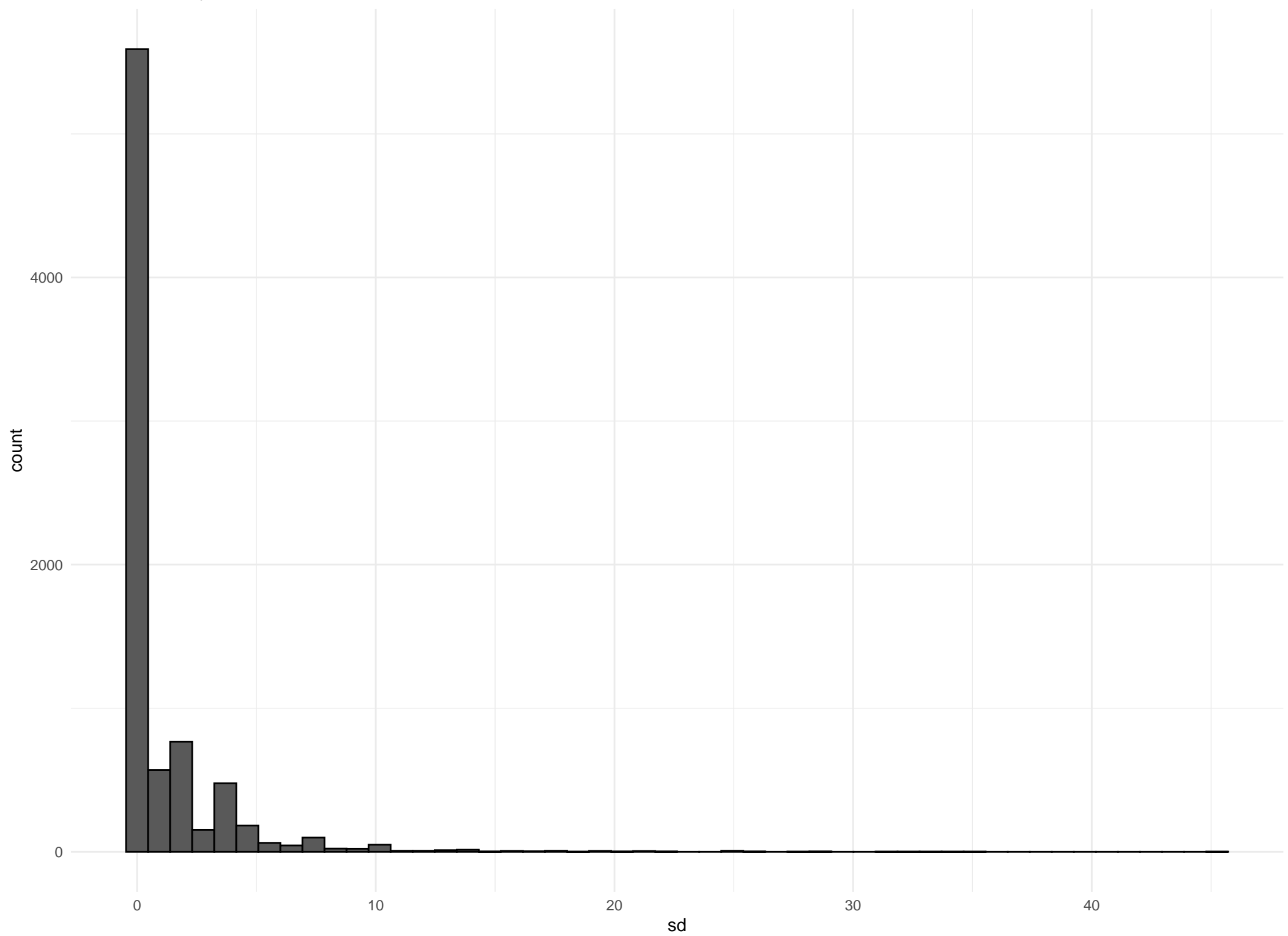
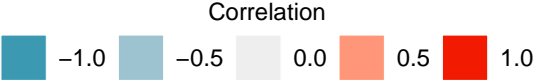
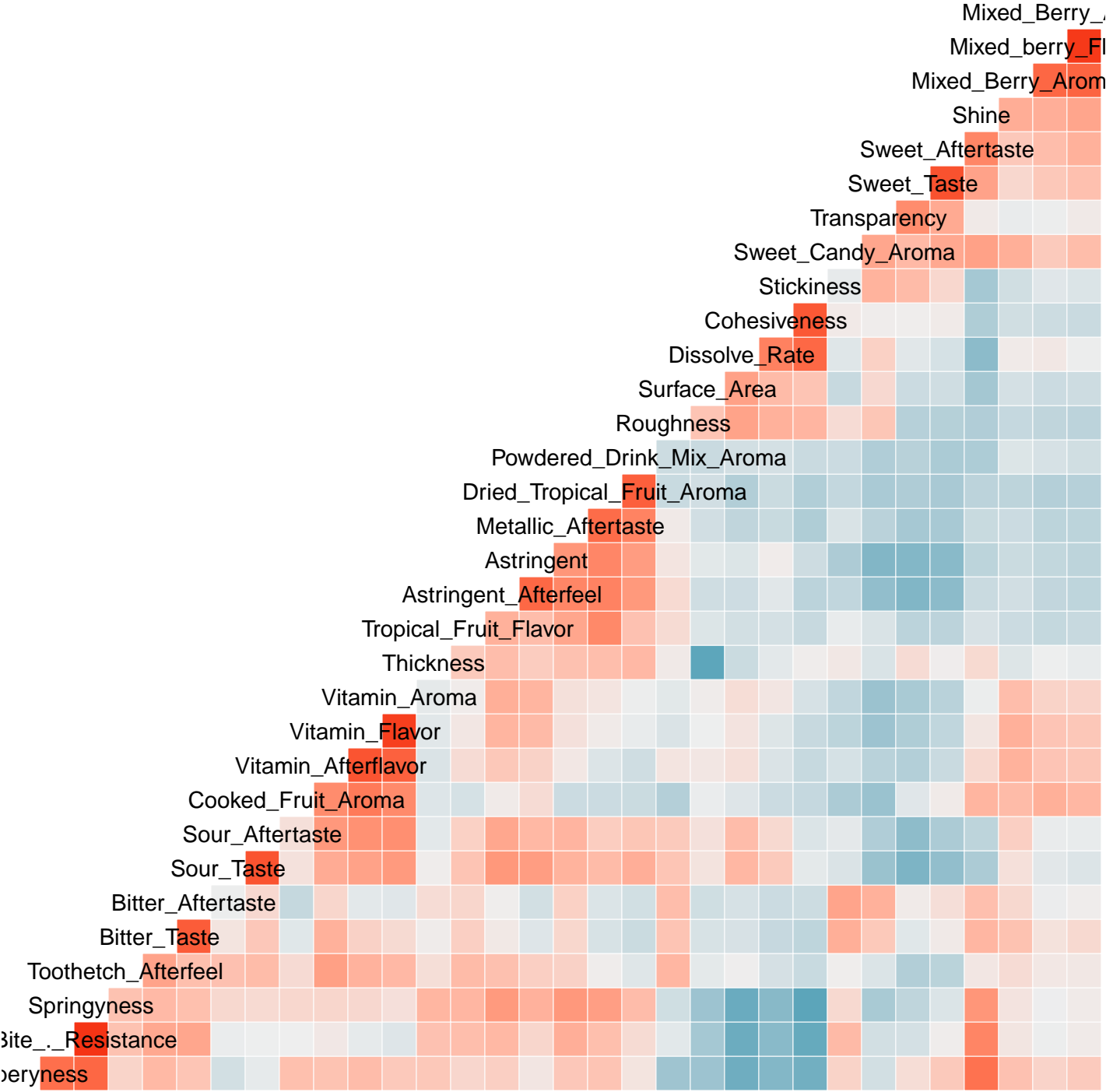


