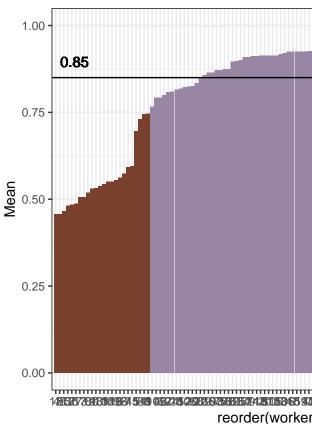
Perceptual Difficulty - Randomized and Timed Perceptibility2 (difficulty analysis)

Stimuli check

```
## color material
## no 81 81
## yes 81 81
```

Exclusions Participants whose native language is not English are excluded

```
## workerid language
## 1 57 Chinese
## 2 82
## 3 90 Spanish
```



Participants with accuracy lower than 75% are excluded (29 participants)

```
## # A tibble: 24 x 7
## workerid Mean CILow CIHigh YMin YMax lowacc
## <int> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <chr>
## 1 0 0.519 0.0988 0.111 0.420 0.630 1
## 2 1 0.746 0.119 0.104 0.627 0.851 1
```

```
##
            3 0.506 0.101 0.101 0.405 0.608 1
##
   4
            6 0.573 0.12
                            0.107 0.453 0.68
##
   5
            7 0.593 0.0988 0.0988 0.494 0.691 1
##
   6
            12 0.457 0.0988 0.111
                                  0.358 0.568 1
##
   7
            13 0.481 0.101
                           0.114
                                   0.380 0.595 1
##
   8
            16 0.556 0.111 0.112 0.444 0.667 1
            17 0.506 0.111 0.111 0.395 0.617 1
## 10
            27 0.488 0.112 0.112 0.375 0.6
## # ... with 14 more rows
```

