## Supplementary Material <br> for

Koriat \& Sorka: The construction of categorization judgments: Using subjective confidence and response latency to test a distributed model

Table 1

A list of the items used in Experiment 1. For each item, the table lists the consensual response, item consensus, the number of consensual and nonconsensual responses, the number of "unfamiliar" responses, and confidence for the consensual response, for the nonconsensual response, and for all responses combined

| Item | Candidate <br> Exemplar | Category | Consensual Response | Item <br> Consensus | N of Consensual Responses | $\mathbf{N}$ of Nonconsensual Responses | N of <br> 'Unfamiliar' <br> Responses | Confidence in Consensual Response | Confidence in Nonconsensual Response | Mean <br> Confidence |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Apple | FRUIT | Yes | 100.00\% | 21 | 0 |  | 100.00 | . | 100.00 |
| 2 | Avocado | FRUIT | Yes | 71.43\% | 15 | 6 |  | 77.40 | 70.00 | 75.29 |
| 3 | Blueberry | FRUIT | Yes | 100.00\% | 21 | 0 |  | 93.38 | . | 93.38 |
| 4 | Coconut | FRUIT | Yes | 85.71\% | 18 | 3 |  | 91.50 | 73.33 | 88.90 |
| 5 | Cucumber | FRUIT | No | 76.19\% | 16 | 5 |  | 93.50 | 78.00 | 89.81 |
| 6 | Date | FRUIT | Yes | 90.48\% | 19 | 2 |  | 91.32 | 75.00 | 89.76 |
| 7 | Grape | FRUIT | Yes | 100.00\% | 21 | 0 |  | 97.38 | . | 97.38 |
| 8 | Guava | FRUIT | Yes | 100.00\% | 20 | 0 | 1 | 91.05 | . | 91.05 |
| 9 | Kumquat | FRUIT | Yes | 100.00\% | 18 | 0 | 3 | 94.72 | . | 94.72 |
| 10 | Papaya | FRUIT | Yes | 100.00\% | 20 | 0 | 1 | 97.65 | . | 97.65 |
| 11 | Pumpkin | FRUIT | Yes | 57.14\% | 12 | 9 |  | 77.83 | 91.11 | 83.52 |
| 12 | Rose | FRUIT | No | 100.00\% | 21 | 0 |  | 97.00 | . | 97.00 |
| 13 | Tomato | FRUIT | Yes | 85.71\% | 18 | 3 |  | 83.39 | 83.33 | 83.38 |
| 14 | Avocado | VEGETABLE | Yes | 52.38\% | 11 | 10 |  | 80.09 | 75.40 | 77.86 |
| 15 | Broccoli | VEGETABLE | Yes | 100.00\% | 21 | 0 |  | 96.48 | . | 96.48 |


