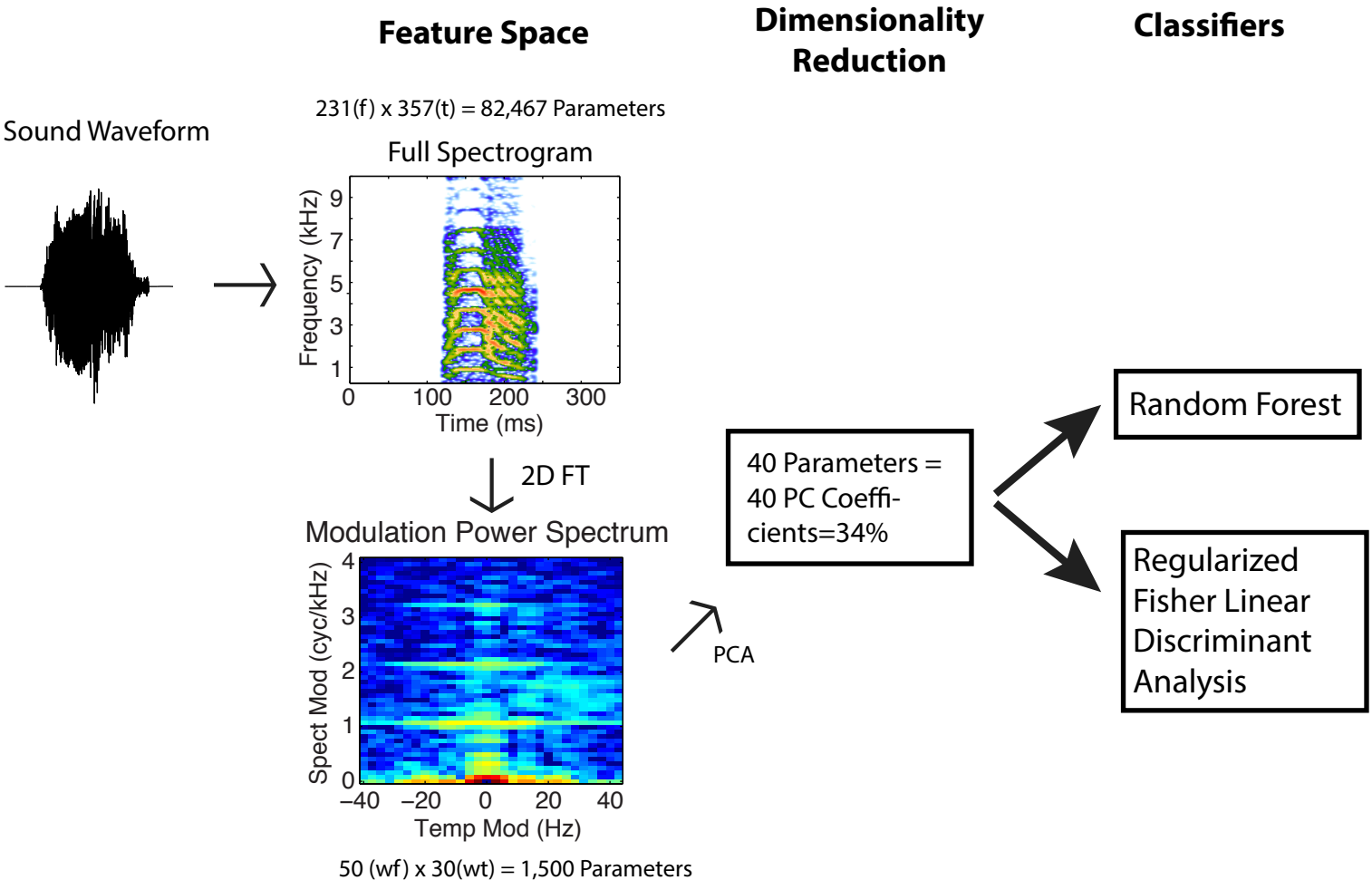
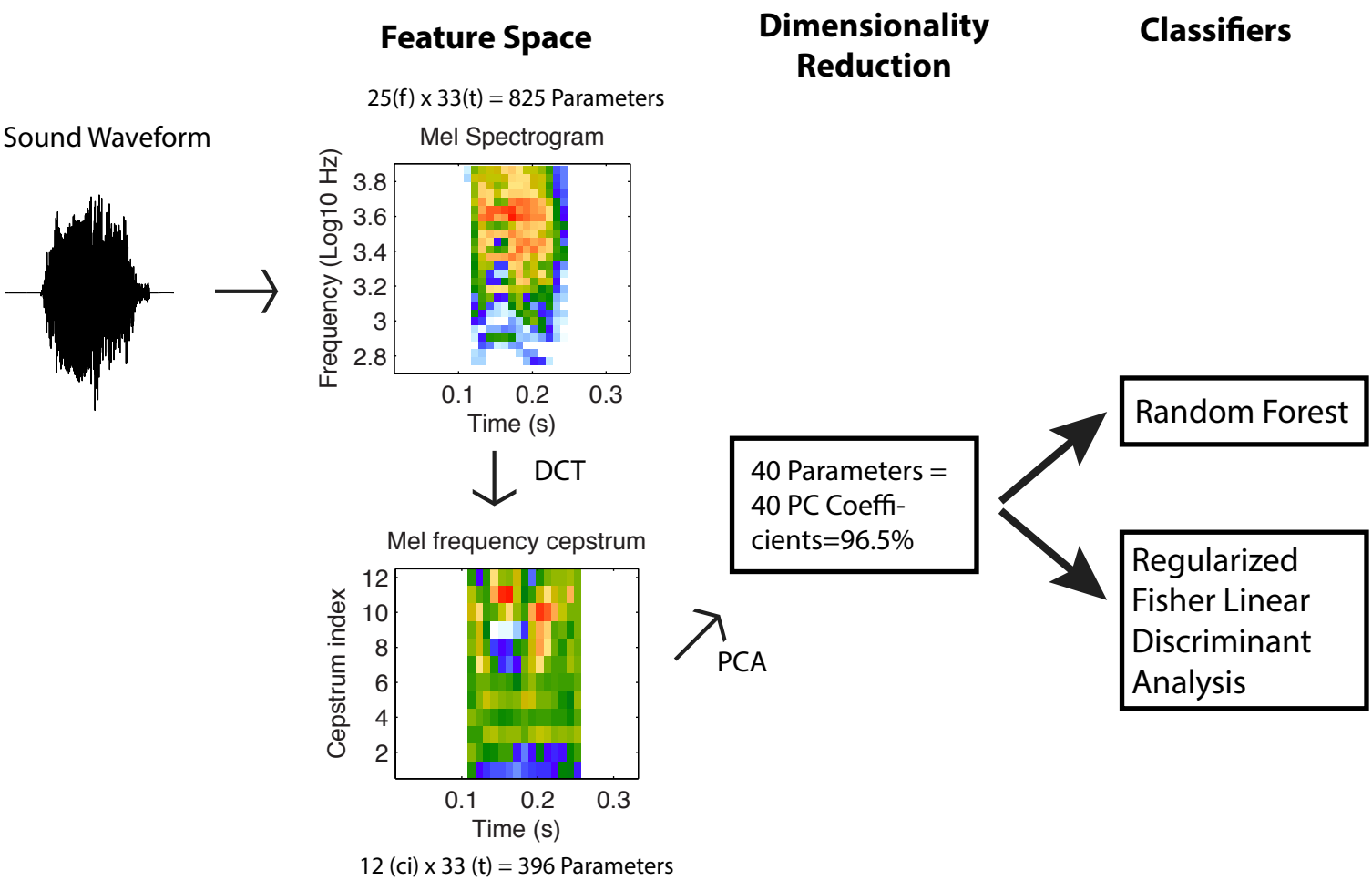
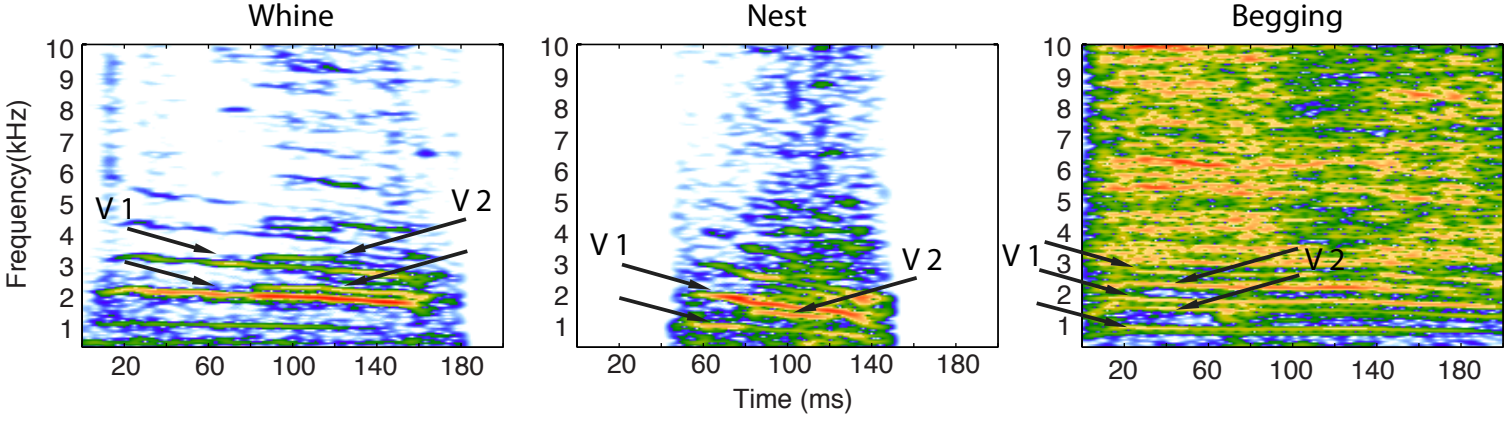


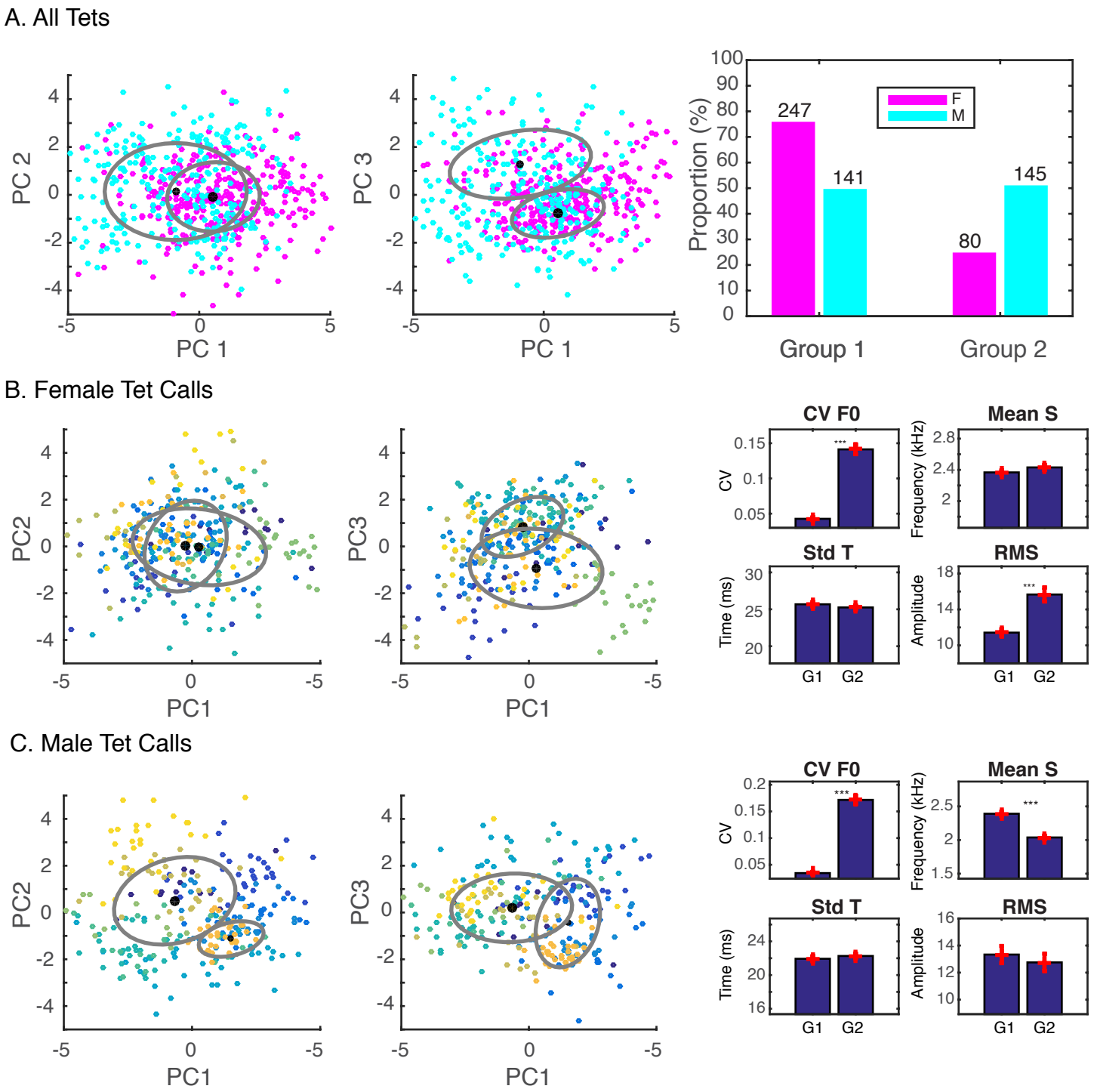
Supplementary Figure 1. Flow-chart showing the calculation of the modulation power spectrum (MPS) and the use of this acoustical representation in the classification procedure. In this feature space each sound is characterized by its MPS. The MPS is the amplitude square of the 2D Fourier Transform (2D