Panelist Standard Deviation across Sessions

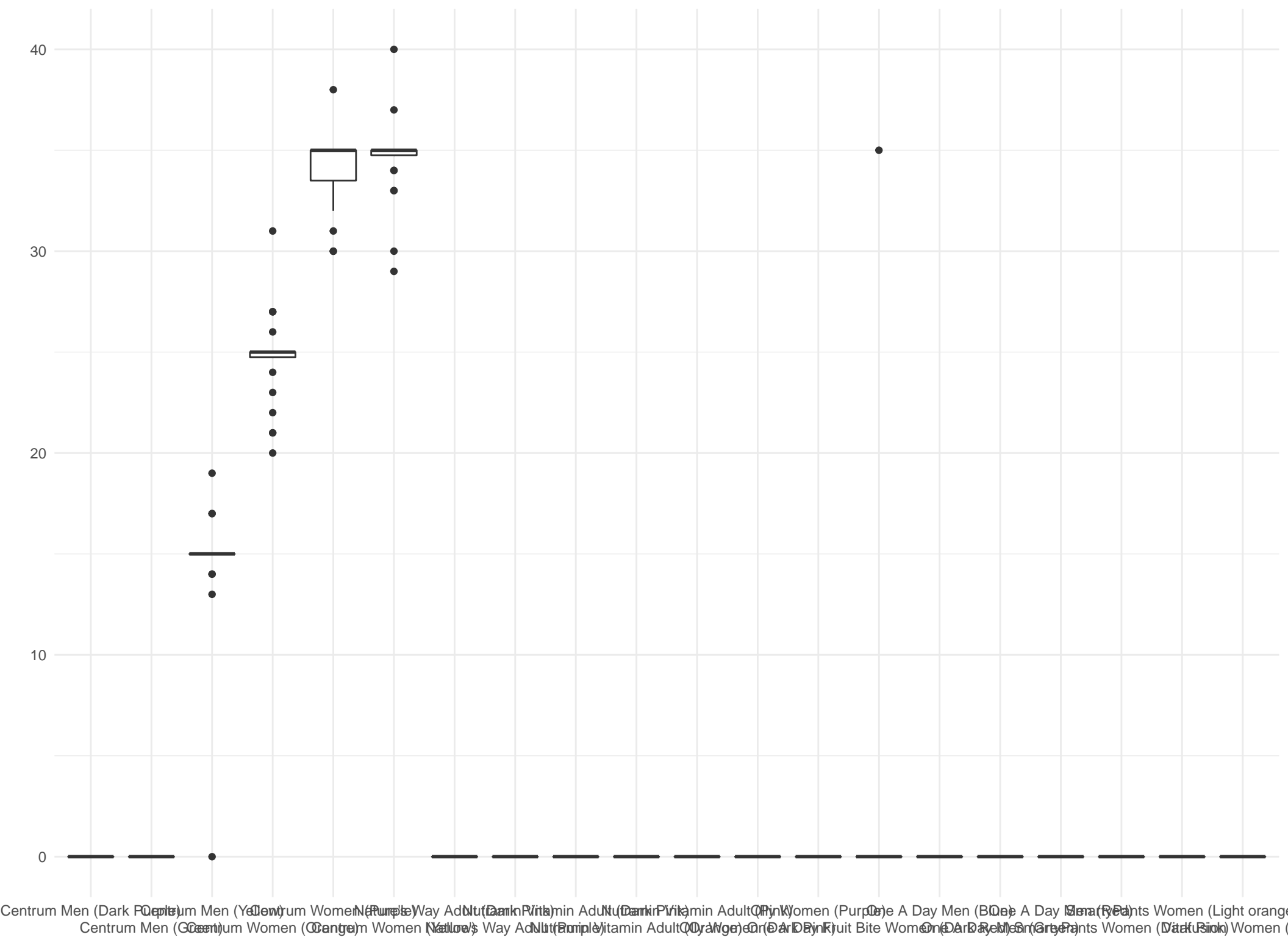
Should be mostly close to zero



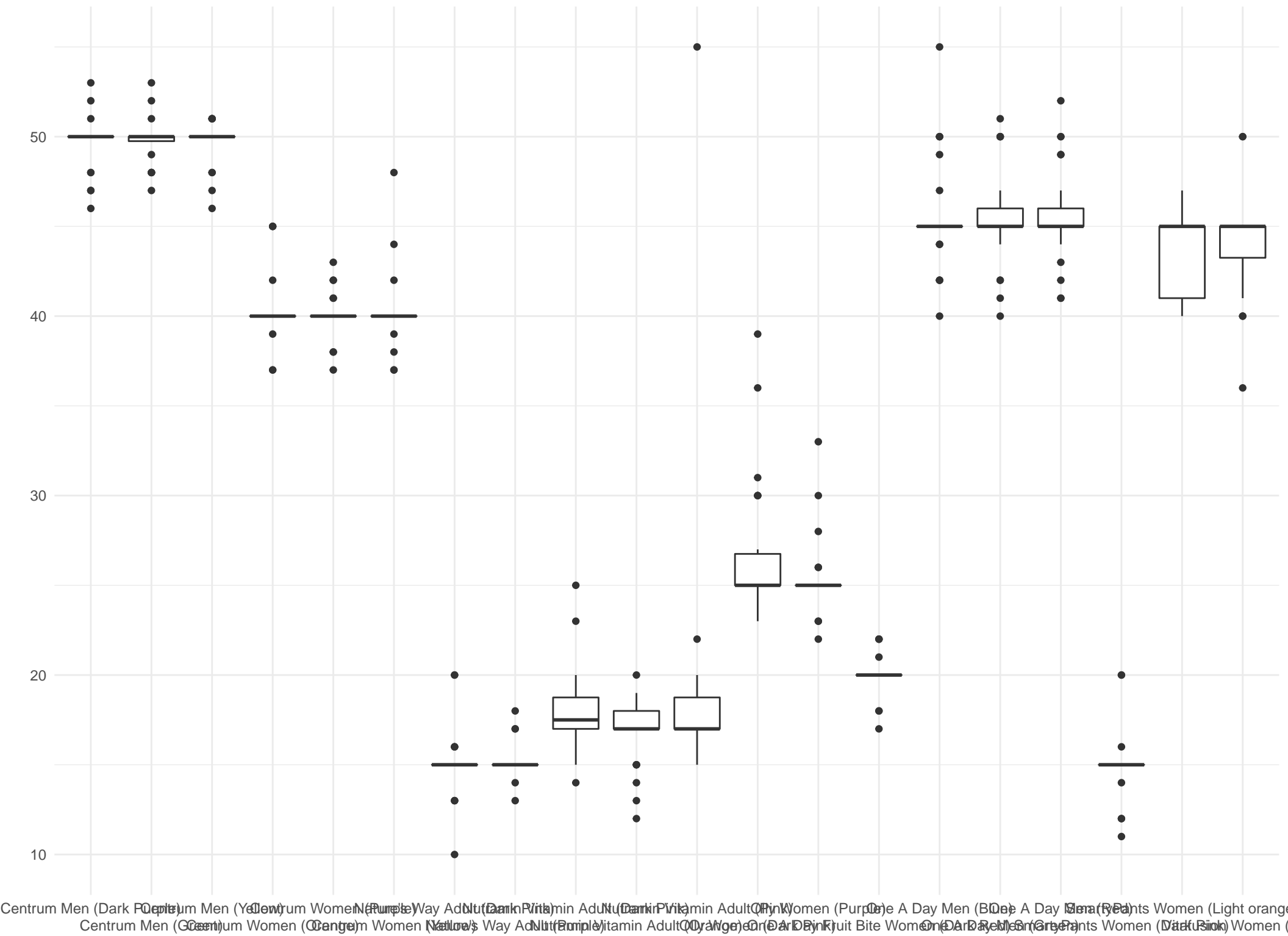
Correlogram – Ordered by Clustering



Dried Tropical Fruit Aroma



First Bite – Resistance

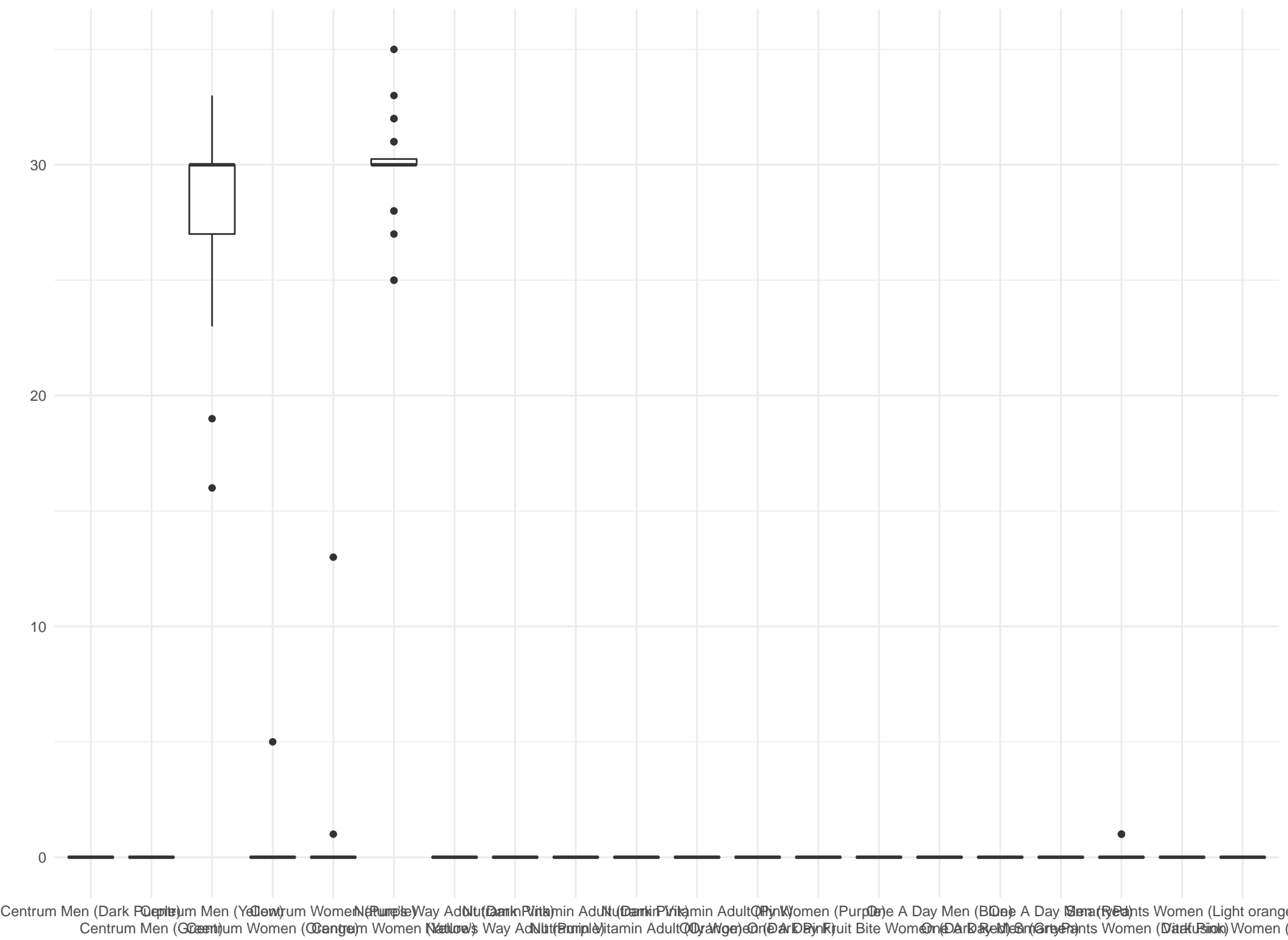


Springyness

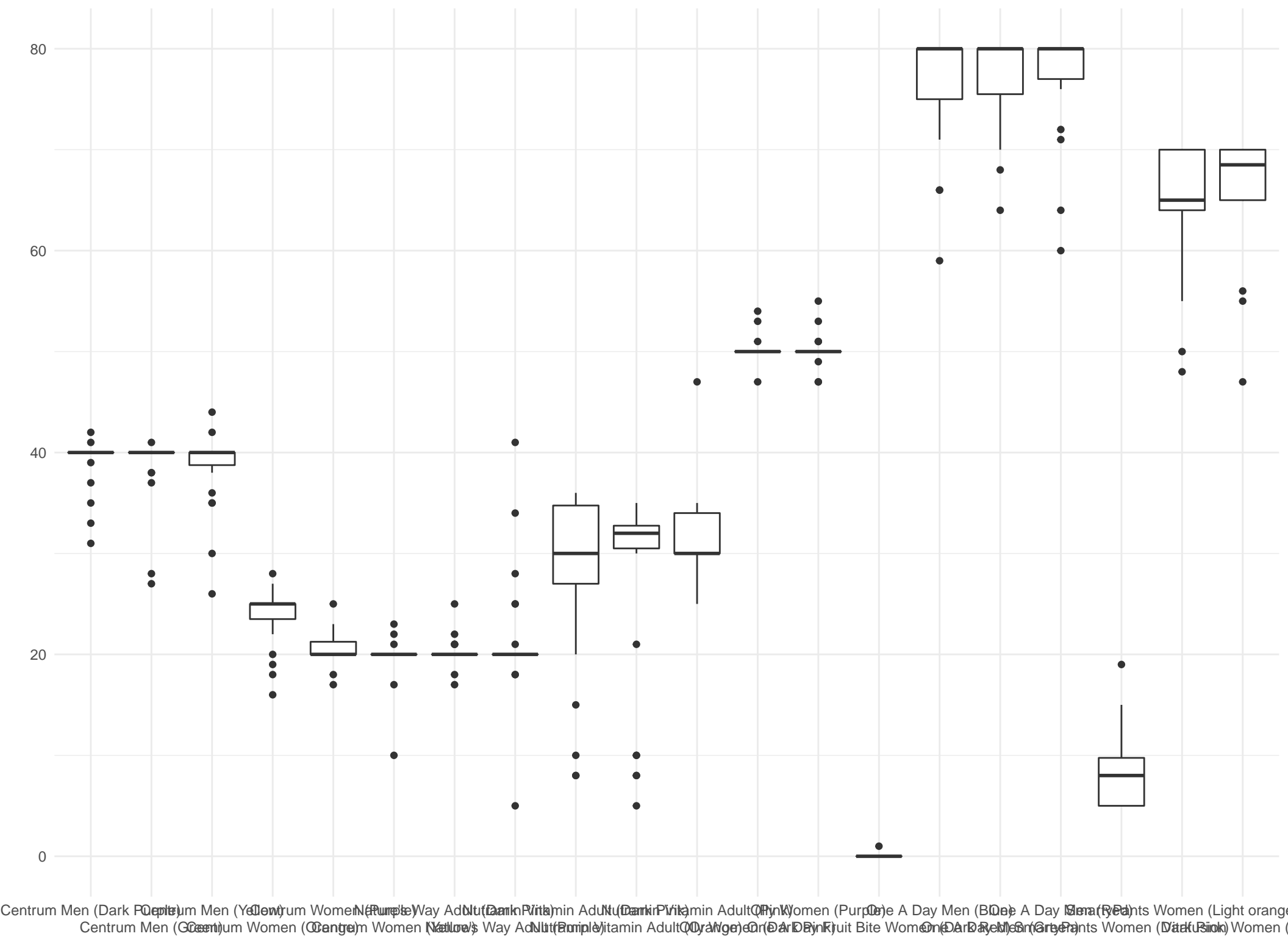
Box plot showing Springyness (Y-axis, 0 to 80) for 18 different brands of vitamins (X-axis). The plot displays the median, quartiles, and outliers for each brand.

Brand	Median	Q1	Q3	Min	Max	Outliers
Centrum Men (Dark Purple)	75	75	75	65	85	70, 72, 76, 78, 79
Centrum Men (Green)	75	75	75	70	78	71, 73, 74, 77
Centrum Men (Yellow)	75	72	75	67	79	76, 77, 78
Centrum Women (Green)	75	72	75	70	79	71, 73, 74, 76, 77
Centrum Women (Yellow)	75	75	76	69	80	72, 73, 74, 77, 78
Centrum Women (Purple)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Blue)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Blue)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Red)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Light orange)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Pink)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Grey)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Blue)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Red)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Light orange)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Pink)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Grey)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Blue)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Red)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Light orange)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Pink)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Grey)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Blue)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Red)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Light orange)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Pink)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Grey)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Blue)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Red)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Light orange)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Pink)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Grey)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Blue)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Red)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Light orange)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Pink)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Grey)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Blue)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Red)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Light orange)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Pink)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Grey)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Blue)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Red)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Light orange)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Dark Pink)	75	73	75	70	79	71, 72, 74, 76, 77
One A Day Men (Grey)	75	73	75	70	79	71, 72, 74, 76, 7