| 16 | Carrot | VEGETABLE | Yes | 100.00\% | 21 | 0 |  | 96.62 | . | 96.62 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17 | Corn | VEGETABLE | Yes | 80.95\% | 17 | 4 |  | 89.24 | 72.50 | 86.05 |
| 18 | Cucumber | VEGETABLE | Yes | 85.71\% | 18 | 3 |  | 89.28 | 86.00 | 88.81 |
| 19 | Egg | VEGETABLE | No | 100.00\% | 21 | 0 |  | 99.52 | . | 99.52 |
| 20 | Mushroom | VEGETABLE | No | 57.14\% | 12 | 9 |  | 86.50 | 90.00 | 88.00 |
| 21 | Olive | VEGETABLE | No | 66.67\% | 14 | 7 |  | 77.64 | 79.29 | 78.19 |
| 22 | Peanut | VEGETABLE | No | 76.19\% | 16 | 5 |  | 85.38 | 44.00 | 75.52 |
| 23 | Pumpkin | VEGETABLE | Yes | 57.14\% | 12 | 9 |  | 86.92 | 82.44 | 85.00 |
| 24 | Rhubarb | VEGETABLE | Yes | 75.00\% | 12 | 4 | 5 | 88.08 | 79.25 | 85.88 |
| 25 | Rice | VEGETABLE | No | 80.95\% | 17 | 4 |  | 84.12 | 63.75 | 80.24 |
| 26 | Rutabaga | VEGETABLE | Yes | 85.71\% | 12 | 2 | 7 | 91.58 | 67.50 | 88.14 |
| 27 | Zucchini | VEGETABLE | Yes | 80.95\% | 17 | 4 |  | 94.94 | 81.25 | 92.33 |
| 28 | Eel | FISH | Yes | 57.14\% | 12 | 9 |  | 90.00 | 76.67 | 84.29 |
| 29 | Lobster | FISH | No | 76.19\% | 16 | 5 |  | 91.44 | 83.00 | 89.43 |
| 30 | Penguin | FISH | No | 95.24\% | 20 | 1 |  | 98.30 | 90.00 | 97.90 |
| 31 | Sea Anemone | FISH | No | 88.89\% | 16 | 2 | 3 | 87.94 | 85.00 | 87.61 |
| 32 | Sea Horse | FISH | No | 71.43\% | 15 | 6 |  | 85.40 | 81.67 | 84.33 |
| 33 | Seal | FISH | No | 95.24\% | 20 | 1 |  | 96.50 | 20.00 | 92.86 |
| 34 | Shark | FISH | Yes | 76.19\% | 16 | 5 |  | 94.31 | 82.20 | 91.43 |
| 35 | Shrimp | FISH | No | 76.19\% | 16 | 5 |  | 93.31 | 88.00 | 92.05 |
| 36 | Tadpole | FISH | No | 80.95\% | 17 | 4 |  | 97.82 | 92.50 | 96.81 |
| 37 | Tuna | FISH | Yes | 100.00\% | 21 | 0 |  | 99.76 | . | 99.76 |
| 38 | Bathing Suit | CLOTHING | Yes | 100.00\% | 21 | 0 |  | 98.52 | . | 98.52 |
| 39 | Bra | CLOTHING | Yes | 100.00\% | 21 | 0 |  | 94.33 | . | 94.33 |
| 40 | Buttons | CLOTHING | No | 76.19\% | 16 | 5 |  | 84.00 | 90.00 | 85.43 |
| 41 | Hat | CLOTHING | Yes | 85.71\% | 18 | 3 |  | 92.72 | 86.67 | 91.86 |
| 42 | Make-up | CLOTHING | No | 100.00\% | 21 | 0 |  | 96.19 | . | 96.19 |
| 43 | Overalls | CLOTHING | Yes | 100.00\% | 21 | 0 |  | 99.62 | . | 99.62 |
| 44 | Raincoat | CLOTHING | Yes | 100.00\% | 21 | 0 |  | 96.76 | . | 96.76 |


| 45 | Shirt | CLOTHING | Yes | 100.00\% | 21 | 0 | 100.00 | . | 100.00 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 46 | Tuxedo | CLOTHING | Yes | 100.00\% | 21 | 0 | 99.90 | . | 99.90 |
| 47 | Uniform | CLOTHING | Yes | 95.24\% | 20 | 1 | 96.45 | 50.00 | 94.24 |
| 48 | Baby Bed | FURNITURE | Yes | 100.00\% | 21 | 0 | 98.29 | . | 98.29 |
| 49 | Clock | FURNITURE | No | 57.14\% | 12 | 9 | 85.55 | 67.22 | 77.30 |
| 50 | Closet | FURNITURE | Yes | 52.38\% | 11 | 10 | 95.18 | 87.50 | 91.52 |
| 51 | Curtains | FURNITURE | No | 85.71\% | 18 | 3 | 82.41 | 83.33 | 82.55 |
| 52 | Footrest | FURNITURE | Yes | 95.24\% | 20 | 1 | 93.85 | 90.00 | 93.67 |
| 53 | Picnic Table | FURNITURE | Yes | 71.43\% | 15 | 6 | 91.33 | 76.67 | 87.14 |
| 54 | Piano | FURNITURE | No | 52.38\% | 11 | 10 | 85.27 | 84.10 | 84.71 |
| 55 | Refrigerator | FURNITURE | No | 66.67\% | 14 | 7 | 95.50 | 83.57 | 91.52 |
| 56 | Rug | FURNITURE | No | 66.67\% | 14 | 7 | 86.00 | 86.14 | 86.05 |
| 57 | Shelves | FURNITURE | No | 57.14\% | 12 | 9 | 80.42 | 90.00 | 84.52 |
| 58 | Sofa | FURNITURE | Yes | 100.00\% | 21 | 0 | 99.29 | . | 99.29 |
| 59 | Television | FURNITURE | No | 76.19\% | 16 | 5 | 86.06 | 80.00 | 84.62 |
| 60 | Airplane | VEHICLE | Yes | 100.00\% | 21 | 0 | 96.14 | . | 96.14 |
| 61 | Baby Carriage | VEHICLE | No | 52.38\% | 11 | 10 | 89.64 | 89.90 | 89.76 |
| 62 | Canoe | VEHICLE | Yes | 80.95\% | 17 | 4 | 91.24 | 92.50 | 91.48 |
| 63 | Car | VEHICLE | Yes | 100.00\% | 21 | 0 | 95.71 | . | 95.71 |
| 64 | Elevator | VEHICLE | No | 57.14\% | 12 | 9 | 86.17 | 84.89 | 85.62 |
| 65 | Escalator | VEHICLE | No | 66.67\% | 14 | 7 | 88.21 | 77.71 | 84.71 |
| 66 | Feet | VEHICLE | No | 76.19\% | 16 | 5 | 88.50 | 77.00 | 85.76 |
| 67 | Parachute | VEHICLE | No | 80.95\% | 17 | 4 | 88.71 | 97.50 | 90.38 |
| 68 | Roller Skate | VEHICLE | Yes | 52.38\% | 11 | 10 | 90.73 | 90.00 | 90.38 |
| 69 | Stretcher | VEHICLE | No | 76.19\% | 16 | 5 | 83.50 | 86.00 | 84.10 |
| 70 | Unicycle | VEHICLE | Yes | 80.95\% | 17 | 4 | 89.47 | 86.50 | 88.90 |
| 71 | Wheelchair | VEHICLE | Yes | 61.90\% | 13 | 8 | 92.31 | 85.38 | 89.67 |
| 72 | Fire | WEAPON | Yes | 61.90\% | 13 | 8 | 80.31 | 76.75 | 78.95 |
| 73 | Fist | WEAPON | Yes | 66.67\% | 14 | 7 | 93.93 | 85.71 | 91.19 |


