Equation Obs Parms RMSE "R-sq" F P

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rock 720 55 .2833369 0.2493 4.088724 0.0000

ragaee 720 55 .242644 0.4494 10.05202 0.0000

pop 720 55 .2279104 0.5143 13.03737 0.0000

metal 720 55 .1847036 0.6810 26.28568 0.0000

jazz 720 55 .2428988 0.4483 10.00512 0.0000

hiphop 720 55 .2397083 0.4627 10.60322 0.0000

disco 720 55 .2655981 0.3403 6.353011 0.0000

classical 720 55 .1663658 0.7412 35.2642 0.0000

blues 720 55 .2513044 0.4094 8.536991 0.0000

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| Coef. Std. Err. t P>|t| [95% Conf. Interval]

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rock |

tempo | .0010635 .0016161 0.66 0.511 -.0021098 .0042368

total\_beats | -2.42e-06 5.02e-06 -0.48 0.630 -.0000123 7.44e-06

average\_beats | 2.07e-06 .0003269 0.01 0.995 -.0006398 .0006439

chroma\_stft~n | .4003672 .3952539 1.01 0.311 -.3757288 1.176463

chroma\_stft~d | 13.99598 17.41648 0.80 0.422 -20.20193 48.19389

chroma\_stft~r | -19.50784 30.39238 -0.64 0.521 -79.18444 40.16875

chroma\_cq\_m~n | 2.375787 .77976 3.05 0.002 .8446987 3.906875

chroma\_cq\_std | 26.98253 16.20963 1.66 0.096 -4.845694 58.81076

chroma\_cq\_var | -55.7382 29.34347 -1.90 0.058 -113.3552 1.878806

chroma\_cens~n | -57.7795 47.95155 -1.20 0.229 -151.9342 36.37517

chroma\_cens~d | 4.729509 8.829323 0.54 0.592 -12.6072 22.06622

chroma\_cens~r | -107.8926 124.8109 -0.86 0.388 -352.9634 137.1782

melspectrog~n | -.0095357 .0344838 -0.28 0.782 -.0772459 .0581745

melspectrog~d | -.0035907 .0025618 -1.40 0.161 -.0086208 .0014395

melspectrog~r | .0000186 7.13e-06 2.61 0.009 4.62e-06 .0000326

mfcc\_mean | -.0145271 .0072933 -1.99 0.047 -.0288477 -.0002065

mfcc\_std | -.0164705 .0080063 -2.06 0.040 -.0321912 -.0007498

mfcc\_var | .000057 .0000428 1.33 0.183 -.000027 .0001409

mfcc\_delta\_~n | .8208145 2.327946 0.35 0.725 -3.750195 5.391824

mfcc\_delta\_~d | .0509043 .0904954 0.56 0.574 -.1267868 .2285954

mfcc\_delta\_~r | -.0075805 .0133036 -0.57 0.569 -.0337027 .0185417

rmse\_mean | -.1996385 .1537842 -1.30 0.195 -.5015995 .1023225

rmse\_std | -.2009051 .111059 -1.81 0.071 -.4189736 .0171634

rmse\_var | .0261334 .0242531 1.08 0.282 -.0214885 .0737553

cent\_mean | -.0006001 .0002644 -2.27 0.024 -.0011193 -.0000809

cent\_std | .0005063 .0005328 0.95 0.342 -.0005399 .0015524

cent\_var | 1.51e-07 3.13e-07 0.48 0.631 -4.64e-07 7.66e-07

spec\_bw\_mean | .0002343 .000176 1.33 0.184 -.0001113 .00058

spec\_bw\_std | -.0014084 .0007412 -1.90 0.058 -.0028639 .000047

spec\_bw\_var | 1.50e-06 8.09e-07 1.85 0.064 -8.84e-08 3.09e-06

contrast\_mean | -.0145436 .0143065 -1.02 0.310 -.0426349 .0135477

contrast\_std | -.0186362 .0679274 -0.27 0.784 -.1520143 .1147418

contrast\_var | .0031814 .0048236 0.66 0.510 -.00629 .0126527

rolloff\_mean | .0000724 .0000888 0.82 0.415 -.0001018 .0002467

rolloff\_std | .0004741 .0002565 1.85 0.065 -.0000294 .0009777

rolloff\_var | -1.85e-07 8.10e-08 -2.28 0.023 -3.44e-07 -2.54e-08

poly\_mean | .3910005 .2855127 1.37 0.171 -.1696145 .9516155

poly\_std | .1224769 .2188127 0.56 0.576 -.3071701 .5521239

poly\_var | -.0370248 .0275639 -1.34 0.180 -.0911475 .0170979

tonnetz\_mean | -.8483066 1.049729 -0.81 0.419 -2.909488 1.212875

tonnetz\_std | 28.51912 9.078521 3.14 0.002 10.6931 46.34514

tonnetz\_var | -175.8835 58.91412 -2.99 0.003 -291.5636 -60.20337

zcr\_mean | .3574411 2.048192 0.17 0.862 -3.664261 4.379143

zcr\_std | -4.005431 3.576784 -1.12 0.263 -11.02858 3.017719

zcr\_var | 28.13543 24.24665 1.16 0.246 -19.47379 75.74465

harm\_mean | -3.071976 7.101257 -0.43 0.665 -17.01556 10.87161

harm\_std | 4.263664 4.332317 0.98 0.325 -4.243003 12.77033

harm\_var | -4.759795 11.56084 -0.41 0.681 -27.45993 17.94034

perc\_mean | 27.21819 11.78166 2.31 0.021 4.084454 50.35193

perc\_std | -.8814565 3.854404 -0.23 0.819 -8.449724 6.686811

perc\_var | 7.272672 15.72064 0.46 0.644 -23.5954 38.14074

frame\_mean | -.0037449 .0237263 -0.16 0.875 -.0503323 .0428425

frame\_std | .0528995 .0601152 0.88 0.379 -.0651389 .1709379

frame\_var | -.0059952 .0063215 -0.95 0.343 -.0184076 .0064172

\_cons | 9.078935 14.52804 0.62 0.532 -19.44741 37.60528

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ragaee |

tempo | -.0001239 .001384 -0.09 0.929 -.0028415 .0025936

total\_beats | 3.12e-06 4.30e-06 0.73 0.468 -5.32e-06 .0000116

average\_beats | -.0000908 .00028 -0.32 0.746 -.0006405 .0004589

chroma\_stft~n | .7280987 .3384875 2.15 0.032 .0634656 1.392732

chroma\_stft~d | 6.4642 14.91512 0.43 0.665 -22.8222 35.7506

chroma\_stft~r | -10.69586 26.02743 -0.41 0.681 -61.8017 40.40997

chroma\_cq\_m~n | -.3589368 .6677708 -0.54 0.591 -1.67013 .9522563

