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) | -0.82672 | \* | (0.38893) | -0.33349 |  | (0.33631) | -0.44941 |  | (0.83504) | linear\_2019 |
| Arts & Humanities | Inferred gender (reference: man) | -0.88180 | \* | (0.35652) | -0.33322 |  | (0.31594) | -0.56177 |  | (0.82737) | linear\_grants |
| Arts & Humanities | Inferred gender (reference: man) | -0.05541 |  | (0.05049) | -0.01049 |  | (0.03271) | 0.01692 |  | (0.04191) | linear\_log |
| Arts & Humanities | Inferred gender (reference: man) | -0.05135 |  | (0.05409) | -0.00018 |  | (0.0318) | 0.00773 |  | (0.04456) | linear\_log\_2019 |
| Arts & Humanities | Inferred gender (reference: man) | -0.23687 | \* | (0.1151) | -0.01879 |  | (0.04992) | 0.05943 |  | (0.09568) | linear\_log\_nolag |
| Arts & Humanities | Inferred gender (reference: man) | -0.88286 | \* | (0.35699) | -0.33386 |  | (0.31594) | -0.54879 |  | (0.82733) | linear\_main |
| Arts & Humanities | Inferred gender (reference: man) | -0.88286 | \* | (0.35699) | -0.33386 |  | (0.31594) | -0.54879 |  | (0.82733) | linear\_no\_public |
| Arts & Humanities | Inferred gender (reference: man) | -0.05541 |  | (0.05049) | -0.01049 |  | (0.03271) | 0.01692 |  | (0.04191) | linear\_no\_public\_log |
| Arts & Humanities | Inferred gender (reference: man) | -2.44441 | \* | (0.92821) | -0.36392 |  | (0.37058) | -0.88978 |  | (1.22278) | linear\_nolag |
| Arts & Humanities | Inferred gender (reference: man) | -0.02241 |  | (0.11392) | 0.17141 |  | (0.1656) | 0.39586 | \* | (0.15091) | logit\_any |
| Arts & Humanities | Inferred gender (reference: man) | -0.55834 | \* | (0.23573) | 0.3392 |  | (0.23867) | 0.27323 |  | (0.19144) | logit\_top\_10 |
| Arts & Humanities | Inferred gender (reference: man) | -0.26849 | . | (0.15683) | -0.00000000467115124581651 |  | (18937.7694050465) | 0.13701 |  | (0.33403) | logit\_top\_20 |
| Arts & Humanities | Inferred gender (reference: man) | -0.44226 | \* | (0.1821) | -0.54164 |  | (0.37962) | -0.12567 |  | (0.32634) | poisson\_main |
| Arts & Humanities | Inferred gender (reference: man) | -0.47875 | \* | (0.18782) | -0.62178 |  | (0.41222) | -0.10054 |  | (0.38598) | poisson\_main\_2019 |
| Arts & Humanities | Inferred gender (reference: man) | -0.44231 | \* | (0.18212) | -0.53899 |  | (0.37958) | -0.12579 |  | (0.32427) | poisson\_main\_grants |
| Arts & Humanities | Inferred gender (reference: man) | -0.44226 | \* | (0.1821) | -0.54164 |  | (0.37962) | -0.12567 |  | (0.32634) | poisson\_main\_no\_public |
| Arts & Humanities | Inferred gender (reference: man) | -0.59645 | \* | (0.21655) | -0.57296 |  | (0.42734) | -0.25642 |  | (0.37054) | poisson\_main\_nolag |
| Medicine | Inferred gender (reference: man) | -0.52115 | . | (0.31314) | 0.40029 |  | (0.75998) | -10.43579 | \* | (5.20092) | linear\_2019 |
| Medicine | Inferred gender (reference: man) | -0.61825 | \* | (0.2873) | 0.61155 |  | (0.78949) | -13.19506 | \* | (5.77156) | linear\_grants |
| Medicine | Inferred gender (reference: man) | -0.04627 | \* | (0.01785) | 0.0307 |  | (0.02019) | 0.00331 |  | (0.01309) | linear\_log |
| Medicine | Inferred gender (reference: man) | -0.05099 | \* | (0.01877) | 0.02444 |  | (0.02104) | 0.00316 |  | (0.0148) | linear\_log\_2019 |
| Medicine | Inferred gender (reference: man) | -0.10775 | \* | (0.03724) | 0.04026 |  | (0.03372) | 0.01486 |  | (0.09791) | linear\_log\_nolag |
