involves a major effort. Of course, it cannot be rated as "science," because all data (except for age, gender and the stimulus parameters) are intrinsically subjective. No amount of statistical measures can change that, although it perhaps would look more impressive.

As this essentially wraps up the raw data, it should enable anyone to re-derive our analytical results.

	participant	gender	age	color preferences	item	response profile
1	1	F	61	0000FF-FF00FF	KW	5125533
2	1	F	61	0000FF-FF00FF	KWY	1212214
3	1	F	61	0000FF-FF00FF	KWG	4245534
4	1	F	61	0000FF-FF00FF	KWC	5444444
5	1	F	61	0000FF-FF00FF	KWB	5445544
6	1	F	61	0000FF-FF00FF	KWM	1232315
7	1	F	61	0000FF-FF00FF	KWR	3334442
8	1	F	61	0000FF-FF00FF	KWYG	3333333
9	1	F	61	0000FF-FF00FF	KWYC	2233444
10	1	F	61	0000FF-FF00FF	KWYB	2222224
11	1	F	61	0000FF-FF00FF	KWYM	2444444
12	1	F	61	0000FF-FF00FF	KWYR	3444443
13	1	F	61	0000FF-FF00FF	KWGC	4444443
14	1	F	61	0000FF-FF00FF	KWGB	4334444
15	1	F	61	0000FF-FF00FF	KWGM	2343444
16	1	F	61	0000FF-FF00FF	KWGR	4444444
17	1	F	61	0000FF-FF00FF	KWCB	4344444
18	1	F	61	0000FF-FF00FF	KWCM	4443333
19	1	F	61	0000FF-FF00FF	KWCR	4434455
20	1	F	61	0000FF-FF00FF	KWBM	2534434
21	1	F	61	0000FF-FF00FF	KWBR	4433444
22	1	F	61	0000FF-FF00FF	KWMR	4344444
23	1	F	61	0000FF-FF00FF	KWYGC	2432343
24	1	F	61	0000FF-FF00FF	KWYGB	3333334
25	1	F	61	0000FF-FF00FF	KWYGM	2222224
26	1	F	61	0000FF-FF00FF	KWYGR	2423244
27	1	F	61	0000FF-FF00FF	KWYCB	4444444
28	1	F	61	0000FF-FF00FF	KWYCM	2222223
29	1	F	61	0000FF-FF00FF	KWYCR	3324432
30	1	F	61	0000FF-FF00FF	KWYBM	3213232
31	1	F	61	0000FF-FF00FF	KWYBR	1122324
32	1	F	61	0000FF-FF00FF	KWYMR	3124333
33	1	F	61	0000FF-FF00FF	KWGCB	3443324
34	1	F	61	0000FF-FF00FF	KWGCM	3224432
35	1	F	61	0000FF-FF00FF	KWGCR	2333443
36	1	F	61	0000FF-FF00FF	KWGBM	4334434
37	1	F	61	0000FF-FF00FF	KWGBR	4433333
38	1	F	61	0000FF-FF00FF	KWGMR	3344233
39	1	F	61	0000FF-FF00FF	KWCBM	4444444
40	1	F	61	0000FF-FF00FF	KWCBR	3324243
41	1	F	61	0000FF-FF00FF	KWCMR	2222233
42	1	F	61	0000FF-FF00FF	KWBMR	2423234
43	2	M	76	0000FF-FF8080	KW	4545545
44	2	M	76	0000FF-FF8080	KWY	3333333
45	2	M	76	0000FF-FF8080	KWG	4443333
46	2	M	76	0000FF-FF8080	KWC	4444444
47	2	M	76	0000FF-FF8080	KWB	5334433
48	2	M	76	0000FF-FF8080	KWM	2331213
49	2	M	76	0000FF-FF8080	KWR	2123122
50	2	M	76	0000FF-FF8080	KWYG	3222222

	participant	gender	age	color preferences	item	response profile
51	2	M	76	0000FF-FF8080	KWYC	5334432
52	2	M	76	0000FF-FF8080	KWYB	4545455
53	2	M	76	0000FF-FF8080	KWYM	4434432
54	2	M	76	0000FF-FF8080	KWYR	3113132
55	2	M	76	0000FF-FF8080	KWGC	4333333
56	2	M	76	0000FF-FF8080	KWGB	3344433
57	2	M	76	0000FF-FF8080	KWGM	3333333
58	2	M	76	0000FF-FF8080	KWGR	3343333
59	2	M	76	0000FF-FF8080	KWCB	5334533
60	2	M	76	0000FF-FF8080	KWCM	3333332
61	2	M	76	0000FF-FF8080	KWCR	4545544
62	2	M	76	0000FF-FF8080	KWBM	4334433
63	2	M	76	0000FF-FF8080	KWBR	3112122
64	2	M	76	0000FF-FF8080	KWMR	2112121
65	2	M	76	0000FF-FF8080	KWYGC	3312222
66	2	M	76	0000FF-FF8080	KWYGB	3333333
67	2	M	76	0000FF-FF8080	KWYGM	5434433
68	2	M	76	0000FF-FF8080	KWYGR	2333333
69	2	M	76	0000FF-FF8080	KWYCB	4434444
70	2	M	76	0000FF-FF8080	KWYCM	3333233
71	2	M	76	0000FF-FF8080	KWYCR	3444444
72	2	M	76	0000FF-FF8080	KWYBM	2433333
73	2	M	76	0000FF-FF8080	KWYBR	2333333
74	2	M	76	0000FF-FF8080	KWYMR	3113221
75	2	M	76	0000FF-FF8080	KWGCB	4334533
76	2	M	76	0000FF-FF8080	KWGCM	3344434
77	2	M	76	0000FF-FF8080	KWGCR	4443443
78	2	M	76	0000FF-FF8080	KWGBM	3133433
79	2	M	76	0000FF-FF8080	KWGBR	1333344
80	2	M	76	0000FF-FF8080	KWGMR	4443333
81	2	M	76	0000FF-FF8080	KWCBM	3333333
82	2	M	76	0000FF-FF8080	KWCBR	3444433
83	2	M	76	0000FF-FF8080	KWCMR	2323232
84	2	M	76	0000FF-FF8080	KWBMR	2112123
85	3	F	71	0000FF-FF8080	KW	4223344
86	3	F	71	0000FF-FF8080	KWY	3444343
87	3	F	71	0000FF-FF8080	KWG	4322242
88	3	F	71	0000FF-FF8080	KWC	2223233
89	3	F	71	0000FF-FF8080	KWB	3224344
90	3	F	71	0000FF-FF8080	KWM	1111111
91	3	F	71	0000FF-FF8080	KWR	4222233
92	3	F	71	0000FF-FF8080	KWYG	2224433
93	3	F	71	0000FF-FF8080	KWYC	4445554
94	3	F	71	0000FF-FF8080	KWYB	4324242
95	3	F	71	0000FF-FF8080	KWYM	4435555
96	3	F	71	0000FF-FF8080	KWYR	1414233
97	3	F	71	0000FF-FF8080	KWGC	4334332
98	3	F	71	0000FF-FF8080	KWGB	3334243
99	3	F	71	0000FF-FF8080	KWGM	3334443
100	3	F	71	0000FF-FF8080	KWGR	3224342

	participant	gender	age	color preferences	item	response profile
101	3	F	71	0000FF-FF8080	KWCB	4224243
102	3	F	71	0000FF-FF8080	KWCM	4344343
103	3	F	71	0000FF-FF8080	KWCR	3444344
104	3	F	71	0000FF-FF8080	KWBM	1111111
105	3	F	71	0000FF-FF8080	KWBR	3112132
106	3	F	71	0000FF-FF8080	KWMR	1114122
107	3	F	71	0000FF-FF8080	KWYGC	4223222
108	3	F	71	0000FF-FF8080	KWYGB	3434453
109	3	F	71	0000FF-FF8080	KWYGM	1434243
110	3	F	71	0000FF-FF8080	KWYGR	4444455
111	3	F	71	0000FF-FF8080	KWYCB	2434243
112	3	F	71	0000FF-FF8080	KWYCM	4434242
113	3	F	71	0000FF-FF8080	KWYCR	2444444
114	3	F	71	0000FF-FF8080	KWYBM	1334142
115	3	F	71	0000FF-FF8080	KWYBR	3224233
116	3	F	71	0000FF-FF8080	KWYMR	2111121
117	3	F	71	0000FF-FF8080	KWGCB	3343344
118	3	F	71	0000FF-FF8080	KWGCM	2444444
119	3	F	71	0000FF-FF8080	KWGCR	3444453
120	3	F	71	0000FF-FF8080	KWGBM	4433333
121	3	F	71	0000FF-FF8080	KWGBR	3323243
122	3	F	71	0000FF-FF8080	KWGMR	2222232
123	3	F	71	0000FF-FF8080	KWCBM	2223233
124	3	F	71	0000FF-FF8080	KWCBR	3444444
125	3	F	71	0000FF-FF8080	KWCMR	1232234
126	3	F	71	0000FF-FF8080	KWBMR	1111111
127	4	M	36	0000FF-FF8080	KW	4354555
128	4	M	36	0000FF-FF8080	KWY	2244234
129	4	M	36	0000FF-FF8080	KWG	4343433
130	4	M	36	0000FF-FF8080	KWC	2132212
131	4	M	36	0000FF-FF8080	KWB	5455544
132	4	M	36	0000FF-FF8080	KWM	3343444
133	4	M	36	0000FF-FF8080	KWR	5344442
134	4	M	36	0000FF-FF8080	KWYG	1121313
135	4	M	36	0000FF-FF8080	KWYC	3242123
136	4	M	36	0000FF-FF8080	KWYB	4445443
137	4	M	36	0000FF-FF8080	KWYM	4214231
138	4	M	36	0000FF-FF8080	KWYR	5434231
139	4	M	36	0000FF-FF8080	KWGC	1221324
140	4	M	36	0000FF-FF8080	KWGB	3242324
141	4	M	36	0000FF-FF8080	KWGM	2231223
142	4	M	36	0000FF-FF8080	KWGR	3232223
143	4	M	36	0000FF-FF8080	KWCB	5244423
144	4	M	36	0000FF-FF8080	KWCM	3333333
145	4	M	36	0000FF-FF8080	KWCR	1131224
146	4	M	36	0000FF-FF8080	KWBM	4443445
147	4	M	36	0000FF-FF8080	KWBR	3213233
148	4	M	36	0000FF-FF8080	KWMR	4122312
149	4	M	36	0000FF-FF8080	KWYGC	4112231
150	4	M	36	0000FF-FF8080	KWYGB	4334234

	participant	gender	age	color preferences	item	response profile
151	4	M	36	0000FF-FF8080	KWYGM	4213132
152	4	M	36	0000FF-FF8080	KWYGR	5325442
153	4	M	36	0000FF-FF8080	KWYCB	5434544
154	4	M	36	0000FF-FF8080	KWYCM	1222112
155	4	M	36	0000FF-FF8080	KWYCR	4213121
156	4	M	36	0000FF-FF8080	KWYBM	4433442
157	4	M	36	0000FF-FF8080	KWYBR	4223241
158	4	M	36	0000FF-FF8080	KWYMR	4223232
159	4	M	36	0000FF-FF8080	KWGCB	4344545
160	4	M	36	0000FF-FF8080	KWGCM	3233243
161	4	M	36	0000FF-FF8080	KWGCR	2433232
162	4	M	36	0000FF-FF8080	KWGBM	1241324
163	4	M	36	0000FF-FF8080	KWGBR	4222132
164	4	M	36	0000FF-FF8080	KWGMR	3212121
165	4	M	36	0000FF-FF8080	KWCBM	4244535
166	4	M	36	0000FF-FF8080	KWCBR	2232325
167	4	M	36	0000FF-FF8080	KWCMR	3443224
168	4	M	36	0000FF-FF8080	KWBMR	4334433
169	5	F	29	00FFFF-808080	KW	4333334
170	5	F	29	00FFFF-808080	KWY	1343324
171	5	F	29	00FFFF-808080	KWG	3343354
172	5	F	29	00FFFF-808080	KWC	2132313
173	5	F	29	00FFFF-808080	KWB	3232134
174	5	F	29	00FFFF-808080	KWM	3344224
175	5	F	29	00FFFF-808080	KWR	3233324
176	5	F	29	00FFFF-808080	KWYG	1123343
177	5	F	29	00FFFF-808080	KWYC	1123343
178	5	F	29	00FFFF-808080	KWYB	3343343
179	5	F	29	00FFFF-808080	KWYM	2222323
180	5	F	29	00FFFF-808080	KWYR	3122253
181	5	F	29	00FFFF-808080	KWGC	3232223
182	5	F	29	00FFFF-808080	KWGB	2342323
183	5	F	29	00FFFF-808080	KWGM	2342334
184	5	F	29	00FFFF-808080	KWGR	2422244
185	5	F	29	00FFFF-808080	KWCB	4234233
186	5	F	29	00FFFF-808080	KWCM	3224432
187	5	F	29	00FFFF-808080	KWCR	3223233
188	5	F	29	00FFFF-808080	KWBM	3234343
189	5	F	29	00FFFF-808080	KWBR	3334334
190	5	F	29	00FFFF-808080	KWMR	3233234
191	5	F	29	00FFFF-808080	KWYGC	1122243
192	5	F	29	00FFFF-808080	KWYGB	3324443
193	5	F	29	00FFFF-808080	KWYGM	2322233
194	5	F	29	00FFFF-808080	KWYGR	1222343
195	5	F	29	00FFFF-808080	KWYCB	2323232
196	5	F	29	00FFFF-808080	KWYCM	3333333
197	5	F	29	00FFFF-808080	KWYCR	2223233
198	5	F	29	00FFFF-808080	KWYBM	2223323
199	5	F	29	00FFFF-808080	KWYBR	3221223
200	5	F	29	00FFFF-808080	KWYMR	3222313

	participant	gender	age	color preferences	item	response profile
201	5	F	29	00FFFF-808080	KWGCB	2332343
202	5	F	29	00FFFF-808080	KWGCM	1121343
203	5	F	29	00FFFF-808080	KWGCR	2331243
204	5	F	29	00FFFF-808080	KWGBM	2343223
205	5	F	29	00FFFF-808080	KWGBR	3333333
206	5	F	29	00FFFF-808080	KWGMR	1222343
207	5	F	29	00FFFF-808080	KWCBM	3234433
208	5	F	29	00FFFF-808080	KWCBR	3424334
209	5	F	29	00FFFF-808080	KWCMR	4323222
210	5	F	29	00FFFF-808080	KWBMR	4212232
211	6	F	25	FFFFFF-FF8080	KW	2151315
212	6	F	25	FFFFFF-FF8080	KWY	2123314
213	6	F	25	FFFFFF-FF8080	KWG	2232324
214	6	F	25	FFFFFF-FF8080	KWC	4335533
215	6	F	25	FFFFFF-FF8080	KWB	3243334
216	6	F	25	FFFFFF-FF8080	KWM	4223213
217	6	F	25	FFFFFF-FF8080	KWR	1121315
218	6	F	25	FFFFFF-FF8080	KWYG	3222121
219	6	F	25	FFFFFF-FF8080	KWYC	3334333
220	6	F	25	FFFFFF-FF8080	KWYB	2222325
221	6	F	25	FFFFFF-FF8080	KWYM	5322122
222	6	F	25	FFFFFF-FF8080	KWYR	5424131
223	6	F	25	FFFFFF-FF8080	KWGC	3323333
224	6	F	25	FFFFFF-FF8080	KWGB	3333333
225	6	F	25	FFFFFF-FF8080	KWGM	3444344
226	6	F	25	FFFFFF-FF8080	KWGR	3333333
227	6	F	25	FFFFFF-FF8080	KWCB	3333333
228	6	F	25	FFFFFF-FF8080	KWCM	5343543
229	6	F	25	FFFFFF-FF8080	KWCR	2543455
230	6	F	25	FFFFFF-FF8080	KWBM	3322223
231	6	F	25	FFFFFF-FF8080	KWBR	2222314
232	6	F	25	FFFFFF-FF8080	KWMR	5112111
233	6	F	25	FFFFFF-FF8080	KWYGC	4212233
234	6	F	25	FFFFFF-FF8080	KWYGB	3334324
235	6	F	25	FFFFFF-FF8080	KWYGM	4223222
236	6	F	25	FFFFFF-FF8080	KWYGR	4332323
237	6	F	25	FFFFFF-FF8080	KWYCB	3433444
238	6	F	25	FFFFFF-FF8080	KWYCM	4322232
239	6	F	25	FFFFFF-FF8080	KWYCR	5432532
240	6	F	25	FFFFFF-FF8080	KWYBM	3322233
241	6	F	25	FFFFFF-FF8080	KWYBR	3323233
242	6	F	25	FFFFFF-FF8080	KWYMR	5323121
243	6	F	25	FFFFFF-FF8080	KWGCB	3543444
244	6	F	25	FFFFFF-FF8080	KWGCM	4454553
245	6	F	25	FFFFFF-FF8080	KWGCR	2354355
246	6	F	25	FFFFFF-FF8080	KWGBM	3445344
247	6	F	25	FFFFFF-FF8080	KWGBR	2343354
248	6	F	25	FFFFFF-FF8080	KWGMR	4333333
249	6	F	25	FFFFFF-FF8080	KWCBM	3432333
250	6	F	25	FFFFFF-FF8080	KWCBR	3233434

	participant	gender	age	color preferences	item	response profile
251	6	F	25	FFFFFF-FF8080	KWCMR	4222212
252	6	F	25	FFFFFF-FF8080	KWBMR	3433333
253	7	M	41	0000FF-00FF00	KW	3233324
254	7	M	41	0000FF-00FF00	KWY	2232324
255	7	M	41	0000FF-00FF00	KWG	2222224
256	7	M	41	0000FF-00FF00	KWC	3322324
257	7	M	41	0000FF-00FF00	KWB	3223224
258	7	M	41	0000FF-00FF00	KWM	2222324
259	7	M	41	0000FF-00FF00	KWR	3222223
260	7	M	41	0000FF-00FF00	KWYG	3424443
261	7	M	41	0000FF-00FF00	KWYC	4434232
262	7	M	41	0000FF-00FF00	KWYB	2323324
263	7	M	41	0000FF-00FF00	KWYM	2332333
264	7	M	41	0000FF-00FF00	KWYR	4333232
265	7	M	41	0000FF-00FF00	KWGC	3322224
266	7	M	41	0000FF-00FF00	KWGB	3223223
267	7	M	41	0000FF-00FF00	KWGM	2232224
268	7	M	41	0000FF-00FF00	KWGR	2232233
269	7	M	41	0000FF-00FF00	KWCB	4422434
270	7	M	41	0000FF-00FF00	KWCM	4333344
271	7	M	41	0000FF-00FF00	KWCR	2222314
272	7	M	41	0000FF-00FF00	KWBM	3222324
273	7	M	41	0000FF-00FF00	KWBR	3222324
274	7	M	41	0000FF-00FF00	KWMR	3212214
275	7	M	41	0000FF-00FF00	KWYGC	3344332
276	7	M	41	0000FF-00FF00	KWYGB	2323323
277	7	M	41	0000FF-00FF00	KWYGM	2323232
278	7	M	41	0000FF-00FF00	KWYGR	3334343
279	7	M	41	0000FF-00FF00	KWYCB	3333434
280	7	M	41	0000FF-00FF00	KWYCM	3444342
281	7	M	41	0000FF-00FF00	KWYCR	2332222
282	7	M	41	0000FF-00FF00	KWYBM	3334433
283	7	M	41	0000FF-00FF00	KWYBR	3222222
284	7	M	41	0000FF-00FF00	KWYMR	4434332
285	7	M	41	0000FF-00FF00	KWGCB	4433333
286	7	M	41	0000FF-00FF00	KWGCM	3223224
287	7	M	41	0000FF-00FF00	KWGCR	3344343
288	7	M	41	0000FF-00FF00	KWGBM	3333444
289	7	M	41	0000FF-00FF00	KWGBR	4334343
290	7	M	41	0000FF-00FF00	KWGMR	2333233
291	7	M	41	0000FF-00FF00	KWCBM	4444434
292	7	M	41	0000FF-00FF00	KWCBR	3223434
293	7	M	41	0000FF-00FF00	KWCMR	2333223
294	7	M	41	0000FF-00FF00	KWBMR	3323323
295	8	F	24	0000FF-FF00FF	KW	3233233
296	8	F	24	0000FF-FF00FF	KWY	1232324
297	8	F	24	0000FF-FF00FF	KWG	4233433
298	8	F	24	0000FF-FF00FF	KWC	4333433
299	8	F	24	0000FF-FF00FF	KWB	4244434
300	8	F	24	0000FF-FF00FF	KWM	3232324

