# Supplementary Material S4

## Food item identification analysis

For each image and model, the five most frequent food-item combinations returned across 500+ independent queries are shown. Items are listed as identified by each model (lowercased, sorted alphabetically within each query). Misidentifications relative to the known meal content are highlighted in the notes.

### IMG-20260410-WA0016.jpg

**Actual contents:** Breakfast burrito (two halves). User-measured carb count.

**claude-sonnet-4-6** (510 queries, 125 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 13.3% | 68 | cheese (shredded, likely cheddar or mozzarella) + diced tomatoes (cooked/roasted) + flour tortilla (large, burrito-size) + ground meat (beef or pork, cooked) + sautéed spinach + scrambled eggs |
| 8.0% | 41 | cheese (shredded, likely cheddar or mozzarella) + flour tortilla (large, burrito-size) + ground meat (beef or pork, cooked) + red bell pepper (cooked) + scrambled eggs + spinach (cooked/wilted) |
| 6.9% | 35 | cheese (shredded, likely cheddar or similar) + diced tomatoes or red bell pepper + flour tortilla wrap (large) |

| Frequency | Count | Items identified |
|---|---|---|
| | | + ground meat (beef or pork) + sautéed spinach or leafy greens + scrambled eggs |
| 4.3% | 22 | cheese (shredded, likely cheddar or similar) + diced tomatoes or red bell pepper (cooked) + flour tortilla (large, burrito-size) + ground meat (beef or pork, cooked) + sautéed spinach or leafy greens + scrambled eggs |
| 4.1% | 21 | cheese (shredded, likely cheddar or mozzarella) + diced tomatoes (cooked/ roasted) + flour tortilla (large, burrito-size) + ground meat (beef or pork, cooked) + scrambled eggs + spinach (cooked/ wilted) |

**gemini-2.5-pro** (500 queries, 23 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 34.6% | 173 | breakfast wraps |
| 22.2% | 111 | vegetable and egg wrap |
| 17.6% | 88 | breakfast wrap |
| 8.6% | 43 | vegetable and egg wraps |
| 4.6% | 23 | breakfast wrap with eggs and vegetables |

**gemini-3.1-pro-preview** (500 queries, 19 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 42.4% | 212 | breakfast wrap with egg and spinach |
| 36.2% | 181 | breakfast wrap with egg, spinach, and peppers |
| 8.2% | 41 | breakfast wrap with egg, spinach, and vegetables |
| 3.4% | 17 | breakfast wrap |
| 2.2% | 11 | breakfast burrito with egg, spinach, and peppers |

**gpt-5.4** (560 queries, 21 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 23.2% | 130 | breakfast wrap with tortilla, eggs, spinach, tomato, and sausage |
| 14.5% | 81 | breakfast wrap with tortilla, scrambled eggs, spinach, tomato, and meat filling |
| 13.2% | 74 | breakfast wrap with tortilla, scrambled eggs, spinach, tomato, and sausage |
| 11.8% | 66 | breakfast wrap with tortilla, eggs, spinach, tomato, cheese, and meat |
| 8.6% | 48 | breakfast wrap with tortilla, eggs, spinach, tomato, and meat filling |

## IMG-20260410-WA0017.jpg

**Actual contents:** Neapolitan pizza capricciosa (whole pizza). Restaurant dish, no known carb count. Consistency test only.

**claude-sonnet-4-6** (510 queries, 25 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 69.0% | 352 | neapolitan-style pizza with ham, mushrooms, olives, and mozzarella (whole pizza) |
| 4.5% | 23 | neapolitan-style pizza with tomato sauce, mozzarella, ham, mushrooms, olives, and red onion (whole pizza) |
| 4.5% | 23 | caprese salad with burrata, tomatoes, and arugula (partial view) + neapolitan-style pizza with |

| Frequency | Count | Items identified |
|---|---|---|
| | | ham, mushrooms, olives, and mozzarella (whole pizza) |
| 3.5% | 18 | caprese salad with burrata, tomatoes, and arugula (background plate) + neapolitan-style pizza with ham, mushrooms, olives, and mozzarella (whole pizza) |
| 3.3% | 17 | caprese salad with burrata and arugula (partial view, background) + neapolitan-style pizza with ham, mushrooms, olives, and mozzarella (whole pizza) |