| Medicine | Inferred gender (reference: man) | -0.61645 | \* | (0.28784) | 0.61623 |  | (0.79116) | -13.29496 | \* | (5.75858) | linear\_main |
| Medicine | Inferred gender (reference: man) | -0.61773 | \* | (0.28799) | 0.61939 |  | (0.79221) | -13.30452 | \* | (5.76566) | linear\_no\_public |
| Medicine | Inferred gender (reference: man) | -0.04686 | \* | (0.01787) | 0.03028 |  | (0.02022) | 0.00298 |  | (0.01311) | linear\_no\_public\_log |
| Medicine | Inferred gender (reference: man) | -1.15319 | \* | (0.51575) | 0.73033 |  | (1.07136) | -24.89926 | \* | (11.81791) | linear\_nolag |
| Medicine | Inferred gender (reference: man) | -0.11634 | \*\*\* | (0.03534) | 0.23174 | \*\*\* | (0.04138) | 0.04413 |  | (0.05621) | logit\_any |
| Medicine | Inferred gender (reference: man) | -0.11467 | . | (0.06211) | 0.04541 |  | (0.06226) | -0.05942 |  | (0.06754) | logit\_top\_10 |
| Medicine | Inferred gender (reference: man) | -0.18395 | \*\*\* | (0.04551) | 0.058580597799719 |  | (0.0469132273253407) | 0.02168 |  | (0.05336) | logit\_top\_20 |
| Medicine | Inferred gender (reference: man) | -0.19599 | . | (0.10237) | -0.00982 |  | (0.07351) | -0.21452 |  | (0.13066) | poisson\_main |
| Medicine | Inferred gender (reference: man) | -0.18208 | . | (0.10667) | -0.06824 |  | (0.07385) | -0.20179 |  | (0.13765) | poisson\_main\_2019 |
| Medicine | Inferred gender (reference: man) | -0.19787 | . | (0.10213) | -0.01217 |  | (0.07331) | -0.21590 | . | (0.13051) | poisson\_main\_grants |
| Medicine | Inferred gender (reference: man) | -0.20060 | . | (0.10275) | -0.0099 |  | (0.07354) | -0.21400 |  | (0.13075) | poisson\_main\_no\_public |
| Medicine | Inferred gender (reference: man) | -0.25274 | \* | (0.10759) | -0.0088 |  | (0.07912) | -0.32963 | \* | (0.1497) | poisson\_main\_nolag |
| STEM | Inferred gender (reference: man) | -0.07218 |  | (0.24155) | 0.65705 |  | (0.61924) | -0.04605 |  | (4.35103) | linear\_2019 |
| STEM | Inferred gender (reference: man) | -0.10177 |  | (0.21496) | 0.21677 |  | (0.53062) | -2.00607 |  | (3.68016) | linear\_grants |
| STEM | Inferred gender (reference: man) | -0.04375 | \* | (0.01582) | 0.02722 |  | (0.01948) | -0.00488 |  | (0.01763) | linear\_log |
| STEM | Inferred gender (reference: man) | -0.04238 | \* | (0.01682) | 0.0309 |  | (0.02011) | -0.00446 |  | (0.01934) | linear\_log\_2019 |
| STEM | Inferred gender (reference: man) | -0.13826 | \*\*\* | (0.03838) | 0.04073 |  | (0.03253) | -0.16355 | . | (0.08431) | linear\_log\_nolag |
| STEM | Inferred gender (reference: man) | -0.10781 |  | (0.21491) | 0.22772 |  | (0.52877) | -1.89031 |  | (3.67059) | linear\_main |
| STEM | Inferred gender (reference: man) | -0.15892 |  | (0.20923) | 0.23068 |  | (0.52965) | -1.88350 |  | (3.67875) | linear\_no\_public |
| STEM | Inferred gender (reference: man) | -0.04693 | \* | (0.01557) | 0.02801 |  | (0.0195) | -0.00598 |  | (0.01763) | linear\_no\_public\_log |
| STEM | Inferred gender (reference: man) | -0.61903 |  | (0.47728) | 0.00334 |  | (0.75546) | -3.95961 |  | (7.21826) | linear\_nolag |
| STEM | Inferred gender (reference: man) | -0.04979 |  | (0.03922) | 0.29828 | \*\*\* | (0.04195) | -0.03581 |  | (0.05179) | logit\_any |
| STEM | Inferred gender (reference: man) | -0.11495 |  | (0.07819) | 0.04326 |  | (0.06852) | -0.21668 | \* | (0.07584) | logit\_top\_10 |
| STEM | Inferred gender (reference: man) | -0.11670 | \* | (0.05424) | 0.158510236956155 | \* | (0.0497141827089263) | 0.04113 |  | (0.05579) | logit\_top\_20 |