chroma\_cq\_std | -28.32939 13.8816 -2.04 0.042 -55.58644 -1.072336

chroma\_cq\_var | 62.18101 25.12916 2.47 0.014 12.83897 111.5231

chroma\_cens~n | 80.37115 41.06474 1.96 0.051 -.2610169 161.0033

chroma\_cens~d | 1.595525 7.561255 0.21 0.833 -13.25128 16.44233

chroma\_cens~r | 141.0999 106.8855 1.32 0.187 -68.77383 350.9736

melspectrog~n | -.0061804 .0295312 -0.21 0.834 -.064166 .0518053

melspectrog~d | -.0047624 .0021939 -2.17 0.030 -.0090701 -.0004547

melspectrog~r | .0000177 6.11e-06 2.90 0.004 5.69e-06 .0000297

mfcc\_mean | .0124143 .0062458 1.99 0.047 .0001504 .0246781

mfcc\_std | -.0064042 .0068565 -0.93 0.351 -.0198671 .0070587

mfcc\_var | .0000443 .0000366 1.21 0.227 -.0000276 .0001162

mfcc\_delta\_~n | -5.351792 1.993606 -2.68 0.007 -9.266312 -1.437271

mfcc\_delta\_~d | -.1702899 .0774984 -2.20 0.028 -.3224609 -.0181188

mfcc\_delta\_~r | .0428539 .011393 3.76 0.000 .0204834 .0652244

rmse\_mean | -.0645907 .1316977 -0.49 0.624 -.323184 .1940027

rmse\_std | .2717564 .0951087 2.86 0.004 .0850069 .4585059

rmse\_var | -.0772139 .0207699 -3.72 0.000 -.1179963 -.0364314

cent\_mean | -.0000269 .0002265 -0.12 0.905 -.0004716 .0004177

cent\_std | .0003651 .0004563 0.80 0.424 -.0005308 .001261

cent\_var | -4.82e-08 2.68e-07 -0.18 0.857 -5.75e-07 4.78e-07

spec\_bw\_mean | -.0001345 .0001508 -0.89 0.373 -.0004305 .0001615

spec\_bw\_std | .0010014 .0006348 1.58 0.115 -.0002451 .0022478

spec\_bw\_var | -7.18e-07 6.93e-07 -1.04 0.300 -2.08e-06 6.42e-07

contrast\_mean | .0197323 .0122518 1.61 0.108 -.0043246 .0437891

contrast\_std | -.1500479 .0581717 -2.58 0.010 -.2642702 -.0358256

contrast\_var | .0097742 .0041309 2.37 0.018 .0016631 .0178853

rolloff\_mean | .0000285 .000076 0.38 0.708 -.0001207 .0001777

rolloff\_std | -.000237 .0002196 -1.08 0.281 -.0006682 .0001943

rolloff\_var | 5.35e-08 6.94e-08 0.77 0.441 -8.28e-08 1.90e-07

poly\_mean | -.0094086 .2445074 -0.04 0.969 -.489508 .4706909

poly\_std | -.4762214 .1873868 -2.54 0.011 -.8441625 -.1082803

poly\_var | .0677927 .0236052 2.87 0.004 .0214431 .1141423

tonnetz\_mean | -.5113372 .8989665 -0.57 0.570 -2.276492 1.253817

tonnetz\_std | -19.50535 7.774663 -2.51 0.012 -34.7712 -4.23951

tonnetz\_var | 125.7333 50.45287 2.49 0.013 26.66717 224.7994

zcr\_mean | -.2396171 1.75403 -0.14 0.891 -3.683722 3.204488

zcr\_std | -1.430647 3.063086 -0.47 0.641 -7.445131 4.583837

zcr\_var | -.69962 20.76435 -0.03 0.973 -41.4712 40.07196

harm\_mean | -.6995419 6.081374 -0.12 0.908 -12.64055 11.24146

harm\_std | 4.007426 3.710109 1.08 0.280 -3.277513 11.29237

harm\_var | -2.479116 9.900468 -0.25 0.802 -21.91906 16.96083

perc\_mean | -17.4535 10.08958 -1.73 0.084 -37.26477 2.357766

perc\_std | 4.072536 3.300834 1.23 0.218 -2.408776 10.55385

perc\_var | -9.510343 13.46284 -0.71 0.480 -35.94514 16.92445

frame\_mean | -.0106883 .0203187 -0.53 0.599 -.0505848 .0292083

frame\_std | .0232598 .0514814 0.45 0.652 -.0778259 .1243456

frame\_var | -.0010603 .0054136 -0.20 0.845 -.01169 .0095695

\_cons | -19.74512 12.44152 -1.59 0.113 -44.17451 4.684275

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pop |

tempo | -.0007823 .0013 -0.60 0.548 -.0033348 .0017702

total\_beats | 4.40e-07 4.04e-06 0.11 0.913 -7.49e-06 8.37e-06

average\_beats | -.0001877 .000263 -0.71 0.476 -.000704 .0003286

chroma\_stft~n | -.5886989 .3179342 -1.85 0.065 -1.212975 .0355769

chroma\_stft~d | -16.44053 14.00946 -1.17 0.241 -43.94863 11.06757

chroma\_stft~r | 25.79587 24.44701 1.06 0.292 -22.20677 73.7985

chroma\_cq\_m~n | .6201573 .627223 0.99 0.323 -.6114188 1.851733

chroma\_cq\_std | -28.50628 13.0387 -2.19 0.029 -54.10826 -2.904308

chroma\_cq\_var | 45.06832 23.60329 1.91 0.057 -1.277624 91.41426

chroma\_cens~n | 15.48778 38.57125 0.40 0.688 -60.24832 91.22387

chroma\_cens~d | 7.397106 7.102127 1.04 0.298 -6.548188 21.3424

chroma\_cens~r | 10.73541 100.3953 0.11 0.915 -186.3946 207.8654

melspectrog~n | -.0004117 .027738 -0.01 0.988 -.0548764 .054053

melspectrog~d | -.0068529 .0020606 -3.33 0.001 -.010899 -.0028067

melspectrog~r | .0000167 5.74e-06 2.91 0.004 5.42e-06 .0000279

mfcc\_mean | .0181845 .0058665 3.10 0.002 .0066653 .0297037

mfcc\_std | .0231523 .0064401 3.60 0.000 .0105068 .0357977

mfcc\_var | -.0000938 .0000344 -2.73 0.007 -.0001614 -.0000263

mfcc\_delta\_~n | -.9744807 1.872552 -0.52 0.603 -4.651308 2.702346

mfcc\_delta\_~d | .0778326 .0727926 1.07 0.285 -.0650985 .2207637

mfcc\_delta\_~r | -.0309307 .0107012 -2.89 0.004 -.0519429 -.0099186

rmse\_mean | -.0650518 .1237009 -0.53 0.599 -.307943 .1778395

rmse\_std | -.0386076 .0893336 -0.43 0.666 -.2140175 .1368023

rmse\_var | -.008795 .0195087 -0.45 0.652 -.0471011 .0295111