**gemini-2.5-pro** (500 queries, 16 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 74.0% | 370 | burrata salad with arugula and tomatoes + neapolitan pizza with ham, mushrooms, and olives |
| 6.8% | 34 | burrata salad + neapolitan pizza with ham, mushrooms, and olives |
| 5.6% | 28 | burrata and arugula salad + neapolitan pizza with ham, mushrooms, and olives |
| 5.2% | 26 | burrata salad with arugula and cherry tomatoes + neapolitan pizza with ham, mushrooms, and olives |

| Frequency | Count | Items identified |
|---|---|---|
| 3.2% | 16 | neapolitan pizza with ham, mushrooms, and olives |

**gemini-3.1-pro-preview** (500 queries, 31 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 32.0% | 160 | arugula salad with cherry tomatoes and fresh cheese + neapolitan pizza with ham, mushrooms, and olives |
| 24.2% | 121 | arugula salad with burrata and cherry tomatoes + neapolitan pizza with ham, mushrooms, and olives |
| 14.0% | 70 | neapolitan pizza with ham, mushrooms, and olives |
| 7.2% | 36 | burrata and arugula salad + neapolitan pizza with ham, mushrooms, and olives |
| 5.6% | 28 | arugula salad with burrata and tomatoes + neapolitan pizza with ham, mushrooms, and olives |

**gpt-5.4** (560 queries, 6 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 97.7% | 547 | mixed topping pizza |
| 0.9% | 5 | mixed topping pizza + water with lemon |
| 0.7% | 4 | burrata salad + mixed topping pizza + water with lemon |
| 0.4% | 2 | |

| Frequency | Count | Items identified |
|---|---|---|
| | | arugula salad with burrata and cherry tomatoes + mixed topping pizza + water with lemon |
| 0.2% | 1 | burrata salad + mixed topping pizza |

## IMG-20260410-WA0018.jpg

**Actual contents:** Eggs benedict on two slices of sourdough with sweet potatoes and side salad. Restaurant dish, no known carb count. Consistency test only.

**claude-sonnet-4-6** (510 queries, 150 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 14.1% | 72 | alfalfa sprouts + cured ham / pastrami-style deli meat + hollandaise sauce + mixed greens salad with cherry tomatoes + poached eggs + roasted sweet potato chunks + whole grain / seeded sourdough toast |
| 9.6% | 49 | alfalfa sprouts + cured ham / pastrami-style deli meat + hollandaise sauce + mixed greens salad with cherry tomatoes + poached eggs + roasted sweet potato cubes + whole grain / seeded sourdough toast |
| 4.7% | 24 | alfalfa / microgreen sprouts + cured ham / pastrami-style deli meat + hollandaise sauce + mixed greens salad with cherry tomatoes + poached eggs + roasted |

| Frequency | Count | Items identified |
|---|---|---|
| | | sweet potato chunks + whole grain / seeded sourdough toast |
| 3.7% | 19 | alfalfa sprouts + cherry tomatoes + cured ham / pastrami-style deli meat + hollandaise sauce + mixed greens salad (arugula, radicchio, mixed leaves) + poached eggs + roasted sweet potato chunks + whole grain / seeded sourdough toast |
| 3.1% | 16 | alfalfa sprouts + hollandaise sauce + mixed greens salad with cherry tomatoes + poached eggs + roasted sweet potato chunks + smoked / cured ham (pastrami-style) + whole grain / seeded sourdough toast |

