A. Further Experiment Details

We found many proper nouns and words that would normally be capitalized in the 120,000 most frequent lower-case words from GNEWS. To remove these words, for each capitalized entry, such as *New_York*, we removed it and also less frequent entries (ignoring spacing) such *newyork* if the lower-case form was less frequent than the upper-case word according to the WE frequency. (For example, the WE has 13 entries that are equivalent to *New_York* up to capitalization and punctuation.)

To disincentivize people from randomly clicking, a slight pause (600 ms) was introduced between the presentation of each word and the interface required the person to wait until all six words had been presented before clicking. In each presentation, words were shuffled to randomize the effects of positional biases. The fractions of clicks on the different locations did suggest a slight positional bias with click percentages varying from 15.7% to 18.6%.

We refer to the three humor-judging experiments by the numbers of words used: 120k, 8k, and 216. In the 120k experiment, each string was shown to at least three different participants in three different sextuplets. 80,062 strings were not selected by any participant, consistent with EH's finding that the vast majority of words are not found to be funny. The 8k experiment applied the same procedure (except without a "none are humorous" option) to the 8,120 words that were chosen as the most humorous in a majority (1/2 or more) of the sextuples they were shown. Each word was shown to at least 15 different participants in random sextuples. The list of 216 words is in the appendix. A slight inconsistency may be found in the published data in that we have removed duplicates where one person voted on the same word more than once, however in forming our sets of 8,120 and 216 words we did not remove duplicates.

B. Further Materials and Findings

The 216 top-rated words, sorted in order of mean humor ratings (funniest first), used in the main crowdsourcing experiment:

asshattery, clusterfuck, douchebaggery, poppycock, craptacular, cockamamie, gobbledegook, nincompoops, wanker, kerfuffle, cockle pickers, pussyfooting, tiddlywinks, higgledy piggledy, kumquats, boondoggle, doohickey, annus horribilis, codswallop, shuttlecock, bejeezus, bamboozle, whakapapa, artsy fartsy, pooper scoopers, fugly, dunderheaded, dongles, didgeridoo, dickering, bacon butties, woolly buggers, pooch punt, twaddle, dabbawalas, goober, apeshit, nut butters, hoity toity, glockenspiel, diktats, mollycoddling, pussy willows, bupkis, tighty whities, nut flush, namby pamby, bugaboos, hullaballoo, hoo hah, crapola, jerkbaits, batshit, schnitzels, sexual napalm, arseholes, buffoonery, lollygag, weenies, twat, diddling, cockapoo, boob tube, galumphing, ramrodded, schlubby, poobahs, dickheads, fufu, nutjobs, skedaddle, crack whore, dingbat, bitch slap, razzmatazz, wazoo, schmuck, cock ups, boobies, cummerbunds, stinkbait, gazumped, moobs, bushwhacked, dong, pickleball, rat ass, bootlickers, skivvies, belly putter, spelunking, faffing, spermatogenesis, butt cheeks, blue tits, monkeypox, cuckolded, wingnuts, muffed punt, ballyhoo, niggly, cocksure, oompah, trillion dong, shiitake, cockling, schlocky, portaloos, pupusas, thrust reverser, pooja, schmaltzy, wet noodle, piggeries, weaner, chokecherry, tchotchkes, titties, doodad, troglodyte, nookie, annulus, poo poo, semen samples, nutted, foppish, muumuu, poundage, drunken yobs, yabbies, chub, butt whipping, noobs, ham fisted, pee pee, woo woo, squeegee, flabbergasted, yadda yadda, dangdut, coxless pairs, twerps, tootsies, big honkin, porgies, dangly, guffawing, wussies, thingies, bunkum, wedgie, kooky, knuckleheads, nuttin, mofo, fishmonger, thwack, teats, peewee, cocking, wigwams, red wigglers, priggish, hoopla, poo, twanged, snog, pissy, poofy, newshole, dugong, goop, whacking, viagogo, chuppah, fruitcakes, caboose, cockfights, hippocampus, vindaloo, holeshot, hoodoo, clickety clack, backhoes, loofah, skink, party poopers, civvies, quibble, whizzy, gigolo, bunged, whupping, weevil, spliffs, toonie, gobby, infarct, chuffed, gassy, crotches, chits, proggy, doncha, yodelling, snazzy, fusarium, bitty, warbled, guppies, noshes, dodgems, lard, meerkats, lambast, chawl

