Gender difference - model comparison

| field | term | coef\_printed | sig\_printed | se\_printed | coef\_online | sig\_online | se\_online | coef\_twitter | sig\_twitter | se\_twitter | model |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Arts & Humanities | Inferred gender (reference: man) | -0.73774 | \* | (0.29) | -0.24187 |  | (0.16615) | -0.80054 |  | (0.78434) | linear\_2019 |
| Arts & Humanities | Inferred gender (reference: man) | -0.63432 | \* | (0.2306) | -0.35018 |  | (0.30456) | -0.54211 |  | (0.80391) | linear\_grants |
| Arts & Humanities | Inferred gender (reference: man) | -0.04351 |  | (0.04344) | -0.01407 |  | (0.03289) | 0.01367 |  | (0.04173) | linear\_log |
| Arts & Humanities | Inferred gender (reference: man) | -0.07046 |  | (0.04791) | -0.01878 |  | (0.02477) | 0.01876 |  | (0.04447) | linear\_log\_2019 |
| Arts & Humanities | Inferred gender (reference: man) | -0.23352 | \* | (0.10709) | -0.02226 |  | (0.04946) | 0.04312 |  | (0.0953) | linear\_log\_nolag |
| Arts & Humanities | Inferred gender (reference: man) | -0.63445 | \* | (0.23267) | -0.35072 |  | (0.30458) | -0.53102 |  | (0.80404) | linear\_main |
| Arts & Humanities | Inferred gender (reference: man) | -0.63445 | \* | (0.23267) | -0.35072 |  | (0.30458) | -0.53102 |  | (0.80404) | linear\_no\_public |
| Arts & Humanities | Inferred gender (reference: man) | -0.04351 |  | (0.04344) | -0.01407 |  | (0.03289) | 0.01367 |  | (0.04173) | linear\_no\_public\_log |
| Arts & Humanities | Inferred gender (reference: man) | -2.24575 | \* | (0.71849) | -0.38334 |  | (0.35878) | -0.85497 |  | (1.19527) | linear\_nolag |
| Arts & Humanities | Inferred gender (reference: man) | 0.05535 |  | (0.11611) | 0.15269 |  | (0.16532) | 0.40161 | \* | (0.15078) | logit\_any |
| Arts & Humanities | Inferred gender (reference: man) | -0.34932 |  | (0.24179) | 0.34467 |  | (0.23896) | 0.29569 |  | (0.19146) | logit\_top\_10 |
| Arts & Humanities | Inferred gender (reference: man) | -0.07770 |  | (0.15318) | 0.000000000416492923630133 |  | (18928.5962208906) | 0.11853 |  | (0.33423) | logit\_top\_20 |
| Arts & Humanities | Inferred gender (reference: man) | -0.39240 | \* | (0.15459) | -0.54147 |  | (0.37663) | -0.12583 |  | (0.32647) | poisson\_main |
| Arts & Humanities | Inferred gender (reference: man) | -0.55220 | \* | (0.16859) | -0.59403 |  | (0.49382) | -0.23445 |  | (0.48037) | poisson\_main\_2019 |
| Arts & Humanities | Inferred gender (reference: man) | -0.39221 | \* | (0.15438) | -0.53882 |  | (0.3766) | -0.12413 |  | (0.32502) | poisson\_main\_grants |
| Arts & Humanities | Inferred gender (reference: man) | -0.39240 | \* | (0.15459) | -0.54147 |  | (0.37663) | -0.12583 |  | (0.32647) | poisson\_main\_no\_public |
| Arts & Humanities | Inferred gender (reference: man) | -0.69889 | \*\*\* | (0.20894) | -0.56773 |  | (0.41893) | -0.26402 |  | (0.37138) | poisson\_main\_nolag |
| Medicine | Inferred gender (reference: man) | -0.27704 | \* | (0.13743) | 0.01915 |  | (0.63148) | -4.70626 |  | (4.10597) | linear\_2019 |
| Medicine | Inferred gender (reference: man) | -0.41833 | \* | (0.15641) | 0.56605 |  | (0.7896) | -12.97984 | \* | (5.75406) | linear\_grants |
| Medicine | Inferred gender (reference: man) | -0.04037 | \* | (0.01469) | 0.04635 | \* | (0.02012) | 0.00725 |  | (0.01305) | linear\_log |
| Medicine | Inferred gender (reference: man) | -0.05359 | \*\*\* | (0.01598) | 0.02862 |  | (0.02193) | 0.00193 |  | (0.01477) | linear\_log\_2019 |