cent\_mean | .0000372 .0002127 0.18 0.861 -.0003804 .0004549

cent\_std | -.000129 .0004286 -0.30 0.763 -.0009705 .0007124

cent\_var | -3.63e-07 2.52e-07 -1.44 0.150 -8.57e-07 1.32e-07

spec\_bw\_mean | .0001834 .0001416 1.30 0.196 -.0000946 .0004615

spec\_bw\_std | .0006242 .0005962 1.05 0.296 -.0005466 .0017949

spec\_bw\_var | -1.09e-06 6.51e-07 -1.68 0.094 -2.37e-06 1.86e-07

contrast\_mean | .0051331 .0115078 0.45 0.656 -.017463 .0277292

contrast\_std | -.0001997 .0546394 -0.00 0.997 -.1074863 .1070869

contrast\_var | -.0027416 .00388 -0.71 0.480 -.0103602 .004877

rolloff\_mean | .0000596 .0000714 0.84 0.404 -.0000806 .0001998

rolloff\_std | .000028 .0002063 0.14 0.892 -.000377 .0004331

rolloff\_var | 9.21e-08 6.52e-08 1.41 0.158 -3.59e-08 2.20e-07

poly\_mean | -.553067 .2296606 -2.41 0.016 -1.004014 -.1021197

poly\_std | .4896498 .1760085 2.78 0.006 .1440506 .8352491

poly\_var | -.0004913 .0221718 -0.02 0.982 -.0440265 .0430439

tonnetz\_mean | -.4032252 .8443803 -0.48 0.633 -2.061198 1.254747

tonnetz\_std | 2.39535 7.302577 0.33 0.743 -11.94354 16.73424

tonnetz\_var | 13.48965 47.38932 0.28 0.776 -79.56106 106.5404

zcr\_mean | .0658135 1.647524 0.04 0.968 -3.169162 3.300789

zcr\_std | .0329961 2.877092 0.01 0.991 -5.616282 5.682274

zcr\_var | 41.23984 19.50351 2.11 0.035 2.943956 79.53573

harm\_mean | .3425327 5.712106 0.06 0.952 -10.8734 11.55847

harm\_std | 5.1818 3.484827 1.49 0.137 -1.66079 12.02439

harm\_var | -1.912804 9.299301 -0.21 0.837 -20.17233 16.34672

perc\_mean | 6.916151 9.476929 0.73 0.466 -11.69216 25.52446

perc\_std | 4.608962 3.100404 1.49 0.138 -1.478797 10.69672

perc\_var | 16.08015 12.64536 1.27 0.204 -8.749498 40.9098

frame\_mean | -.0508543 .0190849 -2.66 0.008 -.0883282 -.0133803

frame\_std | .1132002 .0483554 2.34 0.020 .0182525 .2081479

frame\_var | -.002906 .0050849 -0.57 0.568 -.0128903 .0070783

\_cons | -.2193517 11.68606 -0.02 0.985 -23.16536 22.72666

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metal |

tempo | -.0020911 .0010535 -1.98 0.048 -.0041598 -.0000225

total\_beats | 6.93e-06 3.27e-06 2.12 0.035 5.01e-07 .0000134

average\_beats | -.0003279 .0002131 -1.54 0.124 -.0007464 .0000905

chroma\_stft~n | .5642641 .2576609 2.19 0.029 .0583372 1.070191

chroma\_stft~d | -52.66974 11.35358 -4.64 0.000 -74.96291 -30.37656

chroma\_stft~r | 90.99495 19.8124 4.59 0.000 52.09255 129.8973

chroma\_cq\_m~n | .5472695 .5083154 1.08 0.282 -.450827 1.545366

chroma\_cq\_std | -5.811313 10.56685 -0.55 0.583 -26.55972 14.9371

chroma\_cq\_var | 3.347557 19.12863 0.18 0.861 -34.21222 40.90734

chroma\_cens~n | -21.52021 31.25899 -0.69 0.491 -82.89842 39.858

chroma\_cens~d | 11.4446 5.755721 1.99 0.047 .143021 22.74617

chroma\_cens~r | -78.31203 81.36258 -0.96 0.336 -238.0705 81.44647

melspectrog~n | .0232708 .0224795 1.04 0.301 -.0208685 .0674102

melspectrog~d | .0036656 .00167 2.19 0.029 .0003865 .0069447

melspectrog~r | -.0000173 4.65e-06 -3.71 0.000 -.0000264 -8.13e-06

mfcc\_mean | .0109166 .0047544 2.30 0.022 .0015812 .020252

mfcc\_std | .0206911 .0052192 3.96 0.000 .010443 .0309392

mfcc\_var | -.0001104 .0000279 -3.96 0.000 -.0001651 -.0000556

mfcc\_delta\_~n | 1.686093 1.517558 1.11 0.267 -1.293689 4.665875

mfcc\_delta\_~d | -.0667637 .0589928 -1.13 0.258 -.1825982 .0490709

mfcc\_delta\_~r | .0021339 .0086725 0.25 0.806 -.0148948 .0191626

rmse\_mean | -.0018655 .1002499 -0.02 0.985 -.19871 .1949789

rmse\_std | -.2258407 .0723979 -3.12 0.002 -.3679967 -.0836847

rmse\_var | .0554794 .0158103 3.51 0.000 .0244353 .0865235

cent\_mean | .0011986 .0001724 6.95 0.000 .0008602 .0015371

cent\_std | -.0002063 .0003473 -0.59 0.553 -.0008883 .0004756

cent\_var | -1.61e-07 2.04e-07 -0.79 0.431 -5.62e-07 2.40e-07

spec\_bw\_mean | -.0004054 .0001148 -3.53 0.000 -.0006308 -.0001801

spec\_bw\_std | .0008755 .0004832 1.81 0.070 -.0000733 .0018243

spec\_bw\_var | -1.32e-06 5.27e-07 -2.51 0.012 -2.36e-06 -2.88e-07

contrast\_mean | -.0278421 .0093262 -2.99 0.003 -.0461545 -.0095298

contrast\_std | .1203516 .044281 2.72 0.007 .0334041 .207299

contrast\_var | -.0051634 .0031445 -1.64 0.101 -.0113377 .0010108

rolloff\_mean | -.0002397 .0000579 -4.14 0.000 -.0003533 -.0001261

rolloff\_std | -.0000429 .0001672 -0.26 0.797 -.0003712 .0002854

rolloff\_var | 1.24e-07 5.28e-08 2.34 0.020 1.98e-08 2.27e-07

poly\_mean | .4678414 .186122 2.51 0.012 .1023837 .833299

poly\_std | -.3290007 .1426412 -2.31 0.021 -.609082 -.0489193

poly\_var | -.013463 .0179685 -0.75 0.454 -.0487449 .0218189

tonnetz\_mean | .1050137 .6843045 0.15 0.878 -1.238644 1.448671

tonnetz\_std | 7.190992 5.91817 1.22 0.225 -4.429559 18.81154

tonnetz\_var | -29.24097 38.40535 -0.76 0.447 -104.6513 46.1694