| 74 | Fork | WEAPON | No | 57.14\% | 12 | 9 |  | 93.08 | 82.50 | 88.85 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 75 | Gas | WEAPON | No | 52.38\% | 11 | 10 |  | 77.55 | 80.50 | 78.95 |
| 76 | Hairspray | WEAPON | No | 76.19\% | 16 | 5 |  | 93.06 | 72.00 | 88.05 |
| 77 | Knife | WEAPON | Yes | 80.95\% | 17 | 4 |  | 96.12 | 97.50 | 96.38 |
| 78 | M-16 | WEAPON | Yes | 100.00\% | 21 | 0 |  | 99.95 | . | 99.95 |
| 79 | Neutron Bomb | WEAPON | Yes | 100.00\% | 20 | 0 | 1 | 99.95 | . | 99.95 |
| 80 | Pillow | WEAPON | No | 80.95\% | 17 | 4 |  | 90.12 | 65.75 | 85.48 |
| 81 | Rope | WEAPON | No | 57.14\% | 12 | 9 |  | 79.50 | 81.44 | 80.33 |
| 82 | Billiards | SPORT | Yes | 55.00\% | 11 | 9 | 1 | 89.82 | 85.00 | 87.79 |
| 83 | Bowling | SPORT | Yes | 85.71\% | 18 | 3 |  | 90.89 | 93.33 | 91.24 |
| 84 | Chess | SPORT | Yes | 52.38\% | 11 | 10 |  | 83.82 | 94.20 | 88.76 |
| 85 | Darts | SPORT | Yes | 57.14\% | 12 | 9 |  | 80.50 | 86.00 | 82.86 |
| 86 | Fishing | SPORT | Yes | 52.38\% | 11 | 10 |  | 88.18 | 77.90 | 83.29 |
| 87 | Football | SPORT | Yes | 100.00\% | 21 | 0 |  | 99.90 | . | 99.90 |
| 88 | Golf | SPORT | Yes | 85.71\% | 18 | 3 |  | 95.44 | 93.33 | 95.14 |
| 89 | Ice Skating | SPORT | Yes | 85.71\% | 18 | 3 |  | 92.11 | 93.33 | 92.29 |
| 90 | Swimming | SPORT | Yes | 95.24\% | 20 | 1 |  | 99.90 | 100.00 | 99.90 |
| 91 | Walking the Dog | SPORT | No | 90.48\% | 19 | 2 |  | 91.26 | 35.00 | 85.90 |
| 92 | Agriculture | SCIENCE | Yes | 80.95\% | 17 | 4 |  | 91.50 | 80.00 | 89.20 |
| 93 | Archaeology | SCIENCE | Yes | 76.19\% | 16 | 5 |  | 92.44 | 76.60 | 88.67 |
| 94 | Biology | SCIENCE | Yes | 100.00\% | 21 | 0 |  | 99.95 | . | 99.95 |
| 95 | Economics | SCIENCE | Yes | 57.14\% | 12 | 9 |  | 88.33 | 74.33 | 82.33 |
| 96 | Engineering | SCIENCE | Yes | 95.24\% | 20 | 1 |  | 92.50 | 58.00 | 90.86 |
| 97 | History | SCIENCE | No | 80.95\% | 17 | 4 |  | 90.47 | 81.25 | 88.71 |
| 98 | Medicine | SCIENCE | Yes | 95.24\% | 20 | 1 |  | 94.35 | 72.00 | 93.29 |
| 99 | Philosophy | SCIENCE | No | 80.95\% | 17 | 4 |  | 88.71 | 82.50 | 87.52 |
| 100 | Physics | SCIENCE | Yes | 100.00\% | 21 | 0 |  | 99.05 | . | 99.05 |
| 101 | Psychology | SCIENCE | Yes | 90.48\% | 19 | 2 |  | 76.05 | 100.00 | 78.33 |