Tables 7 and 4 present binary comparisons of the funniest words by gender (female vs. male) and nationality (India vs. U.S.).

Table 4. Among our set of 216 words (including phrases), the ten with most confident differences in ratings from people in India and the U.S. (using a two-sided t-test and Bonferoni correction). There is a strong (0.45) correlation between word length and difference in rating between U.S. and India.

Word rated funnier in India	adjusted p-value	Word rated funnier in U.S.	adjusted p-value
poo poo	6.2e-14	codswallop	4.5e-25
pissy	2.4e-12	craptacular	5.7e-22
woo woo	5.4e-12	asshattery	4.2e-20
poofy	9.2e-11	kerfuffle	1.3e-19
gigolo	3.2e-10	gobbledegook	3e-18
muumuu	4.5e-10	glockenspiel	2.9e-17
pee pee	6.2e-10	clusterfuck	2.4e-16
guppies	2.4e-09	ramrodded	1.8e-13
gassy	1e-07	douchebaggery	9.4e-13
boobies	4.2e-07	twaddle	4.7e-12

Table 5. The ten words rated funniest in our study, their female/male mean rating discrepancy (if significant), and some features of these words.

	FM	sound	juxtaposition	colloquial	insulting	sexual	scatological
asshattery			✓	✓	✓	✓	✓
clusterfuck	M		✓	✓		✓	✓
douchebaggery				✓	✓		
poppycock	M	✓	✓			✓	
craptacular					✓		✓
cockamamie	F				✓	✓	
gobbledegook	F	✓					
nincompoops	F	✓	✓	✓	✓		✓
wanker	M			✓	✓	✓	
kerfuffle	F	✓		✓			

Table 6. 10 most highly annotated words in each humor feature category.

Colloquial	Insulting	Juxtaposition	Scatological	Sexual	Funny sounding
dissing	fuckers	party poopers	dog poop	foreskins	lollygag
wee lad	douche	hippocampus	dung	scrotum	gobbledegook
clusterfuck	dickheads	pooch punt	pooper scoopers	nudism	ballyhoo
twat	nincompoops	port potties	poo poo	nutted	tiddlywinks
mofo	asshat	bacon butties	urination	blue tits	higgledy piggledy
fugly	wussies	sexual napalm	apeshit	boobies	schlubby
flimflam	twat	pickleball	poo	pussyfooting	hobnobbing
woo woo	crack whore	pussyfooting	butt cheeks	crotches	hoo hah
crack whore	rat ass	boob tube	crapola	vibrators	didgeridoo
nutjobs	smartass	jobholders rose	diaper clad	masturbating	poppycock

Table 7. Among our set of 216 words (including phrases), the ten with most confident differences in ratings across gender (again using a two-sided t-test and Bonferoni correction).

Word rated funnier by F	adjusted p-value	Word rated funnier by M	adjusted p-value
whakapapa	3.2e-04	sexual napalm	2.1e-11
doohickey	0.0011	poundage	1.3e-05
namby pamby	0.0014	titties	2.6e-05
hullaballoo	0.003	dong	3.2e-05
higgledy piggledy	0.0039	jerkbaits	7.4e-05
gobbledegook	0.0047	semen samples	1.8e-04
schlocky	0.008	nutted	0.0019
gazumped	0.014	cock ups	0.0021
kooky	0.026	boobies	0.0027
schmaltzy	0.033	nut butters	0.004