**gemini-2.5-pro** (500 queries, 49 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 35.2% | 176 | canadian bacon + hollandaise sauce + poached eggs + roasted sweet potatoes + side salad + sourdough bread |
| 10.0% | 50 | canadian bacon + hollandaise sauce + poached eggs + roasted sweet potatoes + side salad with mixed greens + sourdough bread |
| 6.8% | 34 | canadian bacon + eggs with |

| Frequency | Count | Items identified |
|---|---|---|
| | | hollandaise sauce + roasted sweet potatoes + side salad with tomato + sourdough bread |
| 5.4% | 27 | canadian bacon + hollandaise sauce + poached egg + roasted sweet potatoes + side salad + sourdough bread |
| 4.6% | 23 | canadian bacon + hollandaise sauce + mixed green salad + poached eggs + roasted sweet potatoes + sourdough bread |

**gemini-3.1-pro-preview** (495 queries, 16 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 27.9% | 138 | canadian bacon + hollandaise sauce + mixed greens salad + poached eggs + roasted sweet potatoes + sourdough bread |
| 27.9% | 138 | back bacon + hollandaise sauce + mixed green salad + poached eggs + roasted sweet potatoes + sourdough bread |
| 19.2% | 95 | back bacon + hollandaise sauce + mixed greens salad + poached eggs + roasted sweet potatoes + sourdough bread |
| 6.5% | 32 | canadian bacon + hollandaise sauce + mixed green salad + poached eggs + roasted sweet |

| Frequency | Count | Items identified |
|---|---|---|
| | | potatoes + sourdough bread |
| 4.8% | 24 | back bacon + hollandaise sauce + poached eggs + roasted sweet potatoes + side salad + sourdough bread |

**gpt-5.4** (561 queries, 84 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 23.5% | 132 | eggs benedict on sourdough toast + ham + mixed green salad with cherry tomato + roasted sweet potatoes |
| 9.8% | 55 | eggs benedict on sourdough toast + ham + mixed greens salad with cherry tomato + roasted sweet potatoes |
| 7.0% | 39 | eggs benedict on sourdough toast with hollandaise + ham + mixed green salad with cherry tomato + roasted sweet potato pieces |
| 6.8% | 38 | ham + mixed greens salad with cherry tomato + poached eggs with hollandaise + roasted sweet potatoes + sourdough bread toast + sprouts garnish |
| 5.2% | 29 | eggs benedict on sourdough toast with hollandaise + ham + mixed green salad with cherry tomato + roasted sweet potatoes |

## IMG-20260410-WA0019.jpg

**Actual contents:** Crema catalana. Restaurant dessert, no known carb count. Consistency test only.

**claude-sonnet-4-6** (510 queries, 1 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 100.0% | 510 | crème brûlée |

**gemini-2.5-pro** (500 queries, 1 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 100.0% | 500 | crème brûlée |

**gemini-3.1-pro-preview** (500 queries, 3 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 96.6% | 483 | crème brûlée |
| 2.2% | 11 | crema catalana |
| 1.2% | 6 | crema catalana / crème brûlée |

**gpt-5.4** (561 queries, 2 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 84.3% | 473 | crème brûlée |
| 15.7% | 88 | creme brulee |

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## IMG-20260410-WA0020.jpg

**Actual contents:** Paella with chicken and green beans (whole pan consumed). Restaurant dish, no known carb count. Consistency test only.

**claude-sonnet-4-6** (510 queries, 171 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 56.1% | 286 | valencian rice (arroz al horno / baked rice) with chicken, green beans, and zucchini |
| 1.8% | 9 | chicken pieces (in rice dish) + flat green beans (judías verdes / ferraura) + valencian rice (arroz al horno / baked rice) with chicken, |

| Frequency | Count | Items identified |
|---|---|---|
| | | green beans, and zucchini + zucchini (courgette) chunks |
| 1.2% | 6 | chicken pieces (component) + cooked white rice (component) + flat green beans / runner beans (component) + valencian rice (arroz al horno / baked rice) with chicken, green beans, and zucchini + zucchini / courgette (component) |
| 1.2% | 6 | valencian rice with chicken and vegetables (arroz al horno / paella de verduras con pollo) |
| 1.0% | 5 | chicken pieces (component) + cooked white rice (component) + flat green beans / ferraura (component) + valencian rice (arroz al horno / baked rice) with chicken, green beans, and zucchini + zucchini / courgette (component) |