	participant	gender	age	color preferences	item	response profile
301	8	F	24	0000FF-FF00FF	KWR	3333434
302	8	F	24	0000FF-FF00FF	KWYG	2122323
303	8	F	24	0000FF-FF00FF	KWYC	2322232
304	8	F	24	0000FF-FF00FF	KWYB	2332323
305	8	F	24	0000FF-FF00FF	KWYM	1121132
306	8	F	24	0000FF-FF00FF	KWYR	3223233
307	8	F	24	0000FF-FF00FF	KWGC	4223432
308	8	F	24	0000FF-FF00FF	KWGB	2332224
309	8	F	24	0000FF-FF00FF	KWGM	1221213
310	8	F	24	0000FF-FF00FF	KWGR	3112132
311	8	F	24	0000FF-FF00FF	KWCB	5334433
312	8	F	24	0000FF-FF00FF	KWCM	3223233
313	8	F	24	0000FF-FF00FF	KWCR	2233334
314	8	F	24	0000FF-FF00FF	KWBM	3223233
315	8	F	24	0000FF-FF00FF	KWBR	3222234
316	8	F	24	0000FF-FF00FF	KWMR	2121233
317	8	F	24	0000FF-FF00FF	KWYGC	2232323
318	8	F	24	0000FF-FF00FF	KWYGB	2313123
319	8	F	24	0000FF-FF00FF	KWYGM	2221223
320	8	F	24	0000FF-FF00FF	KWYGR	2232323
321	8	F	24	0000FF-FF00FF	KWYCB	2433222
322	8	F	24	0000FF-FF00FF	KWYCM	3212131
323	8	F	24	0000FF-FF00FF	KWYCR	3233234
324	8	F	24	0000FF-FF00FF	KWYBM	1221222
325	8	F	24	0000FF-FF00FF	KWYBR	3112133
326	8	F	24	0000FF-FF00FF	KWYMR	3112121
327	8	F	24	0000FF-FF00FF	KWGCB	4334433
328	8	F	24	0000FF-FF00FF	KWGCM	3224434
329	8	F	24	0000FF-FF00FF	KWGCR	1211122
330	8	F	24	0000FF-FF00FF	KWGBM	4334333
331	8	F	24	0000FF-FF00FF	KWGBR	3233433
332	8	F	24	0000FF-FF00FF	KWGMR	1111122
333	8	F	24	0000FF-FF00FF	KWCBM	5234333
334	8	F	24	0000FF-FF00FF	KWCBR	2233323
335	8	F	24	0000FF-FF00FF	KWCMR	3212122
336	8	F	24	0000FF-FF00FF	KWBMR	3122322
337	9	F	24	00FFFF-FF00FF	KW	4253535
338	9	F	24	00FFFF-FF00FF	KWY	1132325
339	9	F	24	00FFFF-FF00FF	KWG	2224243
340	9	F	24	00FFFF-FF00FF	KWC	2232233
341	9	F	24	00FFFF-FF00FF	KWB	3243434
342	9	F	24	00FFFF-FF00FF	KWM	2232325
343	9	F	24	00FFFF-FF00FF	KWR	2223234
344	9	F	24	00FFFF-FF00FF	KWYG	1222223
345	9	F	24	00FFFF-FF00FF	KWYC	1121214
346	9	F	24	00FFFF-FF00FF	KWYB	2131324
347	9	F	24	00FFFF-FF00FF	KWYM	2221213
348	9	F	24	00FFFF-FF00FF	KWYR	2212223
349	9	F	24	00FFFF-FF00FF	KWGC	3323233
350	9	F	24	00FFFF-FF00FF	KWGB	2332324

	participant	gender	age	color preferences	item	response profile
351	9	F	24	00FFFF-FF00FF	KWGM	1122222
352	9	F	24	00FFFF-FF00FF	KWGR	3223233
353	9	F	24	00FFFF-FF00FF	KWCB	4234324
354	9	F	24	00FFFF-FF00FF	KWCM	4223233
355	9	F	24	00FFFF-FF00FF	KWCR	2332323
356	9	F	24	00FFFF-FF00FF	KWBM	4233334
357	9	F	24	00FFFF-FF00FF	KWBR	3223334
358	9	F	24	00FFFF-FF00FF	KWMR	4212122
359	9	F	24	00FFFF-FF00FF	KWYGC	1121213
360	9	F	24	00FFFF-FF00FF	KWYGB	2232324
361	9	F	24	00FFFF-FF00FF	KWYGM	3333333
362	9	F	24	00FFFF-FF00FF	KWYGR	1131225
363	9	F	24	00FFFF-FF00FF	KWYCB	2222224
364	9	F	24	00FFFF-FF00FF	KWYCM	3312231
365	9	F	24	00FFFF-FF00FF	KWYCR	2422344
366	9	F	24	00FFFF-FF00FF	KWYBM	4223333
367	9	F	24	00FFFF-FF00FF	KWYBR	3212123
368	9	F	24	00FFFF-FF00FF	KWYMR	4323232
369	9	F	24	00FFFF-FF00FF	KWGCB	3333333
370	9	F	24	00FFFF-FF00FF	KWGCM	3223233
371	9	F	24	00FFFF-FF00FF	KWGCR	2433334
372	9	F	24	00FFFF-FF00FF	KWGBM	5224343
373	9	F	24	00FFFF-FF00FF	KWGBR	4212122
374	9	F	24	00FFFF-FF00FF	KWGMR	2212124
375	9	F	24	00FFFF-FF00FF	KWCBM	4434343
376	9	F	24	00FFFF-FF00FF	KWCBR	4334343
377	9	F	24	00FFFF-FF00FF	KWCMR	4222222
378	9	F	24	00FFFF-FF00FF	KWBMR	4224243
379	10	M	28	00FF00-808000	KW	5123234
380	10	M	28	00FF00-808000	KWY	2121323
381	10	M	28	00FF00-808000	KWG	2242323
382	10	M	28	00FF00-808000	KWC	2243443
383	10	M	28	00FF00-808000	KWB	3222221
384	10	M	28	00FF00-808000	KWM	3333444
385	10	M	28	00FF00-808000	KWR	3132323
386	10	M	28	00FF00-808000	KWYG	3223233
387	10	M	28	00FF00-808000	KWYC	1232333
388	10	M	28	00FF00-808000	KWYB	3323222
389	10	M	28	00FF00-808000	KWYM	2434343
390	10	M	28	00FF00-808000	KWYR	3223222
391	10	M	28	00FF00-808000	KWGC	1453353
392	10	M	28	00FF00-808000	KWGB	1344333
393	10	M	28	00FF00-808000	KWGM	3344433
394	10	M	28	00FF00-808000	KWGR	3131213
395	10	M	28	00FF00-808000	KWCB	2453343
396	10	M	28	00FF00-808000	KWCM	3434434
397	10	M	28	00FF00-808000	KWCR	1242333
398	10	M	28	00FF00-808000	KWBM	4434434
399	10	M	28	00FF00-808000	KWBR	5223425
400	10	M	28	00FF00-808000	KWMR	2233323

	participant	gender	age	color preferences	item	response profile
401	10	M	28	00FF00-808000	KWYGC	1353343
402	10	M	28	00FF00-808000	KWYGB	2232333
403	10	M	28	00FF00-808000	KWYGM	3233222
404	10	M	28	00FF00-808000	KWYGR	3322323
405	10	M	28	00FF00-808000	KWYCB	3343344
406	10	M	28	00FF00-808000	KWYCM	3313221
407	10	M	28	00FF00-808000	KWYCR	2221223
408	10	M	28	00FF00-808000	KWYBM	2344343
409	10	M	28	00FF00-808000	KWYBR	3123234
410	10	M	28	00FF00-808000	KWYMR	3234434
411	10	M	28	00FF00-808000	KWGCB	2323333
412	10	M	28	00FF00-808000	KWGCM	2343343
413	10	M	28	00FF00-808000	KWGCR	1232323
414	10	M	28	00FF00-808000	KWGBM	2433344
415	10	M	28	00FF00-808000	KWGBR	3323122
416	10	M	28	00FF00-808000	KWGMR	3123233
417	10	M	28	00FF00-808000	KWCBM	3233424
418	10	M	28	00FF00-808000	KWCBR	3124434
419	10	M	28	00FF00-808000	KWCMR	3344434
420	10	M	28	00FF00-808000	KWBMR	4434434
421	11	M	33	0000FF-FF8080	KW	3343335
422	11	M	33	0000FF-FF8080	KWY	3343345
423	11	M	33	0000FF-FF8080	KWG	2232324
424	11	M	33	0000FF-FF8080	KWC	3244433
425	11	M	33	0000FF-FF8080	KWB	3242324
426	11	M	33	0000FF-FF8080	KWM	2132324
427	11	M	33	0000FF-FF8080	KWR	2231325
428	11	M	33	0000FF-FF8080	KWYG	4114131
429	11	M	33	0000FF-FF8080	KWYC	4334433
430	11	M	33	0000FF-FF8080	KWYB	3343344
431	11	M	33	0000FF-FF8080	KWYM	2222234
432	11	M	33	0000FF-FF8080	KWYR	3323333
433	11	M	33	0000FF-FF8080	KWGC	3333334
434	11	M	33	0000FF-FF8080	KWGB	3343345
435	11	M	33	0000FF-FF8080	KWGM	2542334
436	11	M	33	0000FF-FF8080	KWGR	3333344
437	11	M	33	0000FF-FF8080	KWCB	5233424
438	11	M	33	0000FF-FF8080	KWCM	3344444
439	11	M	33	0000FF-FF8080	KWCR	3352355
440	11	M	33	0000FF-FF8080	KWBM	3343335
441	11	M	33	0000FF-FF8080	KWBR	3143423
442	11	M	33	0000FF-FF8080	KWMR	2132313
443	11	M	33	0000FF-FF8080	KWYGC	3223333
444	11	M	33	0000FF-FF8080	KWYGB	3223324
445	11	M	33	0000FF-FF8080	KWYGM	3223234
446	11	M	33	0000FF-FF8080	KWYGR	2223334
447	11	M	33	0000FF-FF8080	KWYCB	4345543
448	11	M	33	0000FF-FF8080	KWYCM	3323343
449	11	M	33	0000FF-FF8080	KWYCR	3323333
450	11	M	33	0000FF-FF8080	KWYBM	3333334

	participant	gender	age	color preferences	item	response profile
451	11	M	33	0000FF-FF8080	KWYBR	3333232
452	11	M	33	0000FF-FF8080	KWYMR	3223233
453	11	M	33	0000FF-FF8080	KWGCB	4334433
454	11	M	33	0000FF-FF8080	KWGCM	3343344
455	11	M	33	0000FF-FF8080	KWGCR	3333344
456	11	M	33	0000FF-FF8080	KWGBM	3343345
457	11	M	33	0000FF-FF8080	KWGBR	2353345
458	11	M	33	0000FF-FF8080	KWGMR	4324434
459	11	M	33	0000FF-FF8080	KWCBM	4333444
460	11	M	33	0000FF-FF8080	KWCBR	3233434
461	11	M	33	0000FF-FF8080	KWCMR	3344434
462	11	M	33	0000FF-FF8080	KWBMR	3232424
463	12	F	25	FF0000-0000FF	KW	4234345
464	12	F	25	FF0000-0000FF	KWY	1211112
465	12	F	25	FF0000-0000FF	KWG	3323233
466	12	F	25	FF0000-0000FF	KWC	3442323
467	12	F	25	FF0000-0000FF	KWB	4113134
468	12	F	25	FF0000-0000FF	KWM	2331213
469	12	F	25	FF0000-0000FF	KWR	2111223
470	12	F	25	FF0000-0000FF	KWYG	1211113
471	12	F	25	FF0000-0000FF	KWYC	3323212
472	12	F	25	FF0000-0000FF	KWYB	2432224
473	12	F	25	FF0000-0000FF	KWYM	2421112
474	12	F	25	FF0000-0000FF	KWYR	2112121
475	12	F	25	FF0000-0000FF	KWGC	4113132
476	12	F	25	FF0000-0000FF	KWGB	4114334
477	12	F	25	FF0000-0000FF	KWGM	2212232
478	12	F	25	FF0000-0000FF	KWGR	2112122
479	12	F	25	FF0000-0000FF	KWCB	5113334
480	12	F	25	FF0000-0000FF	KWCM	3322233
481	12	F	25	FF0000-0000FF	KWCR	2432223
482	12	F	25	FF0000-0000FF	KWBM	4323333
483	12	F	25	FF0000-0000FF	KWBR	3113113
484	12	F	25	FF0000-0000FF	KWMR	2121112
485	12	F	25	FF0000-0000FF	KWYGC	2222112
486	12	F	25	FF0000-0000FF	KWYGB	3212232
487	12	F	25	FF0000-0000FF	KWYGM	2422221
488	12	F	25	FF0000-0000FF	KWYGR	1111112
489	12	F	25	FF0000-0000FF	KWYCB	4324343
490	12	F	25	FF0000-0000FF	KWYCM	2321221
491	12	F	25	FF0000-0000FF	KWYCR	2212211
492	12	F	25	FF0000-0000FF	KWYBM	3322231
493	12	F	25	FF0000-0000FF	KWYBR	3222131
494	12	F	25	FF0000-0000FF	KWYMR	3111111
495	12	F	25	FF0000-0000FF	KWGCB	5214333
496	12	F	25	FF0000-0000FF	KWGCM	4324342
497	12	F	25	FF0000-0000FF	KWGCR	3123122
498	12	F	25	FF0000-0000FF	KWGBM	4424434
499	12	F	25	FF0000-0000FF	KWGBR	3113232
500	12	F	25	FF0000-0000FF	KWGMR	3113121

	participant	gender	age	color preferences	item	response profile
501	12	F	25	FF0000-0000FF	KWCBM	4223244
502	12	F	25	FF0000-0000FF	KWCBR	4124434
503	12	F	25	FF0000-0000FF	KWCMR	2122222
504	12	F	25	FF0000-0000FF	KWBMR	3212332
505	13	M	39	FF0000-FF00FF	KW	4325544
506	13	M	39	FF0000-FF00FF	KWY	2223334
507	13	M	39	FF0000-FF00FF	KWG	2232225
508	13	M	39	FF0000-FF00FF	KWC	2342215
509	13	M	39	FF0000-FF00FF	KWB	2242245
510	13	M	39	FF0000-FF00FF	KWM	2122223
511	13	M	39	FF0000-FF00FF	KWR	1241345
512	13	M	39	FF0000-FF00FF	KWYG	4214332
513	13	M	39	FF0000-FF00FF	KWYC	4215331
514	13	M	39	FF0000-FF00FF	KWYB	3444354
515	13	M	39	FF0000-FF00FF	KWYM	4234344
516	13	M	39	FF0000-FF00FF	KWYR	4224443
517	13	M	39	FF0000-FF00FF	KWGC	4333234
518	13	M	39	FF0000-FF00FF	KWGB	3344454
519	13	M	39	FF0000-FF00FF	KWGM	2343444
520	13	M	39	FF0000-FF00FF	KWGR	3345444
521	13	M	39	FF0000-FF00FF	KWCB	3243334
522	13	M	39	FF0000-FF00FF	KWCM	3224254
523	13	M	39	FF0000-FF00FF	KWCR	3242224
524	13	M	39	FF0000-FF00FF	KWBM	2334434
525	13	M	39	FF0000-FF00FF	KWBR	2232345
526	13	M	39	FF0000-FF00FF	KWMR	4122233
527	13	M	39	FF0000-FF00FF	KWYGC	3212122
528	13	M	39	FF0000-FF00FF	KWYGB	4323242
529	13	M	39	FF0000-FF00FF	KWYGM	4234343
530	13	M	39	FF0000-FF00FF	KWYGR	4213132
531	13	M	39	FF0000-FF00FF	KWYCB	4224332
532	13	M	39	FF0000-FF00FF	KWYCM	3213132
533	13	M	39	FF0000-FF00FF	KWYCR	3333333
534	13	M	39	FF0000-FF00FF	KWYBM	3344454
535	13	M	39	FF0000-FF00FF	KWYBR	3233443
536	13	M	39	FF0000-FF00FF	KWYMR	3224434
537	13	M	39	FF0000-FF00FF	KWGCB	3442443
538	13	M	39	FF0000-FF00FF	KWGCM	4335544
539	13	M	39	FF0000-FF00FF	KWGCR	2434444
540	13	M	39	FF0000-FF00FF	KWGBM	2243444
541	13	M	39	FF0000-FF00FF	KWGBR	3234445
542	13	M	39	FF0000-FF00FF	KWGMR	3213222
543	13	M	39	FF0000-FF00FF	KWCBM	3244455
544	13	M	39	FF0000-FF00FF	KWCBR	3244444
545	13	M	39	FF0000-FF00FF	KWCMR	2223223
546	13	M	39	FF0000-FF00FF	KWBMR	2234234
547	14	M	37	0000FF-00FF00	KW	2132224
548	14	M	37	0000FF-00FF00	KWY	2122223
549	14	M	37	0000FF-00FF00	KWG	2212224
550	14	M	37	0000FF-00FF00	KWC	3322324

	participant	gender	age	color preferences	item	response profile
551	14	M	37	0000FF-00FF00	KWB	5422122
552	14	M	37	0000FF-00FF00	KWM	1122223
553	14	M	37	0000FF-00FF00	KWR	1121213
554	14	M	37	0000FF-00FF00	KWYG	2121212
555	14	M	37	0000FF-00FF00	KWYC	3322223
556	14	M	37	0000FF-00FF00	KWYB	2112312
557	14	M	37	0000FF-00FF00	KWYM	1211212
558	14	M	37	0000FF-00FF00	KWYR	2112122
559	14	M	37	0000FF-00FF00	KWGC	4445443
560	14	M	37	0000FF-00FF00	KWGB	5344443
561	14	M	37	0000FF-00FF00	KWGM	1121114
562	14	M	37	0000FF-00FF00	KWGR	1121112
563	14	M	37	0000FF-00FF00	KWCB	5434543
564	14	M	37	0000FF-00FF00	KWCM	4423232
565	14	M	37	0000FF-00FF00	KWCR	1121214
566	14	M	37	0000FF-00FF00	KWBM	2122222
567	14	M	37	0000FF-00FF00	KWBR	1121124
568	14	M	37	0000FF-00FF00	KWMR	2112122
569	14	M	37	0000FF-00FF00	KWYGC	1112213
570	14	M	37	0000FF-00FF00	KWYGB	3213121
571	14	M	37	0000FF-00FF00	KWYGM	2212122
572	14	M	37	0000FF-00FF00	KWYGR	3322223
573	14	M	37	0000FF-00FF00	KWYCB	5444443
574	14	M	37	0000FF-00FF00	KWYCM	4212122
575	14	M	37	0000FF-00FF00	KWYCR	2122232
576	14	M	37	0000FF-00FF00	KWYBM	2322222
577	14	M	37	0000FF-00FF00	KWYBR	2112121
578	14	M	37	0000FF-00FF00	KWYMR	2112122
579	14	M	37	0000FF-00FF00	KWGCB	5445542
580	14	M	37	0000FF-00FF00	KWGCM	4432333
581	14	M	37	0000FF-00FF00	KWGCR	3334433
582	14	M	37	0000FF-00FF00	KWGBM	5433231
583	14	M	37	0000FF-00FF00	KWGBR	2112122
584	14	M	37	0000FF-00FF00	KWGMR	2112121
585	14	M	37	0000FF-00FF00	KWCBM	5533443
586	14	M	37	0000FF-00FF00	KWCBR	4423234
587	14	M	37	0000FF-00FF00	KWCMR	3112121
588	14	M	37	0000FF-00FF00	KWBMR	2112224
589	15	M	29	00FF00-808000	KW	4244335
590	15	M	29	00FF00-808000	KWY	3243325
591	15	M	29	00FF00-808000	KWG	2332424
592	15	M	29	00FF00-808000	KWC	4234424
593	15	M	29	00FF00-808000	KWB	3243424
594	15	M	29	00FF00-808000	KWM	2442424
595	15	M	29	00FF00-808000	KWR	3333333
596	15	M	29	00FF00-808000	KWYG	2221313
597	15	M	29	00FF00-808000	KWYC	4324243
598	15	M	29	00FF00-808000	KWYB	2341323
599	15	M	29	00FF00-808000	KWYM	3333333
600	15	M	29	00FF00-808000	KWYR	3123123

	participant	gender	age	color preferences	item	response profile
601	15	M	29	00FF00-808000	KWGC	3223324
602	15	M	29	00FF00-808000	KWGB	2422324
603	15	M	29	00FF00-808000	KWGM	1341324
604	15	M	29	00FF00-808000	KWGR	1221324
605	15	M	29	00FF00-808000	KWCB	4234434
606	15	M	29	00FF00-808000	KWCM	4324334
607	15	M	29	00FF00-808000	KWCR	4123324
608	15	M	29	00FF00-808000	KWBM	3333333
609	15	M	29	00FF00-808000	KWBR	4122224
610	15	M	29	00FF00-808000	KWMR	2123323
611	15	M	29	00FF00-808000	KWYGC	4324232
612	15	M	29	00FF00-808000	KWYGB	2332224
613	15	M	29	00FF00-808000	KWYGM	2322324
614	15	M	29	00FF00-808000	KWYGR	2222324
615	15	M	29	00FF00-808000	KWYCB	4324333
616	15	M	29	00FF00-808000	KWYCM	4324322
617	15	M	29	00FF00-808000	KWYCR	4214232
618	15	M	29	00FF00-808000	KWYBM	4324432
619	15	M	29	00FF00-808000	KWYBR	4234332
620	15	M	29	00FF00-808000	KWYMR	4223221
621	15	M	29	00FF00-808000	KWGCB	4334433
622	15	M	29	00FF00-808000	KWGCM	4434334
623	15	M	29	00FF00-808000	KWGCR	3223323
624	15	M	29	00FF00-808000	KWGBM	4324434
625	15	M	29	00FF00-808000	KWGBR	2223233
626	15	M	29	00FF00-808000	KWGMR	2223223
627	15	M	29	00FF00-808000	KWCBM	4234434
628	15	M	29	00FF00-808000	KWCBR	4234334
629	15	M	29	00FF00-808000	KWCMR	3333333
630	15	M	29	00FF00-808000	KWBMR	4223223
631	16	M	33	000000-FF00FF	KW	1255335
632	16	M	33	000000-FF00FF	KWY	1223445
633	16	M	33	000000-FF00FF	KWG	4223333
634	16	M	33	000000-FF00FF	KWC	5343333
635	16	M	33	000000-FF00FF	KWB	5223232
636	16	M	33	000000-FF00FF	KWM	5113234
637	16	M	33	000000-FF00FF	KWR	3223333
638	16	M	33	000000-FF00FF	KWYG	3333333
639	16	M	33	000000-FF00FF	KWYC	3333333
640	16	M	33	000000-FF00FF	KWYB	3554444
641	16	M	33	000000-FF00FF	KWYM	3223323
642	16	M	33	000000-FF00FF	KWYR	4222232
643	16	M	33	000000-FF00FF	KWGC	4113233
644	16	M	33	000000-FF00FF	KWGB	4454444
645	16	M	33	000000-FF00FF	KWGM	4323232
646	16	M	33	000000-FF00FF	KWGR	3333333
647	16	M	33	000000-FF00FF	KWCB	5112111
648	16	M	33	000000-FF00FF	KWCM	4443434
649	16	M	33	000000-FF00FF	KWCR	3223545
650	16	M	33	000000-FF00FF	KWBM	5114141