## Table 2

A list of the items used in Experiment 2. For each item, the table lists the consensual response, item consensus, the number of consensual and nonconsensual responses, the number of "unfamiliar" responses, confidence for the consensual response, for the nonconsensual response, and for all responses combined, and response latency for the consensual response, for the nonconsensual response, and for all responses combined (Block 1)

| Item | Candidate Exemplar | Category | Consensual Response | Item Consensus | Confidence in Consensual Response | Confidence in Nonconsensual Response | Mean <br> Confidence | Response Latency for Consensual Response | Response <br> Latency for Nonconsensual Response | Mean <br> Response Latency |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Rose | FLOWER | Yes | 96.97 | 99.88 | 86.00 | 99.45 | 2.41 | 4.67 | 2.48 |
| 2 | Lily | FLOWER | Yes | 96.97 | 99.09 | 94.00 | 98.94 | 2.35 | 3.89 | 2.40 |
| 3 | Gardenia | FLOWER | Yes | 96.97 | 84.91 | 68.00 | 84.39 | 2.90 | 2.89 | 2.90 |
| 4 | Snapdragon | FLOWER | Yes | 87.88 | 69.28 | 55.50 | 67.61 | 4.44 | 5.18 | 4.53 |
| 5 | Hibiscus | FLOWER | Yes | 90.91 | 85.90 | 18.67 | 79.79 | 3.14 | 4.71 | 3.24 |
| 6 | Silk flower | FLOWER | Yes | 72.73 | 66.58 | 66.78 | 66.64 | 4.64 | 9.43 | 5.95 |
| 7 | Heather | FLOWER | Yes | 60.61 | 60.80 | 46.15 | 55.03 | 4.45 | 6.76 | 5.32 |
| 8 | Schefflera | FLOWER | Yes | 66.67 | 36.82 | 24.55 | 32.73 | 5.34 | 6.57 | 5.76 |
| 9 | Boston fern | FLOWER | No | 51.52 | 53.24 | 69.06 | 60.91 | 6.21 | 5.49 | 5.86 |
| 10 | Root | FLOWER | No | 100.00 | 84.24 | . | 84.24 | 4.55 | . | 4.55 |
| 11 | Apple | FRUIT | Yes | 100.00 | 99.45 | . | 99.45 | 2.31 | . | 2.31 |
| 12 | Papaya | FRUIT | Yes | 100.00 | 91.45 | . | 91.45 | 2.73 | . | 2.73 |
| 13 | Date | FRUIT | Yes | 100.00 | 95.55 | . | 95.55 | 3.65 | . | 3.65 |
| 14 | Coconut | FRUIT | Yes | 87.88 | 86.59 | 86.25 | 86.55 | 4.27 | 5.54 | 4.39 |
| 15 | Tomato | FRUIT | Yes | 78.79 | 91.15 | 76.14 | 87.97 | 3.65 | 4.84 | 3.84 |
| 16 | Guava | FRUIT | Yes | 100.00 | 93.52 | . | 93.52 | 3.34 | . | 3.34 |
| 17 | Avocado | FRUIT | Yes | 84.85 | 87.82 | 80.40 | 86.70 | 3.48 | 3.88 | 3.53 |