**gemini-2.5-pro** (500 queries, 9 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 55.0% | 275 | chicken and vegetable paella |
| 25.2% | 126 | paella with chicken and vegetables |
| 12.6% | 63 | paella with chicken and green beans |
| 3.2% | 16 | chicken and green bean paella |
| 2.6% | 13 | paella with chicken and green vegetables |

**gemini-3.1-pro-preview** (500 queries, 7 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 69.2% | 346 | chicken and green bean paella |
| 14.6% | 73 | paella with chicken and green beans |
| 13.2% | 66 | paella with meat and green beans |
| 1.6% | 8 | chicken and vegetable paella |
| 1.0% | 5 | paella with chicken and flat green beans |

**gpt-5.4** (560 queries, 47 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 29.6% | 166 | chicken and vegetable rice dish |
| 13.0% | 73 | chicken and vegetable rice dish + chicken pieces + okra or green beans |
| 13.0% | 73 | chicken and vegetable rice skillet |
| 5.9% | 33 | chicken and vegetable paella |
| 5.4% | 30 | chicken + chicken and vegetable rice dish + okra |

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## IMG_20200412_154249.jpg

**Actual contents:** Roast beef dinner: 5 medium-small roast potatoes, tenderstem broccoli, roast beef slices. Shared peas/beans on the side.

**claude-sonnet-4-6** (510 queries, 145 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 13.1% | 67 | broccolini (tenderstem broccoli) + mixed greens / wild rocket (arugula) + mushroom gravy / sauce + peas and mixed vegetables (side bowl) + roast beef slices (medium-rare) + roast potatoes |
| 8.2% | 42 | mixed greens / wild rocket (arugula) + |

| Frequency | Count | Items identified |
|---|---|---|
| | | mushroom gravy / sauce + peas and mixed vegetables (side bowl) + roast beef slices (medium-rare) + roast potatoes + tenderstem broccoli (broccolini) |
| 6.5% | 33 | broccolini (tenderstem broccoli) + mixed greens / wild rocket (arugula) + mushroom gravy / sauce + peas and mixed vegetables (side bowl) + roast beef (sliced, medium-rare) + roast potatoes |
| 5.9% | 30 | broccolini (tenderstem broccoli) + mixed greens / wild rocket (arugula) + mushroom gravy sauce + peas and mixed vegetables (side bowl) + roast beef slices (medium-rare) + roast potatoes |
| 4.9% | 25 | broccolini (tenderstem broccoli) + mixed greens / wild rocket (arugula) + mushroom gravy / sauce + peas and vegetables side (in bowl) + roast beef slices (medium-rare) + roast potatoes |

**gemini-2.5-pro** (500 queries, 47 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 30.8% | 154 | broccolini + mushroom gravy + |

| Frequency | Count | Items identified |
|---|---|---|
| | | peas with bacon + roast beef + roast potatoes |
| 16.4% | 82 | broccolini + mushroom gravy + peas with bacon + roast beef + roasted potatoes |
| 14.2% | 71 | broccolini + mushroom gravy + roast beef + roast potatoes |
| 8.6% | 43 | broccolini + mushroom gravy + roast beef + roasted potatoes |
| 5.0% | 25 | mushroom gravy + peas and broad beans with bacon + roast beef + roasted potatoes + steamed broccolini |

**gemini-3.1-pro-preview** (500 queries, 59 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 37.0% | 185 | broccolini and samphire + green peas + mushroom gravy + roast beef + roast potatoes |
| 14.2% | 71 | broccolini and greens + mushroom gravy + peas and greens + roast beef + roast potatoes |
| 8.6% | 43 | broccolini and greens + green peas + mushroom gravy + roast beef + roast potatoes |
| 4.6% | 23 | broccolini and samphire + green peas + mushroom gravy + roast beef + roasted potatoes |
| 3.4% | 17 | broccolini and samphire + peas and mixed greens + |

| Frequency | Count | Items identified |
|---|---|---|
| | | roast beef with mushroom gravy + roasted potatoes |