By response times

Regardless of response correctness and feature matching

```
## # A tibble: 15 x 7
##
      label
                                       condition
                                                     Mean CILow CIHigh count group
##
      <fct>
                                       <chr>>
                                                     <dbl> <dbl>
                                                                  <dbl> <int> <chr>
##
    1 table_metal_blue
                                       material yes 1266.
                                                            136.
                                                                   152.
                                                                            22 rt
##
    2 table_metal_green
                                       material yes 1253.
                                                            174.
                                                                   166.
                                                                            20 rt
##
    3 chair_metal_purple
                                       material yes 1244.
                                                            117.
                                                                   125.
                                                                            25 rt
##
    4 box_wood_blue
                                       material yes 1212.
                                                            143.
                                                                   145.
                                                                            23 rt
                                       material yes 1211.
    5 plate_plastic_pink
                                                            124.
                                                                   127.
                                                                            20 rt
##
   6 table_metal_silver_original
                                      material yes 1204.
                                                            119.
                                                                   121.
                                                                            20 rt
  7 table wood green
                                      material yes 1201.
                                                            106.
                                                                   112.
                                                                            26 rt
   8 chair_metal_green
                                                            131.
                                                                   139.
                                                                            20 rt
##
                                      material yes 1187.
   9 jacket_leather_green
                                                                   142.
                                       material yes 1187.
                                                            122.
                                                                            24 rt.
## 10 bottle_glass_blue
                                      material yes 1185.
                                                            123.
                                                                   126.
                                                                            23 rt
## 11 pitcher metal blue
                                      material yes 1185.
                                                            160.
                                                                   167.
                                                                            22 rt
## 12 spoon_wood_green
                                       material yes 1179.
                                                            127.
                                                                   138.
                                                                            24 rt
## 13 plate_paper_blue
                                       material no 1177.
                                                            115.
                                                                   131.
                                                                            25 rt
## 14 boot_leather_green
                                      material yes 1174.
                                                            122.
                                                                   149.
                                                                            19 rt
## 15 pitcher_plastic_white_original material yes 1174.
                                                            123.
                                                                   108.
                                                                            20 rt
## # A tibble: 15 x 7
##
      label
                                                   Mean CILow CIHigh count group
                                     condition
##
      <fct>
                                     <chr>
                                                  <dbl> <dbl>
                                                                <dbl> <int> <chr>
                                                   943. 102.
   1 plate_paper_blue
##
                                     color yes
                                                                111.
                                                                          25 rt
##
    2 table_metal_blue
                                     color yes
                                                   941.
                                                         91.0
                                                                107.
                                                                          26 rt
##
    3 box_cardboard_brown_original color yes
                                                   941.
                                                          93.8
                                                                 95.7
                                                                          26 rt
   4 table wood green
                                     color no
                                                   940.
                                                          89.2
                                                                107.
                                                                          20 rt
    5 table_metal_green
                                                   938.
                                                          75.9
                                                                 86.8
                                                                          20 rt
##
                                     color yes
##
    6 cup_plastic_green
                                     color no
                                                   932.
                                                         76.0
                                                                 80.9
                                                                          25 rt
##
   7 chair_plastic_blue_original
                                    color yes
                                                   930.
                                                         83.4
                                                                 88.0
                                                                         20 rt
   8 table_wood_brown_original
                                    material yes
                                                   928. 101.
                                                                109.
                                                                         25 rt
    9 spoon metal green
                                     color yes
                                                   924.
                                                          97.5
                                                                106.
                                                                          25 rt
## 10 jacket_denim_purple
                                                   922.
                                                         83.9
                                                                 85.3
                                                                         20 rt
                                     color yes
## 11 pitcher metal blue
                                     color yes
                                                   922
                                                          91.2
                                                                105.
                                                                          20 rt
                                                          80.3
## 12 cup_plastic_blue
                                    material yes
                                                   918.
                                                                 84.4
                                                                          26 rt
## 13 table_wood_brown_original
                                     color yes
                                                   917.
                                                         79.9
                                                                 87.1
                                                                          24 rt
                                     color yes
                                                                156.
## 14 cup_plastic_green
                                                   911. 102.
                                                                          20 rt
## 15 plate_plastic_blue_original
                                                   875.
                                                         92.3
                                                                 94.9
                                                                          24 rt
                                    color yes
```

