**Table S1:** List of International Affective Picture System (IAPS) pictures used in this study

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Set A** | |  |  |  | **Set B** | |  |  |  |
| **OLD PICTURES** | | | | | | | | | |
| Category | # | Description | Valence | Arousal | Category | # | Description | Valence | Arousal |
| **Negative** | 1070 | Snake | 3.96 | 6.16 | **Negative** | 2230 | Sad Face | 4.53 | 4.13 |
|  | 1090 | Snake | 3.70 | 5.88 |  | 2312 | Mother | 3.71 | 4.02 |
|  | 1275 | Roaches | 3.30 | 4.81 |  | 2590 | Eld. Woman | 3.26 | 3.93 |
|  | 2520 | Elderly | 4.13 | 4.22 |  | 3063 | Mutilation | 1.49 | 6.35 |
|  | 2722 | Jail | 3.47 | 3.52 |  | 3068 | Mutilation | 1.80 | 6.77 |
|  | 3030 | Mutilation | 1.91 | 6.76 |  | 3102 | Burn. Victim | 1.40 | 6.58 |
|  | 3100 | Burn. Victim | 1.60 | 6.49 |  | 3170 | Baby | 1.46 | 7.21 |
|  | 3140 | Body | 1.83 | 6.36 |  | 3180 | Battered | 1.92 | 5.77 |
|  | 3150 | Finger | 2.26 | 6.55 |  | 3230 | Dying | 2.02 | 5.41 |
|  | 6010 | Jail | 3.73 | 3.95 |  | 3550 | Injury | 2.54 | 5.92 |
|  | 6200 | Aimed Gun | 2.71 | 6.21 |  | 7234 | Iron. Board | 4.23 | 2.96 |
|  | 6350 | Attack | 1.90 | 7.29 |  | 7700 | Office | 4.25 | 2.95 |
|  | 7060 | Trash Can | 4.43 | 2.55 |  | 9000 | Cemetery | 2.55 | 4.06 |
|  | 9010 | Barbed Wire | 3.94 | 4.14 |  | 9001 | Cemetery | 3.10 | 3.67 |
|  | 9110 | Puddle | 3.76 | 3.98 |  | 9140 | Cow | 2.19 | 5.38 |
|  | 9330 | Garbage | 2.89 | 4.35 |  | 9180 | Seal | 2.99 | 5.02 |
|  | 9331 | Homeless | 2.87 | 3.85 |  | 9250 | War Victim | 2.57 | 6.60 |
|  | 9390 | Dishes | 3.67 | 4.14 |  | 9265 | Hung Man | 2.60 | 4.34 |
|  |  |  |  |  |  |  |  |  |  |
| **Neutral** | 2200 | Neutral | 4.79 | 3.18 | **Neutral** | 2190 | Man | 4.83 | 2.41 |
|  | 2214 | Man | 5.01 | 3.46 |  | 5534 | Mushroom | 4.84 | 3.14 |
|  | 2381 | Girl | 5.25 | 3.04 |  | 5740 | Plant | 5.21 | 2.59 |
|  | 2890 | Twins | 4.95 | 2.95 |  | 7002 | Towel | 4.97 | 3.16 |
|  | 5500 | Mushroom | 5.42 | 3.00 |  | 7006 | Bowl | 4.88 | 2.33 |
|  | 5510 | Mushroom | 5.15 | 2.82 |  | 7031 | Shoes | 4.52 | 2.03 |
|  | 7004 | Spoon | 5.04 | 2.00 |  | 7035 | Mug | 4.98 | 2.66 |
|  | 7025 | Stool | 4.63 | 2.71 |  | 7090 | Book | 5.19 | 2.61 |
|  | 7034 | Hammer | 4.95 | 3.06 |  | 7130 | Truck | 4.77 | 3.35 |
|  | 7037 | Trains | 4.81 | 3.71 |  | 7185 | Abstract | 4.97 | 2.64 |
|  | 7041 | Baskets | 4.99 | 2.60 |  | 7190 | Clock | 5.55 | 3.84 |
|  | 7050 | Hair dryer | 4.93 | 2.75 |  | 7207 | Beads | 5.15 | 3.57 |
|  | 7150 | Umbrella | 4.72 | 2.61 |  | 7493 | Man | 5.35 | 3.39 |
|  | 7160 | Fabric | 5.02 | 3.07 |  | 7550 | Office | 5.27 | 3.95 |
|  | 7175 | Lamp | 4.87 | 1.72 |  | 7820 | Agate | 5.39 | 4.21 |
|  | 7182 | Checkerboard | 5.16 | 4.02 |  | 7950 | Tissue | 4.94 | 2.28 |
|  | 7184 | Abstract Art | 4.84 | 3.66 |  | 9070 | Boy | 5.01 | 3.63 |
|  | 7705 | Cabinet | 4.77 | 2.65 |  | 9700 | Trash | 4.77 | 3.21 |