zcr\_mean | -2.862974 1.33519 -2.14 0.032 -5.48467 -.2412788

zcr\_std | -.417014 2.331659 -0.18 0.858 -4.995314 4.161286

zcr\_var | -9.064893 15.80608 -0.57 0.566 -40.10073 21.97094

harm\_mean | -.1191494 4.629218 -0.03 0.979 -9.208793 8.970494

harm\_std | -.3266116 2.824181 -0.12 0.908 -5.871998 5.218775

harm\_var | -5.059944 7.53636 -0.67 0.502 -19.85787 9.737982

perc\_mean | -13.86773 7.680313 -1.81 0.071 -28.94832 1.212852

perc\_std | -.9031936 2.512636 -0.36 0.719 -5.836849 4.030462

perc\_var | -5.504099 10.24808 -0.54 0.591 -25.62659 14.6184

frame\_mean | .0318534 .0154669 2.06 0.040 .0014836 .0622231

frame\_std | .0431992 .0391883 1.10 0.271 -.0337485 .1201469

frame\_var | -.0107422 .0041209 -2.61 0.009 -.0188337 -.0026507

\_cons | 12.92301 9.470639 1.36 0.173 -5.672948 31.51896

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jazz |

tempo | -.0008019 .0013855 -0.58 0.563 -.0035223 .0019185

total\_beats | 2.33e-07 4.30e-06 0.05 0.957 -8.22e-06 8.68e-06

average\_beats | -.0001134 .0002802 -0.40 0.686 -.0006637 .0004368

chroma\_stft~n | -1.991054 .338843 -5.88 0.000 -2.656385 -1.325723

chroma\_stft~d | -5.929385 14.93078 -0.40 0.691 -35.24654 23.38777

chroma\_stft~r | 6.00528 26.05476 0.23 0.818 -45.15422 57.16478

chroma\_cq\_m~n | -3.349703 .668472 -5.01 0.000 -4.662273 -2.037134

chroma\_cq\_std | -20.43911 13.89618 -1.47 0.142 -47.72479 6.846561

chroma\_cq\_var | 42.60688 25.15554 1.69 0.091 -6.786974 92.00074

chroma\_cens~n | -83.98697 41.10786 -2.04 0.041 -164.7038 -3.270135

chroma\_cens~d | 5.09789 7.569194 0.67 0.501 -9.764509 19.96029

chroma\_cens~r | -214.5415 106.9978 -2.01 0.045 -424.6356 -4.447386

melspectrog~n | -.0352579 .0295622 -1.19 0.233 -.0933044 .0227886

melspectrog~d | -.0056341 .0021962 -2.57 0.011 -.0099463 -.0013219

melspectrog~r | -2.45e-06 6.11e-06 -0.40 0.688 -.0000145 9.55e-06

mfcc\_mean | .0200039 .0062524 3.20 0.001 .0077272 .0322807

mfcc\_std | .0039612 .0068637 0.58 0.564 -.0095159 .0174382

mfcc\_var | -.000061 .0000367 -1.66 0.097 -.000133 .000011

mfcc\_delta\_~n | .3432343 1.9957 0.17 0.864 -3.575397 4.261866

mfcc\_delta\_~d | .0005034 .0775798 0.01 0.995 -.1518274 .1528343

mfcc\_delta\_~r | -.0027118 .0114049 -0.24 0.812 -.0251058 .0196821

rmse\_mean | .4408012 .131836 3.34 0.001 .1819363 .6996661

rmse\_std | .1357387 .0952086 1.43 0.154 -.0512069 .3226843

rmse\_var | .0498919 .0207917 2.40 0.017 .0090666 .0907172

cent\_mean | .0009603 .0002267 4.24 0.000 .0005151 .0014054

cent\_std | -.002546 .0004567 -5.57 0.000 -.0034428 -.0016492

cent\_var | 6.44e-07 2.68e-07 2.40 0.017 1.17e-07 1.17e-06

spec\_bw\_mean | -.0009481 .0001509 -6.28 0.000 -.0012444 -.0006518

spec\_bw\_std | -.0013716 .0006355 -2.16 0.031 -.0026193 -.0001238

spec\_bw\_var | 1.37e-06 6.93e-07 1.97 0.049 7.79e-09 2.73e-06

contrast\_mean | -.0535596 .0122646 -4.37 0.000 -.0776417 -.0294775

contrast\_std | -.0114319 .0582328 -0.20 0.844 -.1257742 .1029103

contrast\_var | .0013792 .0041352 0.33 0.739 -.0067404 .0094988

rolloff\_mean | .0000415 .0000761 0.55 0.585 -.0001079 .0001909

rolloff\_std | .0012781 .0002199 5.81 0.000 .0008464 .0017098

rolloff\_var | -2.48e-07 6.95e-08 -3.56 0.000 -3.84e-07 -1.11e-07

poly\_mean | .0340278 .2447641 0.14 0.889 -.4465758 .5146313

poly\_std | -.5285329 .1875836 -2.82 0.005 -.8968603 -.1602054

poly\_var | .0357237 .0236299 1.51 0.131 -.0106746 .082122

tonnetz\_mean | -1.575455 .8999105 -1.75 0.080 -3.342463 .191553

tonnetz\_std | -4.998011 7.782827 -0.64 0.521 -20.27989 10.28386

tonnetz\_var | 6.676353 50.50585 0.13 0.895 -92.49379 105.8465

zcr\_mean | -8.76559 1.755872 -4.99 0.000 -12.21331 -5.317868

zcr\_std | 8.282972 3.066302 2.70 0.007 2.262172 14.30377

zcr\_var | -6.560971 20.78615 -0.32 0.752 -47.37536 34.25342

harm\_mean | -13.46676 6.08776 -2.21 0.027 -25.4203 -1.513209

harm\_std | -7.540024 3.714005 -2.03 0.043 -14.83261 -.2474348

harm\_var | 12.38045 9.910864 1.25 0.212 -7.079904 31.84081

perc\_mean | 16.83917 10.10017 1.67 0.096 -2.992898 36.67125

perc\_std | -12.10895 3.3043 -3.66 0.000 -18.59707 -5.620832

perc\_var | 35.2757 13.47698 2.62 0.009 8.813145 61.73825

frame\_mean | -.0074936 .02034 -0.37 0.713 -.0474321 .0324448

frame\_std | .0413327 .0515355 0.80 0.423 -.0598591 .1425246

frame\_var | -.0026955 .0054193 -0.50 0.619 -.0133364 .0079455

\_cons | 33.52554 12.45458 2.69 0.007 9.070493 57.98058

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hiphop |

tempo | -.0009766 .0013673 -0.71 0.475 -.0036613 .0017081

total\_beats | 1.43e-06 4.25e-06 0.34 0.736 -6.91e-06 9.77e-06

average\_beats | -.0000623 .0002766 -0.23 0.822 -.0006053 .0004808

chroma\_stft~n | .8242768 .3343923 2.46 0.014 .1676849 1.480869