**gpt-5.4** (560 queries, 17 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 40.0% | 224 | broccolini + peas + roast beef with mushroom gravy + roast potatoes |
| 15.4% | 86 | broccolini + peas in bowl + roast beef with mushroom gravy + roast potatoes |
| 14.6% | 82 | peas + roast beef with mushroom gravy + roast potatoes + tenderstem broccoli |
| 12.3% | 69 | broccolini + mushroom gravy + peas + roast beef + roast potatoes |
| 8.4% | 47 | broccolini + peas and brussels sprouts + roast beef with mushroom gravy + roast potatoes |

## IMG_20250915_112359.jpg

**Actual contents:** Bakewell tart slice with jam layer and white icing drizzle.

**claude-sonnet-4-6** (510 queries, 6 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 77.1% | 393 | linzer torte slice (almond shortcrust pastry with berry jam filling and white icing lattice) |
| 12.2% | 62 | linzer torte slice (almond shortcrust pastry with berry jam filling, white icing lattice) |

| Frequency | Count | Items identified |
|---|---|---|
| 5.5% | 28 | linzer torte slice (shortcrust pastry with jam filling and white icing lattice) |
| 4.3% | 22 | linzer torte slice (shortcrust pastry with jam filling and icing lattice) |
| 0.6% | 3 | linzer torte slice (shortcrust pastry with jam filling, white icing lattice) |

**gemini-2.5-pro** (500 queries, 14 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 83.6% | 418 | jam tart slice |
| 7.4% | 37 | bakewell tart slice |
| 2.2% | 11 | jam and almond tart slice |
| 2.0% | 10 | jam-filled cake slice |
| 2.0% | 10 | jam-filled tart slice |

**gemini-3.1-pro-preview** (500 queries, 4 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 99.0% | 495 | bakewell tart slice |
| 0.6% | 3 | bakewell tart slice (almond sponge and jam tart) |
| 0.2% | 1 | almond jam tart slice |
| 0.2% | 1 | almond sponge tart with jam (bakewell tart) |

**gpt-5.4** (559 queries, 4 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 39.5% | 221 | jam-filled cake bar with icing |
| 38.1% | 213 | jam tart slice with icing |
| 19.9% | 111 | jam-filled cake bar with icing drizzle |
| 2.5% | 14 | jam tart slice |

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## IMG_20260209_192318.jpg

**Actual contents:** Tomato, chorizo and butter bean soup with 2 thick slices white bread.

**claude-sonnet-4-6** (510 queries, 11 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 42.7% | 218 | tomato soup (creamy, likely tomato bisque or cream of tomato) + white sandwich bread slices |
| 41.4% | 211 | tomato cream soup (tomato bisque / creamy tomato soup) + white sandwich bread slices |
| 7.1% | 36 | tomato soup (creamy, likely tomato bisque or cream of tomato) + white sandwich bread slices (untoasted) |
| 4.1% | 21 | tomato-based curry soup / butter chicken style curry + white sandwich bread slices |
| 2.9% | 15 | tomato soup (creamy, likely tomato bisque or cream of tomato) + white sandwich bread slices (2 slices, untoasted) |

**gemini-2.5-pro** (500 queries, 3 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 99.6% | 498 | tomato soup + white bread |
| 0.2% | 1 | tomato and vegetable soup + white bread |
| 0.2% | 1 | creamy tomato soup + white bread |

**gemini-3.1-pro-preview** (500 queries, 3 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 79.2% | 396 | tomato soup + white bread |
| 20.6% | 103 | thick tomato soup + white bread |
| 0.2% | 1 | thick vegetable soup + white bread |

**gpt-5.4** (559 queries, 1 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 100.0% | 559 | tomato soup + white bread |