Only correct responses, regardless of feature matching

```
##
      label
                                   condition
                                                  Mean CILow CIHigh count group
                                                              <dbl> <int> <chr>
##
      <fct>
                                                 <dbl> <dbl>
##
                                   material yes 1316.
                                                               212.
   1 table_metal_green
                                                        216.
                                                                        12 correct_rt
##
    2 table_metal_blue
                                   material yes 1305.
                                                        200.
                                                               197.
                                                                        14 correct rt
##
    3 chair metal purple
                                   material yes 1282.
                                                               128.
                                                                        19 correct rt
                                                        141.
   4 table_wood_green
                                   material yes 1206.
                                                        121.
                                                               122.
                                                                        23 correct rt
    5 bottle_glass_clear_original color no
##
                                                 1190.
                                                        130.
                                                               146.
                                                                        22 correct rt
    6 table_metal_silver_original material yes 1185.
                                                        168.
                                                               154.
                                                                        15 correct_rt
##
   7 jacket_leather_purple
                                   material yes 1185.
                                                        183.
                                                               187.
                                                                        17 correct_rt
   8 chair_metal_green
                                   material yes 1181.
                                                        140.
                                                               148.
                                                                        19 correct_rt
   9 boot_leather_green
                                   material yes 1174.
                                                        126.
                                                               134.
                                                                        19 correct_rt
## 10 chair_metal_silver_original material yes 1165.
                                                               152.
                                                        146.
                                                                        24 correct_rt
## 11 boot_leather_black_original material no 1164.
                                                               127.
                                                                        24 correct_rt
## 12 spoon_metal_green
                                   material yes 1161.
                                                        181.
                                                               179.
                                                                        18 correct_rt
## 13 spoon_wood_blue
                                   color no
                                                 1160.
                                                        165.
                                                               169.
                                                                        21 correct_rt
## 14 chair_wood_purple
                                   material yes 1157.
                                                        167.
                                                               160.
                                                                        21 correct_rt
## 15 table_wood_blue
                                   material yes 1156.
                                                               149.
                                                        141.
                                                                        25 correct_rt
## # A tibble: 15 x 7
##
      label
                                                  Mean CILow CIHigh count group
                                   condition
##
      <fct>
                                                              <dbl> <int> <chr>
                                   <chr>
                                                 <dbl> <dbl>
   1 box_wood_brown_original
                                                 936
                                                        92.8
                                   material yes
                                                              117.
                                                                        23 correct_rt
    2 bottle plastic green
                                   color yes
                                                  935. 104.
                                                              105.
                                                                        18 correct rt
   3 bowl_metal_silver_original
##
                                   material yes
                                                 934. 112.
                                                              123.
                                                                        22 correct_rt
                                                               75.8
   4 cup plastic green
                                   color no
                                                  932.
                                                        74.5
                                                                        25 correct rt
  5 table_wood_brown_original
                                                        96.9
                                                               97.0
                                   material yes
                                                  928.
                                                                        25 correct_rt
    6 jacket_denim_purple
                                   color yes
                                                  922.
                                                        87.9
                                                               83.4
                                                                        20 correct_rt
## 7 table_metal_blue
                                   color yes
                                                  922.
                                                        94.1
                                                              102.
                                                                        25 correct_rt
  8 cup plastic blue
                                   material yes
                                                        77.5
                                                  918.
                                                               87.6
                                                                        26 correct rt
   9 cup_plastic_clear_original
                                   color yes
                                                  917. 100.
                                                              117.
                                                                        21 correct_rt
## 10 pitcher_metal_blue
                                   color yes
                                                  915.
                                                        92.0
                                                              113.
                                                                        19 correct_rt
## 11 cup_plastic_green
                                   color yes
                                                  911. 118.
                                                              139.
                                                                        20 correct_rt
## 12 bottle_glass_green
                                   color yes
                                                  903.
                                                        79.5
                                                               86.9
                                                                        19 correct_rt
## 13 chair_plastic_blue_original color yes
                                                  890.
                                                        77.2
                                                               73.7
                                                                        18 correct_rt
## 14 table_wood_brown_original
                                   color yes
                                                  876.
                                                        63.1
                                                               71.9
                                                                        22 correct rt
                                                                        24 correct_rt
## 15 plate_plastic_blue_original color yes
                                                  875.
                                                        93.6 109.
Only correct responses, only matching features
## # A tibble: 15 x 7
##
      label
                               condition
                                            Mean CILow CIHigh count group
##
      <fct>
                                                         <dbl> <int> <chr>
                               <chr>>
                                            <dbl> <dbl>
    1 table_metal_green
                               material y~ 1316. 204.
                                                         214.
                                                                  12 correct matchin~
##
    2 table_metal_blue
                               material y~ 1305. 211.
                                                         218.
                                                                  14 correct_matchin~
    3 chair_metal_purple
                               material y~ 1282. 147.
                                                         139.
                                                                  19 correct_matchin~
    4 table_wood_green
                               material y~ 1206. 114.
                                                         134.
                                                                  23 correct_matchin~
    5 table_metal_silver_ori~
                                                                  15 correct_matchin~
                               material y~ 1185. 148.
                                                         158.
##
   6 jacket_leather_purple
                               material y~ 1185. 187.
                                                         178.
                                                                  17 correct_matchin~
  7 chair_metal_green
                               material y~ 1181. 151.
                                                         148.
                                                                  19 correct_matchin~
                               material y~ 1174. 121.
## 8 boot_leather_green
                                                         131.
                                                                  19 correct_matchin~
   9 chair_metal_silver_ori~ material y~ 1165. 154.
                                                         157.
                                                                  24 correct_matchin~
                                                                  18 correct_matchin~
## 10 spoon_metal_green
                               material y~ 1161. 167.
                                                         179.
```

A tibble: 15 x 7

11 chair wood purple

12 table_wood_blue

170.