| STEM | Inferred gender (reference: man) | -0.13846 |  | (0.10846) | 0.02833 |  | (0.11228) | -0.20531 |  | (0.14957) | poisson\_main |
| STEM | Inferred gender (reference: man) | -0.14969 |  | (0.11083) | 0.0773 |  | (0.12237) | -0.09210 |  | (0.13383) | poisson\_main\_2019 |
| STEM | Inferred gender (reference: man) | -0.14037 |  | (0.1086) | 0.02197 |  | (0.11151) | -0.20980 |  | (0.14968) | poisson\_main\_grants |
| STEM | Inferred gender (reference: man) | -0.16970 |  | (0.10798) | 0.02927 |  | (0.11236) | -0.20507 |  | (0.1498) | poisson\_main\_no\_public |
| STEM | Inferred gender (reference: man) | -0.21402 | . | (0.12373) | 0.00336 |  | (0.1099) | -0.09489 |  | (0.16685) | poisson\_main\_nolag |
| Social science | Inferred gender (reference: man) | -0.91774 | \* | (0.34203) | 0.43414 |  | (0.29984) | 1.08858 |  | (1.99561) | linear\_2019 |
| Social science | Inferred gender (reference: man) | -0.85864 | \* | (0.30137) | 0.33106 |  | (0.30491) | 1.08521 |  | (1.73589) | linear\_grants |
| Social science | Inferred gender (reference: man) | -0.04974 | \* | (0.01658) | 0.04487 | \* | (0.01389) | 0.01462 |  | (0.01488) | linear\_log |
| Social science | Inferred gender (reference: man) | -0.05262 | \* | (0.01743) | 0.04397 | \* | (0.01432) | 0.00865 |  | (0.01595) | linear\_log\_2019 |
| Social science | Inferred gender (reference: man) | -0.18635 | \*\*\* | (0.04643) | 0.06569 | \* | (0.02632) | 0.00771 |  | (0.05993) | linear\_log\_nolag |
| Social science | Inferred gender (reference: man) | -0.86057 | \* | (0.30084) | 0.36462 |  | (0.30225) | 1.38871 |  | (1.77813) | linear\_main |
| Social science | Inferred gender (reference: man) | -0.94567 | \* | (0.30056) | 0.3814 |  | (0.30667) | 1.57236 |  | (1.81105) | linear\_no\_public |
| Social science | Inferred gender (reference: man) | -0.05685 | \*\*\* | (0.01658) | 0.04609 | \* | (0.01401) | 0.01490 |  | (0.01492) | linear\_no\_public\_log |
| Social science | Inferred gender (reference: man) | -2.69193 | \* | (0.91985) | 0.42916 |  | (0.45953) | 1.84690 |  | (2.79567) | linear\_nolag |
| Social science | Inferred gender (reference: man) | -0.03424 |  | (0.03579) | 0.2144 | \*\*\* | (0.04019) | -0.05568 |  | (0.04627) | logit\_any |
| Social science | Inferred gender (reference: man) | -0.18777 | \* | (0.06974) | 0.15831 | \* | (0.05519) | 0.06614 |  | (0.05886) | logit\_top\_10 |
| Social science | Inferred gender (reference: man) | -0.25605 | \*\*\* | (0.05002) | 0.197552417617938 | \*\*\* | (0.0476751654036246) | 0.09008 | . | (0.04963) | logit\_top\_20 |
| Social science | Inferred gender (reference: man) | -0.18246 | \* | (0.08966) | 0.16956 |  | (0.11463) | 0.00676 |  | (0.13893) | poisson\_main |
| Social science | Inferred gender (reference: man) | -0.21782 | \* | (0.09369) | 0.18661 |  | (0.12177) | -0.04616 |  | (0.17353) | poisson\_main\_2019 |
| Social science | Inferred gender (reference: man) | -0.18417 | \* | (0.08955) | 0.15383 |  | (0.11598) | -0.01505 |  | (0.13634) | poisson\_main\_grants |
| Social science | Inferred gender (reference: man) | -0.21837 | \* | (0.09159) | 0.19277 | . | (0.11494) | 0.03045 |  | (0.14008) | poisson\_main\_no\_public |
| Social science | Inferred gender (reference: man) | -0.32488 | \* | (0.11395) | 0.13944 |  | (0.11525) | 0.07158 |  | (0.15918) | poisson\_main\_nolag |