| 18 | Cucumber | FRUIT | No | 75.76 | 84.60 | 62.50 | 79.24 | 3.68 | 4.31 | 3.82 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 19 | Olive | FRUIT | Yes | 54.55 | 86.94 | 66.73 | 77.76 | 4.82 | 3.53 | 4.22 |
| 20 | Onion | FRUIT | No | 100.00 | 91.73 | . | 91.73 | 4.09 | . | 4.09 |
| 21 | Carrot | VEGETABLE | Yes | 96.97 | 96.19 | 100.00 | 96.30 | 3.11 | 6.61 | 3.22 |
| 22 | Zucchini | VEGETABLE | Yes | 87.88 | 89.79 | 47.25 | 84.64 | 3.09 | 5.87 | 3.35 |
| 23 | Mushroom | VEGETABLE | Yes | 57.58 | 84.68 | 83.00 | 83.97 | 3.68 | 5.03 | 4.27 |
| 24 | Olive | VEGETABLE | No | 66.67 | 80.23 | 87.91 | 82.79 | 6.75 | 4.74 | 6.03 |
| 25 | Pumpkin | VEGETABLE | Yes | 72.73 | 94.42 | 75.33 | 89.21 | 4.14 | 6.92 | 4.84 |
| 26 | Tomato | VEGETABLE | No | 51.52 | 95.35 | 82.31 | 89.03 | 3.68 | 3.77 | 3.72 |
| 27 | Rice | VEGETABLE | No | 87.88 | 88.00 | 82.25 | 87.30 | 4.53 | 7.23 | 4.87 |
| 28 | Peanut | VEGETABLE | No | 75.76 | 79.20 | 67.13 | 76.27 | 5.58 | 6.05 | 5.68 |
| 29 | Sugar Cane | VEGETABLE | No | 69.70 | 78.43 | 54.70 | 71.24 | 6.73 | 5.81 | 6.45 |
| 30 | Noodles | VEGETABLE | No | 96.97 | 97.25 | 0.00 | 94.30 | 3.67 | 3.55 | 3.66 |
| 31 | Horse | ANIMAL | Yes | 100.00 | 99.97 | . | 99.97 | 2.26 | . | 2.26 |
| 32 | Sparrow | ANIMAL | Yes | 93.94 | 94.32 | 39.50 | 91.00 | 3.62 | 5.98 | 3.76 |
| 33 | Unicorn | ANIMAL | Yes | 72.73 | 83.29 | 88.89 | 84.82 | 4.16 | 4.46 | 4.23 |
| 34 | Mosquito | ANIMAL | Yes | 57.58 | 88.05 | 84.86 | 86.70 | 4.42 | 4.80 | 4.57 |
| 35 | Cocoon | ANIMAL | No | 66.67 | 85.27 | 72.27 | 80.94 | 5.12 | 7.86 | 5.97 |
| 36 | Egg | ANIMAL | No | 75.76 | 73.68 | 78.75 | 74.91 | 5.07 | 5.72 | 5.23 |
| 37 | Yeast | ANIMAL | No | 72.73 | 85.17 | 82.22 | 84.36 | 3.64 | 3.74 | 3.66 |
| 38 | Fungus | ANIMAL | No | 75.76 | 85.52 | 80.25 | 84.24 | 4.36 | 3.70 | 4.20 |
| 39 | Virus | ANIMAL | No | 75.76 | 92.52 | 70.75 | 87.24 | 4.09 | 5.17 | 4.34 |
| 40 | Tree | ANIMAL | No | 100.00 | 99.12 | . | 99.12 | 2.98 | . | 2.98 |
| 41 | Trout | FISH | Yes | 96.97 | 96.59 | 100.00 | 96.70 | 2.85 | 2.33 | 2.83 |
| 42 | Shark | FISH | Yes | 75.76 | 89.92 | 88.50 | 89.58 | 4.15 | 3.83 | 4.08 |
| 43 | Squid | FISH | Yes | 66.67 | 78.68 | 77.00 | 78.12 | 3.38 | 5.13 | 3.94 |
| 44 | Shrimp | FISH | Yes | 57.58 | 90.21 | 73.71 | 83.21 | 4.62 | 4.47 | 4.56 |
| 45 | Starfish | FISH | No | 54.55 | 73.11 | 80.80 | 76.61 | 5.37 | 3.95 | 4.70 |
| 46 | Crab | FISH | No | 66.67 | 75.95 | 77.45 | 76.45 | 4.80 | 4.19 | 4.59 |