160.

21 correct matchin~

25 correct_matchin~

material y~ 1157. 157.

material y~ 1156. 140.

```
material y~ 1149. 154.
## 13 plate_paper_blue
                                                         146.
                                                                   16 correct matchin~
## 14 bottle_glass_blue
                               material y~ 1147. 130.
                                                         138.
                                                                   21 correct_matchin~
## 15 jacket_denim_green
                               material y~ 1146. 91.6
                                                          87.4
                                                                   17 correct_matchin~
## # A tibble: 15 x 7
##
      label
                                              Mean CILow CIHigh count group
                               condition
##
      <fct>
                               <chr>>
                                             <dbl> <dbl>
                                                          <dbl> <int> <chr>
##
    1 box_cardboard_brown_or~ material yes
                                              936.
                                                    94.4
                                                          107.
                                                                    23 correct_matchi~
##
    2 box_wood_brown_original material yes
                                              936
                                                    86.3
                                                          117.
                                                                    23 correct matchi~
##
    3 bottle_plastic_green
                               color yes
                                              935. 101.
                                                          114.
                                                                    18 correct_matchi~
    4 bowl_metal_silver_orig~ material yes
                                              934. 100.
                                                          112.
                                                                    22 correct_matchi~
    5 table_wood_brown_origi~ material yes
                                              928.
                                                    91.6
                                                          100.
                                                                    25 correct_matchi~
    6 jacket_denim_purple
                               color yes
                                              922.
                                                    80.6
                                                           82.8
                                                                    20 correct_matchi~
##
                                                    94.3
                                                           96.7
   7 table_metal_blue
                               color yes
                                              922.
                                                                    25 correct_matchi~
   8 cup_plastic_blue
                               material yes
                                              918.
                                                    77.9
                                                           87.2
                                                                    26 correct_matchi~
                                              917. 102.
                                                          117.
    9 cup_plastic_clear_orig~ color yes
                                                                    21 correct_matchi~
## 10 pitcher_metal_blue
                               color yes
                                              915.
                                                    92.0
                                                          113.
                                                                    19 correct_matchi~
## 11 cup_plastic_green
                               color yes
                                              911. 118.
                                                          144.
                                                                    20 correct_matchi~
## 12 bottle_glass_green
                               color yes
                                              903.
                                                    79.3
                                                           80.9
                                                                    19 correct_matchi~
## 13 chair_plastic_blue_ori~ color yes
                                                    75.1
                                                           74.4
                                                                    18 correct_matchi~
                                              890.
## 14 table_wood_brown_origi~ color yes
                                              876.
                                                    63.6
                                                           69.0
                                                                    22 correct_matchi~
## 15 plate_plastic_blue_ori~ color yes
                                              875. 87.2
                                                          104.
                                                                    24 correct_matchi~
```