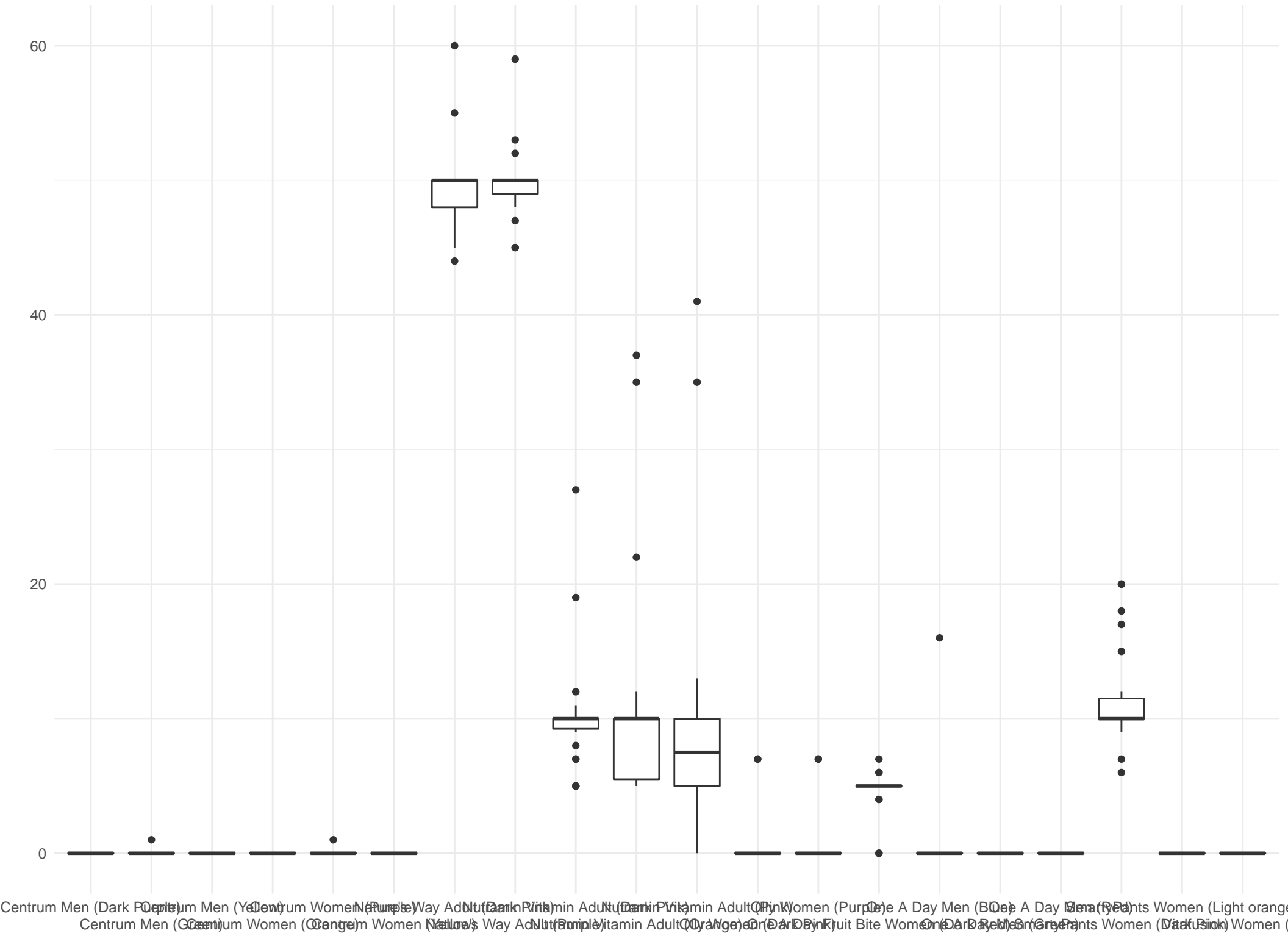
Tropical Fruit Flavor



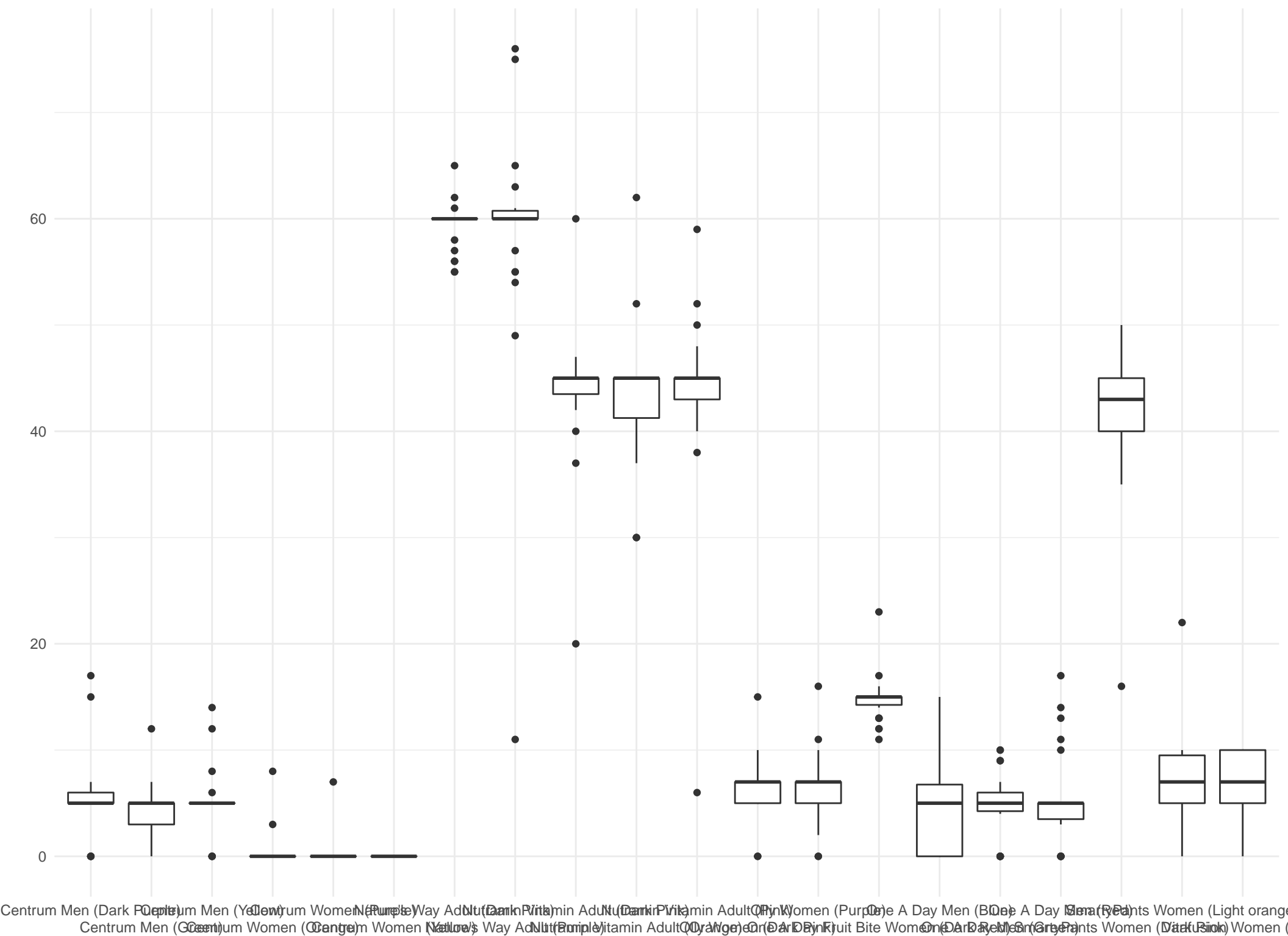
Shine



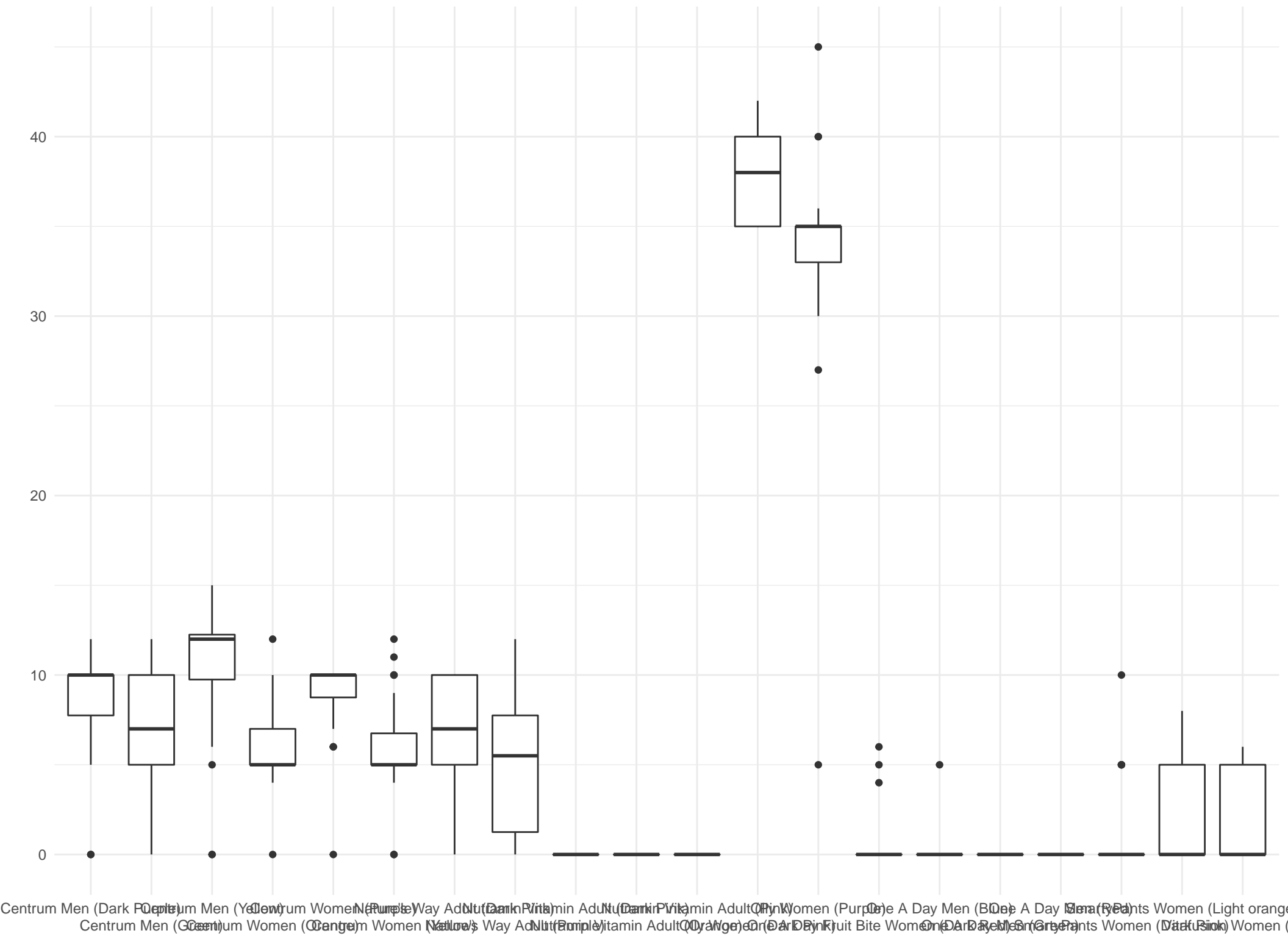
Cohesiveness



Stickiness

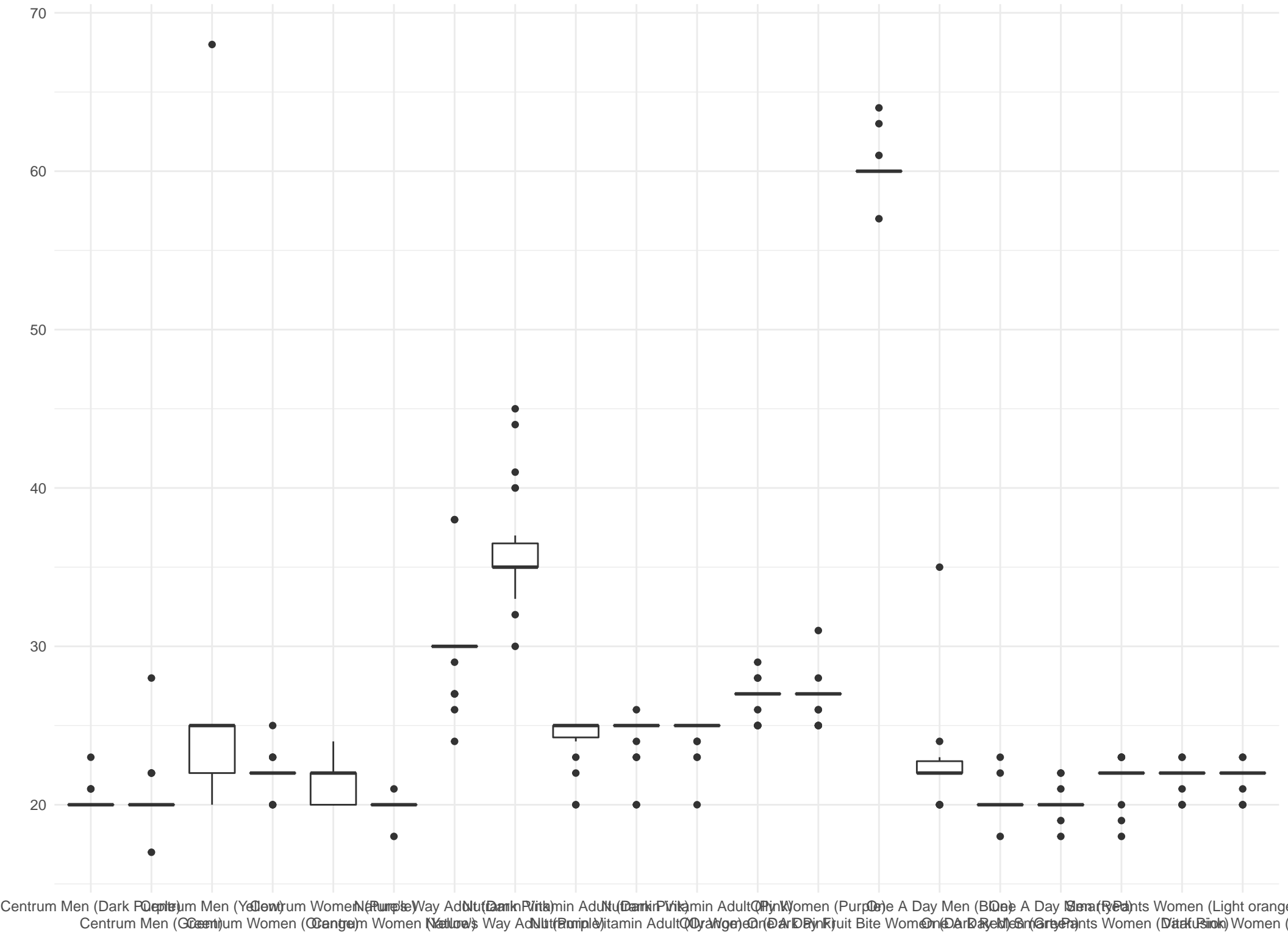


Vitamin Flavor

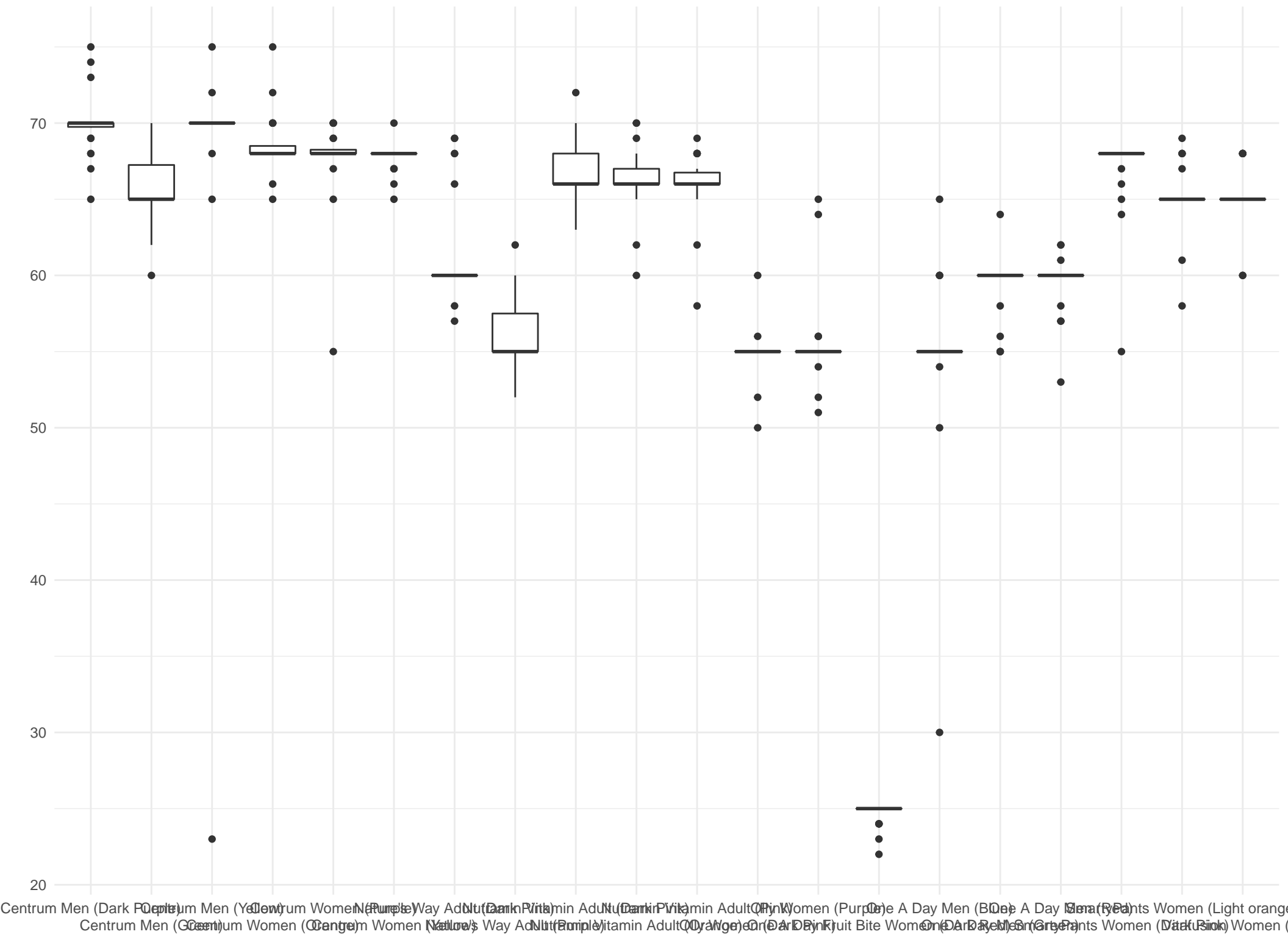


[illegible]

Surface Area

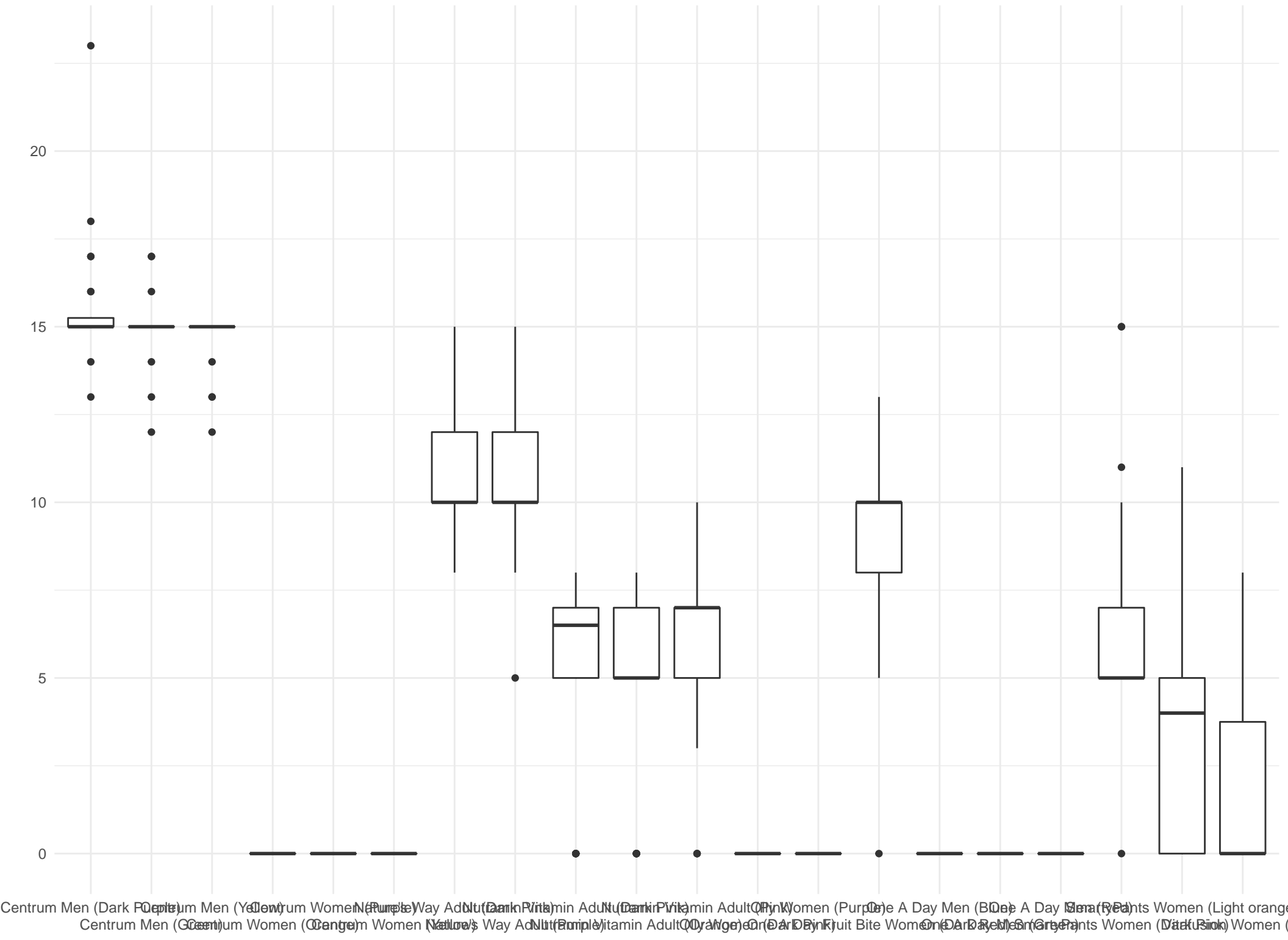


Thickness

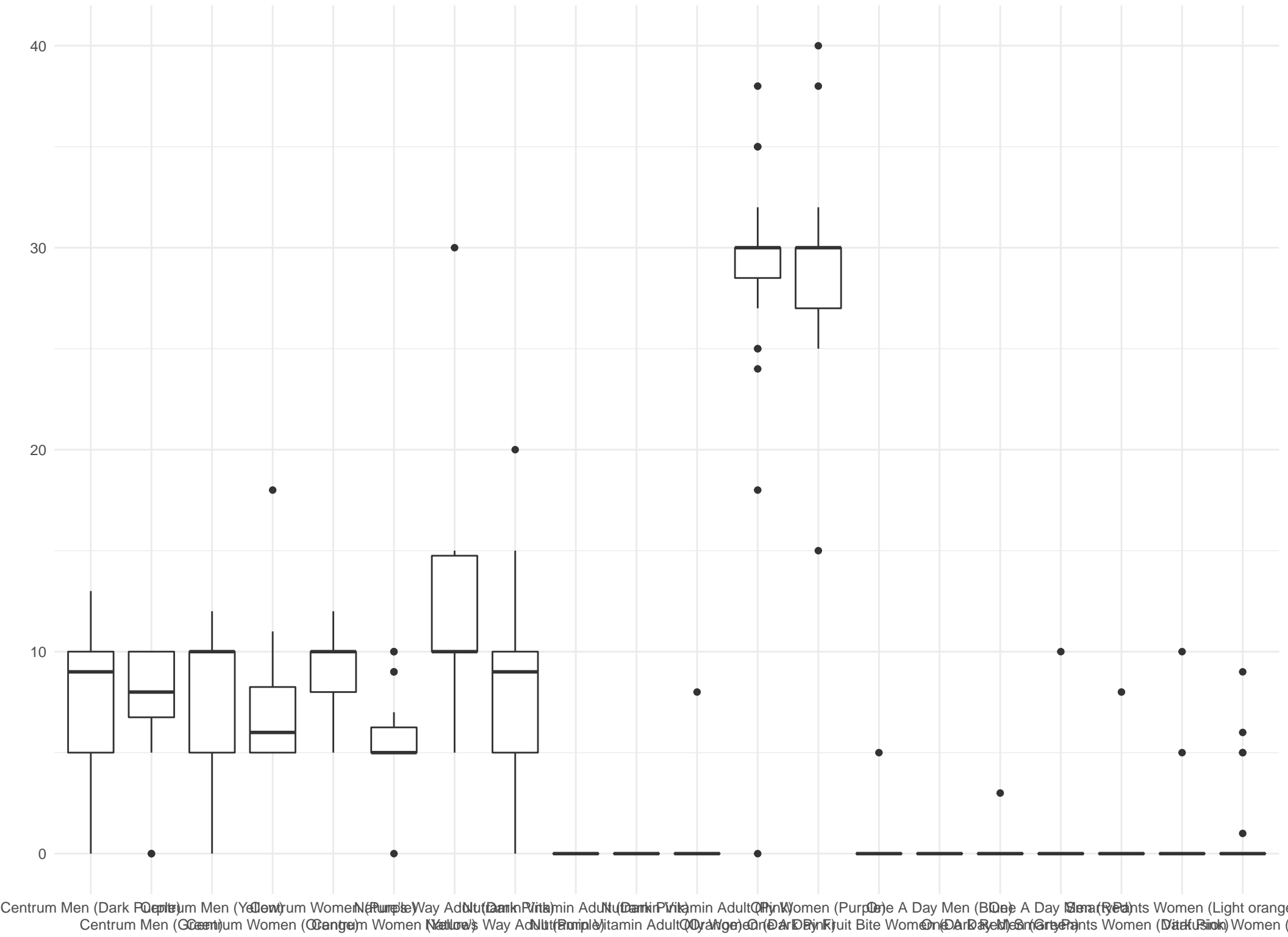


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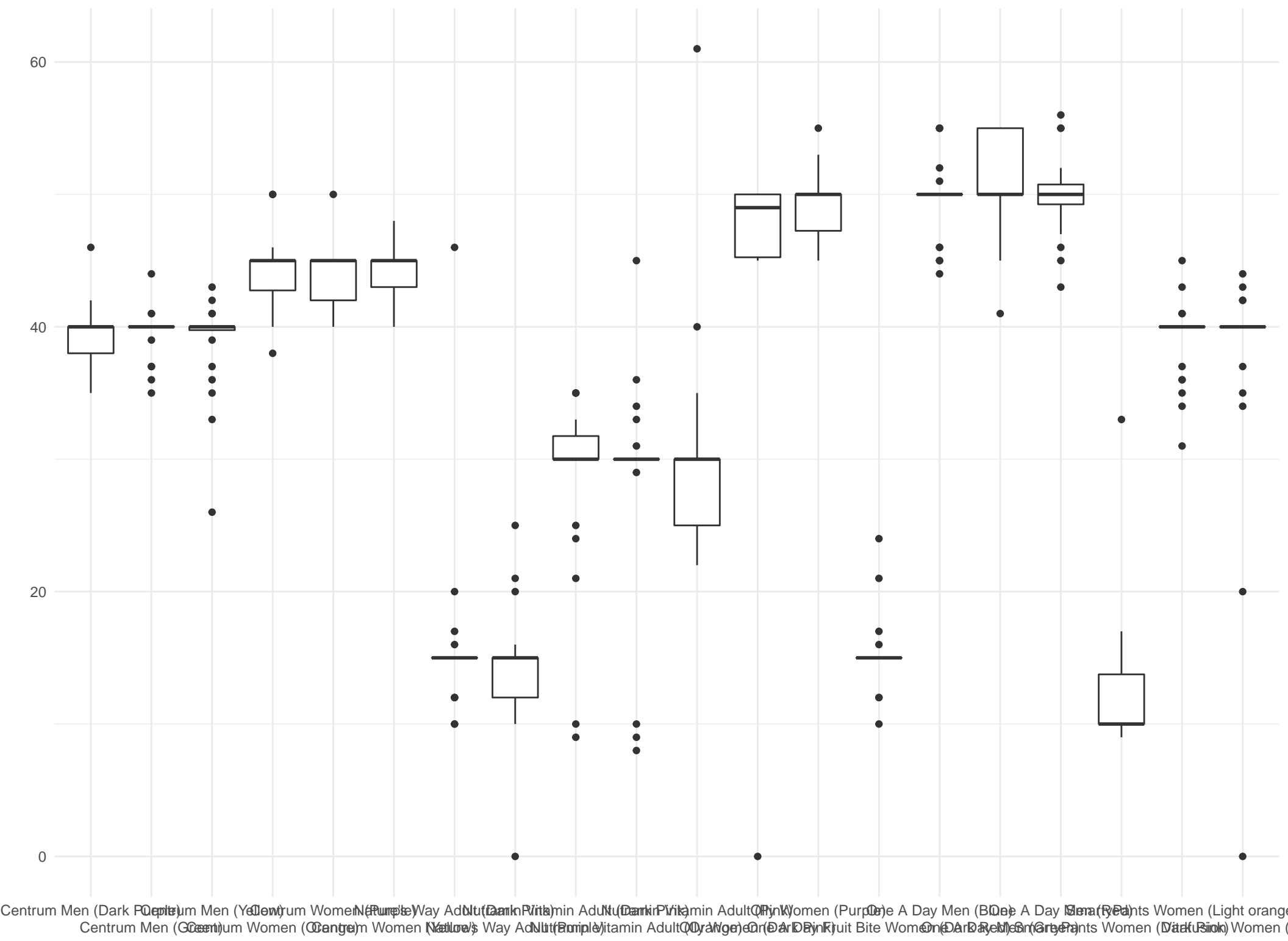
Roughness