	participant	gender	age	color preferences	item	response profile
651	16	M	33	000000-FF00FF	KWBR	5212131
652	16	M	33	000000-FF00FF	KWMR	5112121
653	16	M	33	000000-FF00FF	KWYGC	4223334
654	16	M	33	000000-FF00FF	KWYGB	3333333
655	16	M	33	000000-FF00FF	KWYGM	2112232
656	16	M	33	000000-FF00FF	KWYGR	2113444
657	16	M	33	000000-FF00FF	KWYCB	4333332
658	16	M	33	000000-FF00FF	KWYCM	2444344
659	16	M	33	000000-FF00FF	KWYCR	3444445
660	16	M	33	000000-FF00FF	KWYBM	2444444
661	16	M	33	000000-FF00FF	KWYBR	3333333
662	16	M	33	000000-FF00FF	KWYMR	5113222
663	16	M	33	000000-FF00FF	KWGCB	5113141
664	16	M	33	000000-FF00FF	KWGCM	4544543
665	16	M	33	000000-FF00FF	KWGCR	3344444
666	16	M	33	000000-FF00FF	KWGBM	4233232
667	16	M	33	000000-FF00FF	KWGBR	2554545
668	16	M	33	000000-FF00FF	KWGMR	3224431
669	16	M	33	000000-FF00FF	KWCBM	5222223
670	16	M	33	000000-FF00FF	KWCBR	4242221
671	16	M	33	000000-FF00FF	KWCMR	4213121
672	16	M	33	000000-FF00FF	KWBMR	5513141
673	17	F	28	00FF00-FF0000	KW	2223325
674	17	F	28	00FF00-FF0000	KWY	2222323
675	17	F	28	00FF00-FF0000	KWG	2212213
676	17	F	28	00FF00-FF0000	KWC	4445444
677	17	F	28	00FF00-FF0000	KWB	3324434
678	17	F	28	00FF00-FF0000	KWM	2321314
679	17	F	28	00FF00-FF0000	KWR	1111215
680	17	F	28	00FF00-FF0000	KWYG	2212212
681	17	F	28	00FF00-FF0000	KWYC	4323232
682	17	F	28	00FF00-FF0000	KWYB	4334433
683	17	F	28	00FF00-FF0000	KWYM	2212223
684	17	F	28	00FF00-FF0000	KWYR	3223343
685	17	F	28	00FF00-FF0000	KWGC	4323232
686	17	F	28	00FF00-FF0000	KWGB	3334434
687	17	F	28	00FF00-FF0000	KWGM	4334343
688	17	F	28	00FF00-FF0000	KWGR	4323343
689	17	F	28	00FF00-FF0000	KWCB	2222323
690	17	F	28	00FF00-FF0000	KWCM	4334444
691	17	F	28	00FF00-FF0000	KWCR	4434343
692	17	F	28	00FF00-FF0000	KWBM	3323434
693	17	F	28	00FF00-FF0000	KWBR	3212224
694	17	F	28	00FF00-FF0000	KWMR	1111213
695	17	F	28	00FF00-FF0000	KWYGC	2213212
696	17	F	28	00FF00-FF0000	KWYGB	4435443
697	17	F	28	00FF00-FF0000	KWYGM	4334232
698	17	F	28	00FF00-FF0000	KWYGR	4324344
699	17	F	28	00FF00-FF0000	KWYCB	4334443
700	17	F	28	00FF00-FF0000	KWYCM	4323222

	participant	gender	age	color preferences	item	response profile
701	17	F	28	00FF00-FF0000	KWYCR	4323433
702	17	F	28	00FF00-FF0000	KWYBM	4333343
703	17	F	28	00FF00-FF0000	KWYBR	3343333
704	17	F	28	00FF00-FF0000	KWYMR	1111113
705	17	F	28	00FF00-FF0000	KWGCB	4214222
706	17	F	28	00FF00-FF0000	KWGCM	4223432
707	17	F	28	00FF00-FF0000	KWGCR	5324332
708	17	F	28	00FF00-FF0000	KWGBM	4423433
709	17	F	28	00FF00-FF0000	KWGBR	4343333
710	17	F	28	00FF00-FF0000	KWGMR	2223223
711	17	F	28	00FF00-FF0000	KWCBM	4313224
712	17	F	28	00FF00-FF0000	KWCBR	4213122
713	17	F	28	00FF00-FF0000	KWCMR	4223222
714	17	F	28	00FF00-FF0000	KWBMR	2212323
715	18	F	31	0000FF-808000	KW	3133334
716	18	F	31	0000FF-808000	KWY	1131315
717	18	F	31	0000FF-808000	KWG	3544334
718	18	F	31	0000FF-808000	KWC	3443445
719	18	F	31	0000FF-808000	KWB	2122315
720	18	F	31	0000FF-808000	KWM	2232345
721	18	F	31	0000FF-808000	KWR	1132325
722	18	F	31	0000FF-808000	KWYG	1131314
723	18	F	31	0000FF-808000	KWYC	3443333
724	18	F	31	0000FF-808000	KWYB	3233334
725	18	F	31	0000FF-808000	KWYM	2332332
726	18	F	31	0000FF-808000	KWYR	4111112
727	18	F	31	0000FF-808000	KWGC	4443443
728	18	F	31	0000FF-808000	KWGB	3232335
729	18	F	31	0000FF-808000	KWGM	1121224
730	18	F	31	0000FF-808000	KWGR	4223232
731	18	F	31	0000FF-808000	KWCB	5235545
732	18	F	31	0000FF-808000	KWCM	1222324
733	18	F	31	0000FF-808000	KWCR	2131215
734	18	F	31	0000FF-808000	KWBM	3434334
735	18	F	31	0000FF-808000	KWBR	3134233
736	18	F	31	0000FF-808000	KWMR	3111113
737	18	F	31	0000FF-808000	KWYGC	1121213
738	18	F	31	0000FF-808000	KWYGB	2433324
739	18	F	31	0000FF-808000	KWYGM	4212122
740	18	F	31	0000FF-808000	KWYGR	4113223
741	18	F	31	0000FF-808000	KWYCB	5323232
742	18	F	31	0000FF-808000	KWYCM	3413231
743	18	F	31	0000FF-808000	KWYCR	3113121
744	18	F	31	0000FF-808000	KWYBM	4223233
745	18	F	31	0000FF-808000	KWYBR	2112124
746	18	F	31	0000FF-808000	KWYMR	3212113
747	18	F	31	0000FF-808000	KWGCB	3333334
748	18	F	31	0000FF-808000	KWGCM	4424232
749	18	F	31	0000FF-808000	KWGCR	3224433
750	18	F	31	0000FF-808000	KWGBM	3323232

	participant	gender	age	color preferences	item	response profile
751	18	F	31	0000FF-808000	KWGBR	4214233
752	18	F	31	0000FF-808000	KWGMR	3111111
753	18	F	31	0000FF-808000	KWCBM	4444444
754	18	F	31	0000FF-808000	KWCBR	4333234
755	18	F	31	0000FF-808000	KWCMR	3123231
756	18	F	31	0000FF-808000	KWBMR	3333444
757	19	M	25	0000FF-808000	KW	3333334
758	19	M	25	0000FF-808000	KWY	2231324
759	19	M	25	0000FF-808000	KWG	2332222
760	19	M	25	0000FF-808000	KWC	2432335
761	19	M	25	0000FF-808000	KWB	3124334
762	19	M	25	0000FF-808000	KWM	2231322
763	19	M	25	0000FF-808000	KWR	4223222
764	19	M	25	0000FF-808000	KWYG	2211223
765	19	M	25	0000FF-808000	KWYC	4424234
766	19	M	25	0000FF-808000	KWYB	2332324
767	19	M	25	0000FF-808000	KWYM	2221243
768	19	M	25	0000FF-808000	KWYR	2231224
769	19	M	25	0000FF-808000	KWGC	3221242
770	19	M	25	0000FF-808000	KWGB	4332333
771	19	M	25	0000FF-808000	KWGM	2421223
772	19	M	25	0000FF-808000	KWGR	3222234
773	19	M	25	0000FF-808000	KWCB	4113132
774	19	M	25	0000FF-808000	KWCM	3223244
775	19	M	25	0000FF-808000	KWCR	2221224
776	19	M	25	0000FF-808000	KWBM	5213141
777	19	M	25	0000FF-808000	KWBR	2111124
778	19	M	25	0000FF-808000	KWMR	2111124
779	19	M	25	0000FF-808000	KWYGC	2322242
780	19	M	25	0000FF-808000	KWYGB	2322242
781	19	M	25	0000FF-808000	KWYGM	2421242
782	19	M	25	0000FF-808000	KWYGR	2223322
783	19	M	25	0000FF-808000	KWYCB	4224242
784	19	M	25	0000FF-808000	KWYCM	4323231
785	19	M	25	0000FF-808000	KWYCR	3422242
786	19	M	25	0000FF-808000	KWYBM	2112132
787	19	M	25	0000FF-808000	KWYBR	4124241
788	19	M	25	0000FF-808000	KWYMR	4221231
789	19	M	25	0000FF-808000	KWGCB	4221242
790	19	M	25	0000FF-808000	KWGCM	2122242
791	19	M	25	0000FF-808000	KWGCR	2321232
792	19	M	25	0000FF-808000	KWGBM	4222242
793	19	M	25	0000FF-808000	KWGBR	2221241
794	19	M	25	0000FF-808000	KWGMR	2421242
795	19	M	25	0000FF-808000	KWCBM	4224242
796	19	M	25	0000FF-808000	KWCBR	3122231
797	19	M	25	0000FF-808000	KWCMR	2222242
798	19	M	25	0000FF-808000	KWBMR	4221231
799	20	M	23	FF0000-808000	KW	4243433
800	20	M	23	FF0000-808000	KWY	2332224

	participant	gender	age	color preferences	item	response profile
801	20	M	23	FF0000-808000	KWG	1232224
802	20	M	23	FF0000-808000	KWC	3344434
803	20	M	23	FF0000-808000	KWB	4224442
804	20	M	23	FF0000-808000	KWM	2242224
805	20	M	23	FF0000-808000	KWR	2232424
806	20	M	23	FF0000-808000	KWYG	1222225
807	20	M	23	FF0000-808000	KWYC	4323233
808	20	M	23	FF0000-808000	KWYB	3344334
809	20	M	23	FF0000-808000	KWYM	4324232
810	20	M	23	FF0000-808000	KWYR	4323431
811	20	M	23	FF0000-808000	KWGC	2222324
812	20	M	23	FF0000-808000	KWGB	3333234
813	20	M	23	FF0000-808000	KWGM	2322224
814	20	M	23	FF0000-808000	KWGR	3222222
815	20	M	23	FF0000-808000	KWCB	4334542
816	20	M	23	FF0000-808000	KWCM	4434343
817	20	M	23	FF0000-808000	KWCR	3444443
818	20	M	23	FF0000-808000	KWBM	3443334
819	20	M	23	FF0000-808000	KWBR	2333344
820	20	M	23	FF0000-808000	KWMR	2222224
821	20	M	23	FF0000-808000	KWYGC	2322224
822	20	M	23	FF0000-808000	KWYGB	3324233
823	20	M	23	FF0000-808000	KWYGM	2322224
824	20	M	23	FF0000-808000	KWYGR	2222234
825	20	M	23	FF0000-808000	KWYCB	4323223
826	20	M	23	FF0000-808000	KWYCM	4323232
827	20	M	23	FF0000-808000	KWYCR	3333234
828	20	M	23	FF0000-808000	KWYBM	3332434
829	20	M	23	FF0000-808000	KWYBR	4323232
830	20	M	23	FF0000-808000	KWYMR	3222224
831	20	M	23	FF0000-808000	KWGCB	3444443
832	20	M	23	FF0000-808000	KWGCM	3434343
833	20	M	23	FF0000-808000	KWGCR	3343233
834	20	M	23	FF0000-808000	KWGBM	2423233
835	20	M	23	FF0000-808000	KWGBR	3323233
836	20	M	23	FF0000-808000	KWGMR	3323232
837	20	M	23	FF0000-808000	KWCBM	4324242
838	20	M	23	FF0000-808000	KWCBR	4434342
839	20	M	23	FF0000-808000	KWCMR	4344332
840	20	M	23	FF0000-808000	KWBMR	4334333
841	21	F	25	0000FF-FFFF00	KW	2112233
842	21	F	25	0000FF-FFFF00	KWY	1111123
843	21	F	25	0000FF-FFFF00	KWG	2112113
844	21	F	25	0000FF-FFFF00	KWC	2113234
845	21	F	25	0000FF-FFFF00	KWB	3112223
846	21	F	25	0000FF-FFFF00	KWM	2111225
847	21	F	25	0000FF-FFFF00	KWR	1111115
848	21	F	25	0000FF-FFFF00	KWYG	1111114
849	21	F	25	0000FF-FFFF00	KWYC	2233232
850	21	F	25	0000FF-FFFF00	KWYB	2212234

	participant	gender	age	color preferences	item	response profile
851	21	F	25	0000FF-FFFF00	KWYM	1323214
852	21	F	25	0000FF-FFFF00	KWYR	1121215
853	21	F	25	0000FF-FFFF00	KWGC	2111133
854	21	F	25	0000FF-FFFF00	KWGB	3112132
855	21	F	25	0000FF-FFFF00	KWGM	1111213
856	21	F	25	0000FF-FFFF00	KWGR	1111215
857	21	F	25	0000FF-FFFF00	KWCB	4223215
858	21	F	25	0000FF-FFFF00	KWCM	2223324
859	21	F	25	0000FF-FFFF00	KWCR	2321345
860	21	F	25	0000FF-FFFF00	KWBM	4435233
861	21	F	25	0000FF-FFFF00	KWBR	1323335
862	21	F	25	0000FF-FFFF00	KWMR	1211213
863	21	F	25	0000FF-FFFF00	KWYGC	1211113
864	21	F	25	0000FF-FFFF00	KWYGB	2332333
865	21	F	25	0000FF-FFFF00	KWYGM	1111213
866	21	F	25	0000FF-FFFF00	KWYGR	1221313
867	21	F	25	0000FF-FFFF00	KWYCB	2334344
868	21	F	25	0000FF-FFFF00	KWYCM	2332344
869	21	F	25	0000FF-FFFF00	KWYCR	2122324
870	21	F	25	0000FF-FFFF00	KWYBM	1242344
871	21	F	25	0000FF-FFFF00	KWYBR	1221123
872	21	F	25	0000FF-FFFF00	KWYMR	1111233
873	21	F	25	0000FF-FFFF00	KWGCB	5324342
874	21	F	25	0000FF-FFFF00	KWGCM	1242344
875	21	F	25	0000FF-FFFF00	KWGCR	2132224
876	21	F	25	0000FF-FFFF00	KWGBM	4344443
877	21	F	25	0000FF-FFFF00	KWGBR	2232343
878	21	F	25	0000FF-FFFF00	KWGMR	1231124
879	21	F	25	0000FF-FFFF00	KWCBM	5314532
880	21	F	25	0000FF-FFFF00	KWCBR	2113343
881	21	F	25	0000FF-FFFF00	KWCMR	2231114
882	21	F	25	0000FF-FFFF00	KWBMR	2211234
883	22	M	29	00FF00-FF0000	KW	1454555
884	22	M	29	00FF00-FF0000	KWY	3223232
885	22	M	29	00FF00-FF0000	KWG	3343433
886	22	M	29	00FF00-FF0000	KWC	2343335
887	22	M	29	00FF00-FF0000	KWB	2343445
888	22	M	29	00FF00-FF0000	KWM	1232225
889	22	M	29	00FF00-FF0000	KWR	2241335
890	22	M	29	00FF00-FF0000	KWYG	2221233
891	22	M	29	00FF00-FF0000	KWYC	4433322
892	22	M	29	00FF00-FF0000	KWYB	4434342
893	22	M	29	00FF00-FF0000	KWYM	4334221
894	22	M	29	00FF00-FF0000	KWYR	3424241
895	22	M	29	00FF00-FF0000	KWGC	3233224
896	22	M	29	00FF00-FF0000	KWGB	4434332
897	22	M	29	00FF00-FF0000	KWGM	3334223
898	22	M	29	00FF00-FF0000	KWGR	4333322
899	22	M	29	00FF00-FF0000	KWCB	4323321
900	22	M	29	00FF00-FF0000	KWCM	2332224

	participant	gender	age	color preferences	item	response profile
901	22	M	29	00FF00-FF0000	KWCR	2444345
902	22	M	29	00FF00-FF0000	KWBM	2232324
903	22	M	29	00FF00-FF0000	KWBR	2131224
904	22	M	29	00FF00-FF0000	KWMR	1121214
905	22	M	29	00FF00-FF0000	KWYGC	2121222
906	22	M	29	00FF00-FF0000	KWYGB	4434242
907	22	M	29	00FF00-FF0000	KWYGM	4323222
908	22	M	29	00FF00-FF0000	KWYGR	2323233
909	22	M	29	00FF00-FF0000	KWYCB	4434433
910	22	M	29	00FF00-FF0000	KWYCM	4433232
911	22	M	29	00FF00-FF0000	KWYCR	3224221
912	22	M	29	00FF00-FF0000	KWYBM	4322332
913	22	M	29	00FF00-FF0000	KWYBR	2221123
914	22	M	29	00FF00-FF0000	KWYMR	2221124
915	22	M	29	00FF00-FF0000	KWGCB	4344332
916	22	M	29	00FF00-FF0000	KWGCM	4334232
917	22	M	29	00FF00-FF0000	KWGCR	2323344
918	22	M	29	00FF00-FF0000	KWGBM	3433232
919	22	M	29	00FF00-FF0000	KWGBR	4324141
920	22	M	29	00FF00-FF0000	KWGMR	4323231
921	22	M	29	00FF00-FF0000	KWCBM	3224322
922	22	M	29	00FF00-FF0000	KWCBR	3233442
923	22	M	29	00FF00-FF0000	KWCMR	1221224
924	22	M	29	00FF00-FF0000	KWBMR	1221213
925	23	F	43	000080-FFFFFF	KW	1141125
926	23	F	43	000080-FFFFFF	KWY	1242152
927	23	F	43	000080-FFFFFF	KWG	2241215
928	23	F	43	000080-FFFFFF	KWC	3244323
929	23	F	43	000080-FFFFFF	KWB	3354554
930	23	F	43	000080-FFFFFF	KWM	4112224
931	23	F	43	000080-FFFFFF	KWR	2221344
932	23	F	43	000080-FFFFFF	KWYG	1211243
933	23	F	43	000080-FFFFFF	KWYC	4521212
934	23	F	43	000080-FFFFFF	KWYB	1251212
935	23	F	43	000080-FFFFFF	KWYM	4213411
936	23	F	43	000080-FFFFFF	KWYR	2113121
937	23	F	43	000080-FFFFFF	KWGC	1254434
938	23	F	43	000080-FFFFFF	KWGB	2211424
939	23	F	43	000080-FFFFFF	KWGM	2421312
940	23	F	43	000080-FFFFFF	KWGR	3231233
941	23	F	43	000080-FFFFFF	KWCB	5435535
942	23	F	43	000080-FFFFFF	KWCM	5535533
943	23	F	43	000080-FFFFFF	KWCR	3222333
944	23	F	43	000080-FFFFFF	KWBM	3442444
945	23	F	43	000080-FFFFFF	KWBR	2131443
946	23	F	43	000080-FFFFFF	KWMR	2111111
947	23	F	43	000080-FFFFFF	KWYGC	1341354
948	23	F	43	000080-FFFFFF	KWYGB	1521213
949	23	F	43	000080-FFFFFF	KWYGM	4412112
950	23	F	43	000080-FFFFFF	KWYGR	1111212