| Medicine | Inferred gender (reference: man) | -0.10419 | \* | (0.03308) | 0.06921 | \* | (0.03317) | 0.04157 |  | (0.09795) | linear\_log\_nolag |
| Medicine | Inferred gender (reference: man) | -0.41335 | \* | (0.15347) | 0.5671 |  | (0.79092) | -13.11390 | \* | (5.74045) | linear\_main |
| Medicine | Inferred gender (reference: man) | -0.41456 | \* | (0.1538) | 0.55885 |  | (0.7919) | -13.13515 | \* | (5.74712) | linear\_no\_public |
| Medicine | Inferred gender (reference: man) | -0.04092 | \* | (0.01471) | 0.04588 | \* | (0.02014) | 0.00688 |  | (0.01308) | linear\_no\_public\_log |
| Medicine | Inferred gender (reference: man) | -0.90242 | \* | (0.31936) | 0.66123 |  | (1.07237) | -24.37802 | \* | (11.73583) | linear\_nolag |
| Medicine | Inferred gender (reference: man) | -0.10140 | \* | (0.0358) | 0.22301 | \*\*\* | (0.0413) | 0.04555 |  | (0.05619) | logit\_any |
| Medicine | Inferred gender (reference: man) | -0.21215 | \* | (0.06457) | 0.03127 |  | (0.06209) | -0.06346 |  | (0.06746) | logit\_top\_10 |
| Medicine | Inferred gender (reference: man) | -0.11328 | \* | (0.0445) | 0.0400281797611893 |  | (0.0467695148198185) | 0.01892 |  | (0.05329) | logit\_top\_20 |
| Medicine | Inferred gender (reference: man) | -0.24315 | \* | (0.09287) | -0.00953 |  | (0.07324) | -0.21135 |  | (0.13049) | poisson\_main |
| Medicine | Inferred gender (reference: man) | -0.26145 | \* | (0.11026) | -0.016 |  | (0.08867) | -0.01270 |  | (0.13523) | poisson\_main\_2019 |
| Medicine | Inferred gender (reference: man) | -0.24517 | \* | (0.09254) | -0.01135 |  | (0.07311) | -0.21263 |  | (0.13039) | poisson\_main\_grants |
| Medicine | Inferred gender (reference: man) | -0.24749 | \* | (0.0932) | -0.00992 |  | (0.07328) | -0.21095 |  | (0.13057) | poisson\_main\_no\_public |
| Medicine | Inferred gender (reference: man) | -0.31464 | \* | (0.09936) | -0.0054 |  | (0.0789) | -0.32497 | \* | (0.14981) | poisson\_main\_nolag |
| STEM | Inferred gender (reference: man) | -0.02662 |  | (0.10352) | -0.06702 |  | (0.39577) | 0.19782 |  | (4.98309) | linear\_2019 |
| STEM | Inferred gender (reference: man) | -0.03611 |  | (0.15121) | 0.19935 |  | (0.53042) | -2.69543 |  | (3.67878) | linear\_grants |
| STEM | Inferred gender (reference: man) | -0.03561 | \* | (0.01398) | 0.04734 | \* | (0.01935) | -0.00348 |  | (0.0177) | linear\_log |
| STEM | Inferred gender (reference: man) | -0.03595 | \* | (0.01487) | 0.04723 | \* | (0.0204) | -0.00389 |  | (0.02008) | linear\_log\_2019 |
| STEM | Inferred gender (reference: man) | -0.12721 | \*\*\* | (0.03555) | 0.078 | \* | (0.03136) | -0.15992 | . | (0.08389) | linear\_log\_nolag |
| STEM | Inferred gender (reference: man) | -0.04062 |  | (0.15054) | 0.20893 |  | (0.5289) | -2.59675 |  | (3.67098) | linear\_main |
| STEM | Inferred gender (reference: man) | -0.06890 |  | (0.14824) | 0.21122 |  | (0.52976) | -2.58930 |  | (3.67921) | linear\_no\_public |
| STEM | Inferred gender (reference: man) | -0.03834 | \* | (0.01377) | 0.04816 | \* | (0.01938) | -0.00455 |  | (0.01771) | linear\_no\_public\_log |
| STEM | Inferred gender (reference: man) | -0.43326 |  | (0.36532) | -0.01714 |  | (0.7553) | -5.31123 |  | (7.24268) | linear\_nolag |
| STEM | Inferred gender (reference: man) | -0.04610 |  | (0.0397) | 0.29022 | \*\*\* | (0.04193) | -0.03686 |  | (0.05183) | logit\_any |
| STEM | Inferred gender (reference: man) | -0.09652 |  | (0.08059) | 0.03479 |  | (0.06859) | -0.23078 | \* | (0.07592) | logit\_top\_10 |