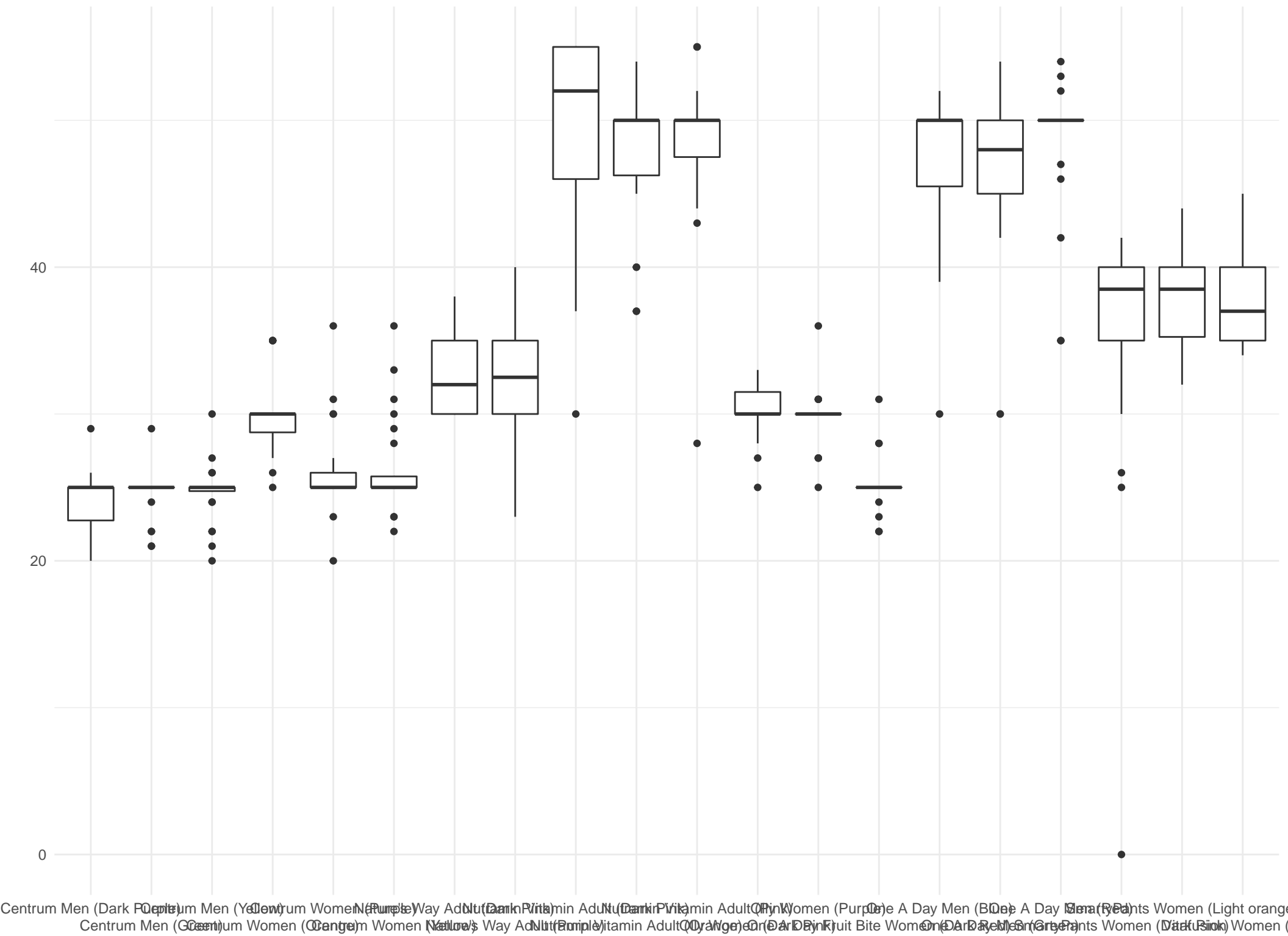
Vitamin Aroma



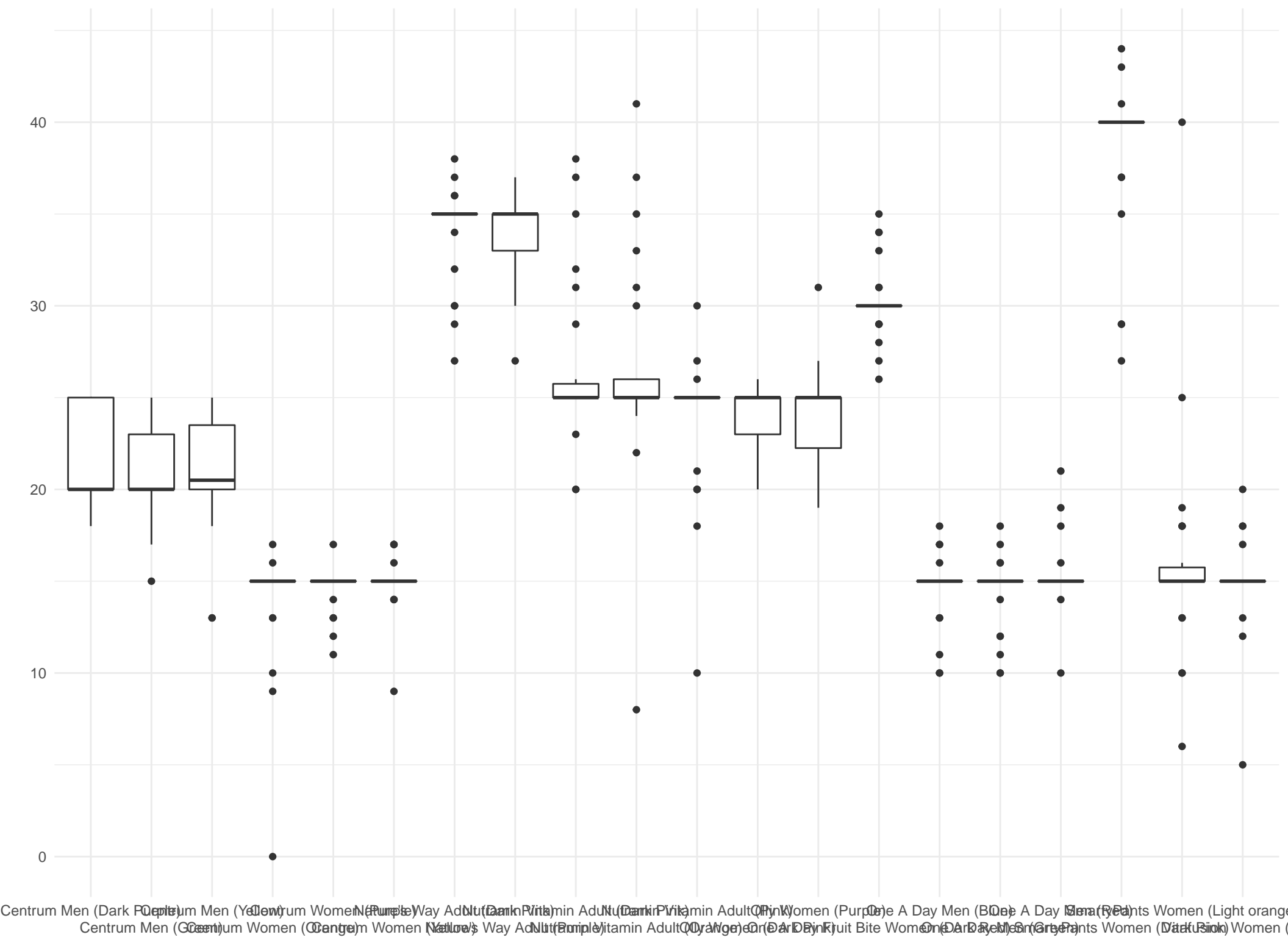
Slipperiness



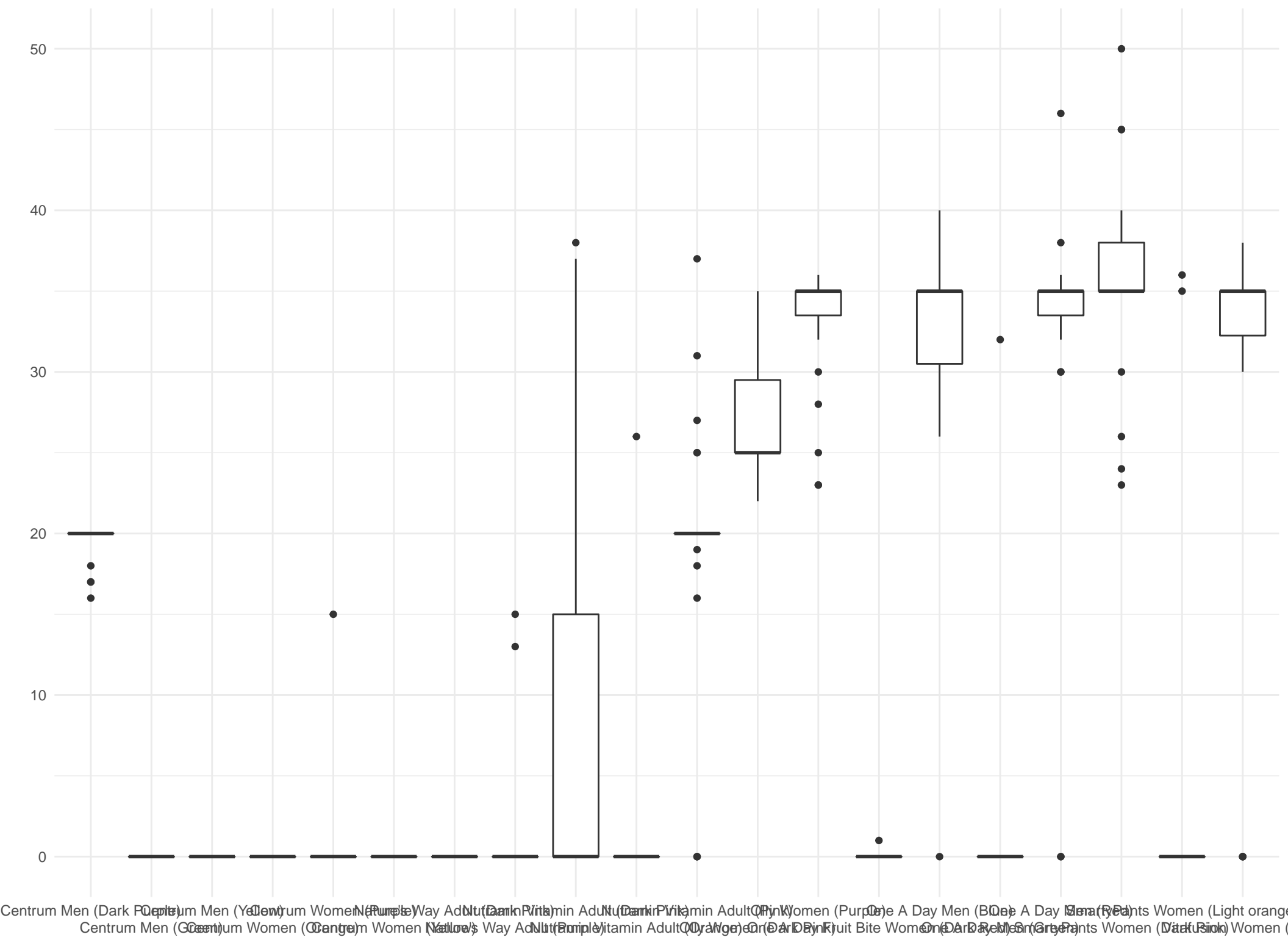
Sweet Taste



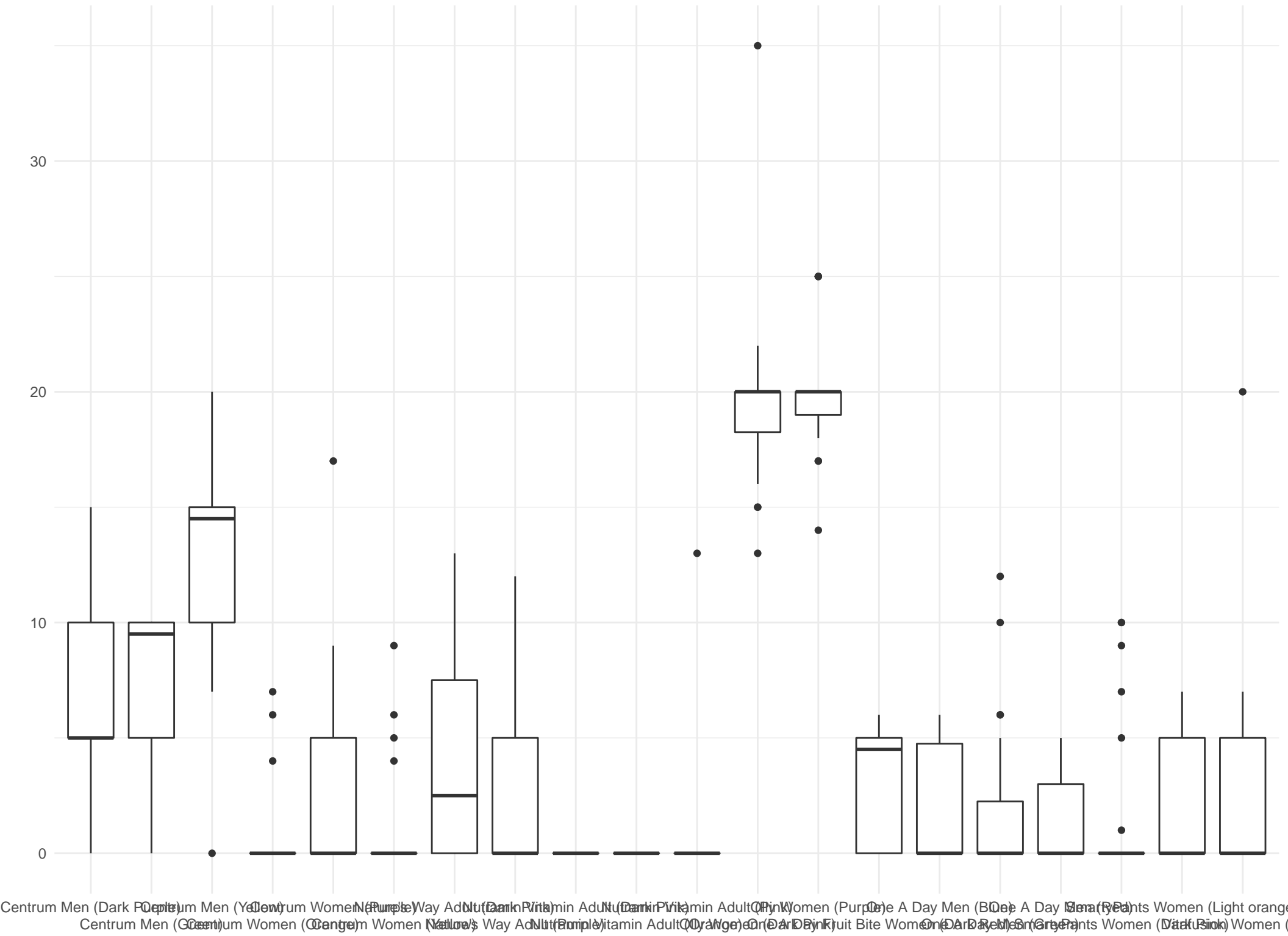
Dissolve Rate



Mixed berry Flavor

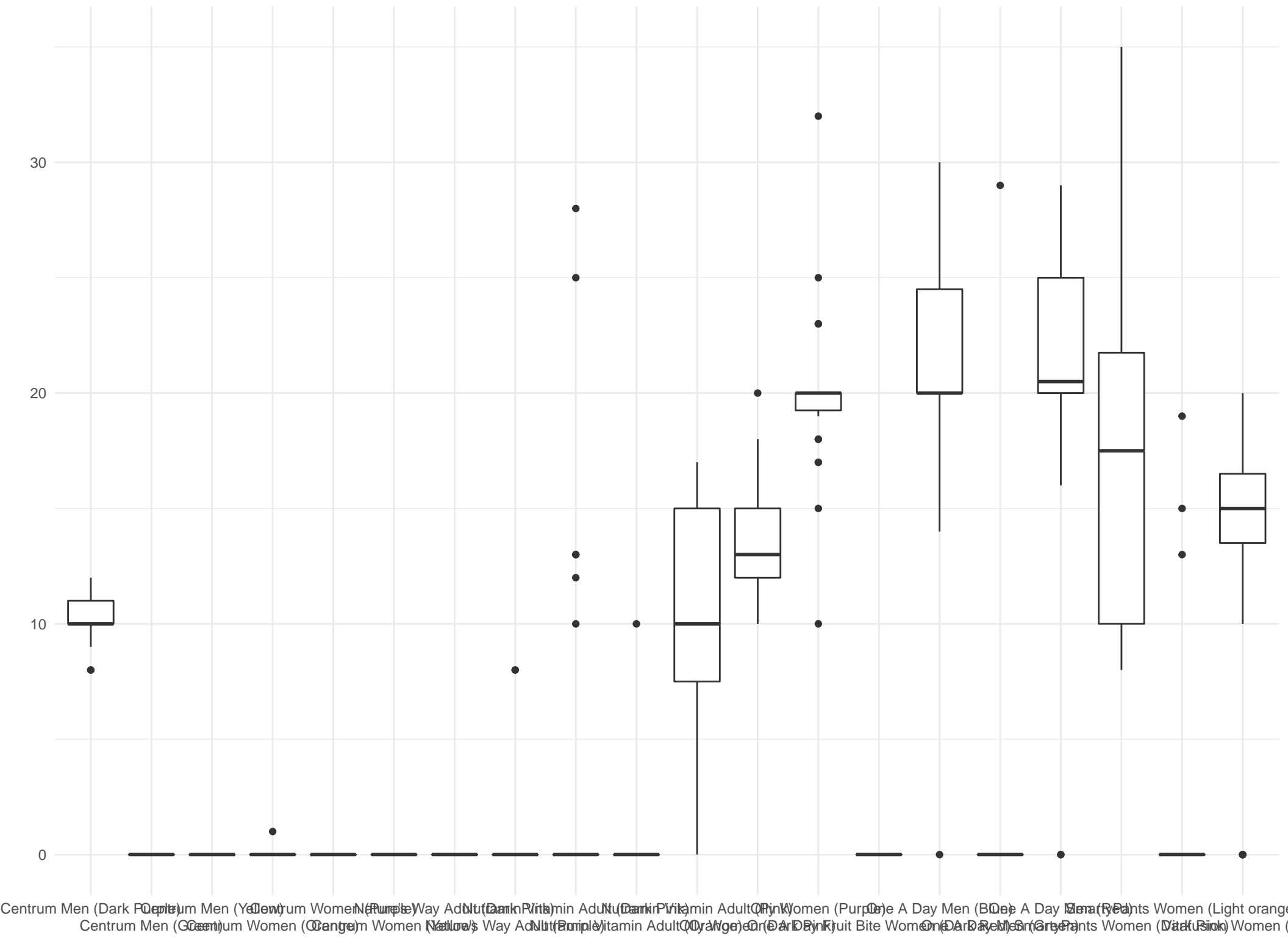


Vitamin Afterflavor

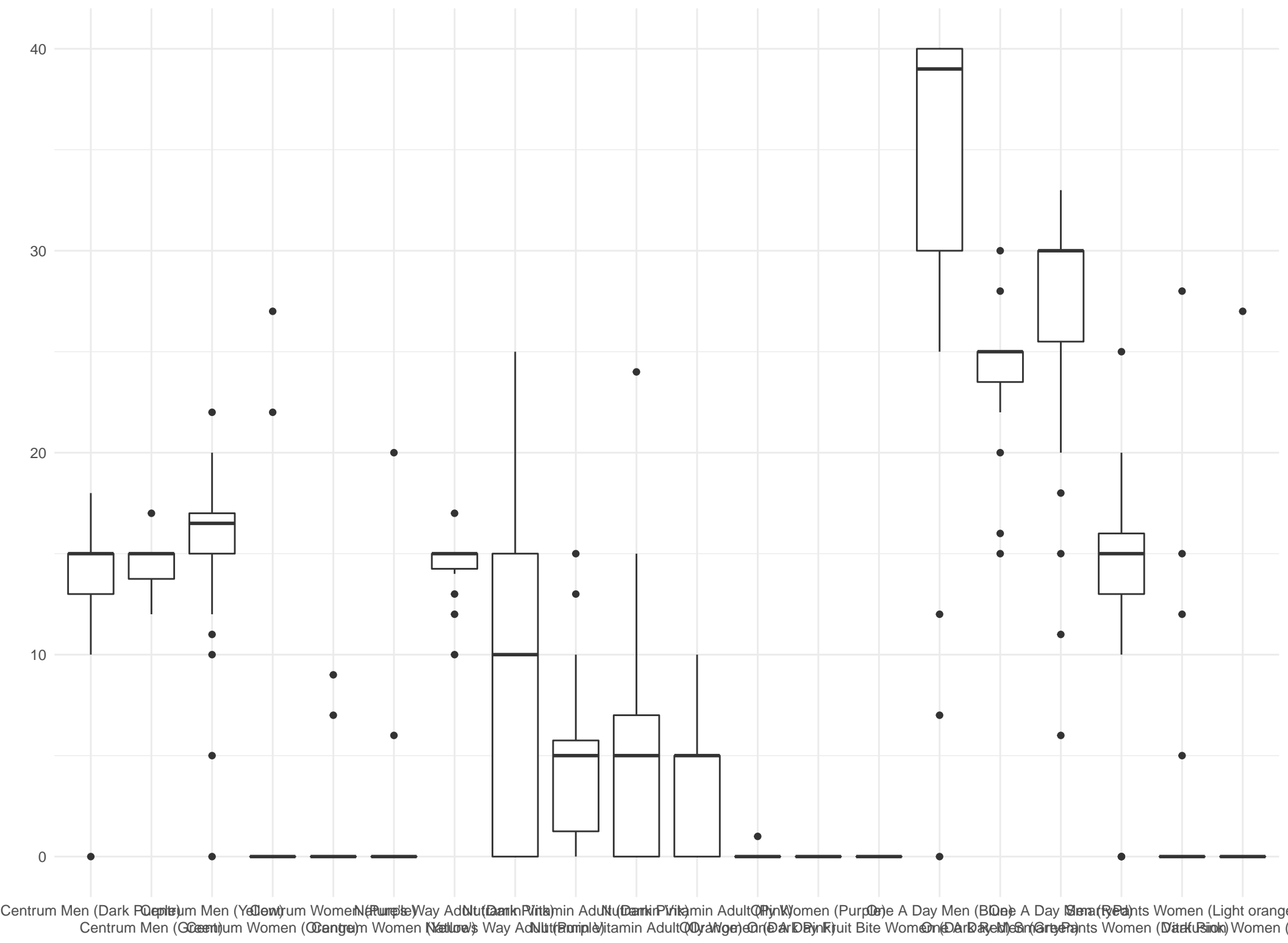


[illegible]

Mixed Berry Afterflavor



Sweet Candy Aroma



Mixed Berry Aroma

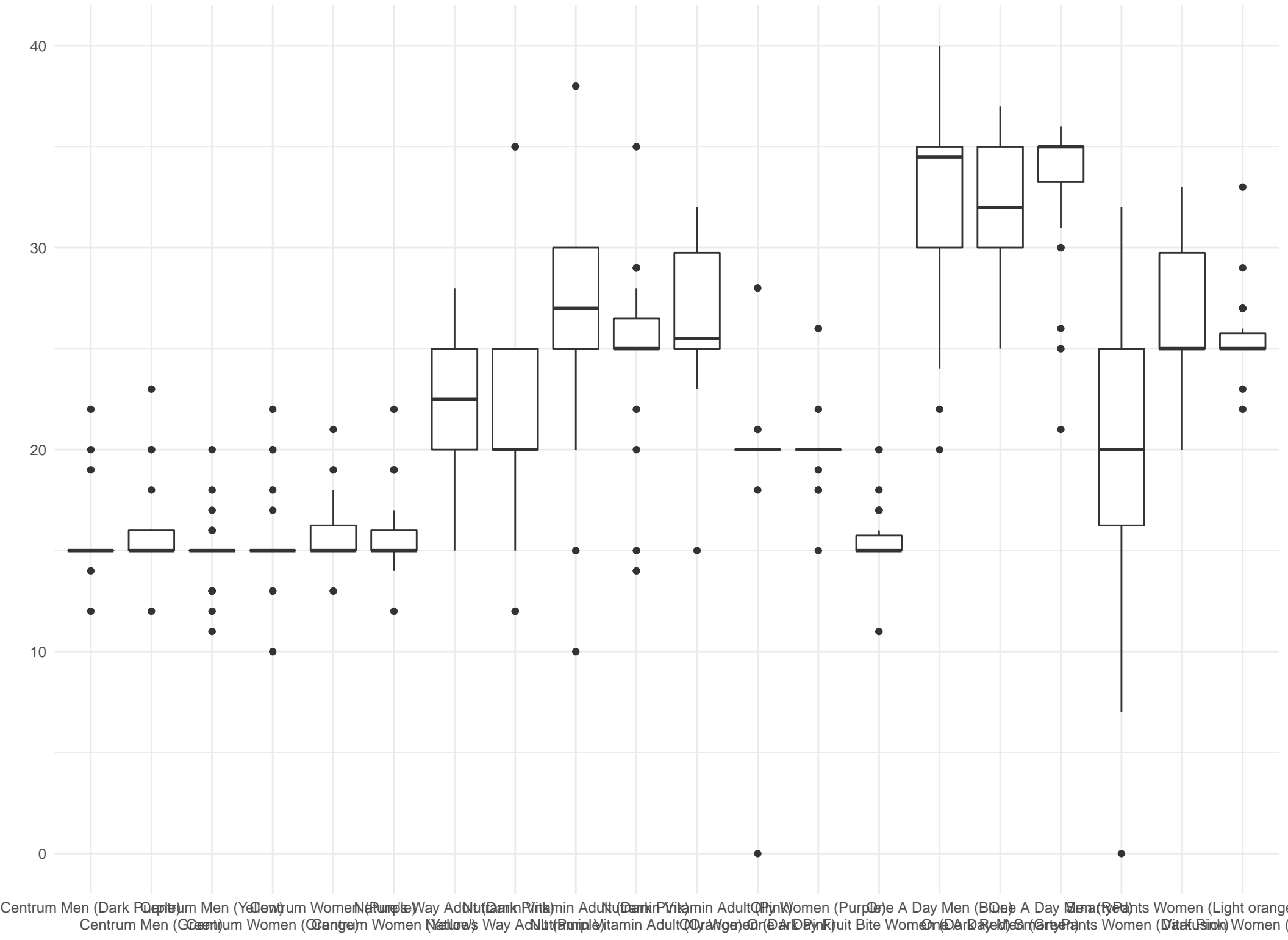
Product Category	Min	Q1	Median	Q3	Max	Outliers
Centrum Men (Dark Purple)	9	15	18	19	21	
Centrum Men (Yellow)	0	0	0	0	0	
Centrum Women (Green)	0	0	0	0	0	1
Centrum Women (Orange)	0	0	0	0	0	
Centrum Women (Purple)	0	0	0	0	0	
One A Day Women (Yellow)	0	0	0	0	0	
One A Day Women (Dark Purple)	0	0	0	7	15	
Nutrilite Vitamin Adult (Dark Purple)	0	0	0	0	0	5, 10, 20, 23, 33
Nutrilite Vitamin Adult (Orange)	0	0	0	0	0	7
One A Day Women (Pink)	0	0	0	0	0	
One A Day Women (Purple)	0	0	0	0	0	
One A Day Men (Blue)	0	0	0	0	0	1
One A Day Men (Dark Blue)	0	0	0	0	0	8, 16, 21, 30, 32, 34, 35
One A Day Men (Grey)	0	0	0	0	0	
One A Day Men (Red)	0	0	0	0	0	
One A Day Men (Light orange)	0	0	0	0	0	
One A Day Men (Dark Pink)	0	0	0	0	0	

Sour Taste

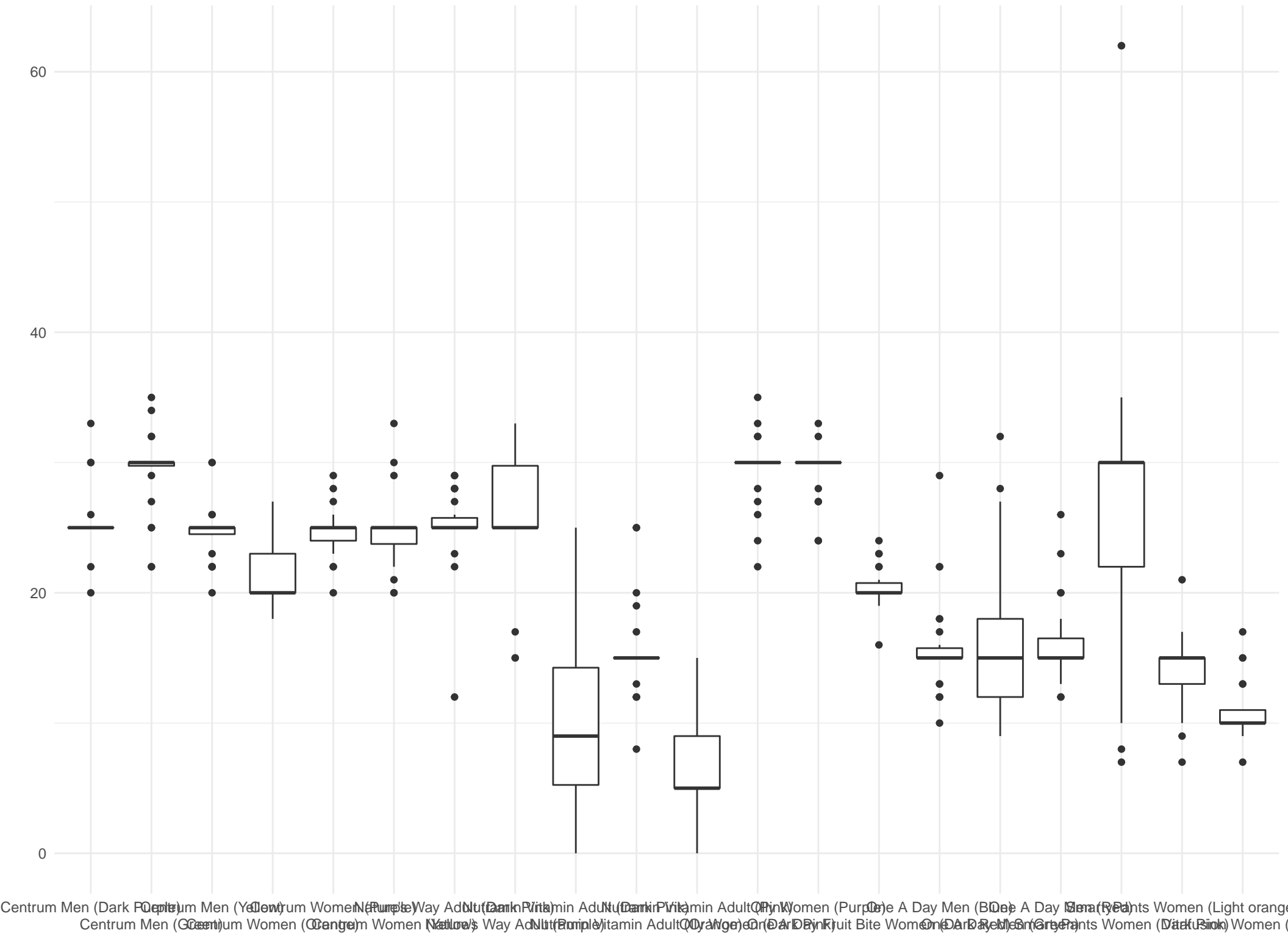
Box plot showing Sour Taste scores for 20 different Centrum product categories. The y-axis represents the score, ranging from 10 to 50. The x-axis lists the product categories. The plot displays the median, quartiles, and outliers for each category.