	participant	gender	age	color preferences	item	response profile
951	23	F	43	000080-FFFFFF	KWYCB	4515431
952	23	F	43	000080-FFFFFF	KWYCM	5514421
953	23	F	43	000080-FFFFFF	KWYCR	5514521
954	23	F	43	000080-FFFFFF	KWYBM	4313122
955	23	F	43	000080-FFFFFF	KWYBR	5514422
956	23	F	43	000080-FFFFFF	KWYMR	5215231
957	23	F	43	000080-FFFFFF	KWGCB	5425434
958	23	F	43	000080-FFFFFF	KWGCM	4514122
959	23	F	43	000080-FFFFFF	KWGCR	4112211
960	23	F	43	000080-FFFFFF	KWGBM	4523513
961	23	F	43	000080-FFFFFF	KWGBR	1111111
962	23	F	43	000080-FFFFFF	KWGMR	3213331
963	23	F	43	000080-FFFFFF	KWCBM	4533523
964	23	F	43	000080-FFFFFF	KWCBR	3524434
965	23	F	43	000080-FFFFFF	KWCMR	5424421
966	23	F	43	000080-FFFFFF	KWBMR	3111212
967	24	F	47	0000FF-FFFF80	KW	2222435
968	24	F	47	0000FF-FFFF80	KWY	3122222
969	24	F	47	0000FF-FFFF80	KWG	3122233
970	24	F	47	0000FF-FFFF80	KWC	3223233
971	24	F	47	0000FF-FFFF80	KWB	4344444
972	24	F	47	0000FF-FFFF80	KWM	2332314
973	24	F	47	0000FF-FFFF80	KWR	3221223
974	24	F	47	0000FF-FFFF80	KWYG	2123322
975	24	F	47	0000FF-FFFF80	KWYC	2222232
976	24	F	47	0000FF-FFFF80	KWYB	3443333
977	24	F	47	0000FF-FFFF80	KWYM	1222233
978	24	F	47	0000FF-FFFF80	KWYR	3223232
979	24	F	47	0000FF-FFFF80	KWGC	4455543
980	24	F	47	0000FF-FFFF80	KWGB	3334444
981	24	F	47	0000FF-FFFF80	KWGM	2233233
982	24	F	47	0000FF-FFFF80	KWGR	2323233
983	24	F	47	0000FF-FFFF80	KWCB	5555554
984	24	F	47	0000FF-FFFF80	KWCM	5534443
985	24	F	47	0000FF-FFFF80	KWCR	2333233
986	24	F	47	0000FF-FFFF80	KWBM	4554444
987	24	F	47	0000FF-FFFF80	KWBR	3123222
988	24	F	47	0000FF-FFFF80	KWMR	2121222
989	24	F	47	0000FF-FFFF80	KWYGC	4343343
990	24	F	47	0000FF-FFFF80	KWYGB	4544444
991	24	F	47	0000FF-FFFF80	KWYGM	2223243
992	24	F	47	0000FF-FFFF80	KWYGR	2222222
993	24	F	47	0000FF-FFFF80	KWYCB	4334332
994	24	F	47	0000FF-FFFF80	KWYCM	3223233
995	24	F	47	0000FF-FFFF80	KWYCR	2222232
996	24	F	47	0000FF-FFFF80	KWYBM	2222222
997	24	F	47	0000FF-FFFF80	KWYBR	3423253
998	24	F	47	0000FF-FFFF80	KWYMR	2222333
999	24	F	47	0000FF-FFFF80	KWGCB	5545554
1000	24	F	47	0000FF-FFFF80	KWGCM	5445533

	participant	gender	age	color preferences	item	response profile
1001	24	F	47	0000FF-FFFF80	KWGCR	4233433
1002	24	F	47	0000FF-FFFF80	KWGBM	4444554
1003	24	F	47	0000FF-FFFF80	KWGBR	2233333
1004	24	F	47	0000FF-FFFF80	KWGMR	2222223
1005	24	F	47	0000FF-FFFF80	KWCBM	4444444
1006	24	F	47	0000FF-FFFF80	KWCBR	4343334
1007	24	F	47	0000FF-FFFF80	KWCMR	3242222
1008	24	F	47	0000FF-FFFF80	KWBMR	3223332
1009	25	M	34	FFFF00-FF00FF	KW	2121324
1010	25	M	34	FFFF00-FF00FF	KWY	1221214
1011	25	M	34	FFFF00-FF00FF	KWG	2233343
1012	25	M	34	FFFF00-FF00FF	KWC	5555553
1013	25	M	34	FFFF00-FF00FF	KWB	2142223
1014	25	M	34	FFFF00-FF00FF	KWM	1221323
1015	25	M	34	FFFF00-FF00FF	KWR	2111112
1016	25	M	34	FFFF00-FF00FF	KWYG	4424353
1017	25	M	34	FFFF00-FF00FF	KWYC	4434442
1018	25	M	34	FFFF00-FF00FF	KWYB	3223332
1019	25	M	34	FFFF00-FF00FF	KWYM	3211222
1020	25	M	34	FFFF00-FF00FF	KWYR	2111131
1021	25	M	34	FFFF00-FF00FF	KWGC	5445353
1022	25	M	34	FFFF00-FF00FF	KWGB	2232323
1023	25	M	34	FFFF00-FF00FF	KWGM	1121313
1024	25	M	34	FFFF00-FF00FF	KWGR	2222232
1025	25	M	34	FFFF00-FF00FF	KWCB	3445553
1026	25	M	34	FFFF00-FF00FF	KWCM	2433442
1027	25	M	34	FFFF00-FF00FF	KWCR	2121243
1028	25	M	34	FFFF00-FF00FF	KWBM	3443333
1029	25	M	34	FFFF00-FF00FF	KWBR	1121223
1030	25	M	34	FFFF00-FF00FF	KWMR	1131213
1031	25	M	34	FFFF00-FF00FF	KWYGC	4535452
1032	25	M	34	FFFF00-FF00FF	KWYGB	2223243
1033	25	M	34	FFFF00-FF00FF	KWYGM	2422342
1034	25	M	34	FFFF00-FF00FF	KWYGR	4423241
1035	25	M	34	FFFF00-FF00FF	KWYCB	3434453
1036	25	M	34	FFFF00-FF00FF	KWYCM	2555452
1037	25	M	34	FFFF00-FF00FF	KWYCR	4212141
1038	25	M	34	FFFF00-FF00FF	KWYBM	5544553
1039	25	M	34	FFFF00-FF00FF	KWYBR	2331223
1040	25	M	34	FFFF00-FF00FF	KWYMR	1121114
1041	25	M	34	FFFF00-FF00FF	KWGCB	5445553
1042	25	M	34	FFFF00-FF00FF	KWGCM	4555454
1043	25	M	34	FFFF00-FF00FF	KWGCR	4334343
1044	25	M	34	FFFF00-FF00FF	KWGBM	3444454
1045	25	M	34	FFFF00-FF00FF	KWGBR	3332224
1046	25	M	34	FFFF00-FF00FF	KWGMR	2342222
1047	25	M	34	FFFF00-FF00FF	KWCBM	2455454
1048	25	M	34	FFFF00-FF00FF	KWCBR	3234343
1049	25	M	34	FFFF00-FF00FF	KWCMR	1121114
1050	25	M	34	FFFF00-FF00FF	KWBMR	2333243

	participant	gender	age	color preferences	item	response profile
1051	26	F	28	0000FF-FF8080	KW	3222344
1052	26	F	28	0000FF-FF8080	KWY	3222244
1053	26	F	28	0000FF-FF8080	KWG	3213422
1054	26	F	28	0000FF-FF8080	KWC	3212222
1055	26	F	28	0000FF-FF8080	KWB	3244345
1056	26	F	28	0000FF-FF8080	KWM	2222323
1057	26	F	28	0000FF-FF8080	KWR	3112334
1058	26	F	28	0000FF-FF8080	KWYG	3212232
1059	26	F	28	0000FF-FF8080	KWYC	3222333
1060	26	F	28	0000FF-FF8080	KWYB	2222344
1061	26	F	28	0000FF-FF8080	KWYM	2222333
1062	26	F	28	0000FF-FF8080	KWYR	4223213
1063	26	F	28	0000FF-FF8080	KWGC	3323232
1064	26	F	28	0000FF-FF8080	KWGB	2343344
1065	26	F	28	0000FF-FF8080	KWGM	2232344
1066	26	F	28	0000FF-FF8080	KWGR	3142344
1067	26	F	28	0000FF-FF8080	KWCB	5214213
1068	26	F	28	0000FF-FF8080	KWCM	2332333
1069	26	F	28	0000FF-FF8080	KWCR	2343344
1070	26	F	28	0000FF-FF8080	KWBM	2444444
1071	26	F	28	0000FF-FF8080	KWBR	2242334
1072	26	F	28	0000FF-FF8080	KWMR	3112222
1073	26	F	28	0000FF-FF8080	KWYGC	2232333
1074	26	F	28	0000FF-FF8080	KWYGB	4334422
1075	26	F	28	0000FF-FF8080	KWYGM	3222233
1076	26	F	28	0000FF-FF8080	KWYGR	3221233
1077	26	F	28	0000FF-FF8080	KWYCB	3444434
1078	26	F	28	0000FF-FF8080	KWYCM	3434432
1079	26	F	28	0000FF-FF8080	KWYCR	4334432
1080	26	F	28	0000FF-FF8080	KWYBM	2232334
1081	26	F	28	0000FF-FF8080	KWYBR	3212222
1082	26	F	28	0000FF-FF8080	KWYMR	4212222
1083	26	F	28	0000FF-FF8080	KWGCB	2344443
1084	26	F	28	0000FF-FF8080	KWGCM	3444432
1085	26	F	28	0000FF-FF8080	KWGCR	4344433
1086	26	F	28	0000FF-FF8080	KWGBM	2243444
1087	26	F	28	0000FF-FF8080	KWGBR	3343433
1088	26	F	28	0000FF-FF8080	KWGMR	4443433
1089	26	F	28	0000FF-FF8080	KWCBM	2344444
1090	26	F	28	0000FF-FF8080	KWCBR	3244444
1091	26	F	28	0000FF-FF8080	KWCMR	4344434
1092	26	F	28	0000FF-FF8080	KWBMR	2111234
1093	27	F	61	0000FF-000000	KW	4123424
1094	27	F	61	0000FF-000000	KWY	3233334
1095	27	F	61	0000FF-000000	KWG	4224242
1096	27	F	61	0000FF-000000	KWC	4233434
1097	27	F	61	0000FF-000000	KWB	3123324
1098	27	F	61	0000FF-000000	KWM	3133433
1099	27	F	61	0000FF-000000	KWR	4244343
1100	27	F	61	0000FF-000000	KWYG	3224243

	participant	gender	age	color preferences	item	response profile
1101	27	F	61	0000FF-000000	KWYC	4334343
1102	27	F	61	0000FF-000000	KWYB	3343434
1103	27	F	61	0000FF-000000	KWYM	4224243
1104	27	F	61	0000FF-000000	KWYR	4223231
1105	27	F	61	0000FF-000000	KWGC	4224233
1106	27	F	61	0000FF-000000	KWGB	3223334
1107	27	F	61	0000FF-000000	KWGM	3234343
1108	27	F	61	0000FF-000000	KWGR	4223232
1109	27	F	61	0000FF-000000	KWCB	5324242
1110	27	F	61	0000FF-000000	KWCM	4323333
1111	27	F	61	0000FF-000000	KWCR	4324343
1112	27	F	61	0000FF-000000	KWBM	3223232
1113	27	F	61	0000FF-000000	KWBR	4224242
1114	27	F	61	0000FF-000000	KWMR	3123233
1115	27	F	61	0000FF-000000	KWYGC	3233334
1116	27	F	61	0000FF-000000	KWYGB	5334242
1117	27	F	61	0000FF-000000	KWYGM	4224343
1118	27	F	61	0000FF-000000	KWYGR	4223242
1119	27	F	61	0000FF-000000	KWYCB	4334343
1120	27	F	61	0000FF-000000	KWYCM	4234342
1121	27	F	61	0000FF-000000	KWYCR	4334342
1122	27	F	61	0000FF-000000	KWYBM	4223242
1123	27	F	61	0000FF-000000	KWYBR	5213121
1124	27	F	61	0000FF-000000	KWYMR	4113232
1125	27	F	61	0000FF-000000	KWGCB	5325353
1126	27	F	61	0000FF-000000	KWGCM	4234244
1127	27	F	61	0000FF-000000	KWGCR	4334343
1128	27	F	61	0000FF-000000	KWGBM	5224342
1129	27	F	61	0000FF-000000	KWGBR	4224242
1130	27	F	61	0000FF-000000	KWGMR	4224242
1131	27	F	61	0000FF-000000	KWCBM	4334343
1132	27	F	61	0000FF-000000	KWCBR	5324242
1133	27	F	61	0000FF-000000	KWCMR	4224333
1134	27	F	61	0000FF-000000	KWBMR	4224344
1135	28	M	25	00FFFF-FFFF00	KW	5113224
1136	28	M	25	00FFFF-FFFF00	KWY	4444434
1137	28	M	25	00FFFF-FFFF00	KWG	2112113
1138	28	M	25	00FFFF-FFFF00	KWC	4213212
1139	28	M	25	00FFFF-FFFF00	KWB	4112113
1140	28	M	25	00FFFF-FFFF00	KWM	2121224
1141	28	M	25	00FFFF-FFFF00	KWR	1111114
1142	28	M	25	00FFFF-FFFF00	KWYG	2112112
1143	28	M	25	00FFFF-FFFF00	KWYC	4323222
1144	28	M	25	00FFFF-FFFF00	KWYB	3333434
1145	28	M	25	00FFFF-FFFF00	KWYM	4322333
1146	28	M	25	00FFFF-FFFF00	KWYR	2222223
1147	28	M	25	00FFFF-FFFF00	KWGC	4223111
1148	28	M	25	00FFFF-FFFF00	KWGB	3344433
1149	28	M	25	00FFFF-FFFF00	KWGM	2342224
1150	28	M	25	00FFFF-FFFF00	KWGR	2111112

	participant	gender	age	color preferences	item	response profile
1151	28	M	25	00FFFF-FFFF00	KWCB	5222312
1152	28	M	25	00FFFF-FFFF00	KWCM	4444444
1153	28	M	25	00FFFF-FFFF00	KWCR	3233333
1154	28	M	25	00FFFF-FFFF00	KWBM	4444434
1155	28	M	25	00FFFF-FFFF00	KWBR	1111113
1156	28	M	25	00FFFF-FFFF00	KWMR	1111124
1157	28	M	25	00FFFF-FFFF00	KWYGC	4322211
1158	28	M	25	00FFFF-FFFF00	KWYGB	3344444
1159	28	M	25	00FFFF-FFFF00	KWYGM	3344332
1160	28	M	25	00FFFF-FFFF00	KWYGR	2222234
1161	28	M	25	00FFFF-FFFF00	KWYCB	2344442
1162	28	M	25	00FFFF-FFFF00	KWYCM	4444542
1163	28	M	25	00FFFF-FFFF00	KWYCR	3112222
1164	28	M	25	00FFFF-FFFF00	KWYBM	2344444
1165	28	M	25	00FFFF-FFFF00	KWYBR	3212212
1166	28	M	25	00FFFF-FFFF00	KWYMR	2221223
1167	28	M	25	00FFFF-FFFF00	KWGCB	4324422
1168	28	M	25	00FFFF-FFFF00	KWGCM	5324422
1169	28	M	25	00FFFF-FFFF00	KWGCR	3444443
1170	28	M	25	00FFFF-FFFF00	KWGBM	4444444
1171	28	M	25	00FFFF-FFFF00	KWGBR	3223222
1172	28	M	25	00FFFF-FFFF00	KWGMR	2232333
1173	28	M	25	00FFFF-FFFF00	KWCBM	4334433
1174	28	M	25	00FFFF-FFFF00	KWCBR	2222234
1175	28	M	25	00FFFF-FFFF00	KWCMR	4444444
1176	28	M	25	00FFFF-FFFF00	KWBMR	2222224
1177	29	M	28	0000FF-FF8000	KW	2133255
1178	29	M	28	0000FF-FF8000	KWY	2244224
1179	29	M	28	0000FF-FF8000	KWG	2222224
1180	29	M	28	0000FF-FF8000	KWC	2232324
1181	29	M	28	0000FF-FF8000	KWB	2243434
1182	29	M	28	0000FF-FF8000	KWM	2244334
1183	29	M	28	0000FF-FF8000	KWR	2121325
1184	29	M	28	0000FF-FF8000	KWYG	1131313
1185	29	M	28	0000FF-FF8000	KWYC	4232224
1186	29	M	28	0000FF-FF8000	KWYB	4434234
1187	29	M	28	0000FF-FF8000	KWYM	2242323
1188	29	M	28	0000FF-FF8000	KWYR	2222223
1189	29	M	28	0000FF-FF8000	KWGC	1242323
1190	29	M	28	0000FF-FF8000	KWGB	5444434
1191	29	M	28	0000FF-FF8000	KWGM	2432224
1192	29	M	28	0000FF-FF8000	KWGR	1121224
1193	29	M	28	0000FF-FF8000	KWCB	5344434
1194	29	M	28	0000FF-FF8000	KWCM	4435444
1195	29	M	28	0000FF-FF8000	KWCR	3444444
1196	29	M	28	0000FF-FF8000	KWBM	4245544
1197	29	M	28	0000FF-FF8000	KWBR	2134325
1198	29	M	28	0000FF-FF8000	KWMR	1141212
1199	29	M	28	0000FF-FF8000	KWYGC	2222223
1200	29	M	28	0000FF-FF8000	KWYGB	5423124

	participant	gender	age	color preferences	item	response profile
1201	29	M	28	0000FF-FF8000	KWYGM	2422222
1202	29	M	28	0000FF-FF8000	KWYGR	4312231
1203	29	M	28	0000FF-FF8000	KWYCB	3243443
1204	29	M	28	0000FF-FF8000	KWYCM	3424232
1205	29	M	28	0000FF-FF8000	KWYCR	3425242
1206	29	M	28	0000FF-FF8000	KWYBM	5444243
1207	29	M	28	0000FF-FF8000	KWYBR	4434233
1208	29	M	28	0000FF-FF8000	KWYMR	2111111
1209	29	M	28	0000FF-FF8000	KWGCB	5444554
1210	29	M	28	0000FF-FF8000	KWGCM	5424443
1211	29	M	28	0000FF-FF8000	KWGCR	4445445
1212	29	M	28	0000FF-FF8000	KWGBM	4434243
1213	29	M	28	0000FF-FF8000	KWGBR	4224354
1214	29	M	28	0000FF-FF8000	KWGMR	5344234
1215	29	M	28	0000FF-FF8000	KWCBM	4445554
1216	29	M	28	0000FF-FF8000	KWCBR	2434334
1217	29	M	28	0000FF-FF8000	KWCMR	4433244
1218	29	M	28	0000FF-FF8000	KWBMR	4242344
1219	30	F	29	FFFF00-FF00FF	KW	2252345
1220	30	F	29	FFFF00-FF00FF	KWY	2442345
1221	30	F	29	FFFF00-FF00FF	KWG	2332334
1222	30	F	29	FFFF00-FF00FF	KWC	2444444
1223	30	F	29	FFFF00-FF00FF	KWB	2232344
1224	30	F	29	FFFF00-FF00FF	KWM	3344344
1225	30	F	29	FFFF00-FF00FF	KWR	2232224
1226	30	F	29	FFFF00-FF00FF	KWYG	3333333
1227	30	F	29	FFFF00-FF00FF	KWYC	4323442
1228	30	F	29	FFFF00-FF00FF	KWYB	3443344
1229	30	F	29	FFFF00-FF00FF	KWYM	2322333
1230	30	F	29	FFFF00-FF00FF	KWYR	4434333
1231	30	F	29	FFFF00-FF00FF	KWGC	4424333
1232	30	F	29	FFFF00-FF00FF	KWGB	4434443
1233	30	F	29	FFFF00-FF00FF	KWGM	3344343
1234	30	F	29	FFFF00-FF00FF	KWGR	3323232
1235	30	F	29	FFFF00-FF00FF	KWCB	4434334
1236	30	F	29	FFFF00-FF00FF	KWCM	3433333
1237	30	F	29	FFFF00-FF00FF	KWCR	3323333
1238	30	F	29	FFFF00-FF00FF	KWBM	3333333
1239	30	F	29	FFFF00-FF00FF	KWBR	3222224
1240	30	F	29	FFFF00-FF00FF	KWMR	3223223
1241	30	F	29	FFFF00-FF00FF	KWYGC	3332333
1242	30	F	29	FFFF00-FF00FF	KWYGB	4334433
1243	30	F	29	FFFF00-FF00FF	KWYGM	3324332
1244	30	F	29	FFFF00-FF00FF	KWYGR	4434433
1245	30	F	29	FFFF00-FF00FF	KWYCB	4434332
1246	30	F	29	FFFF00-FF00FF	KWYCM	4424232
1247	30	F	29	FFFF00-FF00FF	KWYCR	4424232
1248	30	F	29	FFFF00-FF00FF	KWYBM	3323333
1249	30	F	29	FFFF00-FF00FF	KWYBR	4424233
1250	30	F	29	FFFF00-FF00FF	KWYMR	4333332