| STEM | Inferred gender (reference: man) | -0.05185 |  | (0.05311) | 0.151181368775915 | \* | (0.049732074290431) | 0.03491 |  | (0.05583) | logit\_top\_20 |
| STEM | Inferred gender (reference: man) | -0.14566 |  | (0.11239) | 0.01962 |  | (0.11284) | -0.23797 |  | (0.1484) | poisson\_main |
| STEM | Inferred gender (reference: man) | -0.28978 | \* | (0.12014) | -0.06191 |  | (0.10851) | -0.17833 |  | (0.16061) | poisson\_main\_2019 |
| STEM | Inferred gender (reference: man) | -0.14800 |  | (0.11255) | 0.01406 |  | (0.11213) | -0.24164 |  | (0.14855) | poisson\_main\_grants |
| STEM | Inferred gender (reference: man) | -0.17064 |  | (0.11274) | 0.02054 |  | (0.11292) | -0.23775 |  | (0.14863) | poisson\_main\_no\_public |
| STEM | Inferred gender (reference: man) | -0.19990 |  | (0.12345) | -0.00406 |  | (0.11043) | -0.13061 |  | (0.16605) | poisson\_main\_nolag |
| Social science | Inferred gender (reference: man) | -0.47583 |  | (0.31067) | 0.02348 |  | (0.21349) | 0.62982 |  | (2.01466) | linear\_2019 |
| Social science | Inferred gender (reference: man) | -0.62816 | \* | (0.23601) | 0.33821 |  | (0.30396) | 1.10803 |  | (1.73664) | linear\_grants |
| Social science | Inferred gender (reference: man) | -0.04023 | \* | (0.01369) | 0.05713 | \*\*\* | (0.01371) | 0.01994 |  | (0.0149) | linear\_log |
| Social science | Inferred gender (reference: man) | -0.04517 | \* | (0.01481) | 0.02652 | \* | (0.01338) | 0.02149 |  | (0.0163) | linear\_log\_2019 |
| Social science | Inferred gender (reference: man) | -0.17859 | \*\*\* | (0.04196) | 0.09368 | \*\*\* | (0.0263) | 0.01892 |  | (0.05951) | linear\_log\_nolag |
| Social science | Inferred gender (reference: man) | -0.63559 | \* | (0.23697) | 0.37196 |  | (0.30166) | 1.39464 |  | (1.77775) | linear\_main |
| Social science | Inferred gender (reference: man) | -0.69267 | \* | (0.24502) | 0.39772 |  | (0.30566) | 1.58779 |  | (1.81317) | linear\_no\_public |
| Social science | Inferred gender (reference: man) | -0.04617 | \*\*\* | (0.01368) | 0.05883 | \*\*\* | (0.01383) | 0.02053 |  | (0.01495) | linear\_no\_public\_log |
| Social science | Inferred gender (reference: man) | -1.86105 | \*\*\* | (0.561) | 0.43861 |  | (0.45849) | 1.83786 |  | (2.79698) | linear\_nolag |
| Social science | Inferred gender (reference: man) | -0.00502 |  | (0.03648) | 0.21041 | \*\*\* | (0.04015) | -0.05540 |  | (0.04627) | logit\_any |
| Social science | Inferred gender (reference: man) | -0.28934 | \*\*\* | (0.0763) | 0.15262 | \* | (0.05515) | 0.06345 |  | (0.05885) | logit\_top\_10 |
| Social science | Inferred gender (reference: man) | -0.27105 | \*\*\* | (0.05238) | 0.194242641123571 | \*\*\* | (0.0476606338915172) | 0.08841 | . | (0.04963) | logit\_top\_20 |
| Social science | Inferred gender (reference: man) | -0.23816 | \* | (0.09595) | 0.17134 |  | (0.11457) | 0.00736 |  | (0.13898) | poisson\_main |
| Social science | Inferred gender (reference: man) | -0.27937 | \* | (0.10491) | 0.03953 |  | (0.12915) | -0.03898 |  | (0.19923) | poisson\_main\_2019 |
| Social science | Inferred gender (reference: man) | -0.23969 | \* | (0.09578) | 0.15485 |  | (0.11582) | -0.01415 |  | (0.13639) | poisson\_main\_grants |
| Social science | Inferred gender (reference: man) | -0.27553 | \* | (0.09782) | 0.20195 | . | (0.11463) | 0.03392 |  | (0.13992) | poisson\_main\_no\_public |
| Social science | Inferred gender (reference: man) | -0.33722 | \* | (0.10563) | 0.14179 |  | (0.11509) | 0.07390 |  | (0.15906) | poisson\_main\_nolag |