chroma\_stft~d | 32.74375 14.73467 2.22 0.027 3.811677 61.67583

chroma\_stft~r | -54.88737 25.71253 -2.13 0.033 -105.3749 -4.399847

chroma\_cq\_m~n | -.7999037 .6596917 -1.21 0.226 -2.095233 .4954258

chroma\_cq\_std | 12.58992 13.71366 0.92 0.359 -14.33736 39.5172

chroma\_cq\_var | -23.42661 24.82513 -0.94 0.346 -72.17169 25.31846

chroma\_cens~n | 16.9615 40.56791 0.42 0.676 -62.69513 96.61813

chroma\_cens~d | -10.46786 7.469774 -1.40 0.162 -25.13505 4.199318

chroma\_cens~r | 74.63514 105.5923 0.71 0.480 -132.6994 281.9697

melspectrog~n | .1139867 .0291739 3.91 0.000 .0567026 .1712708

melspectrog~d | .0102676 .0021673 4.74 0.000 .006012 .0145232

melspectrog~r | -.0000444 6.03e-06 -7.37 0.000 -.0000563 -.0000326

mfcc\_mean | -.0183307 .0061702 -2.97 0.003 -.0304462 -.0062152

mfcc\_std | .0102107 .0067735 1.51 0.132 -.0030893 .0235107

mfcc\_var | -.0000827 .0000362 -2.29 0.023 -.0001538 -.0000117

mfcc\_delta\_~n | 6.336382 1.969486 3.22 0.001 2.469221 10.20354

mfcc\_delta\_~d | -.0390013 .0765608 -0.51 0.611 -.1893313 .1113287

mfcc\_delta\_~r | .0152166 .0112551 1.35 0.177 -.0068832 .0373165

rmse\_mean | -.1507845 .1301043 -1.16 0.247 -.4062492 .1046803

rmse\_std | -.1229492 .093958 -1.31 0.191 -.3074393 .0615408

rmse\_var | .0517972 .0205186 2.52 0.012 .0115081 .0920862

cent\_mean | .000459 .0002237 2.05 0.041 .0000197 .0008982

cent\_std | .0005992 .0004507 1.33 0.184 -.0002859 .0014842

cent\_var | -2.16e-07 2.65e-07 -0.81 0.416 -7.36e-07 3.05e-07

spec\_bw\_mean | .0000361 .0001489 0.24 0.809 -.0002564 .0003285

spec\_bw\_std | -.000221 .0006271 -0.35 0.725 -.0014523 .0010104

spec\_bw\_var | 3.16e-07 6.84e-07 0.46 0.645 -1.03e-06 1.66e-06

contrast\_mean | -.0427203 .0121035 -3.53 0.000 -.0664861 -.0189545

contrast\_std | .0597037 .0574679 1.04 0.299 -.0531366 .1725441

contrast\_var | -.0030911 .0040809 -0.76 0.449 -.0111041 .0049219

rolloff\_mean | -.0002034 .0000751 -2.71 0.007 -.0003508 -.000056

rolloff\_std | -.0002705 .000217 -1.25 0.213 -.0006965 .0001555

rolloff\_var | 1.61e-08 6.86e-08 0.23 0.815 -1.19e-07 1.51e-07

poly\_mean | .6557292 .2415492 2.71 0.007 .1814383 1.13002

poly\_std | -.2285609 .1851197 -1.23 0.217 -.5920504 .1349286

poly\_var | -.0655888 .0233196 -2.81 0.005 -.1113777 -.0198

tonnetz\_mean | .8258158 .8880902 0.93 0.353 -.9179828 2.569615

tonnetz\_std | -2.08387 7.6806 -0.27 0.786 -17.16502 12.99728

tonnetz\_var | 8.110149 49.84246 0.16 0.871 -89.7574 105.9777

zcr\_mean | -2.495258 1.732809 -1.44 0.150 -5.897694 .9071776

zcr\_std | 6.57223 3.026027 2.17 0.030 .6305123 12.51395

zcr\_var | -50.32813 20.51313 -2.45 0.014 -90.60643 -10.04983

harm\_mean | 1.26117 6.007798 0.21 0.834 -10.53537 13.05771

harm\_std | -1.687351 3.665222 -0.46 0.645 -8.884152 5.509451

harm\_var | -17.74061 9.780686 -1.81 0.070 -36.94536 1.464132

perc\_mean | -11.01059 9.967509 -1.10 0.270 -30.58217 8.560994

perc\_std | -1.543305 3.260898 -0.47 0.636 -7.946203 4.859592

perc\_var | -9.077691 13.29996 -0.68 0.495 -35.19266 17.03728

frame\_mean | .0106789 .0200729 0.53 0.595 -.028735 .0500927

frame\_std | -.0916818 .0508586 -1.80 0.072 -.1915446 .0081809

frame\_var | .0088826 .0053481 1.66 0.097 -.0016186 .0193837

\_cons | -10.12108 12.29099 -0.82 0.411 -34.25491 14.01274

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disco |

tempo | .0014569 .0015149 0.96 0.337 -.0015177 .0044316

total\_beats | -3.56e-06 4.71e-06 -0.76 0.449 -.0000128 5.68e-06

average\_beats | .0003963 .0003064 1.29 0.196 -.0002054 .000998

chroma\_stft~n | -.4021011 .3705084 -1.09 0.278 -1.129608 .3254062

chroma\_stft~d | 1.219413 16.32609 0.07 0.940 -30.83748 33.27631

chroma\_stft~r | -3.97233 28.48962 -0.14 0.889 -59.91278 51.96812

chroma\_cq\_m~n | .7733974 .7309419 1.06 0.290 -.6618345 2.208629

chroma\_cq\_std | 39.19213 15.1948 2.58 0.010 9.356561 69.0277

chroma\_cq\_var | -60.2477 27.50637 -2.19 0.029 -114.2575 -6.237899

chroma\_cens~n | -69.47833 44.94947 -1.55 0.123 -157.7383 18.78164

chroma\_cens~d | -5.643514 8.276549 -0.68 0.496 -21.89483 10.6078

chroma\_cens~r | -124.2568 116.9969 -1.06 0.289 -353.9846 105.471

melspectrog~n | -.0570457 .0323249 -1.76 0.078 -.1205168 .0064253

melspectrog~d | .0014742 .0024014 0.61 0.540 -.0032411 .0061894

melspectrog~r | .0000103 6.68e-06 1.54 0.124 -2.83e-06 .0000234

mfcc\_mean | -.0073573 .0068366 -1.08 0.282 -.0207813 .0060667

mfcc\_std | -.0300067 .0075051 -4.00 0.000 -.0447432 -.0152702

mfcc\_var | .0001659 .0000401 4.14 0.000 .0000872 .0002447

mfcc\_delta\_~n | -1.989494 2.182201 -0.91 0.362 -6.274328 2.295341

mfcc\_delta\_~d | .0660444 .0848298 0.78 0.437 -.100522 .2326109

mfcc\_delta\_~r | -.0043733 .0124707 -0.35 0.726 -.0288601 .0201134