Product Category	Min	Q1	Median	Q3	Max	Outliers
Centrum Men (Dark Purple)	31	35	36	38	42	
Centrum Men (Green)	30	37	40	38	45	30, 34, 37, 38, 41, 44, 45
Centrum Men (Yellow)	36	39	40	40	42	36, 37, 38, 39, 41, 42
Centrum Women (Orange)	32	35	35	35	37	32, 33, 34, 35, 36, 37, 46
Centrum Women (Center)	32	35	39	40	45	32, 35, 36, 37, 38, 45
Centrum Women (Purple)	35	38	39	40	43	35, 38, 39, 40, 45
One A Day Adult (Dark Purple)	37	40	40	41	43	37, 38, 42, 43, 45
One A Day Adult (Dark Purple)	32	40	40	41	43	32, 33, 34, 37, 42, 43, 45
One A Day Adult (Dark Purple)	35	41	41	41	44	35, 41, 42, 43, 44
One A Day Adult (Dark Purple)	15	15	18	20	23	5
One A Day Adult (Dark Purple)	15	20	24	24	25	21, 22
One A Day Adult (Dark Purple)	13	15	16	17	19	
One A Day Adult (Dark Purple)	36	39	40	41	43	36, 37, 39, 41, 43
One A Day Adult (Dark Purple)	33	36	40	39	42	33, 36, 37, 39
One A Day Adult (Dark Purple)	27	30	31	33	35	
One A Day Adult (Dark Purple)	15	20	25	27	35	
One A Day Adult (Dark Purple)	20	21	25	25	27	10, 15
One A Day Adult (Dark Purple)	15	20	22	25	27	
One A Day Adult (Dark Purple)	33	40	42	45	52	
One A Day Adult (Dark Purple)	22	27	28	30	32	19, 22, 23, 24, 25, 26, 28, 29, 30

