*Twin Research and Human Genetics*

Food Preference Patterns in a UK Twin Cohort

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| **Supplementary Table S1.** Rotated component matrix for liking-disliking of food preference variables. |
| Preference variable | F&V | Tastes | Sweet | Meat | Preference variable | F&V | Tastes | Sweet | Meat | Preference variable | F&V | Tastes | Sweet | Meat |
| *Strawberries* | **0.235** | -0.079 | 0.025 | 0.045 | *Gherkins* | 0.018 | **0.221** | 0.006 | -0.037 | *Pizza* | -0.001 | 0.051 | **0.199** | 0.011 |
| *Spinach/ greens* | **0.233** | 0.045 | -0.108 | 0.021 | *Blue cheese* | -0.001 | **0.206** | -0.006 | -0.024 | *Chips* | -0.052 | 0.020 | **0.189** | 0.099 |
| *Melon* | **0.232** | -0.042 | -0.003 | 0.039 | *Curries* | -0.017 | **0.203** | 0.023 | 0.025 | *Cornflakes* | 0.053 | -0.085 | **0.182** | 0.038 |
| *Raw carrot* | **0.223** | -0.003 | -0.025 | -0.012 | *Garlic* | 0.063 | **0.192** | -0.017 | 0.027 | *Ketchup* | -0.014 | 0.049 | **0.181** | -0.005 |
| *Pineapple* | **0.223** | -0.035 | 0.032 | -0.016 | *Red wine* | -0.041 | **0.191** | -0.011 | 0.071 | *White potato* | 0.112 | -0.044 | 0.157 | 0.059 |
| *Banana* | **0.223** | -0.079 | 0.059 | 0.004 | *Aubergine* | 0.068 | **0.181** | -0.033 | -0.042 | *Whole milk* | -0.075 | 0.062 | 0.151 | -0.028 |
| *Pear* | **0.220** | -0.021 | 0.024 | -0.024 | *Soy sauce* | -0.013 | **0.179** | 0.084 | 0.035 | *White rice* | 0.059 | 0.006 | 0.143 | 0.038 |
| *Cherries* | **0.210** | 0.011 | 0.017 | -0.010 | *Fresh coriander* | 0.081 | **0.173** | -0.051 | -0.041 | *Tortilla chips or crisps* | -0.035 | 0.089 | 0.136 | 0.041 |
| *Fresh tomatoes* | **0.197** | 0.015 | -0.041 | 0.024 | *Beer* | -0.098 | **0.172** | 0.041 | 0.034 | *Fried fish* | -0.022 | 0.028 | 0.135 | 0.160 |
| *Tuna or salmon* | **0.197** | 0.009 | -0.091 | 0.106 | *Salty pretzels* | -0.085 | **0.168** | 0.156 | -0.056 | *Butter/ margarine* | -0.021 | 0.049 | 0.133 | 0.094 |
| *Beetroot* | **0.186** | 0.050 | -0.007 | -0.038 | *Vodka, gin, scotch* | -0.075 | **0.168** | 0.019 | 0.089 | *Savoury biscuits* | 0.083 | 0.018 | 0.133 | 0.029 |
| *Porridge* | **0.185** | -0.001 | 0.052 | -0.075 | *Black pepper* | 0.075 | **0.165** | -0.028 | 0.030 | *Coffee/tea with sugar* | -0.080 | 0.029 | 0.131 | -0.022 |
| *Broccoli* | **0.166** | 0.047 | -0.075 | 0.006 | *Salad dressing* | 0.060 | 0.152 | 0.071 | 0.002 | *Mayonnaise* | 0.014 | 0.075 | 0.124 | 0.051 |
| *Asparagus* | 0.146 | 0.143 | -0.074 | 0.006 | *Vinegar* | 0.027 | 0.146 | 0.074 | -0.008 | *Cheddar cheese* | 0.070 | 0.010 | 0.121 | 0.061 |
| *Lentils/ beans* | 0.145 | 0.138 | 0.004 | -0.096 | *Extra virgin olive oil* | 0.127 | 0.143 | -0.028 | -0.002 | *Pasta/ noodles* | 0.102 | 0.036 | 0.111 | 0.024 |
| *Wholemeal bread* | 0.143 | 0.026 | 0.054 | -0.028 | *Black coffee* | -0.042 | 0.135 | -0.028 | 0.026 | *Beef steak* | -0.010 | -0.001 | -0.044 | **0.349** |
| *Hot tea* | 0.132 | -0.029 | 0.047 | 0.016 | *Lemon* | 0.121 | 0.128 | 0.028 | -0.020 | *Chargrilled meats* | -0.016 | 0.026 | -0.037 | **0.345** |
| *Orange juice* | 0.129 | -0.049 | 0.123 | 0.029 | *Raw onion* | 0.030 | 0.120 | 0.024 | 0.019 | *Pork chops* | 0.016 | -0.027 | -0.012 | **0.332** |
| *High fibre bar* | 0.127 | -0.050 | 0.123 | -0.025 | *Dark chocolate* | 0.060 | 0.077 | 0.028 | -0.046 | *Ham* | 0.070 | -0.076 | 0.008 | **0.326** |
| *Plain yoghurt* | 0.126 | 0.103 | 0.014 | -0.097 | *Biscuits/cakes/pastries* | 0.042 | -0.083 | **0.261** | -0.036 | *Crispy bacon* | -0.046 | 0.027 | -0.010 | **0.305** |
| *Sautéed mushrooms* | 0.124 | 0.072 | 0.003 | 0.071 | *Soft/ sweet drinks* | -0.080 | 0.003 | **0.261** | -0.028 | *Baked chicken* | 0.100 | -0.042 | -0.036 | **0.286** |
| *Unsalted nuts* | 0.123 | 0.056 | 0.042 | -0.049 | *Cake icing* | -0.027 | -0.031 | **0.259** | -0.063 | *Sausage* | -0.039 | 0.012 | 0.071 | **0.273** |
| *Grapefruit* | 0.092 | 0.046 | 0.039 | -0.008 | *Jam/ jelly* | 0.050 | -0.040 | **0.236** | -0.012 | *Fried chicken* | -0.099 | 0.019 | 0.105 | **0.238** |
| *Skimmed milk* | 0.085 | -0.006 | 0.026 | -0.006 | *Cheesecake* | 0.065 | -0.039 | **0.217** | -0.043 | *Prawns & shellfish* | 0.022 | 0.132 | -0.114 | **0.188** |
| *Chili pepper* | -0.055 | **0.288** | -0.028 | -0.024 | *Ice cream* | 0.058 | -0.059 | **0.212** | 0.001 | *Eggs* | 0.126 | -0.034 | 0.014 | 0.136 |
| *Burn of spicy foods* | -0.091 | **0.260** | -0.024 | -0.003 | *Bagels/ rolls* | 0.030 | 0.043 | **0.210** | -0.014 | *White wine* | -0.008 | 0.108 | 0.027 | 0.110 |
| *Horseradish/ wasabi* | 0.006 | **0.247** | -0.016 | -0.034 | *Sweet coffee drinks* | -0.083 | 0.034 | **0.206** | -0.034 | *Salting food* | -0.107 | 0.098 | 0.075 | 0.100 |
| *Olives* | 0.045 | **0.244** | -0.051 | -0.054 | *Diet soft drinks* | -0.067 | 0.017 | **0.206** | -0.054 |  |  |  |  |  |