Only correct responses, only not matching features

```
## # A tibble: 15 x 7
##
      label
                              condition
                                            Mean CILow CIHigh count group
##
      <fct>
                                           <dbl> <dbl>
                                                        <dbl> <int> <chr>
                              <chr>
##
    1 bottle_glass_clear_or~ color no
                                           1190.
                                                  134.
                                                          134.
                                                                  22 correct_notmatch~
    2 boot_leather_black_or~ material no 1164.
                                                  120.
                                                          131.
                                                                  24 correct_notmatch~
    3 spoon_wood_blue
                                           1160.
                                                  166.
                                                          179.
                                                                  21 correct notmatch~
                              color no
##
                              material no 1155.
                                                  132.
    4 plate_paper_blue
                                                          148.
                                                                  23 correct_notmatch~
    5 boot_leather_brown
                              color no
                                           1150.
                                                  140.
                                                          138.
                                                                  25 correct_notmatch~
##
                              material no 1146.
                                                  138.
                                                          148.
                                                                  22 correct_notmatch~
   6 bottle_glass_green
##
   7 chair_metal_green
                              color no
                                           1146.
                                                  143.
                                                          165.
                                                                  25 correct_notmatch~
    8 spoon_wood_green
                              material no 1144.
                                                  136.
                                                          149.
##
                                                                  22 correct_notmatch~
    9 table_wood_brown_orig~ color no
                                           1140.
                                                  136.
                                                          155.
                                                                  23 correct_notmatch~
                                           1137.
                                                  126.
                                                          129.
## 10 bottle_glass_green
                              color no
                                                                  24 correct_notmatch~
## 11 bag_paper_brown_origi~ material no 1135.
                                                  124.
                                                          122.
                                                                  25 correct_notmatch~
## 12 cup_metal_green
                              color no
                                           1131.
                                                  146.
                                                          152.
                                                                  24 correct_notmatch~
## 13 boot_leather_green
                              material no 1126.
                                                  122.
                                                          133.
                                                                  26 correct_notmatch~
## 14 jacket denim green
                              material no 1123.
                                                  135.
                                                          143.
                                                                  27 correct notmatch~
                                                                  26 correct_notmatch~
## 15 plate_paper_white_ori~ material no 1122.
                                                  115.
                                                          121.
## # A tibble: 15 x 7
##
      label
                                             Mean CILow CIHigh count group
                               condition
##
      <fct>
                               <chr>
                                            <dbl> <dbl>
                                                          <dbl> <int> <chr>
                                             979. 90.3
                                                           94.2
##
    1 pitcher_glass_blue
                               material no
                                                                   17 correct_notmatc~
    2 pitcher_plastic_white_~ material no
##
                                             978. 106.
                                                          128.
                                                                   24 correct_notmatc~
##
    3 chair_wood_brown_origi~ color no
                                             977. 104.
                                                          126.
                                                                   20 correct_notmatc~
##
    4 chair_plastic_blue_ori~ color no
                                             972. 107.
                                                          117.
                                                                   24 correct_notmatc~
##
    5 jacket_denim_purple
                               material no
                                             968. 113.
                                                          140.
                                                                   22 correct_notmatc~
##
    6 cup_metal_silver_origi~ color no
                                             966
                                                   92.2
                                                          113.
                                                                   22 correct_notmatc~
   7 jacket_denim_blue_orig~ color no
                                             964. 85.0
                                                          105.
                                                                   19 correct_notmatc~
    8 chair_metal_purple
                               color no
                                             962. 101.
                                                          122.
                                                                   18 correct_notmatc~
    9 table_wood_green
                               material no
                                             961. 121.
                                                          138.
                                                                   20 correct notmatc~
```

```
## 10 table_wood_brown_origi~ material no 961. 79.1
                                                    92.1
                                                             20 correct_notmatc~
## 11 jacket_leather_black_o~ color no
                                         960. 90.1 104.
                                                             19 correct_notmatc~
## 12 bowl_glass_green
                            material no
                                         954. 96.9 110.
                                                             20 correct_notmatc~
## 13 boot_rubber_brown
                                         942. 78.5
                                                     90.6
                                                             23 correct_notmatc~
                            color no
## 14 table_wood_green
                            color no
                                         937. 98.6 107.
                                                             19 correct_notmatc~
## 15 cup_plastic_green
                            color no
                                         932. 76.1
                                                    75.9
                                                             25 correct_notmatc~
```