| **Table S1** continued | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |
| **Positive** | 1540 | Cat | 7.15 | 4.54 | **Positive** | 1600 | Horse | 7.37 | 4.05 |
|  | 1750 | Bunnies | 8.28 | 4.1 |  | 1610 | Rabbit | 7.69 | 3.98 |
|  | 2050 | Happy baby | 8.20 | 4.57 |  | 2030 | Woman | 6.71 | 4.54 |
|  | 2160 | Fath. & baby | 7.58 | 5.16 |  | 2040 | Happy baby | 8.17 | 4.64 |
|  | 2250 | Baby | 6.64 | 4.19 |  | 2057 | Baby & Fath. | 7.81 | 4.54 |
|  | 2340 | Older man | 8.03 | 4.9 |  | 2240 | Neutral | 6.53 | 3.75 |
|  | 4210 | Female Nude | 5.72 | 6.08 |  | 4250 | Erotic fem. | 6.79 | 5.16 |
|  | 4572 | Erotic Male | 6.15 | 4.8 |  | 4530 | Nude male | 6.19 | 5.31 |
|  | 4610 | Couple | 7.29 | 5.1 |  | 4624 | Couple | 6.84 | 5.02 |
|  | 4659 | Erotic Couple | 6.87 | 6.93 |  | 4680 | Erotic couple | 7.25 | 6.02 |
|  | 5200 | Flowers | 7.36 | 3.2 |  | 7280 | Wines | 7.20 | 4.46 |
|  | 5600 | Mountain | 7.57 | 5.19 |  | 7350 | Pizza | 7.10 | 4.97 |
|  | 5760 | Outdoors | 8.05 | 3.22 |  | 7460 | French fries | 6.81 | 5.12 |
|  | 7260 | Cake | 7.21 | 5.11 |  | 8120 | Tennis | 7.09 | 4.85 |
|  | 7270 | Ice Cream | 7.53 | 5.76 |  | 8180 | Cliff Diving | 7.12 | 6.59 |
|  | 8030 | Ski jump | 7.33 | 7.35 |  | 8186 | Sky surfing | 7.01 | 6.84 |
|  | 8090 | Gymnastics | 7.02 | 5.71 |  | 8210 | Boat | 7.53 | 5.94 |
|  | 8200 | Water ski | 7.54 | 6.35 |  | 8500 | Gold | 6.96 | 5.6 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| NEW (DISTRACTOR) PICTURES | | | | | | | | | |
| **Negative** | 1112 | Snake | 4.71 | 4.6 | **Negative** | 1200 | Spider | 3.95 | 6.03 |
|  | 1113 | Snake | 3.81 | 6.06 |  | 2110 | Angry face | 3.34 | 5.18 |
|  | 1205 | Spider | 3.65 | 5.79 |  | 2276 | Girl | 2.67 | 4.63 |
|  | 1270 | Roach | 3.68 | 4.77 |  | 2810 | Boy | 4.31 | 4.47 |
|  | 2100 | Angry face | 3.85 | 4.53 |  | 3080 | Mutilation | 1.48 | 7.22 |
|  | 3015 | Accident | 1.52 | 5.9 |  | 3101 | Burnt face | 1.91 | 5.6 |
|  | 3064 | Mutilation | 1.45 | 6.41 |  | 3168 | Mutilation | 1.56 | 6 |
|  | 3160 | Eye disease | 2.63 | 5.35 |  | 3181 | Batter | 2.30 | 5.06 |
|  | 3280 | Dental exam | 3.72 | 5.39 |  | 3261 | Tumor | 1.82 | 5.75 |
|  | 3350 | Child | 1.88 | 5.72 |  | 3266 | Injury | 1.56 | 6.79 |
|  | 9040 | Child | 1.67 | 5.82 |  | 3301 | Injured | 1.80 | 5.21 |
|  | 9041 | Scared child | 2.98 | 4.64 |  | 6311 | Distress. fem. | 2.58 | 4.95 |
|  | 9045 | Native female | 3.75 | 3.89 |  | 8010 | Runner | 4.38 | 4.12 |
|  | 9090 | Exhaust | 3.56 | 3.97 |  | 9007 | Needle | 3.10 | 3.67 |
|  | 9101 | Cocaine | 3.62 | 4.02 |  | 9046 | Family | 3.32 | 4.31 |
|  | 9190 | Woman | 3.90 | 3.91 |  | 9220 | Cemetery | 2.06 | 4 |
|  | 9290 | Garbage | 2.88 | 4.4 |  | 9360 | Empty pool | 4.03 | 2.63 |
|  | 9500 | Porpoise | 2.42 | 5.82 |  | 9440 | Skulls | 3.67 | 4.55 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Table S1** continued | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |
| **Neutral** | 1670 | Cow | 5.82 | 3.33 | **Neutral** | 2840 | Chess | 4.91 | 2.43 |
|  | 2215 | Neut. Man | 4.63 | 3.38 |  | 2880 | Shadow | 5.18 | 2.96 |
|  | 2280 | Boy | 4.22 | 3.77 |  | 5130 | Rocks | 4.45 | 2.51 |
|  | 2320 | Girl | 6.17 | 2.9 |  | 5390 | Boat | 5.59 | 2.88 |
|  | 5520 | Mushroom | 5.33 | 2.95 |  | 5731 | Flowers | 5.39 | 2.74 |
|  | 5530 | Mushroom | 5.38 | 2.87 |  | 7040 | Dust pan | 4.69 | 2.69 |
|  | 6000 | Prison | 4.04 | 4.91 |  | 7170 | Light bulb | 5.14 | 3.21 |
|  | 6150 | Outlet | 5.08 | 3.22 |  | 7179 | Rug | 5.06 | 2.88 |
|  | 7000 | Rolling | 5.00 | 2.42 |  | 7205 | Scarves | 5.56 | 2.93 |
|  | 7010 | Basket | 4.94 | 1.76 |  | 7217 | Clothes | 4.82 | 2.43 |
|  | 7020 | Fan | 4.97 | 2.17 |  | 7224 | File cabinet | 4.45 | 2.81 |
|  | 7030 | Iron | 4.69 | 2.99 |  | 7233 | Plate | 5.09 | 2.77 |
|  | 7080 | Fork | 5.27 | 2.32 |  | 7237 | Abstract | 5.43 | 3.88 |
|  | 7100 | Fire hydrant | 5.24 | 2.89 |  | 7490 | Window | 5.52 | 2.42 |
|  | 7110 | Hammer | 4.55 | 2.27 |  | 7491 | Building | 4.82 | 2.39 |
|  | 7161 | Pole | 4.98 | 2.98 |  | 7500 | Building | 5.33 | 3.26 |
|  | 7187 | Abstract art | 5.07 | 2.3 |  | 7560 | Freeway | 4.47 | 5.24 |
|  | 7235 | Chair | 4.96 | 2.83 |  | 7830 | Agate | 5.26 | 4.08 |
|  |  |  |  |  |  |  |  |  |  |
| **Positive** | 1460 | Kitten | 8.21 | 4.31 | **Positive** | 1590 | Horse | 7.24 | 4.8 |
|  | 1740 | Owl | 6.91 | 4.27 |  | 1620 | Sprgbok | 7.37 | 3.54 |
|  | 2150 | Father | 7.92 | 5 |  | 2071 | Baby | 7.86 | 5 |
|  | 2530 | Elderly | 7.80 | 3.99 |  | 2080 | Baby | 8.09 | 4.7 |
|  | 2540 | Mother | 7.63 | 3.97 |  | 2270 | Child | 6.28 | 3.15 |
|  | 4180 | Female nude | 6.21 | 5.54 |  | 2510 | Old woman | 6.91 | 4 |
|  | 4490 | Erotic male | 6.27 | 6.06 |  | 4220 | Erotic female | 8.02 | 7.17 |
|  | 4603 | Romance | 7.10 | 4.89 |  | 4520 | Erotic male | 6.16 | 4.8 |
|  | 4650 | Couple | 6.96 | 5.67 |  | 4599 | Romance | 7.12 | 5.69 |
|  | 4660 | Erotic couple | 7.40 | 6.58 |  | 4652 | Couple | 6.79 | 6.62 |
|  | 5001 | Sun flower | 7.16 | 3.79 |  | 4800 | Erotic couple | 6.44 | 7.07 |
|  | 5830 | Sunset | 8.00 | 4.92 |  | 7230 | Turkey | 7.38 | 5.52 |
|  | 7200 | Brownie | 7.63 | 4.87 |  | 7325 | Water melon | 7.06 | 3.55 |
|  | 7330 | Ice cream | 7.69 | 5.14 |  | 7470 | Pan cakes | 7.08 | 4.64 |
|  | 7400 | Candy | 7.00 | 5.06 |  | 7481 | Food | 6.53 | 4.92 |
|  | 7580 | Desert | 7.51 | 4.59 |  | 8080 | Sailing | 7.73 | 6.65 |
|  | 8170 | Sail boat | 7.63 | 6.12 |  | 8190 | Skier | 8.10 | 6.28 |
|  | 8185 | Sky dive | 7.57 | 7.27 |  | 8460 | Runner | 6.40 | 4.55 |

***References:*** *Lang, P.J., Bradley, M.M., & Cuthbert, B.N. (2008). International affective picture system (IAPS): Affective ratings of pictures and instruction manual. Technical Report A-8. University of Florida, Gainesville, FL*