	participant	gender	age	color preferences	item	response profile
1251	30	F	29	FFFF00-FF00FF	KWGCB	4324333
1252	30	F	29	FFFF00-FF00FF	KWGCM	4434443
1253	30	F	29	FFFF00-FF00FF	KWGCR	4424433
1254	30	F	29	FFFF00-FF00FF	KWGBM	4334333
1255	30	F	29	FFFF00-FF00FF	KWGBR	4323232
1256	30	F	29	FFFF00-FF00FF	KWGMR	3334333
1257	30	F	29	FFFF00-FF00FF	KWCBM	3333333
1258	30	F	29	FFFF00-FF00FF	KWCBR	3323334
1259	30	F	29	FFFF00-FF00FF	KWCMR	3333333
1260	30	F	29	FFFF00-FF00FF	KWBMR	3323432
1261	31	M	48	80FF80-FFFFFF	KW	4344545
1262	31	M	48	80FF80-FFFFFF	KWY	4223233
1263	31	M	48	80FF80-FFFFFF	KWG	3313233
1264	31	M	48	80FF80-FFFFFF	KWC	3333544
1265	31	M	48	80FF80-FFFFFF	KWB	3223434
1266	31	M	48	80FF80-FFFFFF	KWM	1221414
1267	31	M	48	80FF80-FFFFFF	KWR	4344434
1268	31	M	48	80FF80-FFFFFF	KWYG	2222223
1269	31	M	48	80FF80-FFFFFF	KWYC	3222222
1270	31	M	48	80FF80-FFFFFF	KWYB	3222223
1271	31	M	48	80FF80-FFFFFF	KWYM	3212131
1272	31	M	48	80FF80-FFFFFF	KWYR	3222122
1273	31	M	48	80FF80-FFFFFF	KWGC	3313424
1274	31	M	48	80FF80-FFFFFF	KWGB	3332434
1275	31	M	48	80FF80-FFFFFF	KWGM	1321322
1276	31	M	48	80FF80-FFFFFF	KWGR	3433434
1277	31	M	48	80FF80-FFFFFF	KWCB	4344434
1278	31	M	48	80FF80-FFFFFF	KWCM	2332324
1279	31	M	48	80FF80-FFFFFF	KWCR	4344444
1280	31	M	48	80FF80-FFFFFF	KWBM	3243334
1281	31	M	48	80FF80-FFFFFF	KWBR	3323444
1282	31	M	48	80FF80-FFFFFF	KWMR	1221223
1283	31	M	48	80FF80-FFFFFF	KWYGC	4422333
1284	31	M	48	80FF80-FFFFFF	KWYGB	2322223
1285	31	M	48	80FF80-FFFFFF	KWYGM	2222222
1286	31	M	48	80FF80-FFFFFF	KWYGR	2312223
1287	31	M	48	80FF80-FFFFFF	KWYCB	3333232
1288	31	M	48	80FF80-FFFFFF	KWYCM	4433333
1289	31	M	48	80FF80-FFFFFF	KWYCR	4233232
1290	31	M	48	80FF80-FFFFFF	KWYBM	3342333
1291	31	M	48	80FF80-FFFFFF	KWYBR	2332323
1292	31	M	48	80FF80-FFFFFF	KWYMR	2211212
1293	31	M	48	80FF80-FFFFFF	KWGCB	4424343
1294	31	M	48	80FF80-FFFFFF	KWGCM	4444444
1295	31	M	48	80FF80-FFFFFF	KWGCR	3433433
1296	31	M	48	80FF80-FFFFFF	KWGBM	3334444
1297	31	M	48	80FF80-FFFFFF	KWGBR	3323333
1298	31	M	48	80FF80-FFFFFF	KWGMR	1221112
1299	31	M	48	80FF80-FFFFFF	KWCBM	3333444
1300	31	M	48	80FF80-FFFFFF	KWCBR	2233334

	participant	gender	age	color preferences	item	response profile
1301	31	M	48	80FF80-FFFFFF	KWCMR	3333344
1302	31	M	48	80FF80-FFFFFF	KWBMR	2321323
1303	32	M	30	00FF00-FF8080	KW	3243345
1304	32	M	30	00FF00-FF8080	KWY	2243323
1305	32	M	30	00FF00-FF8080	KWG	3212122
1306	32	M	30	00FF00-FF8080	KWC	3222212
1307	32	M	30	00FF00-FF8080	KWB	2142324
1308	32	M	30	00FF00-FF8080	KWM	2132214
1309	32	M	30	00FF00-FF8080	KWR	2111333
1310	32	M	30	00FF00-FF8080	KWYG	2112111
1311	32	M	30	00FF00-FF8080	KWYC	3222122
1312	32	M	30	00FF00-FF8080	KWYB	2332314
1313	32	M	30	00FF00-FF8080	KWYM	2112112
1314	32	M	30	00FF00-FF8080	KWYR	3112122
1315	32	M	30	00FF00-FF8080	KWGC	3212122
1316	32	M	30	00FF00-FF8080	KWGB	3223233
1317	32	M	30	00FF00-FF8080	KWGM	3232333
1318	32	M	30	00FF00-FF8080	KWGR	3222324
1319	32	M	30	00FF00-FF8080	KWCB	3324332
1320	32	M	30	00FF00-FF8080	KWCM	3221323
1321	32	M	30	00FF00-FF8080	KWCR	3333234
1322	32	M	30	00FF00-FF8080	KWBM	3222433
1323	32	M	30	00FF00-FF8080	KWBR	2121324
1324	32	M	30	00FF00-FF8080	KWMR	3121211
1325	32	M	30	00FF00-FF8080	KWYGC	3112111
1326	32	M	30	00FF00-FF8080	KWYGB	4224333
1327	32	M	30	00FF00-FF8080	KWYGM	4213121
1328	32	M	30	00FF00-FF8080	KWYGR	4112121
1329	32	M	30	00FF00-FF8080	KWYCB	4224232
1330	32	M	30	00FF00-FF8080	KWYCM	2121112
1331	32	M	30	00FF00-FF8080	KWYCR	3213121
1332	32	M	30	00FF00-FF8080	KWYBM	2231224
1333	32	M	30	00FF00-FF8080	KWYBR	4223222
1334	32	M	30	00FF00-FF8080	KWYMR	4112111
1335	32	M	30	00FF00-FF8080	KWGCB	4334333
1336	32	M	30	00FF00-FF8080	KWGCM	3223233
1337	32	M	30	00FF00-FF8080	KWGCR	4113232
1338	32	M	30	00FF00-FF8080	KWGBM	3243434
1339	32	M	30	00FF00-FF8080	KWGBR	3213333
1340	32	M	30	00FF00-FF8080	KWGMR	3213122
1341	32	M	30	00FF00-FF8080	KWCBM	3324233
1342	32	M	30	00FF00-FF8080	KWCBR	3434334
1343	32	M	30	00FF00-FF8080	KWCMR	4224332
1344	32	M	30	00FF00-FF8080	KWBMR	4123333
1345	33	F	23	000080-FFFF00	KW	3333334
1346	33	F	23	000080-FFFF00	KWY	1122224
1347	33	F	23	000080-FFFF00	KWG	4222223
1348	33	F	23	000080-FFFF00	KWC	4223423
1349	33	F	23	000080-FFFF00	KWB	2232224
1350	33	F	23	000080-FFFF00	KWM	3221213

	participant	gender	age	color preferences	item	response profile
1351	33	F	23	000080-FFFF00	KWR	1111114
1352	33	F	23	000080-FFFF00	KWYG	2122212
1353	33	F	23	000080-FFFF00	KWYC	2222222
1354	33	F	23	000080-FFFF00	KWYB	4222223
1355	33	F	23	000080-FFFF00	KWYM	2222222
1356	33	F	23	000080-FFFF00	KWYR	4222223
1357	33	F	23	000080-FFFF00	KWGC	2222214
1358	33	F	23	000080-FFFF00	KWGB	3233323
1359	33	F	23	000080-FFFF00	KWGM	3222222
1360	33	F	23	000080-FFFF00	KWGR	4111113
1361	33	F	23	000080-FFFF00	KWCB	5224324
1362	33	F	23	000080-FFFF00	KWCM	2232224
1363	33	F	23	000080-FFFF00	KWCR	2112113
1364	33	F	23	000080-FFFF00	KWBM	3232223
1365	33	F	23	000080-FFFF00	KWBR	2121114
1366	33	F	23	000080-FFFF00	KWMR	1121214
1367	33	F	23	000080-FFFF00	KWYGC	2222222
1368	33	F	23	000080-FFFF00	KWYGB	4323232
1369	33	F	23	000080-FFFF00	KWYGM	4222222
1370	33	F	23	000080-FFFF00	KWYGR	2112123
1371	33	F	23	000080-FFFF00	KWYCB	4434232
1372	33	F	23	000080-FFFF00	KWYCM	3222222
1373	33	F	23	000080-FFFF00	KWYCR	4422223
1374	33	F	23	000080-FFFF00	KWYBM	2122224
1375	33	F	23	000080-FFFF00	KWYBR	1121112
1376	33	F	23	000080-FFFF00	KWYMR	1131313
1377	33	F	23	000080-FFFF00	KWGCB	4434343
1378	33	F	23	000080-FFFF00	KWGCM	3222223
1379	33	F	23	000080-FFFF00	KWGCR	2222223
1380	33	F	23	000080-FFFF00	KWGBM	2242224
1381	33	F	23	000080-FFFF00	KWGBR	1131114
1382	33	F	23	000080-FFFF00	KWGMR	1111113
1383	33	F	23	000080-FFFF00	KWCBM	4333443
1384	33	F	23	000080-FFFF00	KWCBR	2122224
1385	33	F	23	000080-FFFF00	KWCMR	3231323
1386	33	F	23	000080-FFFF00	KWBMR	2131114
1387	34	F	35	0000FF-FFFF00	KW	4222224
1388	34	F	35	0000FF-FFFF00	KWY	3121224
1389	34	F	35	0000FF-FFFF00	KWG	2232223
1390	34	F	35	0000FF-FFFF00	KWC	3354444
1391	34	F	35	0000FF-FFFF00	KWB	4111424
1392	34	F	35	0000FF-FFFF00	KWM	2241224
1393	34	F	35	0000FF-FFFF00	KWR	1121114
1394	34	F	35	0000FF-FFFF00	KWYG	3222222
1395	34	F	35	0000FF-FFFF00	KWYC	3444443
1396	34	F	35	0000FF-FFFF00	KWYB	3224442
1397	34	F	35	0000FF-FFFF00	KWYM	2112222
1398	34	F	35	0000FF-FFFF00	KWYR	4112122
1399	34	F	35	0000FF-FFFF00	KWGC	4234343
1400	34	F	35	0000FF-FFFF00	KWGB	4323444

	participant	gender	age	color preferences	item	response profile
1401	34	F	35	0000FF-FFFF00	KWGM	1112333
1402	34	F	35	0000FF-FFFF00	KWGR	3232224
1403	34	F	35	0000FF-FFFF00	KWCB	5334543
1404	34	F	35	0000FF-FFFF00	KWCM	4424433
1405	34	F	35	0000FF-FFFF00	KWCR	2222315
1406	34	F	35	0000FF-FFFF00	KWBM	2232323
1407	34	F	35	0000FF-FFFF00	KWBR	3111234
1408	34	F	35	0000FF-FFFF00	KWMR	3114123
1409	34	F	35	0000FF-FFFF00	KWYGC	3224443
1410	34	F	35	0000FF-FFFF00	KWYGB	5114432
1411	34	F	35	0000FF-FFFF00	KWYGM	2124223
1412	34	F	35	0000FF-FFFF00	KWYGR	3313343
1413	34	F	35	0000FF-FFFF00	KWYCB	4424333
1414	34	F	35	0000FF-FFFF00	KWYCM	3424332
1415	34	F	35	0000FF-FFFF00	KWYCR	3212343
1416	34	F	35	0000FF-FFFF00	KWYBM	4524343
1417	34	F	35	0000FF-FFFF00	KWYBR	4213332
1418	34	F	35	0000FF-FFFF00	KWYMR	3212222
1419	34	F	35	0000FF-FFFF00	KWGCB	5434542
1420	34	F	35	0000FF-FFFF00	KWGCM	5324443
1421	34	F	35	0000FF-FFFF00	KWGCR	3434343
1422	34	F	35	0000FF-FFFF00	KWGBM	3423434
1423	34	F	35	0000FF-FFFF00	KWGBR	3112233
1424	34	F	35	0000FF-FFFF00	KWGMR	2233244
1425	34	F	35	0000FF-FFFF00	KWCBM	5123424
1426	34	F	35	0000FF-FFFF00	KWCBR	3333333
1427	34	F	35	0000FF-FFFF00	KWCMR	3113243
1428	34	F	35	0000FF-FFFF00	KWBMR	1223434
1429	35	M	28	00FF00-FFFF80	KW	3253514
1430	35	M	28	00FF00-FFFF80	KWY	3353454
1431	35	M	28	00FF00-FFFF80	KWG	4344344
1432	35	M	28	00FF00-FFFF80	KWC	4344554
1433	35	M	28	00FF00-FFFF80	KWB	4333343
1434	35	M	28	00FF00-FFFF80	KWM	3353455
1435	35	M	28	00FF00-FFFF80	KWR	3352455
1436	35	M	28	00FF00-FFFF80	KWYG	4313132
1437	35	M	28	00FF00-FFFF80	KWYC	4344443
1438	35	M	28	00FF00-FFFF80	KWYB	3333444
1439	35	M	28	00FF00-FFFF80	KWYM	3311121
1440	35	M	28	00FF00-FFFF80	KWYR	1341314
1441	35	M	28	00FF00-FFFF80	KWGC	4325533
1442	35	M	28	00FF00-FFFF80	KWGB	4323433
1443	35	M	28	00FF00-FFFF80	KWGM	5314131
1444	35	M	28	00FF00-FFFF80	KWGR	1341214
1445	35	M	28	00FF00-FFFF80	KWCB	5325543
1446	35	M	28	00FF00-FFFF80	KWCM	4323232
1447	35	M	28	00FF00-FFFF80	KWCR	1331315
1448	35	M	28	00FF00-FFFF80	KWBM	5344433
1449	35	M	28	00FF00-FFFF80	KWBR	1341315
1450	35	M	28	00FF00-FFFF80	KWMR	1341314

	participant	gender	age	color preferences	item	response profile
1451	35	M	28	00FF00-FFFF80	KWYGC	5314131
1452	35	M	28	00FF00-FFFF80	KWYGB	4314121
1453	35	M	28	00FF00-FFFF80	KWYGM	4313131
1454	35	M	28	00FF00-FFFF80	KWYGR	1343314
1455	35	M	28	00FF00-FFFF80	KWYCB	4324433
1456	35	M	28	00FF00-FFFF80	KWYCM	5313131
1457	35	M	28	00FF00-FFFF80	KWYCR	1341313
1458	35	M	28	00FF00-FFFF80	KWYBM	4324131
1459	35	M	28	00FF00-FFFF80	KWYBR	2322223
1460	35	M	28	00FF00-FFFF80	KWYMR	2112121
1461	35	M	28	00FF00-FFFF80	KWGCB	5315132
1462	35	M	28	00FF00-FFFF80	KWGCM	4313131
1463	35	M	28	00FF00-FFFF80	KWGCR	1351314
1464	35	M	28	00FF00-FFFF80	KWGBM	4314132
1465	35	M	28	00FF00-FFFF80	KWGBR	3332324
1466	35	M	28	00FF00-FFFF80	KWGMR	4314131
1467	35	M	28	00FF00-FFFF80	KWCBM	5323532
1468	35	M	28	00FF00-FFFF80	KWCBR	2331324
1469	35	M	28	00FF00-FFFF80	KWCMR	1341314
1470	35	M	28	00FF00-FFFF80	KWBMR	1332324
1471	36	F	27	00FF00-FF8080	KW	2122225
1472	36	F	27	00FF00-FF8080	KWY	1111114
1473	36	F	27	00FF00-FF8080	KWG	2111124
1474	36	F	27	00FF00-FF8080	KWC	2222224
1475	36	F	27	00FF00-FF8080	KWB	1111114
1476	36	F	27	00FF00-FF8080	KWM	1111114
1477	36	F	27	00FF00-FF8080	KWR	1111114
1478	36	F	27	00FF00-FF8080	KWYG	2222221
1479	36	F	27	00FF00-FF8080	KWYC	4223231
1480	36	F	27	00FF00-FF8080	KWYB	4422132
1481	36	F	27	00FF00-FF8080	KWYM	4222242
1482	36	F	27	00FF00-FF8080	KWYR	2111121
1483	36	F	27	00FF00-FF8080	KWGC	4424242
1484	36	F	27	00FF00-FF8080	KWGB	4434443
1485	36	F	27	00FF00-FF8080	KWGM	2112233
1486	36	F	27	00FF00-FF8080	KWGR	4423231
1487	36	F	27	00FF00-FF8080	KWCB	4444444
1488	36	F	27	00FF00-FF8080	KWCM	2223232
1489	36	F	27	00FF00-FF8080	KWCR	2222224
1490	36	F	27	00FF00-FF8080	KWBM	2222224
1491	36	F	27	00FF00-FF8080	KWBR	2221224
1492	36	F	27	00FF00-FF8080	KWMR	1111124
1493	36	F	27	00FF00-FF8080	KWYGC	4224241
1494	36	F	27	00FF00-FF8080	KWYGB	4213131
1495	36	F	27	00FF00-FF8080	KWYGM	4222221
1496	36	F	27	00FF00-FF8080	KWYGR	4212121
1497	36	F	27	00FF00-FF8080	KWYCB	4213131
1498	36	F	27	00FF00-FF8080	KWYCM	4423231
1499	36	F	27	00FF00-FF8080	KWYCR	4212121
1500	36	F	27	00FF00-FF8080	KWYBM	2222223

	participant	gender	age	color preferences	item	response profile
1501	36	F	27	00FF00-FF8080	KWYBR	4223232
1502	36	F	27	00FF00-FF8080	KWYMR	2111112
1503	36	F	27	00FF00-FF8080	KWGCB	4444442
1504	36	F	27	00FF00-FF8080	KWGCM	4213131
1505	36	F	27	00FF00-FF8080	KWGCR	4423231
1506	36	F	27	00FF00-FF8080	KWGBM	2111114
1507	36	F	27	00FF00-FF8080	KWGBR	4444243
1508	36	F	27	00FF00-FF8080	KWGMR	4424242
1509	36	F	27	00FF00-FF8080	KWCBM	4424443
1510	36	F	27	00FF00-FF8080	KWCBR	4444443
1511	36	F	27	00FF00-FF8080	KWCMR	1323233
1512	36	F	27	00FF00-FF8080	KWBMR	2211124
1513	37	M	40	0000FF-808000	KW	3243235
1514	37	M	40	0000FF-808000	KWY	5445445
1515	37	M	40	0000FF-808000	KWG	1132324
1516	37	M	40	0000FF-808000	KWC	2242334
1517	37	M	40	0000FF-808000	KWB	4344324
1518	37	M	40	0000FF-808000	KWM	2322212
1519	37	M	40	0000FF-808000	KWR	1131124
1520	37	M	40	0000FF-808000	KWYG	2112111
1521	37	M	40	0000FF-808000	KWYC	2111343
1522	37	M	40	0000FF-808000	KWYB	4434334
1523	37	M	40	0000FF-808000	KWYM	4544432
1524	37	M	40	0000FF-808000	KWYR	3112122
1525	37	M	40	0000FF-808000	KWGC	3114232
1526	37	M	40	0000FF-808000	KWGB	3224425
1527	37	M	40	0000FF-808000	KWGM	1231114
1528	37	M	40	0000FF-808000	KWGR	3222233
1529	37	M	40	0000FF-808000	KWCB	3113435
1530	37	M	40	0000FF-808000	KWCM	3213534
1531	37	M	40	0000FF-808000	KWCR	4233424
1532	37	M	40	0000FF-808000	KWBM	2123132
1533	37	M	40	0000FF-808000	KWBR	2324344
1534	37	M	40	0000FF-808000	KWMR	1112312
1535	37	M	40	0000FF-808000	KWYGC	2112212
1536	37	M	40	0000FF-808000	KWYGB	4212212
1537	37	M	40	0000FF-808000	KWYGM	4324232
1538	37	M	40	0000FF-808000	KWYGR	3423243
1539	37	M	40	0000FF-808000	KWYCB	4433545
1540	37	M	40	0000FF-808000	KWYCM	3313231
1541	37	M	40	0000FF-808000	KWYCR	4325244
1542	37	M	40	0000FF-808000	KWYBM	3113232
1543	37	M	40	0000FF-808000	KWYBR	4432444
1544	37	M	40	0000FF-808000	KWYMR	1112223
1545	37	M	40	0000FF-808000	KWGCB	3224524
1546	37	M	40	0000FF-808000	KWGCM	3112221
1547	37	M	40	0000FF-808000	KWGCR	4324234
1548	37	M	40	0000FF-808000	KWGBM	3112111
1549	37	M	40	0000FF-808000	KWGBR	2322231
1550	37	M	40	0000FF-808000	KWGMR	1212322

	participant	gender	age	color preferences	item	response profile
1551	37	M	40	0000FF-808000	KWCBM	4322324
1552	37	M	40	0000FF-808000	KWCBR	4424424
1553	37	M	40	0000FF-808000	KWCMR	3312324
1554	37	M	40	0000FF-808000	KWBMR	1112112
1555	38	F	33	0000FF-808000	KW	3243254
1556	38	F	33	0000FF-808000	KWY	1254233
1557	38	F	33	0000FF-808000	KWG	1132244
1558	38	F	33	0000FF-808000	KWC	4333443
1559	38	F	33	0000FF-808000	KWB	5133444
1560	38	F	33	0000FF-808000	KWM	2132333
1561	38	F	33	0000FF-808000	KWR	1111125
1562	38	F	33	0000FF-808000	KWYG	1141323
1563	38	F	33	0000FF-808000	KWYC	1223454
1564	38	F	33	0000FF-808000	KWYB	2342355
1565	38	F	33	0000FF-808000	KWYM	1141234
1566	38	F	33	0000FF-808000	KWYR	2143255
1567	38	F	33	0000FF-808000	KWGC	1132325
1568	38	F	33	0000FF-808000	KWGB	4544453
1569	38	F	33	0000FF-808000	KWGM	2223454
1570	38	F	33	0000FF-808000	KWGR	2344355
1571	38	F	33	0000FF-808000	KWCB	4344435
1572	38	F	33	0000FF-808000	KWCM	5444243
1573	38	F	33	0000FF-808000	KWCR	3143323
1574	38	F	33	0000FF-808000	KWBM	4323232
1575	38	F	33	0000FF-808000	KWBR	2233423
1576	38	F	33	0000FF-808000	KWMR	1121122
1577	38	F	33	0000FF-808000	KWYGC	2342332
1578	38	F	33	0000FF-808000	KWYGB	1241223
1579	38	F	33	0000FF-808000	KWYGM	3443433
1580	38	F	33	0000FF-808000	KWYGR	1131223
1581	38	F	33	0000FF-808000	KWYCB	4454455
1582	38	F	33	0000FF-808000	KWYCM	2354253
1583	38	F	33	0000FF-808000	KWYCR	3543453
1584	38	F	33	0000FF-808000	KWYBM	4334353
1585	38	F	33	0000FF-808000	KWYBR	4343544
1586	38	F	33	0000FF-808000	KWYMR	3112112
1587	38	F	33	0000FF-808000	KWGCB	3345555
1588	38	F	33	0000FF-808000	KWGCM	1222442
1589	38	F	33	0000FF-808000	KWGCR	2334455
1590	38	F	33	0000FF-808000	KWGBM	4554354
1591	38	F	33	0000FF-808000	KWGBR	1454454
1592	38	F	33	0000FF-808000	KWGMR	1232243
1593	38	F	33	0000FF-808000	KWCBM	5435554
1594	38	F	33	0000FF-808000	KWCBR	3444454
1595	38	F	33	0000FF-808000	KWCMR	4232433
1596	38	F	33	0000FF-808000	KWBMR	4133433
1597	39	F	35	00FF00-FF8000	KW	5555555
1598	39	F	35	00FF00-FF8000	KWY	2233324
1599	39	F	35	00FF00-FF8000	KWG	3333334
1600	39	F	35	00FF00-FF8000	KWC	5554555

