**Appendix 1**. Stimuli for the four critical prime conditions and the target words.

|  |  |
| --- | --- |
| **prime** | **target** |
| **unrelated** | **semantic** | **action** | **visual** |  |
| Salatschüssel*salad bowl* | Fischnetz*fishing net* | Peitsche*whip* | Autoantenne*radio antenna* | Angelrute*fishing rod* |
| Gürtelschnalle*belt buckle* | Gummistiefel*rainboots* | Fahrradluftpumpe*bike pump* | Heizpilz*patio heater* | Regenschirm*umbrella* |
| Klappstuhl*folding chair* | Benzinkanister*gas tank* | Nussknacker*nutcracker* | Spielautomat*slot machine* | Zapfsäule*gas pump* |
| Alufolie*aluminum foil* | Dieselmotor*diesel engine* | Tresortür*vault door* | Autoreifen*car tires* | Steuerrad*steering wheel* |
| Mülltüte*trashbag* | Notizbuch*notebook* | Essstäbchen*chopsticks* | Laserpointer*laser pointer* | Kugelschreiber*ballpoint pen* |
| Brechstange*crowbar* | Reflektor*reflector* | Fernbedienung*remote control* | Mikrophon*microphone* | Taschenlampe*flashlight* |
| Zigarettenschachtel *cigarette box* | Federball*shuttlecock* | Fliegenklatsche*fly swatter* | Sieb*colander* | Tennischläger*tennis racket* |
| Nähmaschine*sewing machine* | Schwimmweste*life jacket* | Wischmop*mop* | Löffel*spoon* | Paddel*oar* |
| Motorsense*grass mower* | Bleistiftspitzer*pencil sharpener* | Klebestift*gluestick* | USB-Stick*memory stick* | Radiergummi*eraser* |
| Heizkörper*radiator* | Bettvorleger*rug* | Baseballschläger*baseball bat* | Kochlöffel*cooking spatula* | Teppichklopfer*carpet beater* |
| Skistock*ski pole* | Trompete*trumpet* | Blasebalg*bellows* | Fächer*Chinese fan* | Accordeon*accordion* |
| Teebeutel*teabag* | Videokamera*video camera* | Haarspray*hairspray* | Walkman*walkman* | Fotokamera*camera* |
| Serviette*napkin* | Schraubenschlüssel*wrench* | Fahrradbremse*bike brakes* | Wünschelrute*dowsing rods* | Zange*pliers* |
| Kaffeetasse*coffee cup* | Schubkarre*wheelbarrow* | Staubsauger*vacuum cleaner* | Schneeschieber*snow shovel* | Schaufel*shovel* |
| Funkgeräte*walkie-talkie* | Zielscheibe*dartboard* | Papierflieger*paper plane* | Spritze*syringe* | Dartpfeil*dart* |
| Blutdruckmesser*blood pressure monitor* | Weinglas*wine glass* | Türknopf*doorknob* | Spiralfeder*coil spring* | Korkenzieher*corkscrew* |
| Ladegerät*battery charger* | Dübel*rawlplug* | Haustürschlüssel*housekey* | Lötkolben*soldering iron* | Schraubenzieher*screwdriver* |
| Stehlampe*floor lamp* | Flaschenetikett*bottle label* | Wasserhahn*faucet* | Münze*coin* | Schraubverschluss*bottlecap* |
| Handschuh*glove* | Heizdraht*heating coil* | Toilettenspülung*toilet flush* | Kofferradio*radio* | Toaster*toaster* |
| Schlagzeug*drumkit* | Leuchtdiode*LED* | Lautstärkeregler*volume knob* | Frühstücksei*egg* | Glühbirne*lightbulb* |
| Gartenschlauch*garden hose* | Pizza*pizza* | Schuhbürste*shoebrush* | Gitterrost*wire grate* | Käsereibe*cheese grater* |
| Klappbett*folding bed* | Maßband*tape measure* | Feuerzeug*lighter* | Barometer*barometer* | Stoppuhr*stopwatch* |
| Hundeleine*dog leash* | Waschmaschine*washing machine* | Cellobogen*cello bow* | Maurerkelle*trowel* | Bügeleisen*clothes iron* |
| Registrierkasse*cash register* | Gummi*eraser* | Trillerpfeife*whistle* | Motorradhelm*helmet* | Luftballon*balloon* |

**Appendix 2.** Norming data for the four conditions rated along semantic, action, and visual relatedness on a scale of 1 (not related) to 7 (highly related). Standard deviation values within parentheses.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **semantic relatedness** | **action relatedness** | **visual relatedness** |
| **unrelated** | 1.3 (*0.6*) | 1.3 (*0.6*) | 1.2 (*0.6*) |
| **semantic** | 6.0 (*1.0*) | 1.9 (*1.1*) | 1.7 (*1.0*) |
| **action** | 1.7 (*1.0*) | 5.9 (*1.0*) | 1.7 (*1.0*) |
| **visual** | 1.6 (*1.0*) | 1.6 (*1.0*) | 5.9 (*1.1*) |

**Appendix 3.** Mean word frequencies and lengths of primes and targets for the four conditions. Standard deviation values within parentheses. Note that the same targets are used across conditions.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **prime word** |  | **target word** |
|  | **frequency** | **length** |  |  | **frequency** | **length** |
| **unrelated** | 1.08 (*0.6*) | 10.8 (*2.8*) |  |  | 1.36 (*0.5*) | 10.3 (*2.9*) |
| **semantic** | 1.28 (*0.7*) | 10.4 (*3.4*) |  |
| **action** | 1.20 (*0.6*) | 11.7 (*2.9*) |  |
| **visual** | 1.17 (*0.7*) | 9.5 (*2.6*) |  |