**Supplementary materials**

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| **Table 1** Description and categories of photographic food stimuli in Food Preference test |
| **HFSA** | **LFSA** | **HFSW** | **LFSW** |
| Roast chicken wing | Snack mix | Moon cakes | Gummi candy |
| Pistachios | Spaghetti | Fruit cake | Strawberries |
| Chips | Spiced corned egg | Filled chocolates | Fruits |
| Peking duck | Shrimp | Matcha tiramisu | Peaches |
| Roast sausage | Potato wedges | Shortbread cookies | Banana |
| HFSA: high-fat savory; LFSA: low-fat savory; HFSW: high-fat sweet; LFSW: low-fat sweet |

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| **Table 2** Description and categories of photographic food stimuli in Macronutrient and Taste Preference Ranking task |
| **HCSW** | **HCSA** | **HFSW** | **HFSA** | **HPSA** | **LESW** | **LESA** |
| Moon cakes | Snack mix | Macaron | Peking duck | Roasted chicken | Strawberries | Salad |
| Fruit cake | Spaghetti | Filled chocolates | Pistachio | Salmon | Apple | Tomatoes |
| Filled waffles | Fried prawn crackers | Brownie with nuts | Chips | Spiced corned egg | Banana | Mixed vegetables |
| Gummi candy | Rice waffles | Matcha Tiramisu | Walnut | Ham cut | Peaches | Mixed salad |
|  |  |  |  | Steak |  |  |
|  |  |  |  | Sushi rolls |  |  |
|  |  |  |  | Shrimp |  |  |
|  |  |  |  | Fried chicken cutlet |  |  |
| HCSW: high-carbohydrate sweet; HCSA: high-carbohydrate savory; HFSW: high-fat sweet; HFSA: high-fat savory; HPSA: high- protein savory; LESW: low- energy sweet; LESA: low- energy savory |