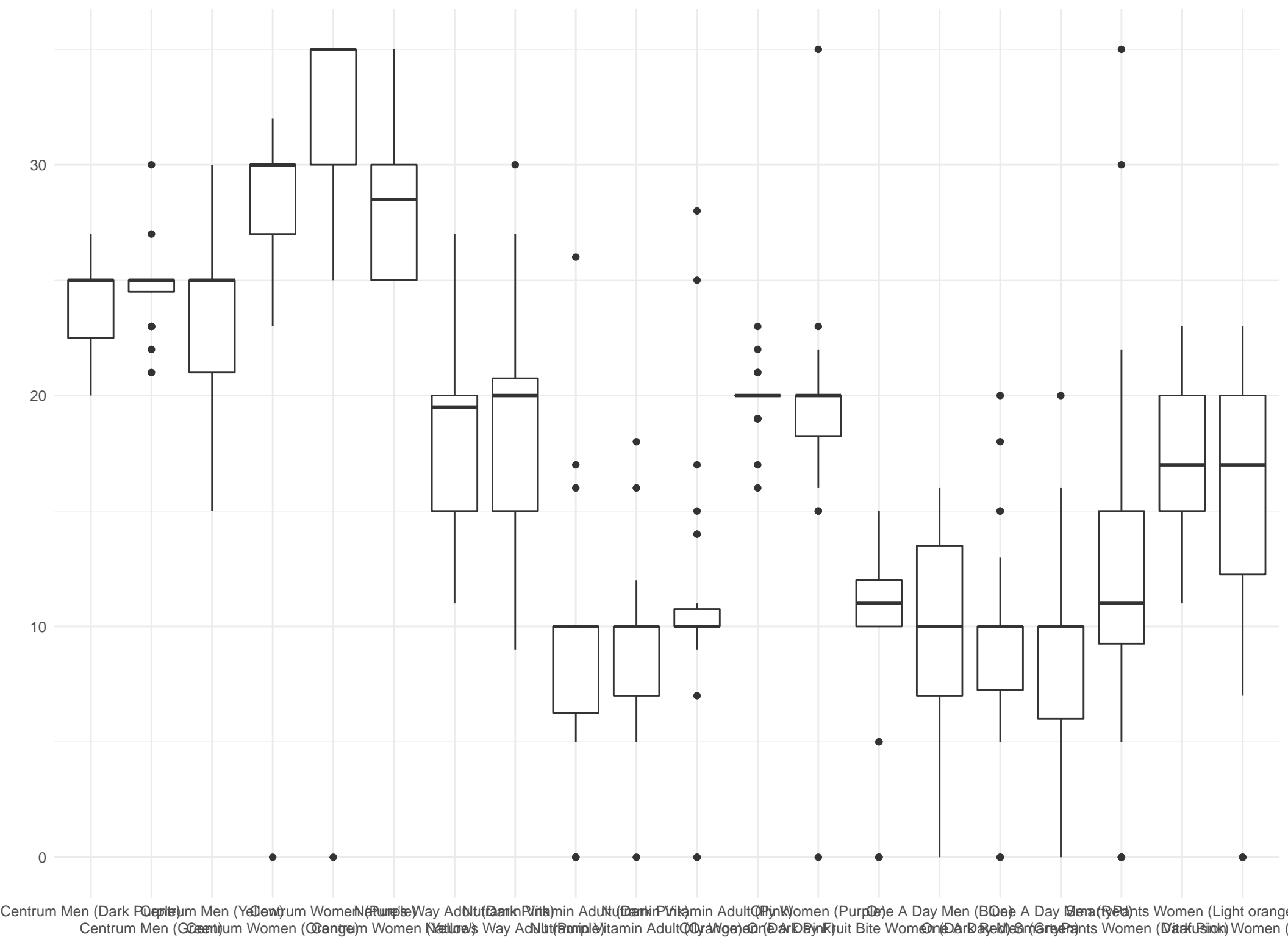
Sweet Aftertaste



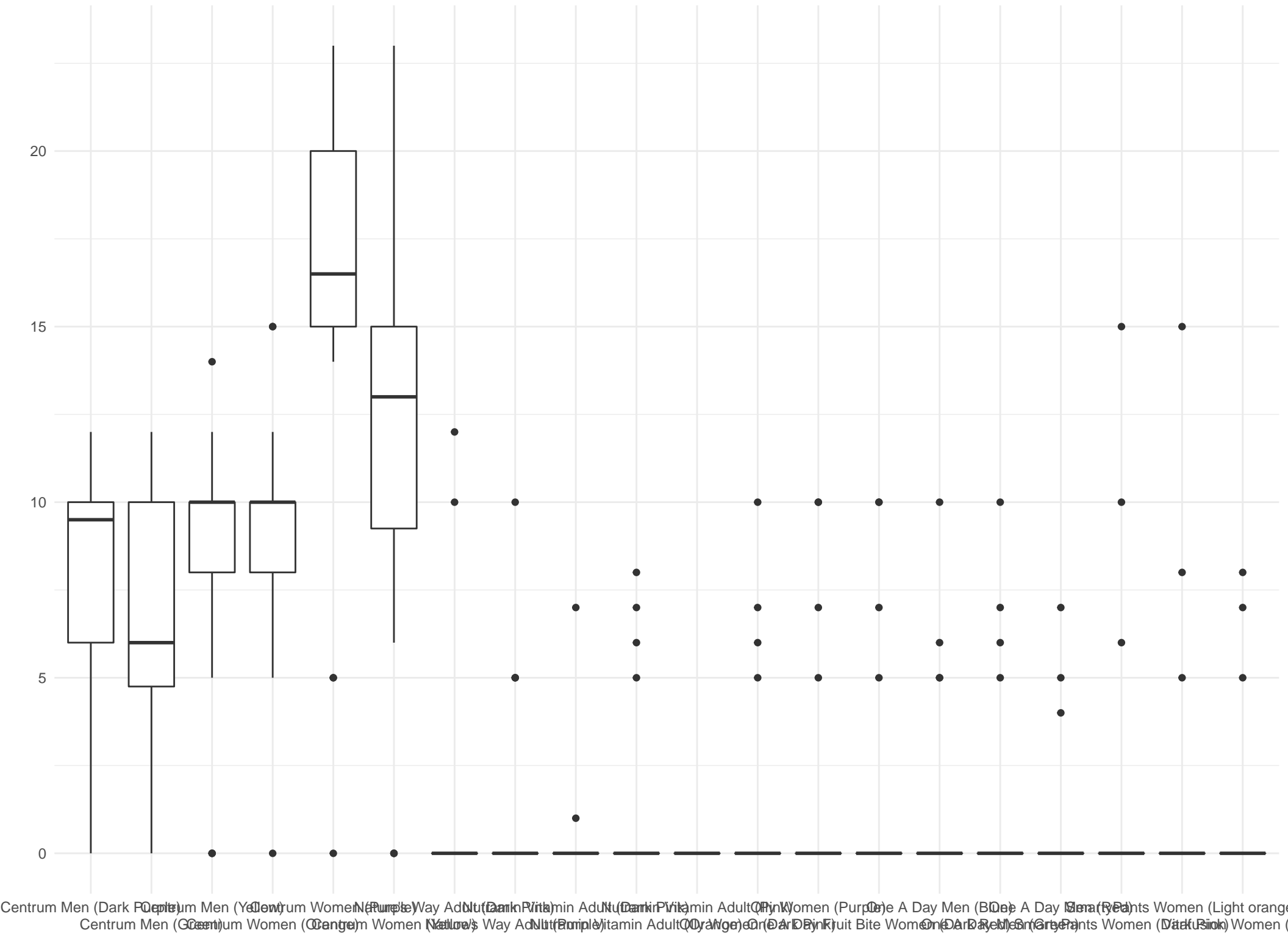
Sour Aftertaste



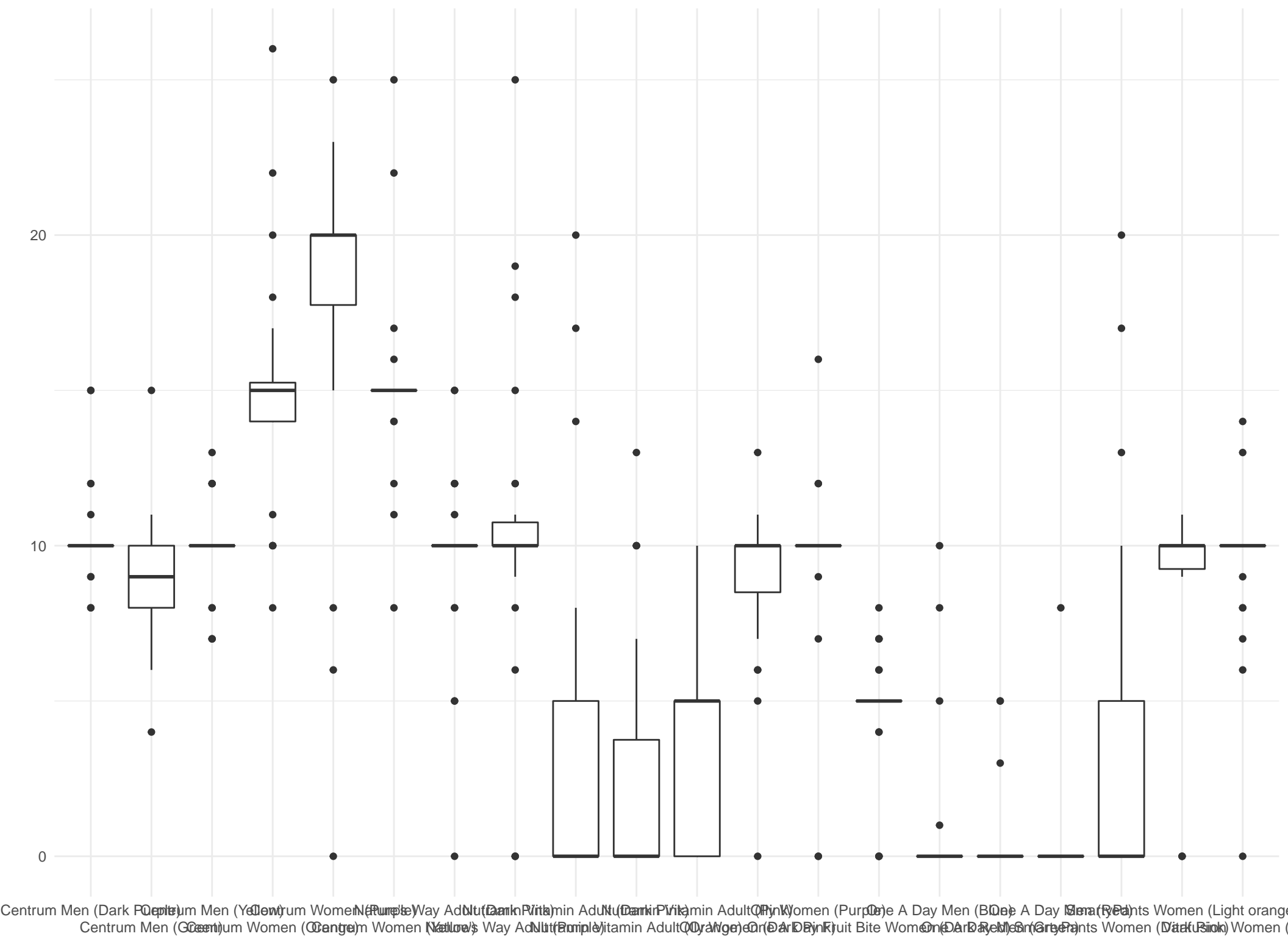
Astringent Afterfeel



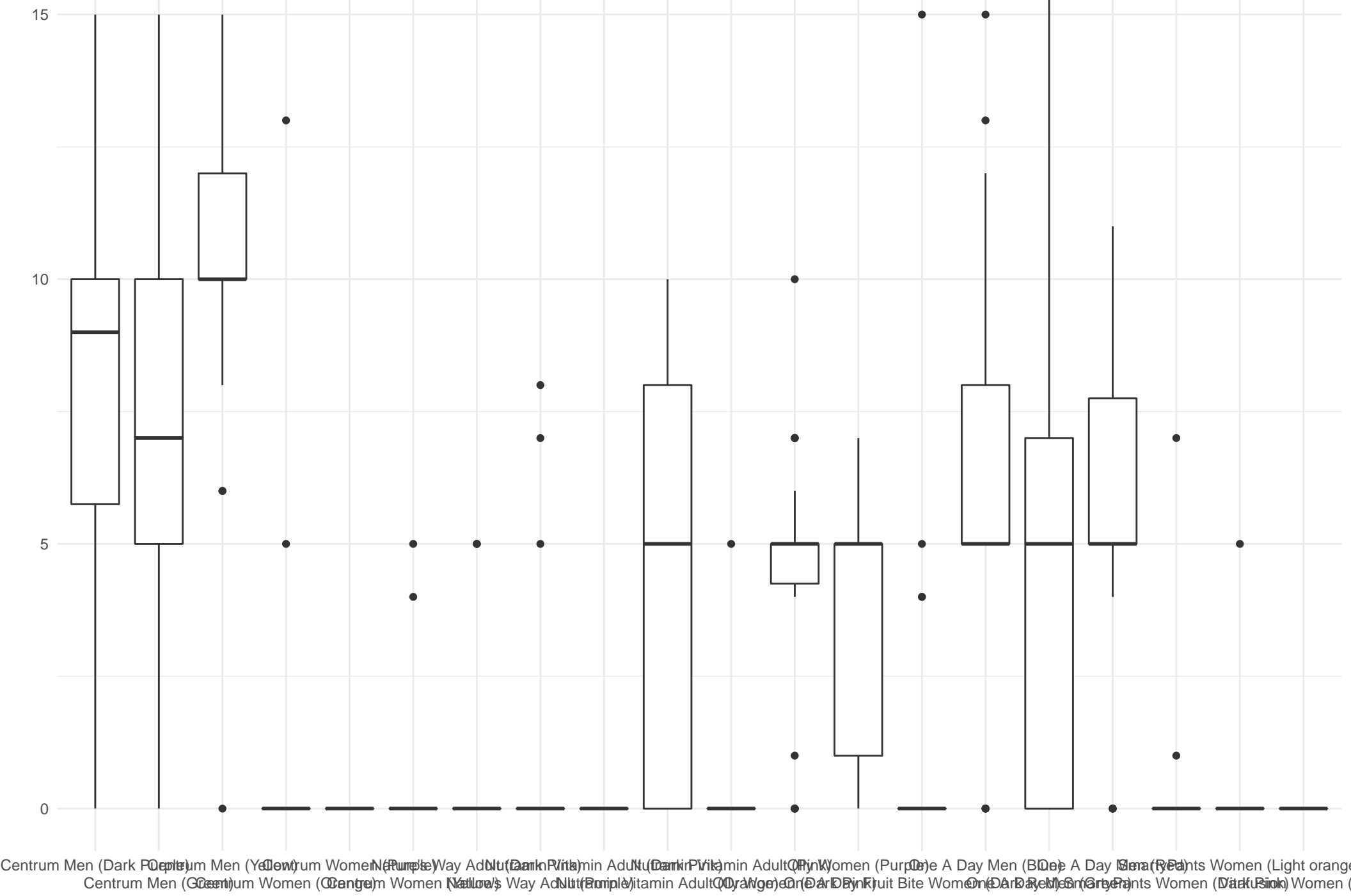
Metallic Aftertaste



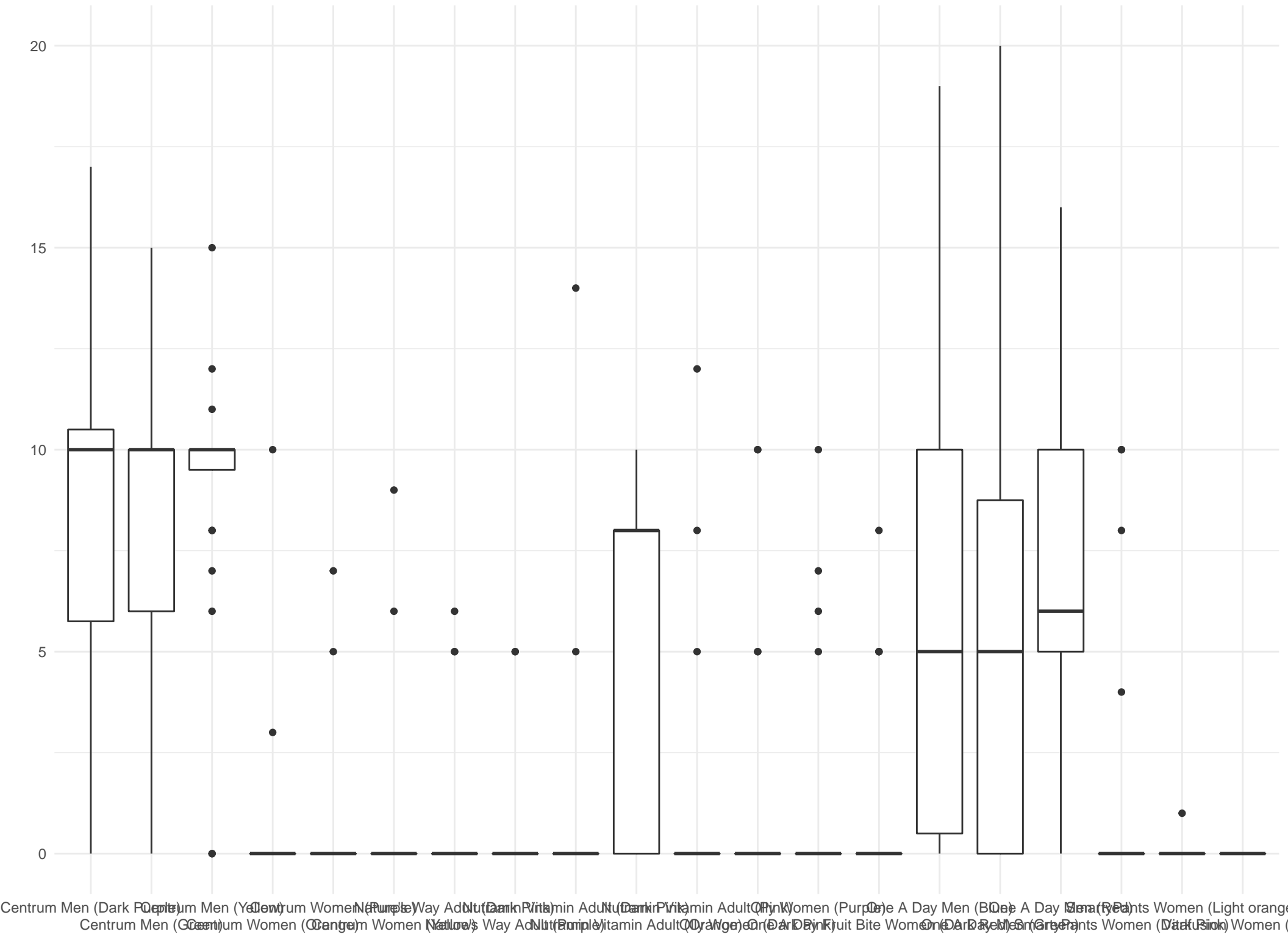
Astringent



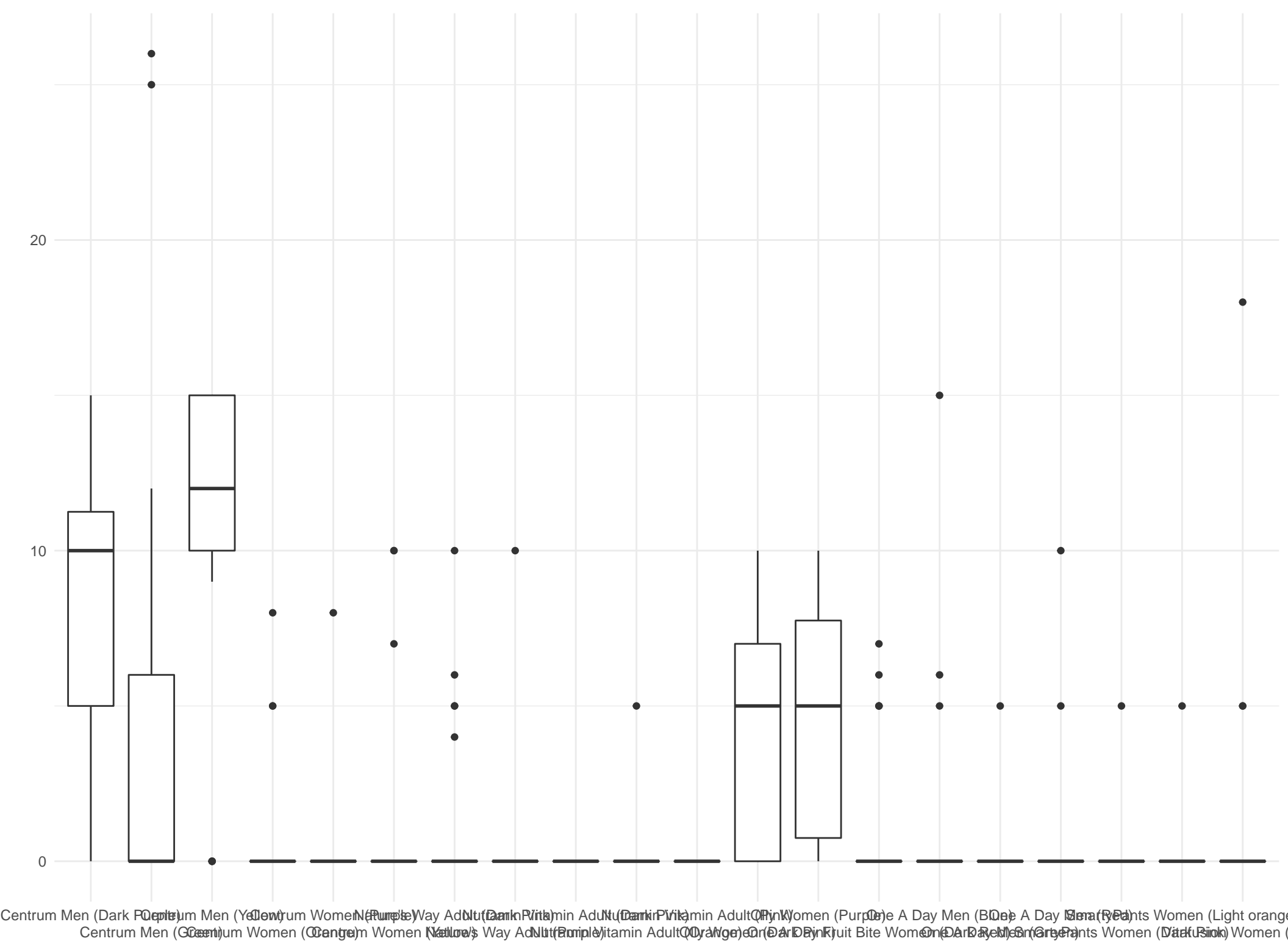