rmse\_mean | .1024935 .1441563 0.71 0.477 -.1805628 .3855498

rmse\_std | .346104 .104106 3.32 0.001 .141688 .55052

rmse\_var | -.0561827 .0227347 -2.47 0.014 -.1008232 -.0115423

cent\_mean | -.0007649 .0002479 -3.09 0.002 -.0012516 -.0002781

cent\_std | .0010266 .0004994 2.06 0.040 .000046 .0020072

cent\_var | -2.12e-07 2.94e-07 -0.72 0.471 -7.88e-07 3.65e-07

spec\_bw\_mean | .0002998 .000165 1.82 0.070 -.0000243 .0006238

spec\_bw\_std | -.0006537 .0006948 -0.94 0.347 -.0020181 .0007106

spec\_bw\_var | 1.25e-06 7.58e-07 1.64 0.101 -2.42e-07 2.73e-06

contrast\_mean | .0304513 .0134108 2.27 0.023 .0041187 .0567839

contrast\_std | .0731487 .0636747 1.15 0.251 -.051879 .1981765

contrast\_var | -.0060966 .0045216 -1.35 0.178 -.014975 .0027819

rolloff\_mean | .0001311 .0000832 1.58 0.116 -.0000323 .0002944

rolloff\_std | -.0002681 .0002404 -1.12 0.265 -.0007402 .0002039

rolloff\_var | -2.37e-08 7.60e-08 -0.31 0.755 -1.73e-07 1.25e-07

poly\_mean | .184007 .2676378 0.69 0.492 -.3415098 .7095238

poly\_std | .114999 .2051136 0.56 0.575 -.2877493 .5177473

poly\_var | -.0212138 .0258382 -0.82 0.412 -.071948 .0295205

tonnetz\_mean | .2098364 .9840087 0.21 0.831 -1.722302 2.141975

tonnetz\_std | 9.835749 8.510146 1.16 0.248 -6.874243 26.54574

tonnetz\_var | -63.81193 55.22571 -1.16 0.248 -172.2497 44.62583

zcr\_mean | 3.767065 1.919962 1.96 0.050 -.0028519 7.536982

zcr\_std | -6.603776 3.352854 -1.97 0.049 -13.18723 -.0203219

zcr\_var | 15.58711 22.72865 0.69 0.493 -29.04146 60.21568

harm\_mean | -.601595 6.656672 -0.09 0.928 -13.67222 12.46903

harm\_std | -13.57109 4.061085 -3.34 0.001 -21.54518 -5.596995

harm\_var | 32.8516 10.83705 3.03 0.003 11.57264 54.13056

perc\_mean | 28.87348 11.04405 2.61 0.009 7.188062 50.55889

perc\_std | 1.311509 3.613093 0.36 0.717 -5.782935 8.405953

perc\_var | -19.60855 14.73643 -1.33 0.184 -48.54408 9.326974

frame\_mean | .0095398 .0222409 0.43 0.668 -.034131 .0532105

frame\_std | -.1000525 .0563516 -1.78 0.076 -.2107009 .0105959

frame\_var | .0100852 .0059257 1.70 0.089 -.0015502 .0217205

\_cons | 14.09978 13.61849 1.04 0.301 -12.64063 40.84019

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classical |

tempo | .0034591 .0009489 3.65 0.000 .0015959 .0053224

total\_beats | -9.43e-06 2.95e-06 -3.20 0.001 -.0000152 -3.64e-06

average\_beats | .0003725 .0001919 1.94 0.053 -4.36e-06 .0007494

chroma\_stft~n | .0701436 .2320798 0.30 0.763 -.3855538 .5258409

chroma\_stft~d | 35.35141 10.22637 3.46 0.001 15.27155 55.43126

chroma\_stft~r | -63.34768 17.84538 -3.55 0.000 -98.38776 -28.30761

chroma\_cq\_m~n | 1.227351 .4578487 2.68 0.008 .3283482 2.126355

chroma\_cq\_std | -1.068068 9.517749 -0.11 0.911 -19.75653 17.62039

chroma\_cq\_var | 2.529438 17.22949 0.15 0.883 -31.30132 36.3602

chroma\_cens~n | 9.038804 28.15553 0.32 0.748 -46.24564 64.32324

chroma\_cens~d | 1.319456 5.18428 0.25 0.799 -8.860073 11.49899

chroma\_cens~r | 21.91603 73.28472 0.30 0.765 -121.9813 165.8133

melspectrog~n | .0116767 .0202477 0.58 0.564 -.0280804 .0514339

melspectrog~d | .005087 .0015042 3.38 0.001 .0021334 .0080405

melspectrog~r | -9.69e-06 4.19e-06 -2.32 0.021 -.0000179 -1.47e-06

mfcc\_mean | -.007571 .0042824 -1.77 0.078 -.0159796 .0008376

mfcc\_std | .0009195 .004701 0.20 0.845 -.0083111 .0101502

mfcc\_var | .0000336 .0000251 1.34 0.181 -.0000157 .000083

mfcc\_delta\_~n | -2.650849 1.366891 -1.94 0.053 -5.334791 .0330933

mfcc\_delta\_~d | -.2181238 .0531358 -4.11 0.000 -.322458 -.1137896

mfcc\_delta\_~r | .0295255 .0078114 3.78 0.000 .0141875 .0448636

rmse\_mean | .0088539 .0902969 0.10 0.922 -.1684474 .1861552

rmse\_std | .1526915 .0652101 2.34 0.019 .0246491 .280734

rmse\_var | -.0508797 .0142406 -3.57 0.000 -.0788417 -.0229178

cent\_mean | -.0006492 .0001553 -4.18 0.000 -.000954 -.0003443

cent\_std | .0007388 .0003128 2.36 0.018 .0001246 .0013531

cent\_var | -6.30e-09 1.84e-07 -0.03 0.973 -3.67e-07 3.55e-07

spec\_bw\_mean | .0003046 .0001034 2.95 0.003 .0001017 .0005076

spec\_bw\_std | .0019474 .0004352 4.47 0.000 .0010928 .002802

spec\_bw\_var | -2.03e-06 4.75e-07 -4.26 0.000 -2.96e-06 -1.09e-06

contrast\_mean | .0097094 .0084003 1.16 0.248 -.0067848 .0262037

contrast\_std | -.0418522 .0398847 -1.05 0.294 -.1201673 .0364629

contrast\_var | .0009479 .0028323 0.33 0.738 -.0046134 .0065092

rolloff\_mean | .0000692 .0000521 1.33 0.185 -.0000332 .0001715

rolloff\_std | -.0009471 .0001506 -6.29 0.000 -.0012428 -.0006514

rolloff\_var | 1.96e-07 4.76e-08 4.13 0.000 1.03e-07 2.90e-07

poly\_mean | -.3168718 .1676434 -1.89 0.059 -.646046 .0123024

poly\_std | .6584308 .1284794 5.12 0.000 .4061566 .910705

poly\_var | -.0476347 .0161846 -2.94 0.003 -.0794138 -.0158557