	participant	gender	age	color preferences	item	response profile
1601	39	F	35	00FF00-FF8000	KWB	5455554
1602	39	F	35	00FF00-FF8000	KWM	2232323
1603	39	F	35	00FF00-FF8000	KWR	1131313
1604	39	F	35	00FF00-FF8000	KWYG	1111112
1605	39	F	35	00FF00-FF8000	KWYC	4333334
1606	39	F	35	00FF00-FF8000	KWYB	4444444
1607	39	F	35	00FF00-FF8000	KWYM	3222222
1608	39	F	35	00FF00-FF8000	KWYR	3322222
1609	39	F	35	00FF00-FF8000	KWGC	4344434
1610	39	F	35	00FF00-FF8000	KWGB	4444444
1611	39	F	35	00FF00-FF8000	KWGM	3222223
1612	39	F	35	00FF00-FF8000	KWGR	4333343
1613	39	F	35	00FF00-FF8000	KWCB	5455555
1614	39	F	35	00FF00-FF8000	KWCM	5555554
1615	39	F	35	00FF00-FF8000	KWCR	4343444
1616	39	F	35	00FF00-FF8000	KWBM	5444544
1617	39	F	35	00FF00-FF8000	KWBR	2222224
1618	39	F	35	00FF00-FF8000	KWMR	1111112
1619	39	F	35	00FF00-FF8000	KWYGC	1111113
1620	39	F	35	00FF00-FF8000	KWYGB	4444443
1621	39	F	35	00FF00-FF8000	KWYGM	3323232
1622	39	F	35	00FF00-FF8000	KWYGR	2222223
1623	39	F	35	00FF00-FF8000	KWYCB	5455554
1624	39	F	35	00FF00-FF8000	KWYCM	4224242
1625	39	F	35	00FF00-FF8000	KWYCR	4434343
1626	39	F	35	00FF00-FF8000	KWYBM	3222222
1627	39	F	35	00FF00-FF8000	KWYBR	3222222
1628	39	F	35	00FF00-FF8000	KWYMR	2111111
1629	39	F	35	00FF00-FF8000	KWGCB	5444544
1630	39	F	35	00FF00-FF8000	KWGCM	5444443
1631	39	F	35	00FF00-FF8000	KWGCR	3333333
1632	39	F	35	00FF00-FF8000	KWGBM	4334343
1633	39	F	35	00FF00-FF8000	KWGBR	3343434
1634	39	F	35	00FF00-FF8000	KWGMR	3222222
1635	39	F	35	00FF00-FF8000	KWCBM	5444544
1636	39	F	35	00FF00-FF8000	KWCBR	5454554
1637	39	F	35	00FF00-FF8000	KWCMR	3222222
1638	39	F	35	00FF00-FF8000	KWBMR	2121212
1639	40	F	35	FF8080-FFFF00	KW	3554355
1640	40	F	35	FF8080-FFFF00	KWY	2242224
1641	40	F	35	FF8080-FFFF00	KWG	2321113
1642	40	F	35	FF8080-FFFF00	KWC	2322213
1643	40	F	35	FF8080-FFFF00	KWB	4323333
1644	40	F	35	FF8080-FFFF00	KWM	2342323
1645	40	F	35	FF8080-FFFF00	KWR	2221113
1646	40	F	35	FF8080-FFFF00	KWYG	2112212
1647	40	F	35	FF8080-FFFF00	KWYC	4232212
1648	40	F	35	FF8080-FFFF00	KWYB	3454343
1649	40	F	35	FF8080-FFFF00	KWYM	4423433
1650	40	F	35	FF8080-FFFF00	KWYR	3333343

	participant	gender	age	color preferences	item	response profile
1651	40	F	35	FF8080-FFFF00	KWGC	2221213
1652	40	F	35	FF8080-FFFF00	KWGB	4324433
1653	40	F	35	FF8080-FFFF00	KWGM	2432334
1654	40	F	35	FF8080-FFFF00	KWGR	3223434
1655	40	F	35	FF8080-FFFF00	KWCB	4323432
1656	40	F	35	FF8080-FFFF00	KWCM	2111111
1657	40	F	35	FF8080-FFFF00	KWCR	3343443
1658	40	F	35	FF8080-FFFF00	KWBM	3232323
1659	40	F	35	FF8080-FFFF00	KWBR	3122112
1660	40	F	35	FF8080-FFFF00	KWMR	2121213
1661	40	F	35	FF8080-FFFF00	KWYGC	3212212
1662	40	F	35	FF8080-FFFF00	KWYGB	3344433
1663	40	F	35	FF8080-FFFF00	KWYGM	2323332
1664	40	F	35	FF8080-FFFF00	KWYGR	3423344
1665	40	F	35	FF8080-FFFF00	KWYCB	3444343
1666	40	F	35	FF8080-FFFF00	KWYCM	3443334
1667	40	F	35	FF8080-FFFF00	KWYCR	3443344
1668	40	F	35	FF8080-FFFF00	KWYBM	2233233
1669	40	F	35	FF8080-FFFF00	KWYBR	2333333
1670	40	F	35	FF8080-FFFF00	KWYMR	2221212
1671	40	F	35	FF8080-FFFF00	KWGCB	4435534
1672	40	F	35	FF8080-FFFF00	KWGCM	3554344
1673	40	F	35	FF8080-FFFF00	KWGCR	3323232
1674	40	F	35	FF8080-FFFF00	KWGBM	3443344
1675	40	F	35	FF8080-FFFF00	KWGBR	3454354
1676	40	F	35	FF8080-FFFF00	KWGMR	3443343
1677	40	F	35	FF8080-FFFF00	KWCBM	4434433
1678	40	F	35	FF8080-FFFF00	KWCBR	3243444
1679	40	F	35	FF8080-FFFF00	KWCMR	2322223
1680	40	F	35	FF8080-FFFF00	KWBMR	2111212
1681	41	F	18	FFFF80-808080	KW	5544523
1682	41	F	18	FFFF80-808080	KWY	2544353
1683	41	F	18	FFFF80-808080	KWG	3344435
1684	41	F	18	FFFF80-808080	KWC	2543435
1685	41	F	18	FFFF80-808080	KWB	5233524
1686	41	F	18	FFFF80-808080	KWM	1121214
1687	41	F	18	FFFF80-808080	KWR	1122214
1688	41	F	18	FFFF80-808080	KWYG	5314241
1689	41	F	18	FFFF80-808080	KWYC	5324242
1690	41	F	18	FFFF80-808080	KWYB	3553445
1691	41	F	18	FFFF80-808080	KWYM	2322224
1692	41	F	18	FFFF80-808080	KWYR	2222224
1693	41	F	18	FFFF80-808080	KWGC	5324522
1694	41	F	18	FFFF80-808080	KWGB	5344443
1695	41	F	18	FFFF80-808080	KWGM	1552355
1696	41	F	18	FFFF80-808080	KWGR	1322435
1697	41	F	18	FFFF80-808080	KWCB	5234531
1698	41	F	18	FFFF80-808080	KWCM	4324221
1699	41	F	18	FFFF80-808080	KWCR	3554443
1700	41	F	18	FFFF80-808080	KWBM	4224221

	participant	gender	age	color preferences	item	response profile
1701	41	F	18	FFFF80-808080	KWBR	4113111
1702	41	F	18	FFFF80-808080	KWMR	2111111
1703	41	F	18	FFFF80-808080	KWYGC	1111111
1704	41	F	18	FFFF80-808080	KWYGB	5325542
1705	41	F	18	FFFF80-808080	KWYGM	1211233
1706	41	F	18	FFFF80-808080	KWYGR	3113221
1707	41	F	18	FFFF80-808080	KWYCB	1323344
1708	41	F	18	FFFF80-808080	KWYCM	4525121
1709	41	F	18	FFFF80-808080	KWYCR	1233234
1710	41	F	18	FFFF80-808080	KWYBM	2545413
1711	41	F	18	FFFF80-808080	KWYBR	2241215
1712	41	F	18	FFFF80-808080	KWYMR	3111121
1713	41	F	18	FFFF80-808080	KWGCB	5344534
1714	41	F	18	FFFF80-808080	KWGCM	4224442
1715	41	F	18	FFFF80-808080	KWGCR	2232444
1716	41	F	18	FFFF80-808080	KWGBM	3324542
1717	41	F	18	FFFF80-808080	KWGBR	1121244
1718	41	F	18	FFFF80-808080	KWGMR	2121114
1719	41	F	18	FFFF80-808080	KWCBM	5345541
1720	41	F	18	FFFF80-808080	KWCBR	3324434
1721	41	F	18	FFFF80-808080	KWCMR	5235531
1722	41	F	18	FFFF80-808080	KWBMR	4124231
1723	42	F	17	0000FF-FFFF00	KW	3153343
1724	42	F	17	0000FF-FFFF00	KWY	3132131
1725	42	F	17	0000FF-FFFF00	KWG	2322233
1726	42	F	17	0000FF-FFFF00	KWC	4445344
1727	42	F	17	0000FF-FFFF00	KWB	4213242
1728	42	F	17	0000FF-FFFF00	KWM	2123232
1729	42	F	17	0000FF-FFFF00	KWR	1111215
1730	42	F	17	0000FF-FFFF00	KWYG	4424142
1731	42	F	17	0000FF-FFFF00	KWYC	4443434
1732	42	F	17	0000FF-FFFF00	KWYB	4424352
1733	42	F	17	0000FF-FFFF00	KWYM	4432123
1734	42	F	17	0000FF-FFFF00	KWYR	4113141
1735	42	F	17	0000FF-FFFF00	KWGC	4333232
1736	42	F	17	0000FF-FFFF00	KWGB	4225533
1737	42	F	17	0000FF-FFFF00	KWGM	4223132
1738	42	F	17	0000FF-FFFF00	KWGR	2111121
1739	42	F	17	0000FF-FFFF00	KWCB	4434454
1740	42	F	17	0000FF-FFFF00	KWCM	3212122
1741	42	F	17	0000FF-FFFF00	KWCR	4212121
1742	42	F	17	0000FF-FFFF00	KWBM	4324234
1743	42	F	17	0000FF-FFFF00	KWBR	2113114
1744	42	F	17	0000FF-FFFF00	KWMR	2112242
1745	42	F	17	0000FF-FFFF00	KWYGC	3443444
1746	42	F	17	0000FF-FFFF00	KWYGB	4223221
1747	42	F	17	0000FF-FFFF00	KWYGM	3443322
1748	42	F	17	0000FF-FFFF00	KWYGR	4224122
1749	42	F	17	0000FF-FFFF00	KWYCB	4424243
1750	42	F	17	0000FF-FFFF00	KWYCM	4232222

	participant	gender	age	color preferences	item	response profile
1751	42	F	17	0000FF-FFFF00	KWYCR	4344232
1752	42	F	17	0000FF-FFFF00	KWYBM	2112112
1753	42	F	17	0000FF-FFFF00	KWYBR	3213132
1754	42	F	17	0000FF-FFFF00	KWYMR	2112232
1755	42	F	17	0000FF-FFFF00	KWGCB	1122122
1756	42	F	17	0000FF-FFFF00	KWGCM	4332322
1757	42	F	17	0000FF-FFFF00	KWGCR	2212121
1758	42	F	17	0000FF-FFFF00	KWGBM	3211211
1759	42	F	17	0000FF-FFFF00	KWGBR	1223221
1760	42	F	17	0000FF-FFFF00	KWGMR	3413132
1761	42	F	17	0000FF-FFFF00	KWCBM	4455354
1762	42	F	17	0000FF-FFFF00	KWCBR	4212223
1763	42	F	17	0000FF-FFFF00	KWCMR	3233134
1764	42	F	17	0000FF-FFFF00	KWBMR	2112122
1765	43	F	18	000080-808000	KW	3253455
1766	43	F	18	000080-808000	KWY	2222323
1767	43	F	18	000080-808000	KWG	2212324
1768	43	F	18	000080-808000	KWC	3443444
1769	43	F	18	000080-808000	KWB	2122244
1770	43	F	18	000080-808000	KWM	1211244
1771	43	F	18	000080-808000	KWR	2232344
1772	43	F	18	000080-808000	KWYG	3434422
1773	43	F	18	000080-808000	KWYC	2432223
1774	43	F	18	000080-808000	KWYB	2222444
1775	43	F	18	000080-808000	KWYM	2323243
1776	43	F	18	000080-808000	KWYR	3433353
1777	43	F	18	000080-808000	KWGC	3422442
1778	43	F	18	000080-808000	KWGB	2212223
1779	43	F	18	000080-808000	KWGM	1212223
1780	43	F	18	000080-808000	KWGR	2212224
1781	43	F	18	000080-808000	KWCB	5324242
1782	43	F	18	000080-808000	KWCM	4433242
1783	43	F	18	000080-808000	KWCR	2332334
1784	43	F	18	000080-808000	KWBM	4224243
1785	43	F	18	000080-808000	KWBR	4113233
1786	43	F	18	000080-808000	KWMR	2212233
1787	43	F	18	000080-808000	KWYGC	3324332
1788	43	F	18	000080-808000	KWYGB	3313223
1789	43	F	18	000080-808000	KWYGM	2322222
1790	43	F	18	000080-808000	KWYGR	2222123
1791	43	F	18	000080-808000	KWYCB	5434332
1792	43	F	18	000080-808000	KWYCM	4324232
1793	43	F	18	000080-808000	KWYCR	3433222
1794	43	F	18	000080-808000	KWYBM	4323242
1795	43	F	18	000080-808000	KWYBR	4314232
1796	43	F	18	000080-808000	KWYMR	4323242
1797	43	F	18	000080-808000	KWGCB	4322232
1798	43	F	18	000080-808000	KWGCM	4424332
1799	43	F	18	000080-808000	KWGCR	2222333
1800	43	F	18	000080-808000	KWGBM	4324242

	participant	gender	age	color preferences	item	response profile
1801	43	F	18	000080-808000	KWGBR	3212122
1802	43	F	18	000080-808000	KWGMR	3212222
1803	43	F	18	000080-808000	KWCBM	5224342
1804	43	F	18	000080-808000	KWCBR	3323233
1805	43	F	18	000080-808000	KWCMR	3424232
1806	43	F	18	000080-808000	KWBMR	4224233
1807	44	F	20	00FF00-FFFF00	KW	3443344
1808	44	F	20	00FF00-FFFF00	KWY	4323232
1809	44	F	20	00FF00-FFFF00	KWG	3212131
1810	44	F	20	00FF00-FFFF00	KWC	4423244
1811	44	F	20	00FF00-FFFF00	KWB	3323231
1812	44	F	20	00FF00-FFFF00	KWM	2211112
1813	44	F	20	00FF00-FFFF00	KWR	1121222
1814	44	F	20	00FF00-FFFF00	KWYG	2212131
1815	44	F	20	00FF00-FFFF00	KWYC	3323232
1816	44	F	20	00FF00-FFFF00	KWYB	4444455
1817	44	F	20	00FF00-FFFF00	KWYM	3323232
1818	44	F	20	00FF00-FFFF00	KWYR	2313131
1819	44	F	20	00FF00-FFFF00	KWGC	5423332
1820	44	F	20	00FF00-FFFF00	KWGB	5445544
1821	44	F	20	00FF00-FFFF00	KWGM	2322232
1822	44	F	20	00FF00-FFFF00	KWGR	4423232
1823	44	F	20	00FF00-FFFF00	KWCB	5324542
1824	44	F	20	00FF00-FFFF00	KWCM	3423232
1825	44	F	20	00FF00-FFFF00	KWCR	2332233
1826	44	F	20	00FF00-FFFF00	KWBM	4333432
1827	44	F	20	00FF00-FFFF00	KWBR	1111112
1828	44	F	20	00FF00-FFFF00	KWMR	1111111
1829	44	F	20	00FF00-FFFF00	KWYGC	3213131
1830	44	F	20	00FF00-FFFF00	KWYGB	4433443
1831	44	F	20	00FF00-FFFF00	KWYGM	3423331
1832	44	F	20	00FF00-FFFF00	KWYGR	4443444
1833	44	F	20	00FF00-FFFF00	KWYCB	4424231
1834	44	F	20	00FF00-FFFF00	KWYCM	4413131
1835	44	F	20	00FF00-FFFF00	KWYCR	4443332
1836	44	F	20	00FF00-FFFF00	KWYBM	3223232
1837	44	F	20	00FF00-FFFF00	KWYBR	3333444
1838	44	F	20	00FF00-FFFF00	KWYMR	2213121
1839	44	F	20	00FF00-FFFF00	KWGCB	4323332
1840	44	F	20	00FF00-FFFF00	KWGCM	4434443
1841	44	F	20	00FF00-FFFF00	KWGCR	4444443
1842	44	F	20	00FF00-FFFF00	KWGBM	4323232
1843	44	F	20	00FF00-FFFF00	KWGBR	3433434
1844	44	F	20	00FF00-FFFF00	KWGMR	3213131
1845	44	F	20	00FF00-FFFF00	KWCBM	5433432
1846	44	F	20	00FF00-FFFF00	KWCBR	2423333
1847	44	F	20	00FF00-FFFF00	KWCMR	3434333
1848	44	F	20	00FF00-FFFF00	KWBMR	2113121
1849	45	F	21	8080FF-FFFF00	KW	4334355
1850	45	F	21	8080FF-FFFF00	KWY	5452413

	participant	gender	age	color preferences	item	response profile
1851	45	F	21	8080FF-FFFF00	KWG	2112222
1852	45	F	21	8080FF-FFFF00	KWC	4221433
1853	45	F	21	8080FF-FFFF00	KWB	3445444
1854	45	F	21	8080FF-FFFF00	KWM	4344342
1855	45	F	21	8080FF-FFFF00	KWR	2123425
1856	45	F	21	8080FF-FFFF00	KWYG	1222432
1857	45	F	21	8080FF-FFFF00	KWYC	1121312
1858	45	F	21	8080FF-FFFF00	KWYB	1452114
1859	45	F	21	8080FF-FFFF00	KWYM	1222212
1860	45	F	21	8080FF-FFFF00	KWYR	1534241
1861	45	F	21	8080FF-FFFF00	KWGC	4422112
1862	45	F	21	8080FF-FFFF00	KWGB	3543445
1863	45	F	21	8080FF-FFFF00	KWGM	1141324
1864	45	F	21	8080FF-FFFF00	KWGR	4553215
1865	45	F	21	8080FF-FFFF00	KWCB	3445332
1866	45	F	21	8080FF-FFFF00	KWCM	3421322
1867	45	F	21	8080FF-FFFF00	KWCR	4552324
1868	45	F	21	8080FF-FFFF00	KWBM	1554325
1869	45	F	21	8080FF-FFFF00	KWBR	3235223
1870	45	F	21	8080FF-FFFF00	KWMR	4324342
1871	45	F	21	8080FF-FFFF00	KWYGC	1111111
1872	45	F	21	8080FF-FFFF00	KWYGB	3223324
1873	45	F	21	8080FF-FFFF00	KWYGM	1322123
1874	45	F	21	8080FF-FFFF00	KWYGR	3221213
1875	45	F	21	8080FF-FFFF00	KWYCB	2433243
1876	45	F	21	8080FF-FFFF00	KWYCM	3112421
1877	45	F	21	8080FF-FFFF00	KWYCR	1411235
1878	45	F	21	8080FF-FFFF00	KWYBM	1342124
1879	45	F	21	8080FF-FFFF00	KWYBR	3211322
1880	45	F	21	8080FF-FFFF00	KWYMR	3444323
1881	45	F	21	8080FF-FFFF00	KWGCB	3321324
1882	45	F	21	8080FF-FFFF00	KWGCM	2212132
1883	45	F	21	8080FF-FFFF00	KWGCR	4412235
1884	45	F	21	8080FF-FFFF00	KWGBM	1341214
1885	45	F	21	8080FF-FFFF00	KWGBR	2222113
1886	45	F	21	8080FF-FFFF00	KWGMR	4222323
1887	45	F	21	8080FF-FFFF00	KWCBM	4425353
1888	45	F	21	8080FF-FFFF00	KWCBR	2342423
1889	45	F	21	8080FF-FFFF00	KWCMR	4223242
1890	45	F	21	8080FF-FFFF00	KWBMR	4224323
1891	46	F	26	0000FF-00FF00	KW	1255455
1892	46	F	26	0000FF-00FF00	KWY	4333443
1893	46	F	26	0000FF-00FF00	KWG	4333333
1894	46	F	26	0000FF-00FF00	KWC	4444444
1895	46	F	26	0000FF-00FF00	KWB	2232323
1896	46	F	26	0000FF-00FF00	KWM	2121113
1897	46	F	26	0000FF-00FF00	KWR	2112112
1898	46	F	26	0000FF-00FF00	KWYG	3223223
1899	46	F	26	0000FF-00FF00	KWYC	3344343
1900	46	F	26	0000FF-00FF00	KWYB	4455444