By error rates

##

##

label

<fct>

Regardless of feature matching

## # A tibble: 15 x 7									
##	label	condition	L	Mean	CILow	CIHigh	count	group	
##	<fct> <</fct>	<chr></chr>		<dbl></dbl>	<dbl></dbl>	<dbl></dbl>	<int></int>	<chr></chr>	
##	1 table_metal_green n	material	yes	0.6	0.201	0.2	20	er	
##	2 table_metal_blue n	material	yes	0.636	0.227	0.182	22	er	
##	3 plate_paper_blue n	material	yes	0.667	0.208	0.167	24	er	
##		material	yes	0.667	0.208	0.208	24	er	
##	5 box_cardboard_blue n	material	no	0.708	0.208	0.167	24	er	
##	6 boot_rubber_brown n	material	yes	0.72	0.160	0.16	25	er	
##	7 spoon_wood_blue n	material	yes	0.737	0.211	0.211	19	er	
##	8 bowl_glass_blue n	material	yes	0.75	0.200	0.15	20	er	
##	9 table_metal_silver_original m	material	yes	0.75	0.200	0.15	20	er	
##	10 chair_metal_purple	material	yes	0.76	0.161	0.16	25	er	
##	11 jacket_denim_purple	material	yes	0.76	0.161	0.16	25	er	
##	12 bag_plastic_blue	material	no	0.789	0.211	0.158	19	er	
##	13 plate_plastic_green	material	yes	0.789	0.211	0.158	19	er	
##	14 bag_plastic_green	material	no	0.792	0.167	0.167	24	er	
##	15 boot_rubber_green	color yes		0.792	0.167	0.167	24	er	
##	# A tibble: 15 x 7								
##	label	conditio	n	Mean	CILow	CIHigh	count	group	
##	<fct></fct>	<chr></chr>		<dbl></dbl>	<dbl></dbl>	<dbl></dbl>	<int></int>	<chr></chr>	
##	1 spoon_metal_silver_original	material	yes	s 1	. 0	0	24	l er	
##	2 spoon_plastic_green	color ye	S	1	. 0	0	25	ē er	
##	<pre>3 spoon_plastic_white_original</pre>	color no	1	1	. 0	0	24	l er	
##	4 spoon_wood_brown_original	material	no	1	. 0	0	24	l er	
##	5 spoon_wood_green	material	no	1	. 0	0	22	2 er	
##	6 table_metal_blue	material	no	1	. 0	0	20) er	
##	7 table_metal_green	material	no	1	. 0	0	24	l er	
##	8 table_metal_silver_original	material	no	1	. 0	0	25	ē er	
##	9 table_wood_blue	color no	,	1	. 0	0	23	3 er	
##	10 table_wood_blue	color ye	S	1	. 0	0	27	er er	
	11 table_wood_blue	material	no	1	. 0	0	20) er	
	12 table_wood_blue	material	yes	s 1	. 0	0	25	ē er	
	13 table_wood_brown_original	material		1	. 0	0	20) er	
	14 table_wood_brown_original	material	•					er er	
##	15 table_wood_green	color ye	S	1	. 0	0	25	ē er	
Only matching features									
## # A tibble: 15 x 7									