tonnetz\_mean | 1.420604 .6163652 2.30 0.021 .2103481 2.630861

tonnetz\_std | 10.72354 5.330601 2.01 0.045 .256702 21.19037

tonnetz\_var | -69.24959 34.59238 -2.00 0.046 -137.173 -1.326147

zcr\_mean | 6.038121 1.202629 5.02 0.000 3.676713 8.399528

zcr\_std | -4.366018 2.100167 -2.08 0.038 -8.489774 -.2422619

zcr\_var | -1.950643 14.23682 -0.14 0.891 -29.90517 26.00388

harm\_mean | 9.922871 4.169618 2.38 0.018 1.735669 18.11007

harm\_std | -5.466951 2.54379 -2.15 0.032 -10.46178 -.4721236

harm\_var | 11.34576 6.788132 1.67 0.095 -1.982994 24.67451

perc\_mean | -10.85638 6.917794 -1.57 0.117 -24.43973 2.726964

perc\_std | -10.81397 2.263176 -4.78 0.000 -15.2578 -6.37014

perc\_var | 36.02204 9.230629 3.90 0.000 17.89735 54.14672

frame\_mean | .0118706 .0139313 0.85 0.394 -.0154839 .0392252

frame\_std | -.0726781 .0352976 -2.06 0.040 -.1419862 -.0033699

frame\_var | .0074877 .0037117 2.02 0.044 .0001996 .0147759

\_cons | -8.558835 8.530372 -1.00 0.316 -25.30854 8.190871

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blues |

tempo | -.0012037 .0014334 -0.84 0.401 -.0040183 .0016108

total\_beats | 3.26e-06 4.45e-06 0.73 0.464 -5.48e-06 .000012

average\_beats | .0000112 .0002899 0.04 0.969 -.0005581 .0005805

chroma\_stft~n | .3947034 .3505687 1.13 0.261 -.2936515 1.083058

chroma\_stft~d | -14.7351 15.44747 -0.95 0.340 -45.06678 15.59658

chroma\_stft~r | 29.615 26.95639 1.10 0.272 -23.31489 82.54489

chroma\_cq\_m~n | -1.035418 .6916046 -1.50 0.135 -2.39341 .3225732

chroma\_cq\_std | 5.389584 14.37706 0.37 0.708 -22.84032 33.61949

chroma\_cq\_var | -16.3207 26.02606 -0.63 0.531 -67.42384 34.78244

chroma\_cens~n | 110.9058 42.53041 2.61 0.009 27.39572 194.4158

chroma\_cens~d | -15.4727 7.831128 -1.98 0.049 -30.84942 -.0959891

chroma\_cens~r | 276.6164 110.7004 2.50 0.013 59.25195 493.9809

melspectrog~n | -.0405029 .0305852 -1.32 0.186 -.1005581 .0195524

melspectrog~d | .0003457 .0022722 0.15 0.879 -.0041158 .0048072

melspectrog~r | .0000106 6.32e-06 1.67 0.096 -1.86e-06 .000023

mfcc\_mean | -.0137332 .0064687 -2.12 0.034 -.0264348 -.0010317

mfcc\_std | -.0060534 .0071012 -0.85 0.394 -.0199968 .00789

mfcc\_var | .000047 .0000379 1.24 0.216 -.0000275 .0001215

mfcc\_delta\_~n | 1.780092 2.064761 0.86 0.389 -2.274145 5.834328

mfcc\_delta\_~d | .2988939 .0802645 3.72 0.000 .1412916 .4564962

mfcc\_delta\_~r | -.0441336 .0117996 -3.74 0.000 -.0673025 -.0209647

rmse\_mean | -.0702177 .1363982 -0.51 0.607 -.3380407 .1976053

rmse\_std | -.317988 .0985033 -3.23 0.001 -.5114029 -.1245732

rmse\_var | .0097695 .0215112 0.45 0.650 -.0324686 .0520075

cent\_mean | -.000614 .0002345 -2.62 0.009 -.0010746 -.0001535

cent\_std | -.0003546 .0004725 -0.75 0.453 -.0012824 .0005733

cent\_var | 2.10e-07 2.78e-07 0.76 0.450 -3.35e-07 7.55e-07

spec\_bw\_mean | .0004299 .0001561 2.75 0.006 .0001233 .0007365

spec\_bw\_std | -.0007937 .0006574 -1.21 0.228 -.0020846 .0004972

spec\_bw\_var | 7.27e-07 7.17e-07 1.01 0.311 -6.81e-07 2.14e-06

contrast\_mean | .0736396 .0126891 5.80 0.000 .0487241 .0985551

contrast\_std | -.0310361 .0602479 -0.52 0.607 -.1493352 .087263

contrast\_var | .00181 .0042783 0.42 0.672 -.0065906 .0102106

rolloff\_mean | .0000407 .0000787 0.52 0.605 -.0001138 .0001953

rolloff\_std | -.0000147 .0002275 -0.06 0.949 -.0004613 .0004319

rolloff\_var | -2.57e-08 7.19e-08 -0.36 0.721 -1.67e-07 1.15e-07

poly\_mean | -.8532586 .2532342 -3.37 0.001 -1.350494 -.3560236

poly\_std | .1767592 .194075 0.91 0.363 -.2043142 .5578327

poly\_var | .0819001 .0244477 3.35 0.001 .0338962 .129904

tonnetz\_mean | .7770538 .9310521 0.83 0.404 -1.051102 2.60521

tonnetz\_std | -32.07751 8.052153 -3.98 0.000 -47.88822 -16.2668

tonnetz\_var | 184.1765 52.25362 3.52 0.000 81.57458 286.7785

zcr\_mean | 4.134999 1.816635 2.28 0.023 .5679681 7.702029

zcr\_std | 1.934689 3.172412 0.61 0.542 -4.294463 8.16384

zcr\_var | -16.35812 21.50546 -0.76 0.447 -58.58491 25.86866

harm\_mean | 6.432444 6.298428 1.02 0.307 -5.934757 18.79964

harm\_std | 15.13914 3.842529 3.94 0.000 7.594185 22.68409

harm\_var | -24.62554 10.25383 -2.40 0.017 -44.75933 -4.491754

perc\_mean | -26.65879 10.44969 -2.55 0.011 -47.17715 -6.140422

perc\_std | 16.25787 3.418646 4.76 0.000 9.545228 22.97051

perc\_var | -50.94987 13.94335 -3.65 0.000 -78.32817 -23.57157

frame\_mean | .0088384 .0210439 0.42 0.675 -.0324821 .0501589

frame\_std | -.0094791 .0533189 -0.18 0.859 -.1141727 .0952146

frame\_var | -.0030563 .0056068 -0.55 0.586 -.0140655 .0079528

\_cons | -29.98288 12.88558 -2.33 0.020 -55.28419 -4.681561

WITH NUMBERS 1-10

. regress genre tempo total\_beats average\_beats chroma\_stft\_mean chroma\_stft\_std