	participant	gender	age	color preferences	item	response profile
1901	46	F	26	0000FF-00FF00	KWYM	4334342
1902	46	F	26	0000FF-00FF00	KWYR	2222222
1903	46	F	26	0000FF-00FF00	KWGC	4443434
1904	46	F	26	0000FF-00FF00	KWGB	4334333
1905	46	F	26	0000FF-00FF00	KWGM	4343333
1906	46	F	26	0000FF-00FF00	KWGR	3333333
1907	46	F	26	0000FF-00FF00	KWCB	4333333
1908	46	F	26	0000FF-00FF00	KWCM	3333443
1909	46	F	26	0000FF-00FF00	KWCR	3233333
1910	46	F	26	0000FF-00FF00	KWBM	4334433
1911	46	F	26	0000FF-00FF00	KWBR	2222222
1912	46	F	26	0000FF-00FF00	KWMR	2112111
1913	46	F	26	0000FF-00FF00	KWYGC	3344343
1914	46	F	26	0000FF-00FF00	KWYGB	4444443
1915	46	F	26	0000FF-00FF00	KWYGM	4443433
1916	46	F	26	0000FF-00FF00	KWYGR	4434343
1917	46	F	26	0000FF-00FF00	KWYCB	3343434
1918	46	F	26	0000FF-00FF00	KWYCM	2323233
1919	46	F	26	0000FF-00FF00	KWYCR	4334332
1920	46	F	26	0000FF-00FF00	KWYBM	2223223
1921	46	F	26	0000FF-00FF00	KWYBR	2232233
1922	46	F	26	0000FF-00FF00	KWYMR	2223222
1923	46	F	26	0000FF-00FF00	KWGCB	2322233
1924	46	F	26	0000FF-00FF00	KWGCM	3333333
1925	46	F	26	0000FF-00FF00	KWGCR	4434344
1926	46	F	26	0000FF-00FF00	KWGBM	3332333
1927	46	F	26	0000FF-00FF00	KWGBR	3343323
1928	46	F	26	0000FF-00FF00	KWGMR	2323223
1929	46	F	26	0000FF-00FF00	KWCBM	4332332
1930	46	F	26	0000FF-00FF00	KWCBR	3343433
1931	46	F	26	0000FF-00FF00	KWCMR	2223232
1932	46	F	26	0000FF-00FF00	KWBMR	2223222
1933	47	F	57	80FF00-000080	KW	4244445
1934	47	F	57	80FF00-000080	KWY	2232324
1935	47	F	57	80FF00-000080	KWG	2233324
1936	47	F	57	80FF00-000080	KWC	3334335
1937	47	F	57	80FF00-000080	KWB	4223244
1938	47	F	57	80FF00-000080	KWM	1121224
1939	47	F	57	80FF00-000080	KWR	3233334
1940	47	F	57	80FF00-000080	KWYG	3112122
1941	47	F	57	80FF00-000080	KWYC	2222223
1942	47	F	57	80FF00-000080	KWYB	3322223
1943	47	F	57	80FF00-000080	KWYM	1111122
1944	47	F	57	80FF00-000080	KWYR	2212232
1945	47	F	57	80FF00-000080	KWGC	2123223
1946	47	F	57	80FF00-000080	KWGB	4233323
1947	47	F	57	80FF00-000080	KWGM	2222213
1948	47	F	57	80FF00-000080	KWGR	1112232
1949	47	F	57	80FF00-000080	KWCB	4334344
1950	47	F	57	80FF00-000080	KWCM	2322224

	participant	gender	age	color preferences	item	response profile
1951	47	F	57	80FF00-000080	KWCR	2222234
1952	47	F	57	80FF00-000080	KWBM	2223234
1953	47	F	57	80FF00-000080	KWBR	2122133
1954	47	F	57	80FF00-000080	KWMR	1111112
1955	47	F	57	80FF00-000080	KWYGC	2122222
1956	47	F	57	80FF00-000080	KWYGB	2222223
1957	47	F	57	80FF00-000080	KWYGM	2222223
1958	47	F	57	80FF00-000080	KWYGR	2222233
1959	47	F	57	80FF00-000080	KWYCB	1322333
1960	47	F	57	80FF00-000080	KWYCM	2112132
1961	47	F	57	80FF00-000080	KWYCR	2222232
1962	47	F	57	80FF00-000080	KWYBM	1221223
1963	47	F	57	80FF00-000080	KWYBR	1211232
1964	47	F	57	80FF00-000080	KWYMR	2112122
1965	47	F	57	80FF00-000080	KWGCB	3223234
1966	47	F	57	80FF00-000080	KWGCM	1222213
1967	47	F	57	80FF00-000080	KWGCR	1222234
1968	47	F	57	80FF00-000080	KWGBM	3322224
1969	47	F	57	80FF00-000080	KWGBR	1212122
1970	47	F	57	80FF00-000080	KWGMR	2112123
1971	47	F	57	80FF00-000080	KWCBM	3323233
1972	47	F	57	80FF00-000080	KWCBR	2112132
1973	47	F	57	80FF00-000080	KWCMR	1121223
1974	47	F	57	80FF00-000080	KWBMR	2212122
1975	48	M	21	00FF00-00FF00	KW	5555455
1976	48	M	21	00FF00-00FF00	KWY	3233223
1977	48	M	21	00FF00-00FF00	KWG	2224323
1978	48	M	21	00FF00-00FF00	KWC	5345454
1979	48	M	21	00FF00-00FF00	KWB	4124232
1980	48	M	21	00FF00-00FF00	KWM	3213223
1981	48	M	21	00FF00-00FF00	KWR	1121214
1982	48	M	21	00FF00-00FF00	KWYG	3214223
1983	48	M	21	00FF00-00FF00	KWYC	3434445
1984	48	M	21	00FF00-00FF00	KWYB	3344444
1985	48	M	21	00FF00-00FF00	KWYM	2321224
1986	48	M	21	00FF00-00FF00	KWYR	4122133
1987	48	M	21	00FF00-00FF00	KWGC	3324232
1988	48	M	21	00FF00-00FF00	KWGB	3323344
1989	48	M	21	00FF00-00FF00	KWGM	2232334
1990	48	M	21	00FF00-00FF00	KWGR	2212113
1991	48	M	21	00FF00-00FF00	KWCB	5225232
1992	48	M	21	00FF00-00FF00	KWCM	4224231
1993	48	M	21	00FF00-00FF00	KWCR	3223223
1994	48	M	21	00FF00-00FF00	KWBM	2342325
1995	48	M	21	00FF00-00FF00	KWBR	2112124
1996	48	M	21	00FF00-00FF00	KWMR	2111123
1997	48	M	21	00FF00-00FF00	KWYGC	4324232
1998	48	M	21	00FF00-00FF00	KWYGB	3435444
1999	48	M	21	00FF00-00FF00	KWYGM	2122214
2000	48	M	21	00FF00-00FF00	KWYGR	4213132

	participant	gender	age	color preferences	item	response profile
2001	48	M	21	00FF00-00FF00	KWYCB	4445345
2002	48	M	21	00FF00-00FF00	KWYCM	1232334
2003	48	M	21	00FF00-00FF00	KWYCR	5334454
2004	48	M	21	00FF00-00FF00	KWYBM	3443444
2005	48	M	21	00FF00-00FF00	KWYBR	4443354
2006	48	M	21	00FF00-00FF00	KWYMR	3221213
2007	48	M	21	00FF00-00FF00	KWGCB	4325342
2008	48	M	21	00FF00-00FF00	KWGCM	4344435
2009	48	M	21	00FF00-00FF00	KWGCR	4554455
2010	48	M	21	00FF00-00FF00	KWGBM	4344445
2011	48	M	21	00FF00-00FF00	KWGBR	1434345
2012	48	M	21	00FF00-00FF00	KWGMR	1222214
2013	48	M	21	00FF00-00FF00	KWCBM	5224232
2014	48	M	21	00FF00-00FF00	KWCBR	5554554
2015	48	M	21	00FF00-00FF00	KWCMR	3435345
2016	48	M	21	00FF00-00FF00	KWBMR	1121213
2017	49	F	37	00FF00-FF8000	KW	3333333
2018	49	F	37	00FF00-FF8000	KWY	2242424
2019	49	F	37	00FF00-FF8000	KWG	2242334
2020	49	F	37	00FF00-FF8000	KWC	3343424
2021	49	F	37	00FF00-FF8000	KWB	2242324
2022	49	F	37	00FF00-FF8000	KWM	2241324
2023	49	F	37	00FF00-FF8000	KWR	2141214
2024	49	F	37	00FF00-FF8000	KWYG	2232324
2025	49	F	37	00FF00-FF8000	KWYC	3242333
2026	49	F	37	00FF00-FF8000	KWYB	2232324
2027	49	F	37	00FF00-FF8000	KWYM	2122213
2028	49	F	37	00FF00-FF8000	KWYR	3212121
2029	49	F	37	00FF00-FF8000	KWGC	3232324
2030	49	F	37	00FF00-FF8000	KWGB	2243323
2031	49	F	37	00FF00-FF8000	KWGM	2232324
2032	49	F	37	00FF00-FF8000	KWGR	1111222
2033	49	F	37	00FF00-FF8000	KWCB	3323333
2034	49	F	37	00FF00-FF8000	KWCM	2232233
2035	49	F	37	00FF00-FF8000	KWCR	2232224
2036	49	F	37	00FF00-FF8000	KWBM	2222234
2037	49	F	37	00FF00-FF8000	KWBR	2232223
2038	49	F	37	00FF00-FF8000	KWMR	1121113
2039	49	F	37	00FF00-FF8000	KWYGC	3223323
2040	49	F	37	00FF00-FF8000	KWYGB	3232323
2041	49	F	37	00FF00-FF8000	KWYGM	2112132
2042	49	F	37	00FF00-FF8000	KWYGR	2112131
2043	49	F	37	00FF00-FF8000	KWYCB	3223333
2044	49	F	37	00FF00-FF8000	KWYCM	3212121
2045	49	F	37	00FF00-FF8000	KWYCR	3112121
2046	49	F	37	00FF00-FF8000	KWYBM	2112222
2047	49	F	37	00FF00-FF8000	KWYBR	3212132
2048	49	F	37	00FF00-FF8000	KWYMR	2111122
2049	49	F	37	00FF00-FF8000	KWGCB	3223333
2050	49	F	37	00FF00-FF8000	KWGCM	3223333

	participant	gender	age	color preferences	item	response profile
2051	49	F	37	00FF00-FF8000	KWGCR	3122122
2052	49	F	37	00FF00-FF8000	KWGBM	2233333
2053	49	F	37	00FF00-FF8000	KWGBR	3112122
2054	49	F	37	00FF00-FF8000	KWGMR	2221112
2055	49	F	37	00FF00-FF8000	KWCBM	2333233
2056	49	F	37	00FF00-FF8000	KWCBR	3223222
2057	49	F	37	00FF00-FF8000	KWCMR	2121112
2058	49	F	37	00FF00-FF8000	KWBMR	2111113
2059	50	M	29	0000FF-FF00FF	KW	5554555
2060	50	M	29	0000FF-FF00FF	KWY	4434342
2061	50	M	29	0000FF-FF00FF	KWG	3321212
2062	50	M	29	0000FF-FF00FF	KWC	4334233
2063	50	M	29	0000FF-FF00FF	KWB	5224242
2064	50	M	29	0000FF-FF00FF	KWM	2223222
2065	50	M	29	0000FF-FF00FF	KWR	4223243
2066	50	M	29	0000FF-FF00FF	KWYG	3222322
2067	50	M	29	0000FF-FF00FF	KWYC	3233242
2068	50	M	29	0000FF-FF00FF	KWYB	5434454
2069	50	M	29	0000FF-FF00FF	KWYM	2222213
2070	50	M	29	0000FF-FF00FF	KWYR	2111222
2071	50	M	29	0000FF-FF00FF	KWGC	2232323
2072	50	M	29	0000FF-FF00FF	KWGB	2232323
2073	50	M	29	0000FF-FF00FF	KWGM	3334322
2074	50	M	29	0000FF-FF00FF	KWGR	3323343
2075	50	M	29	0000FF-FF00FF	KWCB	3224342
2076	50	M	29	0000FF-FF00FF	KWCM	4324252
2077	50	M	29	0000FF-FF00FF	KWCR	4433333
2078	50	M	29	0000FF-FF00FF	KWBM	4334343
2079	50	M	29	0000FF-FF00FF	KWBR	3212121
2080	50	M	29	0000FF-FF00FF	KWMR	3213121
2081	50	M	29	0000FF-FF00FF	KWYGC	1121212
2082	50	M	29	0000FF-FF00FF	KWYGB	3211312
2083	50	M	29	0000FF-FF00FF	KWYGM	2333233
2084	50	M	29	0000FF-FF00FF	KWYGR	2322332
2085	50	M	29	0000FF-FF00FF	KWYCB	5334343
2086	50	M	29	0000FF-FF00FF	KWYCM	3324232
2087	50	M	29	0000FF-FF00FF	KWYCR	4434231
2088	50	M	29	0000FF-FF00FF	KWYBM	4325252
2089	50	M	29	0000FF-FF00FF	KWYBR	3213141
2090	50	M	29	0000FF-FF00FF	KWYMR	2112121
2091	50	M	29	0000FF-FF00FF	KWGCB	5334443
2092	50	M	29	0000FF-FF00FF	KWGCM	4434241
2093	50	M	29	0000FF-FF00FF	KWGCR	2242433
2094	50	M	29	0000FF-FF00FF	KWGBM	4335453
2095	50	M	29	0000FF-FF00FF	KWGBR	4334353
2096	50	M	29	0000FF-FF00FF	KWGMR	2212131
2097	50	M	29	0000FF-FF00FF	KWCBM	5435353
2098	50	M	29	0000FF-FF00FF	KWCBR	5335342
2099	50	M	29	0000FF-FF00FF	KWCMR	3323223
2100	50	M	29	0000FF-FF00FF	KWBMR	3223231

	participant	gender	age	color preferences	item	response profile
2101	51	F	53	FFFFFF-FF8000	KW	5112125
2102	51	F	53	FFFFFF-FF8000	KWY	1141313
2103	51	F	53	FFFFFF-FF8000	KWG	4334242
2104	51	F	53	FFFFFF-FF8000	KWC	4241224
2105	51	F	53	FFFFFF-FF8000	KWB	1151415
2106	51	F	53	FFFFFF-FF8000	KWM	2121224
2107	51	F	53	FFFFFF-FF8000	KWR	2121115
2108	51	F	53	FFFFFF-FF8000	KWYG	1151313
2109	51	F	53	FFFFFF-FF8000	KWYC	4433422
2110	51	F	53	FFFFFF-FF8000	KWYB	2254223
2111	51	F	53	FFFFFF-FF8000	KWYM	4221212
2112	51	F	53	FFFFFF-FF8000	KWYR	4222122
2113	51	F	53	FFFFFF-FF8000	KWGC	2214422
2114	51	F	53	FFFFFF-FF8000	KWGB	3221322
2115	51	F	53	FFFFFF-FF8000	KWGM	3212132
2116	51	F	53	FFFFFF-FF8000	KWGR	3212123
2117	51	F	53	FFFFFF-FF8000	KWCB	4244424
2118	51	F	53	FFFFFF-FF8000	KWCM	4224442
2119	51	F	53	FFFFFF-FF8000	KWCR	3445244
2120	51	F	53	FFFFFF-FF8000	KWBM	2223141
2121	51	F	53	FFFFFF-FF8000	KWBR	3223133
2122	51	F	53	FFFFFF-FF8000	KWMR	4223122
2123	51	F	53	FFFFFF-FF8000	KWYGC	1121313
2124	51	F	53	FFFFFF-FF8000	KWYGB	2421222
2125	51	F	53	FFFFFF-FF8000	KWYGM	2231213
2126	51	F	53	FFFFFF-FF8000	KWYGR	4324443
2127	51	F	53	FFFFFF-FF8000	KWYCB	4434542
2128	51	F	53	FFFFFF-FF8000	KWYCM	3124532
2129	51	F	53	FFFFFF-FF8000	KWYCR	2414243
2130	51	F	53	FFFFFF-FF8000	KWYBM	2121314
2131	51	F	53	FFFFFF-FF8000	KWYBR	4445533
2132	51	F	53	FFFFFF-FF8000	KWYMR	1111114
2133	51	F	53	FFFFFF-FF8000	KWGCB	4324242
2134	51	F	53	FFFFFF-FF8000	KWGCM	5334242
2135	51	F	53	FFFFFF-FF8000	KWGCR	4122122
2136	51	F	53	FFFFFF-FF8000	KWGBM	4224241
2137	51	F	53	FFFFFF-FF8000	KWGBR	4243443
2138	51	F	53	FFFFFF-FF8000	KWGMR	4424444
2139	51	F	53	FFFFFF-FF8000	KWCBM	5224432
2140	51	F	53	FFFFFF-FF8000	KWCBR	4443542
2141	51	F	53	FFFFFF-FF8000	KWCMR	2322132
2142	51	F	53	FFFFFF-FF8000	KWBMR	5142242
2143	52	F	20	0000FF-00FF00	KW	3153355
2144	52	F	20	0000FF-00FF00	KWY	1111114
2145	52	F	20	0000FF-00FF00	KWG	3224225
2146	52	F	20	0000FF-00FF00	KWC	2142424
2147	52	F	20	0000FF-00FF00	KWB	5113344
2148	52	F	20	0000FF-00FF00	KWM	2112224
2149	52	F	20	0000FF-00FF00	KWR	1112145
2150	52	F	20	0000FF-00FF00	KWYG	1111113

	participant	gender	age	color preferences	item	response profile
2151	52	F	20	0000FF-00FF00	KWYC	3223344
2152	52	F	20	0000FF-00FF00	KWYB	4323224
2153	52	F	20	0000FF-00FF00	KWYM	2211123
2154	52	F	20	0000FF-00FF00	KWYR	4223224
2155	52	F	20	0000FF-00FF00	KWGC	2122113
2156	52	F	20	0000FF-00FF00	KWGB	3222122
2157	52	F	20	0000FF-00FF00	KWGM	2212234
2158	52	F	20	0000FF-00FF00	KWGR	1112113
2159	52	F	20	0000FF-00FF00	KWCB	5444543
2160	52	F	20	0000FF-00FF00	KWCM	4223232
2161	52	F	20	0000FF-00FF00	KWCR	1232245
2162	52	F	20	0000FF-00FF00	KWBM	5245543
2163	52	F	20	0000FF-00FF00	KWBR	4312233
2164	52	F	20	0000FF-00FF00	KWMR	3112121
2165	52	F	20	0000FF-00FF00	KWYGC	2121123
2166	52	F	20	0000FF-00FF00	KWYGB	2223123
2167	52	F	20	0000FF-00FF00	KWYGM	4322233
2168	52	F	20	0000FF-00FF00	KWYGR	2111214
2169	52	F	20	0000FF-00FF00	KWYCB	3334343
2170	52	F	20	0000FF-00FF00	KWYCM	5224342
2171	52	F	20	0000FF-00FF00	KWYCR	5555553
2172	52	F	20	0000FF-00FF00	KWYBM	5424443
2173	52	F	20	0000FF-00FF00	KWYBR	3212212
2174	52	F	20	0000FF-00FF00	KWYMR	2212222
2175	52	F	20	0000FF-00FF00	KWGCB	4223323
2176	52	F	20	0000FF-00FF00	KWGCM	3334342
2177	52	F	20	0000FF-00FF00	KWGCR	3222324
2178	52	F	20	0000FF-00FF00	KWGBM	2222123
2179	52	F	20	0000FF-00FF00	KWGBR	3212344
2180	52	F	20	0000FF-00FF00	KWGMR	2112122
2181	52	F	20	0000FF-00FF00	KWCBM	5344445
2182	52	F	20	0000FF-00FF00	KWCBR	5433354
2183	52	F	20	0000FF-00FF00	KWCMR	4223332
2184	52	F	20	0000FF-00FF00	KWBMR	3112123
2185	53	M	25	0080FF-FFFF00	KW	1143344
2186	53	M	25	0080FF-FFFF00	KWY	2233434
2187	53	M	25	0080FF-FFFF00	KWG	2122214
2188	53	M	25	0080FF-FFFF00	KWC	2214333
2189	53	M	25	0080FF-FFFF00	KWB	2213332
2190	53	M	25	0080FF-FFFF00	KWM	1111112
2191	53	M	25	0080FF-FFFF00	KWR	4113331
2192	53	M	25	0080FF-FFFF00	KWYG	3211123
2193	53	M	25	0080FF-FFFF00	KWYC	2111334
2194	53	M	25	0080FF-FFFF00	KWYB	4333444
2195	53	M	25	0080FF-FFFF00	KWYM	1112233
2196	53	M	25	0080FF-FFFF00	KWYR	2111113
2197	53	M	25	0080FF-FFFF00	KWGC	2233323
2198	53	M	25	0080FF-FFFF00	KWGB	1112111
2199	53	M	25	0080FF-FFFF00	KWGM	2222323
2200	53	M	25	0080FF-FFFF00	KWGR	3222233