Mean CILow CIHigh count group

<dbl> <dbl> <int> <chr>

condition

<chr>

```
1 table_metal_green
                                                               0.2
                                                                        20 matching er
                                   material yes 0.6
                                                       0.25
##
                                   material yes 0.636 0.227
                                                               0.182
                                                                        22 matching_er
    2 table_metal_blue
    3 plate_paper_blue
                                   material yes 0.667 0.208
                                                               0.167
                                                                        24 matching er
    4 spoon_wood_green
                                   material yes 0.667 0.167
##
                                                               0.167
                                                                        24 matching_er
##
    5 boot_rubber_brown
                                   material yes 0.72 0.200
                                                               0.16
                                                                        25 matching_er
##
   6 spoon wood blue
                                   material yes 0.737 0.211
                                                               0.158
                                                                        19 matching er
   7 bowl glass blue
                                   material yes 0.75 0.200
                                                               0.15
                                                                        20 matching er
##
    8 table_metal_silver_original material yes 0.75
                                                       0.200
                                                               0.15
                                                                        20 matching er
##
    9 chair_metal_purple
                                   material yes 0.76
                                                       0.16
                                                               0.16
                                                                        25 matching er
## 10 jacket_denim_purple
                                   material yes 0.76 0.16
                                                               0.16
                                                                        25 matching_er
## 11 plate_plastic_green
                                   material yes 0.789 0.211
                                                               0.158
                                                                        19 matching_er
## 12 boot_rubber_green
                                   color yes
                                                 0.792 0.167
                                                               0.167
                                                                        24 matching_er
## 13 spoon_wood_blue
                                                 0.792 0.167
                                                               0.125
                                                                        24 matching_er
                                   color yes
                                   material yes 0.8
                                                       0.16
                                                               0.160
                                                                        25 matching_er
## 14 bowl_metal_blue
## 15 bowl_metal_green
                                   color yes
                                                 0.8
                                                       0.16
                                                               0.160
                                                                        25 matching_er
## # A tibble: 15 x 7
##
      label
                                   condition
                                                  Mean CILow CIHigh count group
##
      <fct>
                                    <chr>
                                                 <dbl> <dbl>
                                                               <dbl> <int> <chr>
                                                     1
                                                                   0
                                                                        25 matching er
##
    1 pitcher_metal_green
                                   color yes
                                                           0
##
    2 pitcher_metal_green
                                   material yes
                                                     1
                                                           0
                                                                   0
                                                                        19 matching_er
##
    3 pitcher_plastic_blue
                                   material yes
                                                           0
                                                                   0
                                                                        26 matching_er
                                                           0
                                                                   0
    4 plate_paper_blue
                                   color yes
                                                     1
                                                                        25 matching_er
##
    5 plate paper green
                                   color yes
                                                     1
                                                           0
                                                                   0
                                                                        26 matching er
                                                                   0
##
    6 plate_paper_white_original
                                   color yes
                                                     1
                                                           0
                                                                        25 matching_er
   7 plate_plastic_blue_original color yes
                                                           0
                                                                   0
                                                                        24 matching er
   8 plate_plastic_green
                                   color yes
                                                     1
                                                                   0
                                                                        25 matching_er
##
                                                           0
    9 spoon_metal_silver_original color yes
                                                     1
                                                           0
                                                                   0
                                                                        20 matching_er
                                                                   0
## 10 spoon_metal_silver_original material yes
                                                     1
                                                           0
                                                                        24 matching_er
                                                     1
                                                           0
                                                                   0
                                                                        25 matching er
## 11 spoon_plastic_green
                                   color yes
## 12 table_wood_blue
                                                           0
                                                                   0
                                   color yes
                                                     1
                                                                        27 matching_er
## 13 table_wood_blue
                                   material yes
                                                     1
                                                           0
                                                                   0
                                                                        25 matching_er
                                                                   0
## 14 table_wood_brown_original
                                   material yes
                                                           0
                                                                        25 matching_er
                                                     1
## 15 table_wood_green
                                   color yes
                                                     1
                                                           0
                                                                        25 matching_er
```

Only not matching features

A tibble: 15 x 7 ## label condition Mean CILow CIHigh count group ## <fct> <chr>> <dbl> <dbl> <dbl> <int> <chr> ## 1 box_cardboard_blue material no 0.708 0.167 0.167 24 notmatching_~ ## 2 bag plastic blue material no 0.789 0.211 0.158 19 notmatching ~ ## 3 bag_plastic_green material no 0.792 0.167 0.167 24 notmatching ~ 4 pitcher glass green color no 0.792 0.167 0.167 24 notmatching ~ ## 5 box_cardboard_brown_origi~ material no 0.8 0.2 0.150 20 notmatching_~ 6 chair_metal_green material no 0.815 0.148 0.148 27 notmatching_~ 7 bag_paper_blue material no 0.833 0.167 0.125 24 notmatching_~ 24 notmatching_~ 8 cup_plastic_clear_original color no 0.833 0.167 0.125 ## 9 boot_rubber_brown material no 0.84 0.160 0.12 25 notmatching_~ ## 10 bag_paper_green color no 0.85 0.15 0.15 20 notmatching_~ ## 11 pitcher_glass_clear_origi~ color no 0.85 0.200 0.15 20 notmatching_~ ## 12 pitcher_plastic_blue color no 0.85 0.151 0.15 20 notmatching_~ 27 notmatching_~ ## 13 pitcher_metal_green material no 0.852 0.148 0.111 ## 14 plate_plastic_pink material no 0.852 0.148 0.111 27 notmatching ~ ## 15 spoon_metal_green material no 0.852 0.148 27 notmatching_~ 0.111