FT) of the log spectrogram. The spectrogram was estimated with the same time-frequency scale as in Figure 2. The modulation power spectrum was sampled every 2.85 Hz between -40Hz and 40 Hz for temporal modulations (x-axis) and every 0.0826 cyc/kHz between 0 and 4 cyc/kHz for spectral modulations (y-axis) for a total of 1,500 parameters. As for the spectrographic representation, principal component analysis (PCA) was used to reduce the number of parameters to 40 before classification. The 40 parameters captured 34% of the variance in the modulation power spectrum across all vocalizations in our data set. The classifiers were trained to estimate the vocalization category.



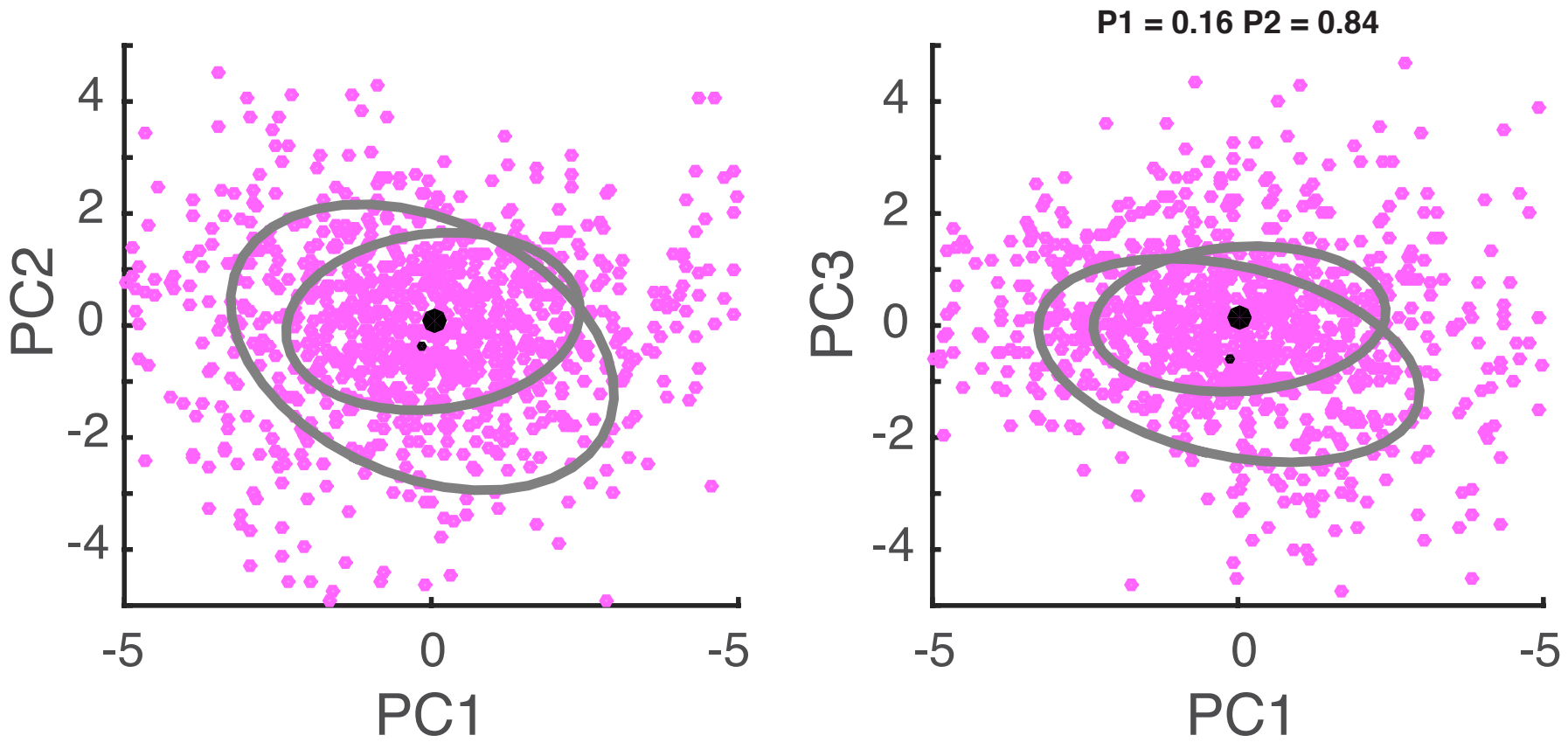
Supplementary Figure 2. Flow-chart showing the calculation of the Mel frequency cepstral coefficients (MFCC) and the use of this acoustical representation in the classification procedure. In this feature space each sound is characterized by a time sequence of cepstral coefficients. The cepstrum coefficients were obtained from the discrete cosine transform (DCT) of the log of the amplitude in one time slice of the spectrogram. For MFCC, the Mel spectrogram was obtained using 25 filterbank channels approximately logarithmically spaced (Mel spaced frequency bands) between 500 and 8000 Hz. The time windows were 25 ms long and spaced every 10 ms (15 ms overlap). Twelve cepstral indexes (ci) were extracted from each spectral envelope resulting in a 12 ci for 33 time points resulting in a total of 396 parameters. Similar to the spectrographic representation, principal component analysis (PCA) was used to reduce the number of parameters to 40 before classification. The 40 parameters captured 96% of the variance in the MFCC modulation power spectrum across all vocalizations in our dataset. The classifiers were trained to estimate the vocalization category.