| 47 | Tadpole | FISH | No | 66.67 | 75.86 | 59.36 | 70.36 | 5.58 | 4.18 | 5.05 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 48 | Oyster | FISH | No | 60.61 | 79.35 | 78.92 | 79.18 | 4.68 | 3.61 | 4.25 |
| 49 | Sponge | FISH | No | 87.88 | 76.24 | 70.50 | 75.55 | 5.95 | 1.99 | 5.68 |
| 50 | Alligator | FISH | No | 93.94 | 97.77 | 88.50 | 97.21 | 3.50 | 7.54 | 3.75 |
| 51 | Sofa | FURNITURE | Yes | 100.00 | 99.36 | . | 99.36 | 2.58 | . | 2.58 |
| 52 | Piano | FURNITURE | No | 63.64 | 83.81 | 77.17 | 81.39 | 4.10 | 4.86 | 4.35 |
| 53 | Shelf | FURNITURE | Yes | 96.97 | 89.88 | 77.00 | 89.48 | 4.54 | 3.25 | 4.50 |
| 54 | Rug | FURNITURE | Yes | 63.64 | 81.43 | 81.42 | 81.42 | 4.10 | 4.80 | 4.37 |
| 55 | Lampshade | FURNITURE | Yes | 72.73 | 80.92 | 90.00 | 83.39 | 5.43 | 7.52 | 5.96 |
| 56 | Picnic table | FURNITURE | Yes | 87.88 | 92.03 | 74.00 | 89.85 | 4.42 | 5.04 | 4.49 |
| 57 | Curtains | FURNITURE | No | 60.61 | 83.45 | 77.46 | 81.09 | 4.57 | 4.98 | 4.74 |
| 58 | Clock | FURNITURE | Yes | 57.58 | 80.68 | 82.07 | 81.27 | 5.39 | 4.94 | 5.21 |
| 59 | Pillow | FURNITURE | No | 63.64 | 87.43 | 75.92 | 83.24 | 4.77 | 3.37 | 4.29 |
| 60 | Window | FURNITURE | No | 96.97 | 84.97 | 83.00 | 84.91 | 3.59 | 2.23 | 3.55 |
| 61 | Dress | CLOTHING | Yes | 100.00 | 98.09 | . | 98.09 | 2.89 | . | 2.89 |
| 62 | Bra | CLOTHING | Yes | 96.97 | 97.56 | 83.00 | 97.12 | 2.75 | 7.11 | 2.88 |
| 63 | Cuff Links | CLOTHING | No | 54.55 | 84.78 | 76.80 | 81.15 | 4.60 | 4.43 | 4.53 |
| 64 | Handkerchief | CLOTHING | No | 66.67 | 85.18 | 70.64 | 80.33 | 3.75 | 5.25 | 4.25 |
| 65 | Wig | CLOTHING | No | 63.64 | 79.00 | 86.25 | 81.64 | 5.02 | 4.27 | 4.75 |
| 66 | Wristwatch | CLOTHING | No | 75.76 | 86.92 | 77.50 | 84.64 | 4.42 | 4.92 | 4.54 |
| 67 | Bow tie | CLOTHING | Yes | 84.85 | 93.57 | 80.40 | 91.58 | 3.42 | 6.87 | 3.94 |
| 68 | Headband | CLOTHING | Yes | 51.52 | 87.59 | 82.31 | 85.03 | 4.31 | 4.60 | 4.45 |
| 69 | Makeup | CLOTHING | No | 100.00 | 90.79 |  | 90.79 | 4.05 | . | 4.05 |
| 70 | Contact lens | CLOTHING | No | 93.94 | 93.26 | 80.00 | 92.45 | 3.61 | 7.52 | 3.85 |
| 71 | Physics | SCIENCE | Yes | 100.00 | 99.24 | . | 99.24 | 2.81 | . | 2.81 |
| 72 | Psychology | SCIENCE | Yes | 90.91 | 90.47 | 91.33 | 90.55 | 3.01 | 8.02 | 3.46 |
| 73 | Pharmacy | SCIENCE | No | 54.55 | 88.22 | 87.00 | 87.67 | 5.88 | 4.42 | 5.19 |
| 74 | Economics | SCIENCE | Yes | 60.61 | 90.55 | 70.69 | 82.73 | 3.23 | 6.42 | 4.36 |
| 75 | Geography | SCIENCE | Yes | 60.61 | 82.50 | 73.08 | 78.79 | 5.20 | 6.42 | 5.66 |