Bitter Taste



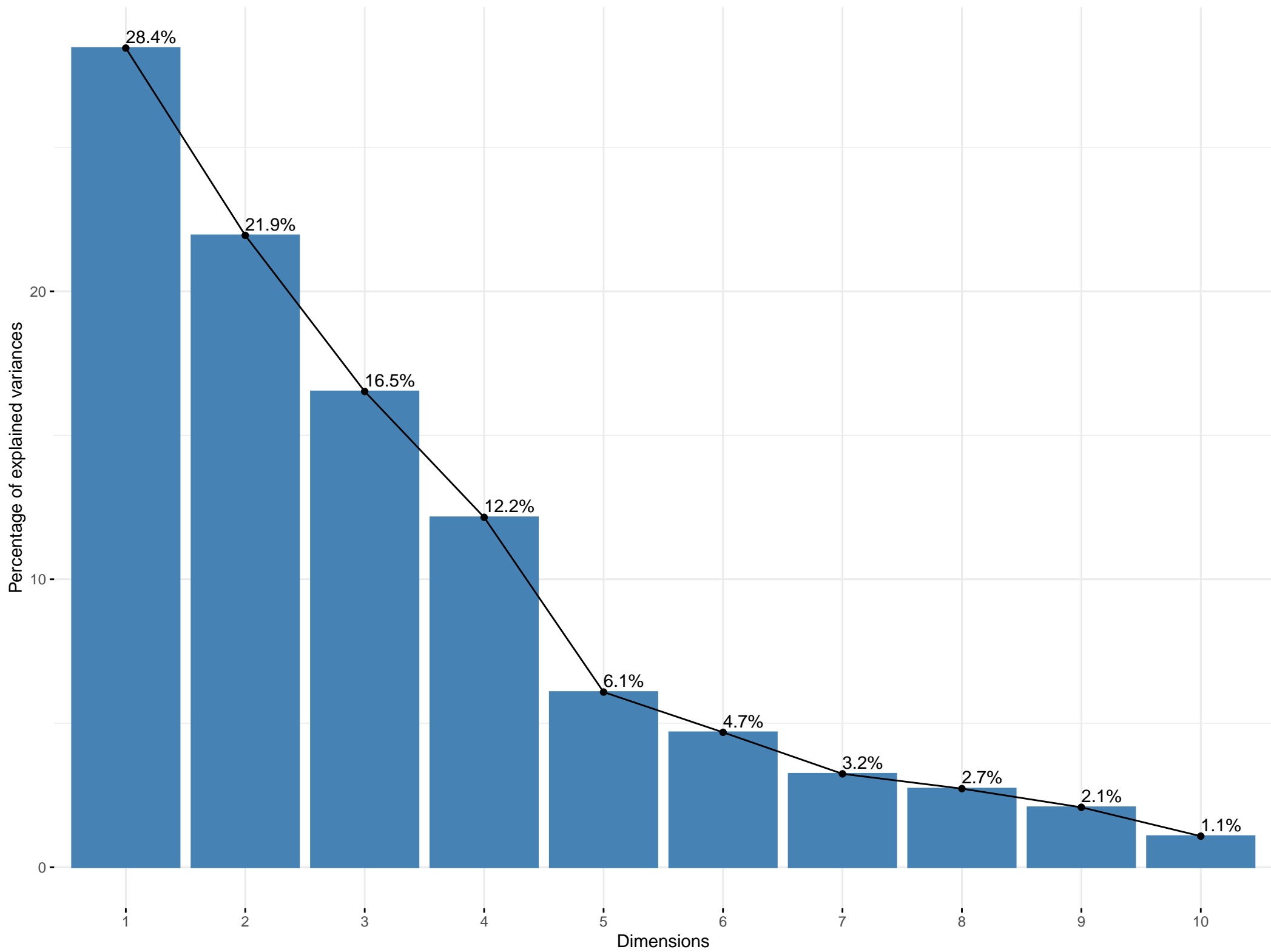
Bitter Aftertaste



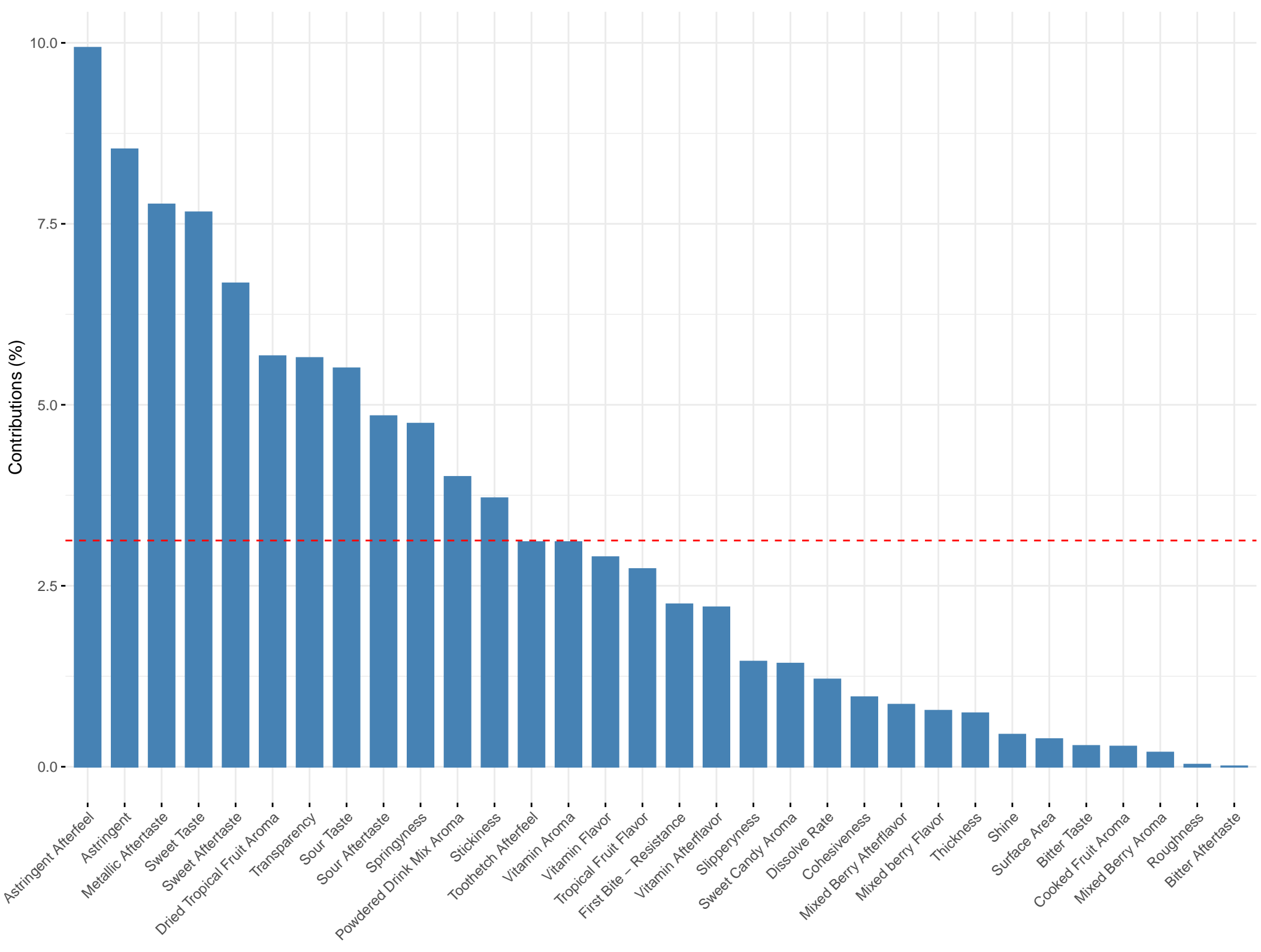
Toothetch Afterfeel



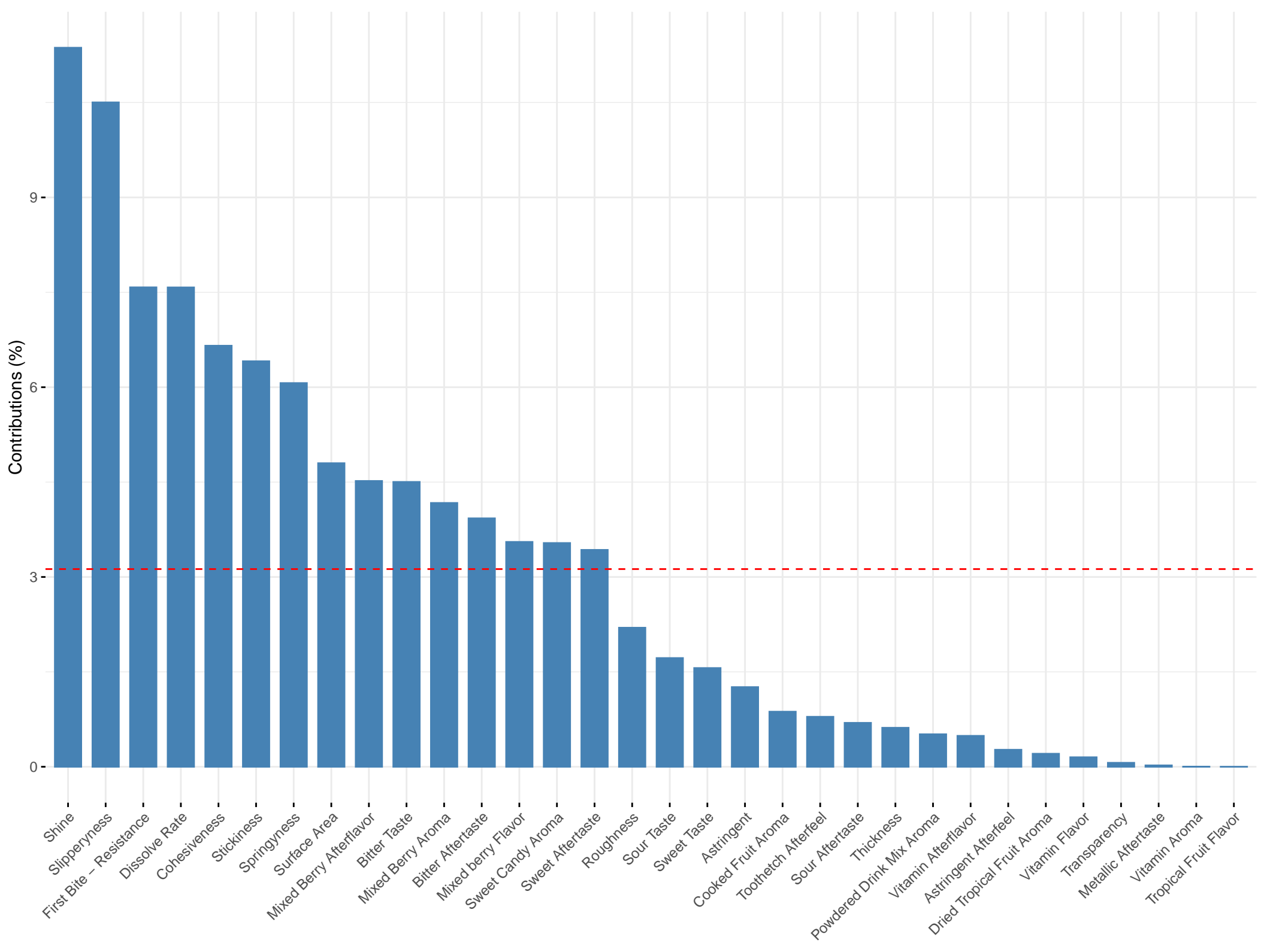
Scree plot



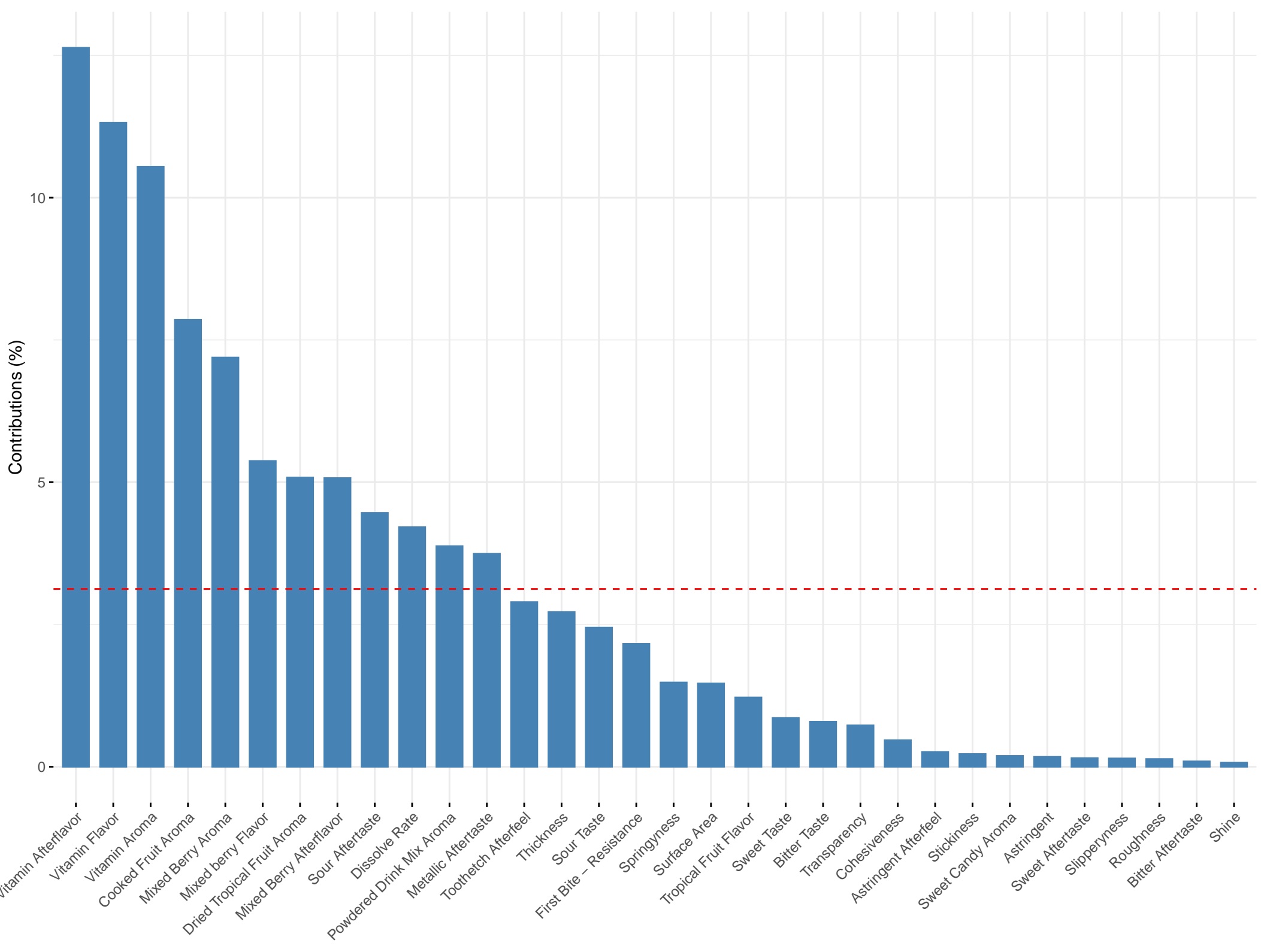
Contribution of variables to Dim-1



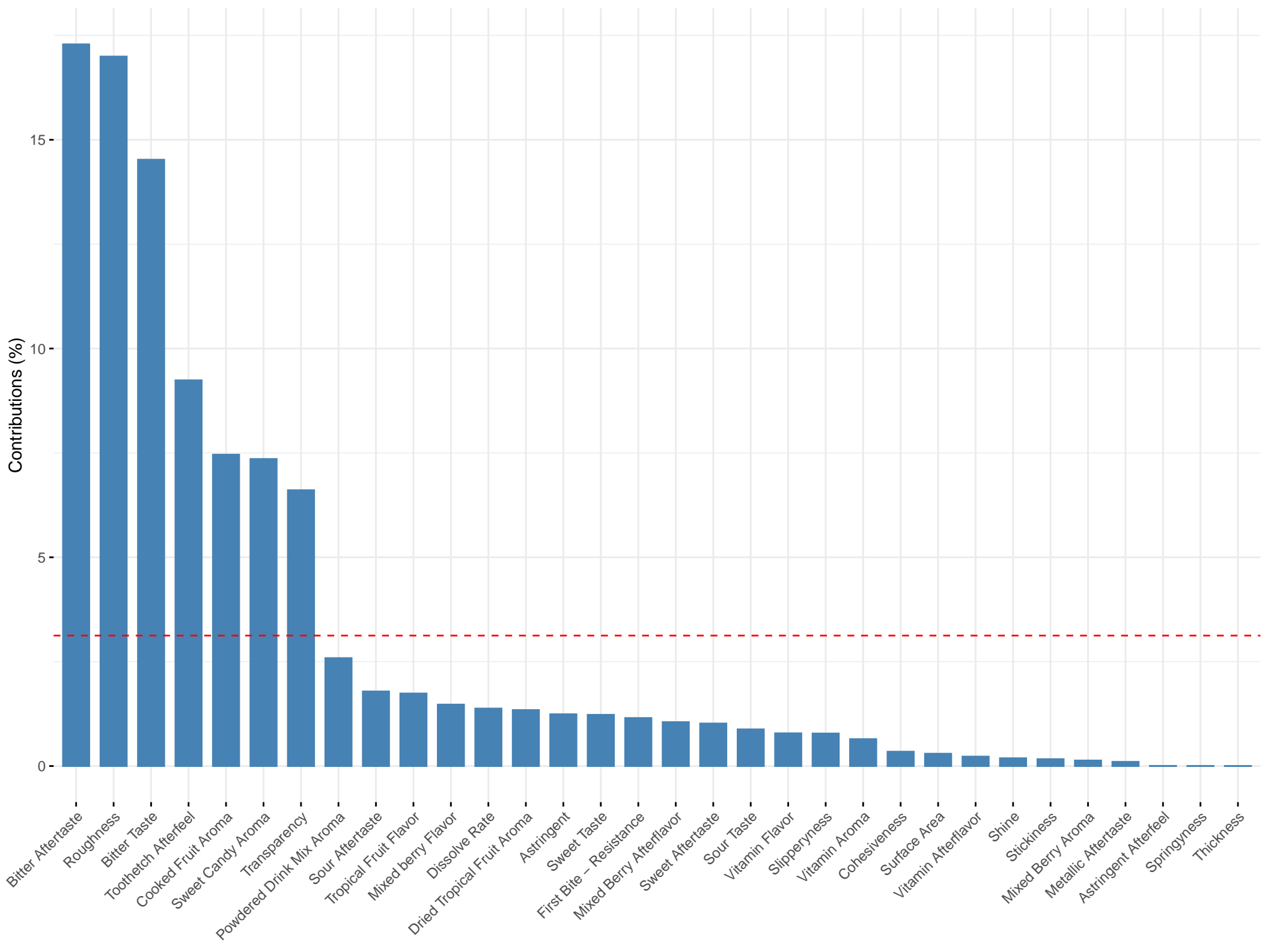
Contribution of variables to Dim-2