> chroma\_stft\_var chroma\_cq\_mean chroma\_cq\_std chroma\_cq\_var chroma\_cens\_mean c

> hroma\_cens\_std chroma\_cens\_var melspectrogram\_mean melspectrogram\_std melspect

> rogram\_var mfcc\_mean mfcc\_std mfcc\_var mfcc\_delta\_mean mfcc\_delta\_std mfcc\_del

> ta\_var rmse\_mean rmse\_std rmse\_var cent\_mean cent\_std cent\_var spec\_bw\_mean sp

> ec\_bw\_std spec\_bw\_var contrast\_mean contrast\_std contrast\_var rolloff\_mean rol

> loff\_std rolloff\_var poly\_mean poly\_std poly\_var tonnetz\_mean tonnetz\_std tonn

> etz\_var zcr\_mean zcr\_std zcr\_var harm\_mean harm\_std harm\_var perc\_mean perc\_st

> d perc\_var frame\_mean frame\_std frame\_var

Source | SS df MS Number of obs = 720

-------------+---------------------------------- F(54, 665) = 12.17

Model | 2385.8344 54 44.1821185 Prob > F = 0.0000

Residual | 2414.1656 665 3.63032421 R-squared = 0.4970

-------------+---------------------------------- Adj R-squared = 0.4562

Total | 4800 719 6.6759388 Root MSE = 1.9053

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genre | Coef. Std. Err. t P>|t| [95% Conf. Interval]

--------------+----------------------------------------------------------------

tempo | -.0137037 .0108678 -1.26 0.208 -.035043 .0076355

total\_beats | .0000481 .0000338 1.42 0.155 -.0000182 .0001143

average\_beats | -.0035677 .0021983 -1.62 0.105 -.0078841 .0007487

chroma\_stft~n | 2.516338 2.657944 0.95 0.344 -2.702636 7.735311

chroma\_stft~d | -254.4995 117.1197 -2.17 0.030 -484.4685 -24.53061

chroma\_stft~r | 444.2755 204.3781 2.17 0.030 42.97133 845.5796

chroma\_cq\_m~n | 8.931451 5.243612 1.70 0.089 -1.364579 19.22748

chroma\_cq\_std | -136.791 109.0041 -1.25 0.210 -350.8247 77.24262

chroma\_cq\_var | 217.2225 197.3245 1.10 0.271 -170.2317 604.6766

chroma\_cens~n | -431.9336 322.4573 -1.34 0.181 -1065.091 201.2235

chroma\_cens~d | 150.2424 59.3741 2.53 0.012 33.65913 266.8257

chroma\_cens~r | -1342.326 839.3092 -1.60 0.110 -2990.341 305.6893

melspectrog~n | .1787899 .2318913 0.77 0.441 -.2765374 .6341171

melspectrog~d | -.0423469 .0172271 -2.46 0.014 -.0761728 -.0085209

melspectrog~r | .0000496 .000048 1.03 0.302 -.0000446 .0001437

mfcc\_mean | .1537893 .0490446 3.14 0.002 .0574885 .2500902

mfcc\_std | .1149545 .0538397 2.14 0.033 .0092383 .2206708

mfcc\_var | -.0008139 .0002876 -2.83 0.005 -.0013786 -.0002492

mfcc\_delta\_~n | -3.996463 15.65462 -0.26 0.799 -34.7349 26.74197

mfcc\_delta\_~d | -1.011381 .6085496 -1.66 0.097 -2.206291 .1835296

mfcc\_delta\_~r | .1220592 .0894622 1.36 0.173 -.0536032 .2977215

rmse\_mean | -.6005043 1.034145 -0.58 0.562 -2.631086 1.430078

rmse\_std | -.7565541 .7468327 -1.01 0.311 -2.222988 .7098801

rmse\_var | .3112247 .1630937 1.91 0.057 -.009016 .6314655

cent\_mean | .0084521 .0017782 4.75 0.000 .0049604 .0119437

cent\_std | -.0021558 .0035827 -0.60 0.548 -.0091906 .004879

cent\_var | -8.32e-07 2.11e-06 -0.40 0.693 -4.97e-06 3.30e-06

spec\_bw\_mean | -.0042734 .0011838 -3.61 0.000 -.0065979 -.0019489

spec\_bw\_std | .0007649 .0049846 0.15 0.878 -.0090226 .0105524

spec\_bw\_var | -2.96e-06 5.44e-06 -0.55 0.586 -.0000136 7.71e-06

contrast\_mean | -.4522707 .096206 -4.70 0.000 -.6411749 -.2633665

contrast\_std | .168902 .4567882 0.37 0.712 -.7280188 1.065823

contrast\_var | .0108976 .0324372 0.34 0.737 -.0527941 .0745893

rolloff\_mean | -.0010539 .0005968 -1.77 0.078 -.0022258 .000118

rolloff\_std | .0045116 .0017246 2.62 0.009 .0011252 .0078979

rolloff\_var | -3.15e-07 5.45e-07 -0.58 0.563 -1.39e-06 7.55e-07

poly\_mean | 5.812389 1.919973 3.03 0.003 2.04245 9.582328

poly\_std | -4.095131 1.471439 -2.78 0.006 -6.984357 -1.205906

poly\_var | -.1065121 .1853574 -0.57 0.566 -.4704684 .2574441

tonnetz\_mean | -12.16628 7.059057 -1.72 0.085 -26.02701 1.694442

tonnetz\_std | 156.2578 61.04987 2.56 0.011 36.38405 276.1315

tonnetz\_var | -789.1017 396.1768 -1.99 0.047 -1567.01 -11.19354

zcr\_mean | -50.48622 13.77337 -3.67 0.000 -77.53076 -23.44169

zcr\_std | -4.518024 24.05262 -0.19 0.851 -51.74624 42.71019

zcr\_var | 178.4256 163.0502 1.09 0.274 -141.7297 498.581

harm\_mean | -66.30544 47.75346 -1.39 0.165 -160.0712 27.46028

harm\_std | 9.355038 29.13331 0.32 0.748 -47.84932 66.55939

harm\_var | -24.8879 77.74257 -0.32 0.749 -177.5384 127.7626

perc\_mean | 90.66073 79.22755 1.14 0.253 -64.90555 246.227

perc\_std | -27.17238 25.91951 -1.05 0.295 -78.06633 23.72156

perc\_var | 140.8893 105.7158 1.33 0.183 -66.68769 348.4662

frame\_mean | -.056776 .1595509 -0.36 0.722 -.3700602 .2565082

frame\_std | 1.038952 .4042534 2.57 0.010 .2451857 1.832719

frame\_var | -.1052719 .0425096 -2.48 0.014 -.1887411 -.0218027

\_cons | 171.7488 97.69595 1.76 0.079 -20.08089 363.5785

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