| 76 | Architecture | SCIENCE | No | 51.52 | 78.18 | 80.00 | 79.06 | 4.67 | 4.70 | 4.69 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 77 | Sociology | SCIENCE | Yes | 84.85 | 85.32 | 79.40 | 84.42 | 4.08 | 7.00 | 4.54 |
| 78 | Linguistics | SCIENCE | Yes | 72.73 | 82.67 | 69.33 | 79.03 | 4.81 | 5.67 | 5.03 |
| 79 | Philosophy | SCIENCE | No | 60.61 | 81.45 | 80.62 | 81.12 | 4.86 | 4.47 | 4.72 |
| 80 | History | SCIENCE | No | 81.82 | 81.78 | 84.00 | 82.18 | 5.72 | 4.61 | 5.54 |
| 81 | Car | VEHICLE | Yes | 100.00 | 100.00 | . | 100.00 | 2.34 | . | 2.34 |
| 82 | Airplane | VEHICLE | Yes | 96.97 | 91.03 | 100.00 | 91.30 | 4.65 | 7.11 | 4.72 |
| 83 | Wheelchair | VEHICLE | Yes | 66.67 | 79.14 | 70.55 | 76.27 | 6.15 | 5.03 | 5.78 |
| 84 | Tricycle | VEHICLE | Yes | 84.85 | 89.75 | 78.00 | 87.97 | 3.82 | 7.67 | 4.31 |
| 85 | Roller skate | VEHICLE | No | 57.58 | 77.74 | 81.93 | 79.52 | 5.69 | 6.72 | 6.14 |
| 86 | Bulldozer | VEHICLE | Yes | 90.91 | 89.77 | 81.00 | 88.97 | 3.22 | 7.37 | 3.48 |
| 87 | Escalator | VEHICLE | No | 75.76 | 78.64 | 74.63 | 77.67 | 4.87 | 8.52 | 5.55 |
| 88 | Pogo stick | VEHICLE | No | 75.76 | 84.36 | 79.63 | 83.21 | 5.13 | 4.50 | 4.97 |
| 89 | Feet | VEHICLE | No | 84.85 | 82.07 | 96.60 | 84.27 | 4.24 | 3.38 | 4.11 |
| 90 | Bus driver | VEHICLE | No | 93.94 | 91.71 | 69.50 | 90.36 | 3.69 | 5.26 | 3.78 |
| 91 | Baseball | SPORT | Yes | 100.00 | 99.09 | . | 99.09 | 2.70 | . | 2.70 |
| 92 | Bike racing | SPORT | Yes | 100.00 | 98.24 | . | 98.24 | 3.50 | . | 3.50 |
| 93 | Golf | SPORT | Yes | 96.97 | 94.84 | 100.00 | 95.00 | 3.72 | 1.81 | 3.66 |
| 94 | Fishing | SPORT | Yes | 78.79 | 83.38 | 77.14 | 82.06 | 4.16 | 4.63 | 4.25 |
| 95 | Billiards | SPORT | Yes | 72.73 | 86.83 | 70.33 | 82.33 | 4.24 | 5.72 | 4.64 |
| 96 | Working out | SPORT | Yes | 57.58 | 92.37 | 66.64 | 81.45 | 4.47 | 6.13 | 5.16 |
| 97 | Chess | SPORT | Yes | 57.58 | 70.00 | 83.50 | 75.73 | 5.01 | 4.95 | 4.98 |
| 98 | Dancing | SPORT | Yes | 75.76 | 92.84 | 79.00 | 89.48 | 3.22 | 6.89 | 4.11 |
| 99 | Computer games | SPORT | No | 81.82 | 93.56 | 82.17 | 91.48 | 3.87 | 5.40 | 4.15 |
| 100 | Walking the dog | SPORT | No | 75.76 | 81.20 | 64.38 | 77.12 | 4.07 | 4.93 | 4.28 |

## Table 3

The materials used in Experiment 3. For each the table indicates the consensual choice in Experiment 2, and lists the two context passages. The first passage for each item was intended to prime the consensual choice that was found at Experiment 2, and the second passage was intended to prime the nonconsensual choice.

| Item <br> Number | Question | Consensual Answer in Experiment 2 | Scenario | Primed <br> Answer |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Is tomato a fruit? | Yes | You are at the supermarket, buying groceries for the weekend. Your list includes milk, bread, chocolate, rice, orange juice, fruits and vegetables. | Yes |
|  |  |  | A fellow worker has invited you to dinner together with several of his friends. Each of the invited people had been asked to contribute to the meal and you had been asked to prepare a dessert of your choice. You decided to prepare a fruit salad with apples, oranges, banana, figs and raisins. | No |
| 2 | Is olive a fruit? | Yes | The first semester at the University is about to end. You plan to take advantage of the semester break to work in olive harvest to save money for the next school year. This work is exhausting but it keeps you financially stable during the semester. | Yes |
|  |  |  | You throw a party for your best friend. Each of the guests was asked to bring a picture of her with the bride and something sweet. You have decided to bake a fruit cake. For the album you decided to scan a picture of you both from kindergarten period. | No |
| 3 | Is shrimp a fish? | Yes | Imagine that you are on vacation in Thailand on the island of Koh Tao, a famous diving destination. The island is known for its white sand, crystal clear water and rare fish that swim close to the coastline. You are about to dive and see the underwater reef. | Yes |
|  |  |  | You work in a large law firm. During the past few years you have proved yourself and won several important cases. Your boss decided to promote you and you were given your own private office. To make a good impression on your clients you have purchased an aquarium for the entrance. | No |