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## IMG_20260210_142258.jpg

**Actual contents:** Cheese sandwich on 2 slices thick-cut white bread.

**claude-sonnet-4-6** (510 queries, 15 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 56.1% | 286 | sliced cheese (american or mild yellow/white cheese) + white sandwich bread (2 slices) |
| 20.2% | 103 | sliced cheese (appears to be mild yellow/white cheese, likely american or mild cheddar) + white sandwich bread (2 slices) |
| 7.5% | 38 | sliced cheese (american-style or mild yellow/white cheese) + white sandwich bread (2 slices) |
| 6.9% | 35 | sliced cheese (appears to be mild yellow/white cheese, e.g., american or mild cheddar) + white sandwich bread (2 slices) |
| 2.2% | 11 | sliced cheese (american-style or mild yellow cheese) + white sandwich bread (2 slices) |

**gemini-2.5-pro** (500 queries, 12 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 48.4% | 242 | butter + cheese + white bread |
| 24.0% | 120 | cheese sandwich |

| Frequency | Count | Items identified |
|---|---|---|
| 15.2% | 76 | butter + cheese slices + white bread |
| 5.4% | 27 | butter + cheddar cheese + white bread |
| 3.4% | 17 | cheese sandwich on white bread |

**gemini-3.1-pro-preview** (500 queries, 39 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 43.2% | 216 | sliced cheese + white bread |
| 13.8% | 69 | butter + sliced cheese + white bread |
| 12.6% | 63 | butter or spread + sliced cheese + white bread |
| 10.8% | 54 | deli meat + sliced cheese + white bread |
| 4.2% | 21 | butter or margarine + sliced cheese + white bread |

**gpt-5.4** (559 queries, 12 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 80.9% | 452 | cheese slices + white bread + white bread sandwich |
| 3.6% | 20 | cheese slices + white bread sandwich |
| 3.4% | 19 | white bread sandwich with cheese |
| 2.7% | 15 | sliced cheese + white bread + white bread sandwich |
| 2.5% | 14 | white bread sandwich |

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## MVIMG_20260222_204918.jpg

**Actual contents:** Matcha churros with pistachio ice cream. Restaurant dessert.

**claude-sonnet-4-6** (510 queries, 191 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 8.4% | 43 | crunchy crumble / praline topping + ice cream scoop (likely vanilla or white sesame / matcha-adjacent flavor) + matcha churros (matcha-dusted fried dough sticks) + matcha cream sauce / green tea anglaise |
| 4.5% | 23 | crumble / praline topping + ice cream scoop (likely vanilla or white sesame/ |

| Frequency | Count | Items identified |
|---|---|---|
| | | matcha flavor) + matcha churros (matcha-dusted fried dough sticks) + matcha cream sauce / green tea anglaise |
| 4.3% | 22 | crunchy crumble / praline topping + ice cream scoop (likely vanilla or white sesame / matcha-adjacent flavor) + matcha churros (matcha-dusted fried dough sticks) + matcha cream sauce / matcha anglaise |
| 3.3% | 17 | crunchy crumble / praline topping + ice cream scoop (likely vanilla or white sesame/ matcha flavor) + matcha churros (matcha-dusted fried dough sticks) + matcha cream sauce / green tea anglaise |
| 2.7% | 14 | caramelized nut / cookie crumble garnish + ice cream scoop (likely vanilla or white sesame / matcha-adjacent flavor) + matcha churros (matcha-dusted fried dough sticks) + matcha cream sauce / green tea anglaise |

**gemini-2.5-pro** (500 queries, 67 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 27.2% | 136 | matcha churros with ice cream |
| 12.4% | 62 | |

| Frequency | Count | Items identified |
|---|---|---|
| | | ice cream + matcha churros |
| 11.0% | 55 | ice cream + matcha churros with sauce |
| 10.4% | 52 | churros with matcha sauce + ice cream + praline crumbles |
| 5.2% | 26 | churros with matcha sauce + ice cream |

