INITIAL-FRIENDLY AND FRIENDLY INITIAL LETTERS

ANIL
Perth, Australia

Which letters form words with the most added initial letters? Excluding abbreviations, proper nouns and affixes, I answer the question for monograms to tetragrams. I used only Collins Scrabble Dict. (CoSD), Websters Third New International Dict. (Web 3) and Merriam-Webster’s Pocket Dict. (MWPD), so any of my lists might be enlarged from other sources.

Palmer Peterson ('72-120) presented one incomplete study of initial variations, 10 cases of xAT trigrams (plus three proper nouns). Adding on the 11 common words he excluded (bat, cat, etc.), presumably taking them for granted, gives a total of 21. Jeff Grant brought the list to 24, mostly from OED, or a full 26 including proper nouns. I thank Jeff for additional help as well.

Alan Frank ('84-37) and Jeff ('84-83) asked a similar question to mine but allowed transposals. Recently ('16-137) Ross Eckler explored the much broader question of N-crash word lists (= same-slot variation word ladders), limiting his study to the MWPD. The longest common-word initial-friendly bigram he found was AY with 14 examples (bay, cay, etc.).

To save a lot of space, I mostly give only list sizes without examples, but I name all the letters that do not form words with the given ending (because they are many fewer). Add the endings to the unnamed letters for the examples. Their meanings can be found in at least one of my sources. The generally much sparser MWPD results are given in [ ] brackets for popularity’s sake.

Friendliest Monograms
These monograms form the given numbers of 2-letter words in CoSD or Web3 when preceded by the unnamed letters.
19 [0]: A (welcomes as initial all letters but IOQRUVX; i.e., aA, bA, cA, etc., are listed words)
18 [5]: E (not IJKLQUXZ) (U had only 10, Y only 8.) [MWPD had BHMWY.]
17 [1]: I (not CEIJNUYZ); [5] O (not ACEFQRUVX) [MWPD had only P.]

Friendliest Bigrams
24 [10]: AT (not IJ): 19 + Jeff’s 5 gap-fillers (3 in Peterson): aat (aat), dat (daut), uat (witen), yat (gate), zat (zax, or ‘howzat’), plus 2 proper frames, I’at (Lebanon) and Jat (people), for 26.
19 [1]: ES (not EKNQSUZ)
18: [2] AS (not CIJOQSUX); [9] IN (not CEIMNOUX); [1] IS (not EJFRUYZ)
17: [10] AG (not AEIKOPQUX); [10] AP (not AEIKOQUVX); [8] AW (no ABEIOQUXZ); [14, Eckler] AY (not AEIOQUVZX)

Treating any part of speech as a word per se (ie, a noun) for “nonce plurals” of listed bigrams gives:
22: ES (19 above, listed, + 3 nonce plurals: ees, nes, ’ses)
21: AS (18 above + 3 nonces: ca’s, jas, sas)
19: IS (18 above + 1 nonce: ris)
18: OS (15 words + 3 nonces: jos, tos, yos > all but AEFQURUVX).
Friendliest Trigrams
22-24 [0; 9 inferred]: ATS (22 of above bigrams + 2 nonce plurals: uats, zats; not IJ)
19 [12]: ILL (not AEIOQUX)
18 [9]: INE (not GIJOQUXY)
16: [9] ARE (not AEIJKOQUXZ); [10] EST (not ADEIMOQUX)
19-16: Adding nonce (or legit) plurals or possessives to any friendly bigram above gives the same result for its trigram. In two cases adding S produces additional, non-plural words:
17: ONS (16 ON bigrams + P, pons)

Friendliest Tetragrams
19 [0; 12 inferred]: ILLS (All the -ill trigrams above have listed plurals.)
17-18 [0; 9 inferred]: INES (17 listed words + nonce plural aines)
15-16 [0; 8 inferred]: ARES (15 listed words + nonce plural yares)
15 [8]: IGH (not CGIJOQUVXYZ)
14-15 [0; 9 inferred]: ATES (14 listed, not AEIJKOQUWZX; + nonce plural wates)

Friendliest Initials
Turning the other check, which initials are friendly to the most second letters? Web3 and CoSD combined gave these results for initials with the most second letter friends in listed words (any length)—minus or plus abbreviations, proper nouns, and words with a hyphen after the first letter.
26: [26] A, [24] O (These two form words with any second letter.) [For O, MWPD lacks JQ.]
25-26 [24]: E (no Z) > 26 with proper nouns (Ezra, Ezekiel, eztc.) [MWPD lacks HZ.]
25-26 [14]: I (no Q) > 26 with proper nouns (Iquito [people]) [MWPD lacks AEIJKPQUWZX.]
24-25 [17]: S (no SX) > 25 with initial hyphens (S-shaped) [MWPD lacks DBFGJRSXZ.]
22 [11]: U (no OQUY) [MWPD welcomes only BDGKLMNPST.]
20-22 [7]: M (no CFJKQRT) > 22 with proper nouns and hyphens (McCarthyism; M-Q developer)
18 [5]: Y (no HJKQVWXYZ) <[MWPD has AEIOU; \ has AEINOUY.]; \ has AEHIORSUWXYZ.]
17-20 [11]: T (no BDGKPQTVX) > 20 with proper nouns and hyphens (t-bone; t-tube; TV as a word)

Jeff Grant, who happens to be working on a dictionary of initial bigrams (“From Aavovgel to Zzyzx”), filled in many of the above gaps from OED. Most are obsolete forms or variants.
25> 26: I add Q (iquence, in a quotation under ‘i-quence’) > 26 without capitals or hyphens
22> 25: U add OUY (uox, uuenan, uyle) (no Q)
22> 23: M add CT (mcleod [Web3 under mac-], mtepe) (no FJK)
18> 24: Y add HKQVYZ (yhere, yknow, yqueume, yveresce, yye, yzard) (no JX)
19> 21: T add PV (tphrowh, tvorog) = 21 without caps but with hyphens (no DGKQX).