## # A tibble: 15 x 7								
##		label	condition	Mean	CILow	${\tt CIHigh}$	${\tt count}$	group
##		<fct></fct>	<chr></chr>	<dbl></dbl>	<dbl></dbl>	<dbl></dbl>	<int></int>	<chr></chr>
##	1	<pre>jacket_leather_purple</pre>	material no	1	0	0	23	notmatching~
##	2	pitcher_metal_blue	color no	1	0	0	24	notmatching~
##	3	<pre>pitcher_metal_silver_origi~</pre>	color no	1	0	0	24	notmatching~
##	4	pitcher_plastic_green	material no	1	0	0	22	notmatching~
##	5	plate_paper_green	color no	1	0	0	23	notmatching~
##	6	${\tt plate_plastic_blue_original}$	material no	1	0	0	24	notmatching~
##	7	<pre>spoon_plastic_white_origin~</pre>	color no	1	0	0	24	notmatching~
##	8	spoon_wood_brown_original	material no	1	0	0	24	notmatching~
##	9	spoon_wood_green	material no	1	0	0	22	notmatching~
##	10	table_metal_blue	material no	1	0	0	20	notmatching~
##	11	table_metal_green	material no	1	0	0	24	notmatching~
##	12	${\tt table_metal_silver_original}$	material no	1	0	0	25	notmatching~
##	13	table_wood_blue	color no	1	0	0	23	notmatching~
##	14	table_wood_blue	material no	1	0	0	20	notmatching~
##	15	table_wood_brown_original	material no	1	0	0	20	notmatching~

Is there overlap?

```
## # A tibble: 60 x 3
## # Groups:
               label [48]
      label
                                  condition
                                                count
##
      <fct>
                                  <chr>
                                                <int>
##
   1 chair_metal_purple
                                  material yes
                                                    5
  2 table metal blue
                                  material yes
## 3 table_metal_green
                                  material yes
                                                    5
                                                    5
## 4 table_metal_silver_original material yes
  5 boot_leather_green
                                                    3
##
                                  material yes
                                                    3
  6 chair_metal_green
                                  material yes
## 7 plate_paper_blue
                                  material yes
                                                    3
   8 spoon_wood_green
                                  material yes
                                                    3
                                                    3
## 9 table_wood_green
                                  material yes
## 10 bag_plastic_blue
                                  material no
## # ... with 50 more rows
## # A tibble: 60 x 3
## # Groups:
               label [42]
##
      label
                                  condition
                                                count
##
      <fct>
                                   <chr>
                                                <int>
##
  1 table_wood_brown_original
                                  material yes
                                                    5
  2 plate_plastic_blue_original color yes
   3 chair_plastic_blue_original color yes
                                                    3
## 4 cup_plastic_blue
                                  material yes
                                                    3
## 5 cup_plastic_green
                                                    3
                                  color no
   6 cup_plastic_green
                                  color yes
                                                    3
                                                    3
   7 jacket_denim_purple
                                  color yes
   8 pitcher_metal_blue
                                                    3
                                  color yes
                                                    3
## 9 table_metal_blue
                                  color yes
## 10 table_wood_brown_original
                                  color yes
## # ... with 50 more rows
```