**gemini-3.1-pro-preview** (500 queries, 71 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 11.8% | 59 | churros + pistachio cream sauce + vanilla ice cream |
| 11.2% | 56 | crushed pistachios + matcha churros + sweet matcha sauce + vanilla ice cream |
| 10.2% | 51 | ice cream + matcha churros + sweet matcha sauce |
| 6.8% | 34 | churros + ice cream + pistachio sauce |
| 5.6% | 28 | matcha churros + sweet matcha sauce + vanilla ice cream |

**gpt-5.4** (559 queries, 87 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 22.2% | 124 | churros + nut topping + sweet sauce + vanilla ice cream |
| 8.2% | 46 | churros + nut topping + sweet cream sauce + vanilla ice cream |
| 8.1% | 45 | churros + powdered topping + sweet sauce + vanilla ice cream |
| 6.3% | 35 | churros + crumb topping + sweet sauce + vanilla ice cream |

| Frequency | Count | Items identified |
|---|---|---|
| 6.3% | 35 | churros + nut crumble + sweet sauce + vanilla ice cream |

## MVIMG_20260303_200132.jpg

**Actual contents:** Chilli con carne with mixed beans on white rice.

**claude-sonnet-4-6** (510 queries, 19 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 37.6% | 192 | meat and bean stew in tomato sauce (beef/lamb with white beans, mushrooms, carrots, onion) + white rice, cooked (long-grain) |
| 34.9% | 178 | meat and bean stew (beef/lamb with white beans, tomato sauce, mushrooms, carrots) + white rice, cooked (long-grain) |
| 10.2% | 52 | meat and white bean stew in tomato sauce + white rice, cooked (long-grain) |
| 4.3% | 22 | meat and bean stew in tomato sauce (with mushrooms and vegetables) + white rice, cooked (long-grain) |
| 2.9% | 15 | meat and bean stew with tomato sauce (beef/lamb, white beans, mushrooms, carrots) + white rice, cooked (long-grain) |

**gemini-2.5-pro** (500 queries, 2 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 99.8% | 499 | bean and meat stew + white rice |

| Frequency | Count | Items identified |
|---|---|---|
| 0.2% | 1 | bean and meat stew + cooked white rice |

**gemini-3.1-pro-preview** (500 queries, 8 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 37.4% | 187 | beef and bean stew + cooked white rice |
| 31.8% | 159 | chili with beans and meat + white rice |
| 16.0% | 80 | beef and bean stew + white rice |
| 9.4% | 47 | beef and bean chili + white rice |
| 4.4% | 22 | beef and white bean stew + cooked white rice |

**gpt-5.4** (560 queries, 1 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 100.0% | 560 | beef and white bean tomato stew + cooked white rice |

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## MVIMG_20260304_120022.jpg

**Actual contents:** Large bakery cookie (Battle Bakes and Cakes) with Mini Egg pieces and white chocolate.

**claude-sonnet-4-6** (510 queries, 3 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 98.0% | 500 | large homemade-style cookie with candy pieces and white chocolate chunks |
| 1.4% | 7 | large homemade cookie with candy-coated chocolates (smarties/m&ms) and white chocolate chunks |
| 0.6% | 3 | large homemade cookie with candy-coated chocolates (skittles/m&m-style) and white chocolate chunks |

**gemini-2.5-pro** (500 queries, 5 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 29.0% | 145 | candy and white chocolate cookie |

| Frequency | Count | Items identified |
|---|---|---|
| 26.2% | 131 | cookie with candy pieces and white chocolate chunks |
| 24.2% | 121 | candy and white chocolate chip cookie |
| 18.2% | 91 | cookie with candy and white chocolate chunks |
| 2.4% | 12 | cookie with candy and white chocolate chips |

**gemini-3.1-pro-preview** (500 queries, 18 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 18.2% | 91 | candy-coated chocolate chip cookie |
| 17.4% | 87 | cookie with candy-coated chocolates |
| 14.6% | 73 | large cookie with candy-coated chocolates and white chips |
| 14.6% | 73 | large cookie with candy-coated chocolates |
| 12.4% | 62 | cookie with candy pieces |