| 4 | Is squid a fish? | Yes | You live near the Pacific Ocean and love to go to the beach. One of the times you were swimming in the ocean, you noticed a squid swimming beside you. You panicked at first but then remembered that squid are not harmful. | Yes |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | You really want to keep a pet at home. But your spouse does not agree to live with a dog or a cat because they shed their hair. You compromised on buying an aquarium of fish. | No |
| 5 | Is heather a flower? | Yes | Every few months you replant the garden at the entrance to your home. This time you want to plant flower bulbs to add color and vitality to your entrance. | Yes |
|  |  |  | Today you are celebrating your first wedding anniversary with your spouse. You want to do something romantic and give him/her a flower. You're at the flower shop, trying to decide which flower to get. | No |
| 6 | Is architecture a science? | No | You are on a trip in Barcelona with your best friend. You really want to go to the Picasso exhibition whereas your friend wants to visit the Sagrada Familia cathedral. The building is considered to be the last work of Gaudi and the lush decorative elements of the building were sculpted by the architect himself. However, this is a rare opportunity view Picasso's original paintings from different periods of his work. You want to accompany your friend, but also to enjoy the trip. | No |
|  |  |  | You have registered to the Architecture Department at the University. The studies will start within a month. In the first year of studies you will be required to complete courses in physics, structural engineering and building codes. You've never been good with calculations and you're a little afraid of these courses. | Yes |
| 7 | Is psychology a science? | Yes | You are an undergraduate student in psychology. You are offered to work as a research assistant in a laboratory that conducts studies on the brain correlates of human behavior. You need to learn to run brain scanner instruments, like fMRI and ERP. The job requires you to demonstrate great responsibility with the medical devices. | Yes |
|  |  |  | Lately you had a lot of changes in your life and you need to make important decisions. A friend of you advised you to visit psychologist who uses psychoanalysis as a therapeutic method. According to your friend, the treatment will help you get to know yourself better by becoming aware of your subconscious desires. He told you that the therapy helped him to listen to his inner voice. | No |
| 8 | Is dancing a sport? | Yes | Your sister is a salsa dancer. She practices almost every day and travels to competitions abroad. She is a perfectionist and she is a sore loser. Every time she loses she shuts herself in her room for days and thinks that she should retire. You think it makes life very difficult for her. | Yes |


|  |  |  | Your grandfather had a stroke that harmed his ability to function. As a consequence, he moved into a nursing home. When you visit him you mainly play chess and he usually wins. You love him for his serenity, his smile, and his dance moves. You wish you had more time together. | No |
| :---: | :---: | :---: | :---: | :---: |
| 9 | Is fishing a sport? | Yes | Every weekend you and three of your friends go fishing on the banks of the lake. Your friend Chris was the one who pulled you into this. Each time, the four of you organize a competition and count who catches the most fish. Chris always wins. Every weekend you return exhausted, but eager for the next time. | Yes |
|  |  |  | When you were young your grandfather used to take you fishing at the banks of the lake. It was your quality time together. You still remember the blue peaceful water, the singing of the birds and the feeling of freedom as a child. | No |
| 10 | Is rug furniture? | Yes | You have a meeting with an important client in a prestigious conference. While waiting for your partner to arrive, you notice that the room is furnished with an antique wooden table, a white leather sofa and an impressive Persian rug. You were glad that you had prepared yourself well for that meeting. | Yes |
|  |  |  | You have lived for many years in a city, but now you live with your family in a pastoral and quiet village. Your spouse and you are traveling to the city for a designers' store to buy new furniture. | No |

## Table 4

The percentages of induced choices in the neutral, biasing context, and no-context conditions for each of the 10 items (Experiment 3 ).

| Item | Biasing context | Neutral context | No context |
| :---: | :---: | :---: | :---: |
| 1 | $86.11 \%$ | $63.89 \%$ | $21.21 \%$ |
| 2 | $83.33 \%$ | $55.56 \%$ | $45.45 \%$ |
| 3 | $77.78 \%$ | $55.56 \%$ | $42.42 \%$ |
| 4 | $66.67 \%$ | $50.00 \%$ | $33.33 \%$ |
| 5 | $45.71 \%$ | $31.43 \%$ | $39.39 \%$ |
| 7 | $86.11 \%$ | $38.89 \%$ | $48.48 \%$ |
| 8 | $33.33 \%$ | $8.33 \%$ | $9.09 \%$ |
| 9 | $91.67 \%$ | $13.89 \%$ | $24.24 \%$ |
| 10 | $77.78 \%$ | $25.00 \%$ | $21.21 \%$ |
| Mean | $\mathbf{6 9 . 0 2 \%}$ | $31.67 \%$ | $\mathbf{3 7 . 5 9 \%}$ |