	participant	gender	age	color preferences	item	response profile
2201	53	M	25	0080FF-FFFF00	KWCB	2222231
2202	53	M	25	0080FF-FFFF00	KWCM	1111222
2203	53	M	25	0080FF-FFFF00	KWCR	2221122
2204	53	M	25	0080FF-FFFF00	KWBM	2333343
2205	53	M	25	0080FF-FFFF00	KWBR	5113442
2206	53	M	25	0080FF-FFFF00	KWMR	1111112
2207	53	M	25	0080FF-FFFF00	KWYGC	1111113
2208	53	M	25	0080FF-FFFF00	KWYGB	1212323
2209	53	M	25	0080FF-FFFF00	KWYGM	2334444
2210	53	M	25	0080FF-FFFF00	KWYGR	1111114
2211	53	M	25	0080FF-FFFF00	KWYCB	2333322
2212	53	M	25	0080FF-FFFF00	KWYCM	3234443
2213	53	M	25	0080FF-FFFF00	KWYCR	2221113
2214	53	M	25	0080FF-FFFF00	KWYBM	3323433
2215	53	M	25	0080FF-FFFF00	KWYBR	1112112
2216	53	M	25	0080FF-FFFF00	KWYMR	1111112
2217	53	M	25	0080FF-FFFF00	KWGCB	3223343
2218	53	M	25	0080FF-FFFF00	KWGCM	3444554
2219	53	M	25	0080FF-FFFF00	KWGCR	1112113
2220	53	M	25	0080FF-FFFF00	KWGBM	3112132
2221	53	M	25	0080FF-FFFF00	KWGBR	1111114
2222	53	M	25	0080FF-FFFF00	KWGMR	2222113
2223	53	M	25	0080FF-FFFF00	KWCBM	2112122
2224	53	M	25	0080FF-FFFF00	KWCBR	3223232
2225	53	M	25	0080FF-FFFF00	KWCMR	1112113
2226	53	M	25	0080FF-FFFF00	KWBMR	3223223
2227	54	F	24	FF0000-000000	KW	1151225
2228	54	F	24	FF0000-000000	KWY	3434443
2229	54	F	24	FF0000-000000	KWG	4233343
2230	54	F	24	FF0000-000000	KWC	2141345
2231	54	F	24	FF0000-000000	KWB	4223233
2232	54	F	24	FF0000-000000	KWM	3322344
2233	54	F	24	FF0000-000000	KWR	2223444
2234	54	F	24	FF0000-000000	KWYG	4224242
2235	54	F	24	FF0000-000000	KWYC	4324242
2236	54	F	24	FF0000-000000	KWYB	2323435
2237	54	F	24	FF0000-000000	KWYM	4223233
2238	54	F	24	FF0000-000000	KWYR	5314342
2239	54	F	24	FF0000-000000	KWGC	4223241
2240	54	F	24	FF0000-000000	KWGB	2242434
2241	54	F	24	FF0000-000000	KWGM	2332334
2242	54	F	24	FF0000-000000	KWGR	4334443
2243	54	F	24	FF0000-000000	KWCB	4224242
2244	54	F	24	FF0000-000000	KWCM	4344353
2245	54	F	24	FF0000-000000	KWCR	4334343
2246	54	F	24	FF0000-000000	KWBM	2232244
2247	54	F	24	FF0000-000000	KWBR	3222224
2248	54	F	24	FF0000-000000	KWMR	5224242
2249	54	F	24	FF0000-000000	KWYGC	4224241
2250	54	F	24	FF0000-000000	KWYGB	4324242

	participant	gender	age	color preferences	item	response profile
2251	54	F	24	FF0000-000000	KWYGM	3323242
2252	54	F	24	FF0000-000000	KWYGR	4325252
2253	54	F	24	FF0000-000000	KWYCB	4324242
2254	54	F	24	FF0000-000000	KWYCM	4414142
2255	54	F	24	FF0000-000000	KWYCR	3324232
2256	54	F	24	FF0000-000000	KWYBM	2242334
2257	54	F	24	FF0000-000000	KWYBR	4223242
2258	54	F	24	FF0000-000000	KWYMR	4324242
2259	54	F	24	FF0000-000000	KWGCB	4344444
2260	54	F	24	FF0000-000000	KWGCM	4424243
2261	54	F	24	FF0000-000000	KWGCR	4344452
2262	54	F	24	FF0000-000000	KWGBM	2222344
2263	54	F	24	FF0000-000000	KWGBR	4223243
2264	54	F	24	FF0000-000000	KWGMR	5324342
2265	54	F	24	FF0000-000000	KWCBM	4334343
2266	54	F	24	FF0000-000000	KWCBR	4234343
2267	54	F	24	FF0000-000000	KWCMR	5325352
2268	54	F	24	FF0000-000000	KWBMR	5334452
2269	55	M	21	FF8000-FFFF00	KW	1121115
2270	55	M	21	FF8000-FFFF00	KWY	1323323
2271	55	M	21	FF8000-FFFF00	KWG	2111114
2272	55	M	21	FF8000-FFFF00	KWC	2111114
2273	55	M	21	FF8000-FFFF00	KWB	5111125
2274	55	M	21	FF8000-FFFF00	KWM	1111114
2275	55	M	21	FF8000-FFFF00	KWR	1111115
2276	55	M	21	FF8000-FFFF00	KWYG	1211112
2277	55	M	21	FF8000-FFFF00	KWYC	3223224
2278	55	M	21	FF8000-FFFF00	KWYB	4213113
2279	55	M	21	FF8000-FFFF00	KWYM	4113121
2280	55	M	21	FF8000-FFFF00	KWYR	4111114
2281	55	M	21	FF8000-FFFF00	KWGC	3112111
2282	55	M	21	FF8000-FFFF00	KWGB	3221114
2283	55	M	21	FF8000-FFFF00	KWGM	1211113
2284	55	M	21	FF8000-FFFF00	KWGR	3322243
2285	55	M	21	FF8000-FFFF00	KWCB	4233232
2286	55	M	21	FF8000-FFFF00	KWCM	1321113
2287	55	M	21	FF8000-FFFF00	KWCR	1211115
2288	55	M	21	FF8000-FFFF00	KWBM	1111122
2289	55	M	21	FF8000-FFFF00	KWBR	5212122
2290	55	M	21	FF8000-FFFF00	KWMR	1111114
2291	55	M	21	FF8000-FFFF00	KWYGC	3212122
2292	55	M	21	FF8000-FFFF00	KWYGB	2111122
2293	55	M	21	FF8000-FFFF00	KWYGM	1313111
2294	55	M	21	FF8000-FFFF00	KWYGR	1111113
2295	55	M	21	FF8000-FFFF00	KWYCB	5444444
2296	55	M	21	FF8000-FFFF00	KWYCM	5324432
2297	55	M	21	FF8000-FFFF00	KWYCR	2111113
2298	55	M	21	FF8000-FFFF00	KWYBM	2314232
2299	55	M	21	FF8000-FFFF00	KWYBR	4112111
2300	55	M	21	FF8000-FFFF00	KWYMR	1111111

	participant	gender	age	color preferences	item	response profile
2301	55	M	21	FF8000-FFFF00	KWGCB	4213235
2302	55	M	21	FF8000-FFFF00	KWGCM	3212322
2303	55	M	21	FF8000-FFFF00	KWGCR	4333242
2304	55	M	21	FF8000-FFFF00	KWGBM	2112114
2305	55	M	21	FF8000-FFFF00	KWGBR	1331324
2306	55	M	21	FF8000-FFFF00	KWGMR	3111111
2307	55	M	21	FF8000-FFFF00	KWCBM	5214123
2308	55	M	21	FF8000-FFFF00	KWCBR	2122234
2309	55	M	21	FF8000-FFFF00	KWCMR	1111111
2310	55	M	21	FF8000-FFFF00	KWBMR	1111111
2311	56	F	22	FF8080-808000	KW	2111113
2312	56	F	22	FF8080-808000	KWY	1111115
2313	56	F	22	FF8080-808000	KWG	5113121
2314	56	F	22	FF8080-808000	KWC	4214222
2315	56	F	22	FF8080-808000	KWB	5113131
2316	56	F	22	FF8080-808000	KWM	4113111
2317	56	F	22	FF8080-808000	KWR	4114123
2318	56	F	22	FF8080-808000	KWYG	1111114
2319	56	F	22	FF8080-808000	KWYC	1111134
2320	56	F	22	FF8080-808000	KWYB	3411133
2321	56	F	22	FF8080-808000	KWYM	2111112
2322	56	F	22	FF8080-808000	KWYR	1111112
2323	56	F	22	FF8080-808000	KWGC	2113132
2324	56	F	22	FF8080-808000	KWGB	4314121
2325	56	F	22	FF8080-808000	KWGM	4222433
2326	56	F	22	FF8080-808000	KWGR	4444445
2327	56	F	22	FF8080-808000	KWCB	4213144
2328	56	F	22	FF8080-808000	KWCM	4112121
2329	56	F	22	FF8080-808000	KWCR	5454543
2330	56	F	22	FF8080-808000	KWBM	1111141
2331	56	F	22	FF8080-808000	KWBR	2111114
2332	56	F	22	FF8080-808000	KWMR	3111122
2333	56	F	22	FF8080-808000	KWYGC	4224144
2334	56	F	22	FF8080-808000	KWYGB	3333333
2335	56	F	22	FF8080-808000	KWYGM	5555553
2336	56	F	22	FF8080-808000	KWYGR	1111145
2337	56	F	22	FF8080-808000	KWYCB	5353545
2338	56	F	22	FF8080-808000	KWYCM	3514151
2339	56	F	22	FF8080-808000	KWYCR	1131133
2340	56	F	22	FF8080-808000	KWYBM	4113241
2341	56	F	22	FF8080-808000	KWYBR	1111111
2342	56	F	22	FF8080-808000	KWYMR	2111111
2343	56	F	22	FF8080-808000	KWGCB	4313132
2344	56	F	22	FF8080-808000	KWGCM	5355543
2345	56	F	22	FF8080-808000	KWGCR	3111144
2346	56	F	22	FF8080-808000	KWGBM	4111121
2347	56	F	22	FF8080-808000	KWGBR	1111111
2348	56	F	22	FF8080-808000	KWGMR	1111111
2349	56	F	22	FF8080-808000	KWCBM	3112133
2350	56	F	22	FF8080-808000	KWCBR	5113131

	participant	gender	age	color preferences	item	response profile
2351	56	F	22	FF8080-808000	KWCMR	4411141
2352	56	F	22	FF8080-808000	KWBMR	4111111
2353	57	F	26	FFFF00-00FF00	KW	4443555
2354	57	F	26	FFFF00-00FF00	KWY	2242424
2355	57	F	26	FFFF00-00FF00	KWG	3444444
2356	57	F	26	FFFF00-00FF00	KWC	4242414
2357	57	F	26	FFFF00-00FF00	KWB	2244445
2358	57	F	26	FFFF00-00FF00	KWM	4444444
2359	57	F	26	FFFF00-00FF00	KWR	2242425
2360	57	F	26	FFFF00-00FF00	KWYG	5434332
2361	57	F	26	FFFF00-00FF00	KWYC	5233321
2362	57	F	26	FFFF00-00FF00	KWYB	3343424
2363	57	F	26	FFFF00-00FF00	KWYM	4322222
2364	57	F	26	FFFF00-00FF00	KWYR	4434232
2365	57	F	26	FFFF00-00FF00	KWGC	5333333
2366	57	F	26	FFFF00-00FF00	KWGB	2332334
2367	57	F	26	FFFF00-00FF00	KWGM	2444444
2368	57	F	26	FFFF00-00FF00	KWGR	4323333
2369	57	F	26	FFFF00-00FF00	KWCB	5444433
2370	57	F	26	FFFF00-00FF00	KWCM	3333333
2371	57	F	26	FFFF00-00FF00	KWCR	3443444
2372	57	F	26	FFFF00-00FF00	KWBM	2334333
2373	57	F	26	FFFF00-00FF00	KWBR	4443445
2374	57	F	26	FFFF00-00FF00	KWMR	2142424
2375	57	F	26	FFFF00-00FF00	KWYGC	5444442
2376	57	F	26	FFFF00-00FF00	KWYGB	2433323
2377	57	F	26	FFFF00-00FF00	KWYGM	4322222
2378	57	F	26	FFFF00-00FF00	KWYGR	4444342
2379	57	F	26	FFFF00-00FF00	KWYCB	4444443
2380	57	F	26	FFFF00-00FF00	KWYCM	2212121
2381	57	F	26	FFFF00-00FF00	KWYCR	3414233
2382	57	F	26	FFFF00-00FF00	KWYBM	3444444
2383	57	F	26	FFFF00-00FF00	KWYBR	3344434
2384	57	F	26	FFFF00-00FF00	KWYMR	4222222
2385	57	F	26	FFFF00-00FF00	KWGCB	4444444
2386	57	F	26	FFFF00-00FF00	KWGCM	5545443
2387	57	F	26	FFFF00-00FF00	KWGCR	4444443
2388	57	F	26	FFFF00-00FF00	KWGBM	3443444
2389	57	F	26	FFFF00-00FF00	KWGBR	1312133
2390	57	F	26	FFFF00-00FF00	KWGMR	2445444
2391	57	F	26	FFFF00-00FF00	KWCBM	4454544
2392	57	F	26	FFFF00-00FF00	KWCBR	2222224
2393	57	F	26	FFFF00-00FF00	KWCMR	4444444
2394	57	F	26	FFFF00-00FF00	KWBMR	4142414
2395	58	F	58	FFFF00-FF80FF	KW	2233325
2396	58	F	58	FFFF00-FF80FF	KWY	2112222
2397	58	F	58	FFFF00-FF80FF	KWG	3113332
2398	58	F	58	FFFF00-FF80FF	KWC	4113212
2399	58	F	58	FFFF00-FF80FF	KWB	1111112
2400	58	F	58	FFFF00-FF80FF	KWM	2111113

	participant	gender	age	color preferences	item	response profile
2401	58	F	58	FFFF00-FF80FF	KWR	3113312
2402	58	F	58	FFFF00-FF80FF	KWYG	1111113
2403	58	F	58	FFFF00-FF80FF	KWYC	5555553
2404	58	F	58	FFFF00-FF80FF	KWYB	4335532
2405	58	F	58	FFFF00-FF80FF	KWYM	4113432
2406	58	F	58	FFFF00-FF80FF	KWYR	2112111
2407	58	F	58	FFFF00-FF80FF	KWGC	2111122
2408	58	F	58	FFFF00-FF80FF	KWGB	3215243
2409	58	F	58	FFFF00-FF80FF	KWGM	4445553
2410	58	F	58	FFFF00-FF80FF	KWGR	2212113
2411	58	F	58	FFFF00-FF80FF	KWCB	4114211
2412	58	F	58	FFFF00-FF80FF	KWCM	2113111
2413	58	F	58	FFFF00-FF80FF	KWCR	3213222
2414	58	F	58	FFFF00-FF80FF	KWBM	2111113
2415	58	F	58	FFFF00-FF80FF	KWBR	4434541
2416	58	F	58	FFFF00-FF80FF	KWMR	3112111
2417	58	F	58	FFFF00-FF80FF	KWYGC	1111113
2418	58	F	58	FFFF00-FF80FF	KWYGB	4222221
2419	58	F	58	FFFF00-FF80FF	KWYGM	4434443
2420	58	F	58	FFFF00-FF80FF	KWYGR	1211114
2421	58	F	58	FFFF00-FF80FF	KWYCB	5325541
2422	58	F	58	FFFF00-FF80FF	KWYCM	5435552
2423	58	F	58	FFFF00-FF80FF	KWYCR	4223222
2424	58	F	58	FFFF00-FF80FF	KWYBM	3323222
2425	58	F	58	FFFF00-FF80FF	KWYBR	3213111
2426	58	F	58	FFFF00-FF80FF	KWYMR	1111111
2427	58	F	58	FFFF00-FF80FF	KWGCB	5435431
2428	58	F	58	FFFF00-FF80FF	KWGCM	5325432
2429	58	F	58	FFFF00-FF80FF	KWGCR	3212233
2430	58	F	58	FFFF00-FF80FF	KWGBM	4214442
2431	58	F	58	FFFF00-FF80FF	KWGBR	4424542
2432	58	F	58	FFFF00-FF80FF	KWGMR	3222111
2433	58	F	58	FFFF00-FF80FF	KWCBM	5424433
2434	58	F	58	FFFF00-FF80FF	KWCBR	3214434
2435	58	F	58	FFFF00-FF80FF	KWCMR	3112111
2436	58	F	58	FFFF00-FF80FF	KWBMR	3223212
2437	59	F	69	0000FF-808000	KW	4454344
2438	59	F	69	0000FF-808000	KWY	3444343
2439	59	F	69	0000FF-808000	KWG	1122313
2440	59	F	69	0000FF-808000	KWC	5344343
2441	59	F	69	0000FF-808000	KWB	2142423
2442	59	F	69	0000FF-808000	KWM	1241224
2443	59	F	69	0000FF-808000	KWR	1131232
2444	59	F	69	0000FF-808000	KWYG	3323221
2445	59	F	69	0000FF-808000	KWYC	4424241
2446	59	F	69	0000FF-808000	KWYB	3212231
2447	59	F	69	0000FF-808000	KWYM	2111121
2448	59	F	69	0000FF-808000	KWYR	2112121
2449	59	F	69	0000FF-808000	KWGC	3312121
2450	59	F	69	0000FF-808000	KWGB	4323232

	participant	gender	age	color preferences	item	response profile
2451	59	F	69	0000FF-808000	KWGM	1341223
2452	59	F	69	0000FF-808000	KWGR	2112121
2453	59	F	69	0000FF-808000	KWCB	5214323
2454	59	F	69	0000FF-808000	KWCM	2343333
2455	59	F	69	0000FF-808000	KWCR	2432244
2456	59	F	69	0000FF-808000	KWBM	1121213
2457	59	F	69	0000FF-808000	KWBR	3121132
2458	59	F	69	0000FF-808000	KWMR	2111111
2459	59	F	69	0000FF-808000	KWYGC	3213321
2460	59	F	69	0000FF-808000	KWYGB	4312232
2461	59	F	69	0000FF-808000	KWYGM	1342222
2462	59	F	69	0000FF-808000	KWYGR	3212231
2463	59	F	69	0000FF-808000	KWYCB	5334443
2464	59	F	69	0000FF-808000	KWYCM	4313241
2465	59	F	69	0000FF-808000	KWYCR	3313142
2466	59	F	69	0000FF-808000	KWYBM	2112231
2467	59	F	69	0000FF-808000	KWYBR	3111131
2468	59	F	69	0000FF-808000	KWYMR	2111121
2469	59	F	69	0000FF-808000	KWGCB	4324432
2470	59	F	69	0000FF-808000	KWGCM	1441223
2471	59	F	69	0000FF-808000	KWGCR	3343232
2472	59	F	69	0000FF-808000	KWGBM	1343334
2473	59	F	69	0000FF-808000	KWGBR	3442253
2474	59	F	69	0000FF-808000	KWGMR	3222132
2475	59	F	69	0000FF-808000	KWCBM	2231324
2476	59	F	69	0000FF-808000	KWCBR	4323342
2477	59	F	69	0000FF-808000	KWCMR	2212222
2478	59	F	69	0000FF-808000	KWBMR	2111121
2479	60	F	77	FF00FF-808080	KW	2222425
2480	60	F	77	FF00FF-808080	KWY	2242443
2481	60	F	77	FF00FF-808080	KWG	3222323
2482	60	F	77	FF00FF-808080	KWC	4233323
2483	60	F	77	FF00FF-808080	KWB	2221214
2484	60	F	77	FF00FF-808080	KWM	1321214
2485	60	F	77	FF00FF-808080	KWR	1121414
2486	60	F	77	FF00FF-808080	KWYG	4114221
2487	60	F	77	FF00FF-808080	KWYC	5424242
2488	60	F	77	FF00FF-808080	KWYB	2432334
2489	60	F	77	FF00FF-808080	KWYM	5223232
2490	60	F	77	FF00FF-808080	KWYR	4112122
2491	60	F	77	FF00FF-808080	KWGC	4223222
2492	60	F	77	FF00FF-808080	KWGB	4434222
2493	60	F	77	FF00FF-808080	KWGM	1221215
2494	60	F	77	FF00FF-808080	KWGR	2121224
2495	60	F	77	FF00FF-808080	KWCB	5334233
2496	60	F	77	FF00FF-808080	KWCM	5534242
2497	60	F	77	FF00FF-808080	KWCR	1121215
2498	60	F	77	FF00FF-808080	KWBM	1432212
2499	60	F	77	FF00FF-808080	KWBR	2332234
2500	60	F	77	FF00FF-808080	KWMR	2221112

	participant	gender	age	color preferences	item	response profile
2501	60	F	77	FF00FF-808080	KWYGC	5212121
2502	60	F	77	FF00FF-808080	KWYGB	4222222
2503	60	F	77	FF00FF-808080	KWYGM	3333243
2504	60	F	77	FF00FF-808080	KWYGR	3212221
2505	60	F	77	FF00FF-808080	KWYCB	5224432
2506	60	F	77	FF00FF-808080	KWYCM	5435241
2507	60	F	77	FF00FF-808080	KWYCR	4444343
2508	60	F	77	FF00FF-808080	KWYBM	4223222
2509	60	F	77	FF00FF-808080	KWYBR	3112223
2510	60	F	77	FF00FF-808080	KWYMR	4212211
2511	60	F	77	FF00FF-808080	KWGCB	2222222
2512	60	F	77	FF00FF-808080	KWGCM	4445342
2513	60	F	77	FF00FF-808080	KWGCR	2231223
2514	60	F	77	FF00FF-808080	KWGBM	4323243
2515	60	F	77	FF00FF-808080	KWGBR	2444344
2516	60	F	77	FF00FF-808080	KWGMR	2223423
2517	60	F	77	FF00FF-808080	KWCBM	5334332
2518	60	F	77	FF00FF-808080	KWCBR	4445443
2519	60	F	77	FF00FF-808080	KWCMR	5424232
2520	60	F	77	FF00FF-808080	KWBMR	2113121

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