**gpt-5.4** (560 queries, 5 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 87.0% | 487 | cookie with white chocolate pieces and candy-coated chocolate pieces |
| 12.5% | 70 | cookie with white chocolate pieces and candy-coated chocolate |
| 0.2% | 1 | cookie with white chocolate chunks and candy-coated chocolate pieces |
| 0.2% | 1 | peanut butter cookie with candy-coated chocolate pieces and white chocolate chunks |
| 0.2% | 1 | cookie with white chocolate pieces |

| Frequency | Count | Items identified |
|---|---|---|
| | | and candy-coated chocolates |

## MVIMG_20260308_142023.jpg

**Actual contents:** Breadcrumb-crusted fish with fried courgette slices.

**claude-sonnet-4-6** (510 queries, 200 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 8.2% | 42 | bread stuffing / dressing (baked, with vegetables and herbs) + gravy or pan drippings sauce + grilled pork ribs (bone-in, charred) + sautéed zucchini with mushrooms |
| 5.7% | 29 | bread stuffing / dressing (baked, with vegetables and herbs) + gravy or pan drippings (light, thin) + grilled pork ribs (bone-in, charred) + sautéed zucchini with mushrooms |
| 3.3% | 17 | bread stuffing / dressing (baked, with vegetables and herbs) + gravy or pan drippings sauce + grilled or broiled pork ribs (bone-in) + sautéed zucchini with mushrooms |
| 3.1% | 16 | bread stuffing / dressing (baked, with vegetables and herbs) + gravy (light, poured over stuffing and meat) + grilled pork ribs (bone-in, charred) + sautéed zucchini with mushrooms |
| 2.9% | 15 | |

| Frequency | Count | Items identified |
|---|---|---|
| | | bread stuffing / dressing (baked, with vegetables and herbs) + gravy or pan drippings sauce + grilled or broiled meat (appears to be pork ribs or dark-meat poultry) + sautéed zucchini with mushrooms |

**gemini-2.5-pro** (500 queries, 105 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 12.8% | 64 | chicken and stuffing casserole + sautéed zucchini |
| 11.0% | 55 | pork and stuffing casserole + sautéed zucchini |
| 7.2% | 36 | bread stuffing + roasted pork + sautéed zucchini + unidentified red beverage |
| 7.2% | 36 | meat and stuffing casserole + sautéed zucchini |
| 5.8% | 29 | pork and stuffing casserole + sautéed zucchini + unidentified red beverage |

**gemini-3.1-pro-preview** (500 queries, 47 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 41.0% | 205 | bread stuffing + glazed chicken + sautéed zucchini |
| 14.2% | 71 | bread stuffing + cooked zucchini + glazed meat |
| 7.0% | 35 | sautéed zucchini + stuffed chicken breast |
| 3.4% | 17 | bread stuffing + glazed meat + sautéed zucchini |
| 3.4% | 17 | sautéed zucchini + stuffed chicken with glaze |

**gpt-5.4** (561 queries, 244 unique item combinations)

| Frequency | Count | Items identified |
|---|---|---|
| 3.0% | 17 | |

| Frequency | Count | Items identified |
|---|---|---|
| | | cream sauce or gravy + pink beverage + roasted chicken with skin + roasted zucchini + stuffing |
| 2.9% | 16 | cream sauce or gravy + pink fruit drink + roasted chicken with skin + roasted zucchini + stuffing or bread casserole |
| 2.5% | 14 | ham + roasted chicken with skin + roasted zucchini + stuffing |
| 2.5% | 14 | cooked zucchini slices + cream sauce or gravy + pink fruit drink + roasted chicken pieces with skin + stuffing or bread-based casserole |
| 2.3% | 13 | cream sauce or gravy + roasted chicken with skin + roasted zucchini + stuffing or bread casserole |