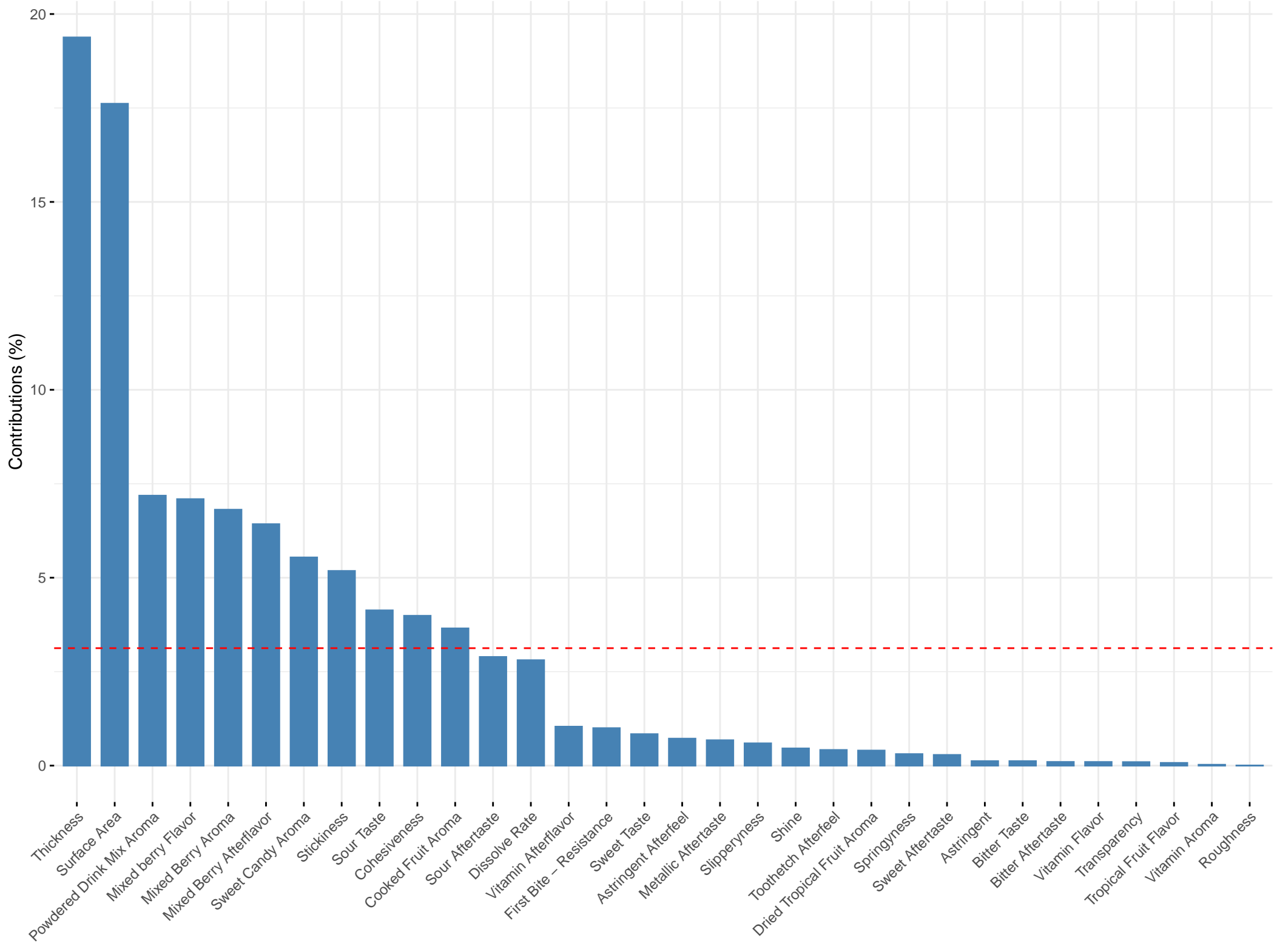
Contribution of variables to Dim-3



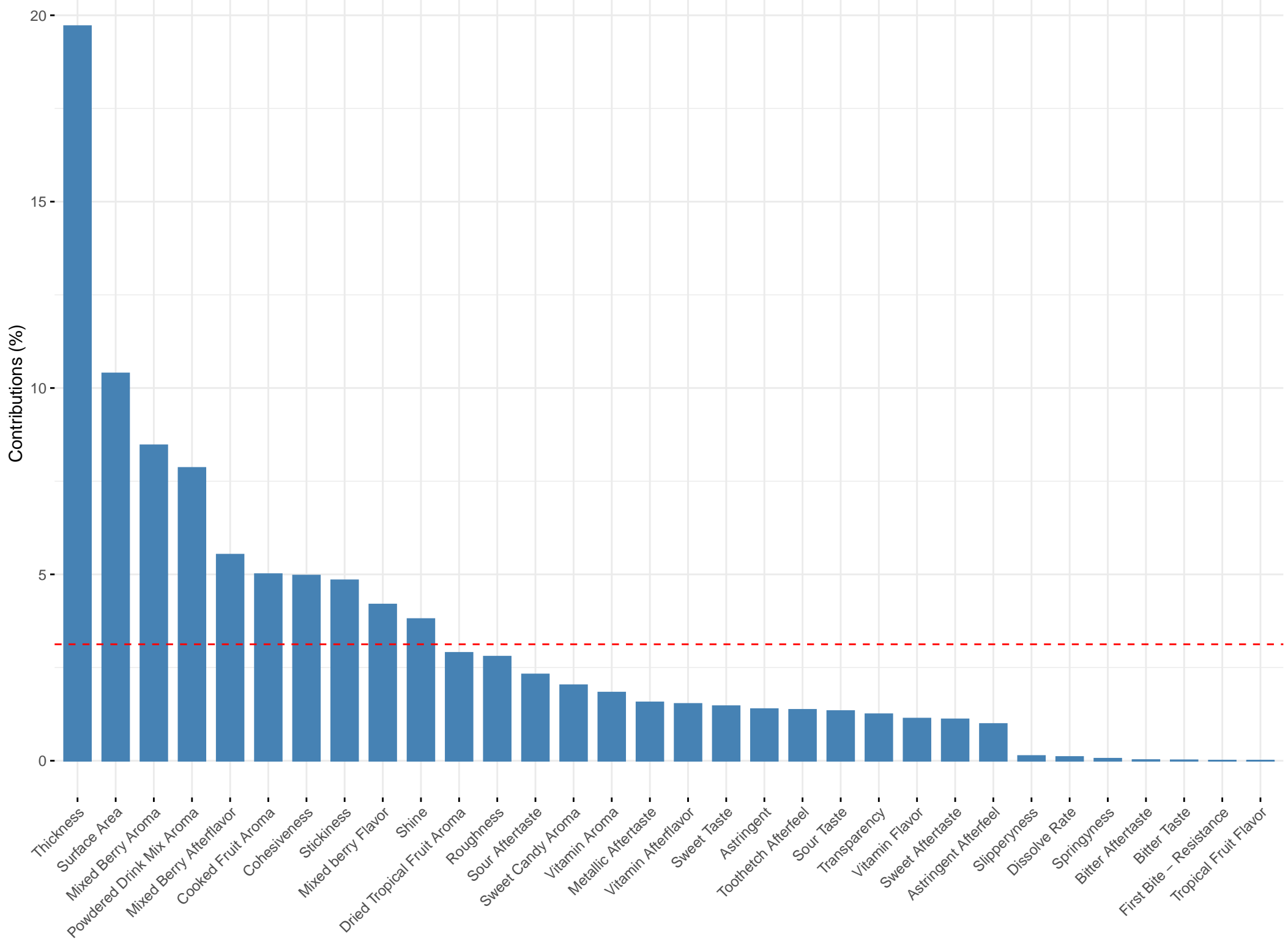
Contribution of variables to Dim-4



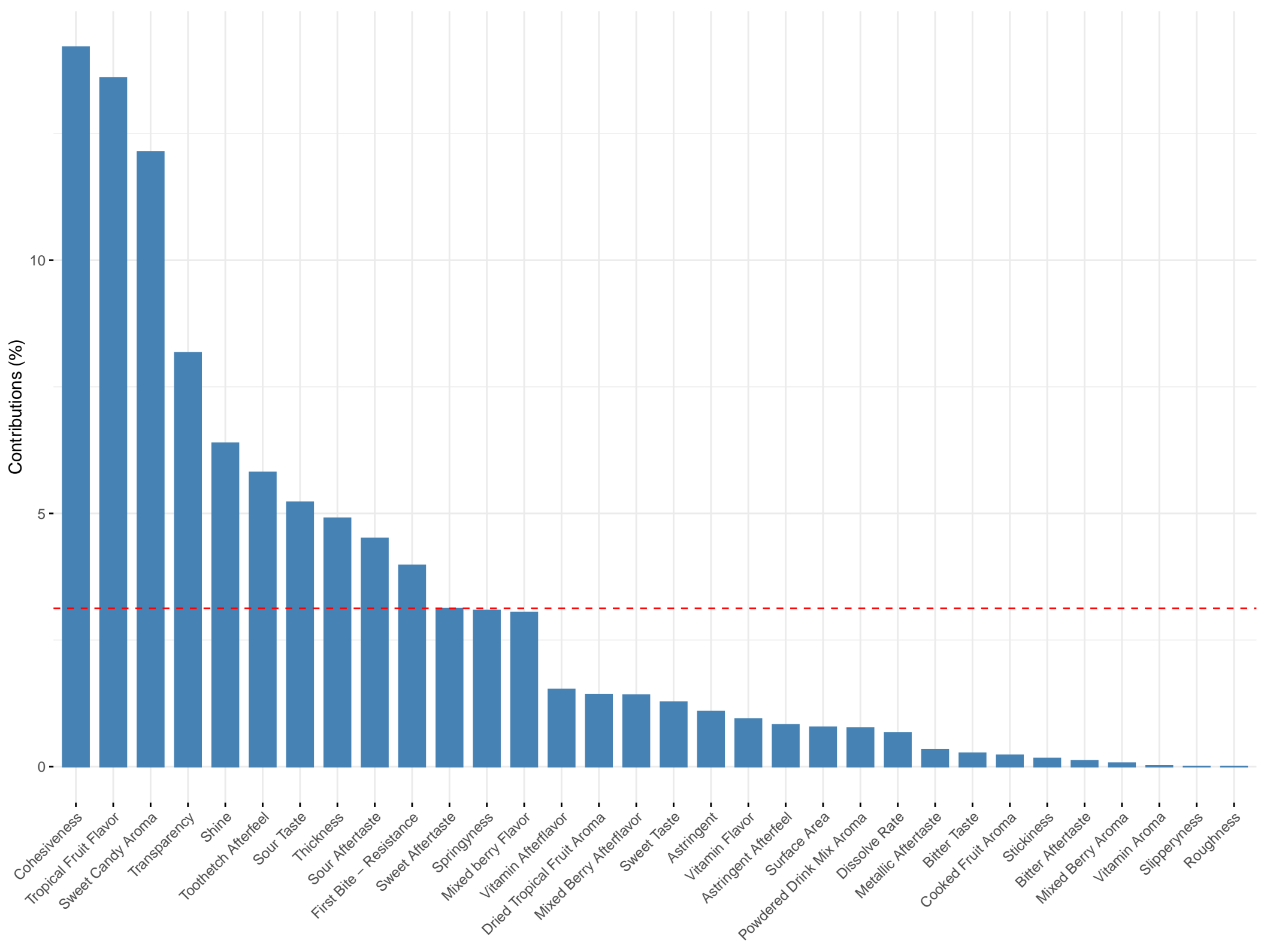
Contribution of variables to Dim-5



Contribution of variables to Dim-6



Contribution of variables to Dim-7



Contribution of variables to Dim-8