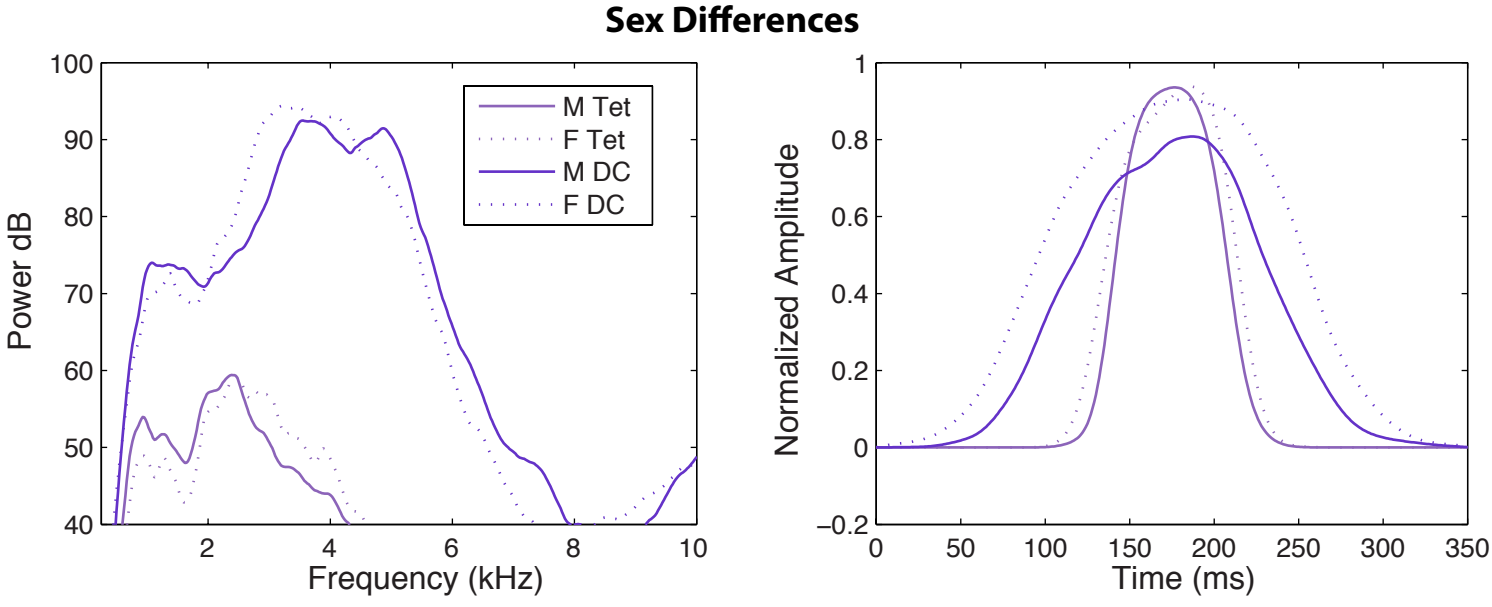
Supplementary Figure 3. Spectrograms of three example calls exhibiting a double voice component. Double voices or two pitches were regularly found in zebra finch vocalizations. Here are shown examples of a Whine, Nest and Begging call where the double voice can clearly be observed on the spectrogram. The arrows show the fundamental or harmonic corresponding to the two voices.



Supplementary Figure 4. Unsupervised Clustering of Tet calls: Sexual dimorphism and two types of calls. A "mixture-of-Gaussians" model was used to perform unsupervised clustering of groups of calls as described in the legend of Figure 9 and methods. A. Unsupervised clustering of all *Tet* calls produced by male and female birds resulted in a distribution well fitted by two Gaussians of approximately equal weight (w1=0.38, w2 = 0.62). Assignment to one of the two clusters resulted in significantly different proportions of male and female calls in each group (z=6.72, P<10-4) as illustrated on the bar plot on the right column. B and C. Unsupervised clustering of female (B) and male (C) *Tet* calls only. These distributions were also well fitted by two Gaussians of approximately equal weight (Female: w1=0.53, w2 = 0.47; Male: w1=0.31, w2 = 0.69). The color code on the scatter plots indicates vocalizers' identity and show that individuals produce calls in each group although some produce mostly one "type". Note that the mixture-of-Gaussians algorithm is blind to the vocalizer's identity. We estimated mean values of each acoustical parameter for Tet calls assigned to each group and show the results for the CV of the fundamental (*CV F0*), the spectral mean (*mean S*), the duration (*std T*) and the intensity (RMS) with bar plots on the right panels. Error bars correspond to one sem. The most distinguishing acoustical feature is the CV of the fundamental (Female: t(325)=-14.71 P <10-4; Male: t(284)=-11.93 P < 10-4) that for both sexes is much lower in one of the groups (group 1 for both). This group of calls with very low modulation of their fundamental has been described as Stacks (Ter Maat et al., 2014). Note that we re-estimated principal components for male and female calls only and therefore the PC axes correspond to different combination of acoustical features in all three rows.



Supplementary Figure 5. Unsupervised Clustering of Nest calls: a unimodal distribution. A "mixture-of-Gaussians" model was used to perform unsupervised clustering of Nest calls as described in the legend of Figure 9 and methods. Although the BIC values suggest that this distribution is better fitted with two Gaussians than one Gaussian, the weights of these two Gaussians is greatly biased towards one group (w1=0.16, w2 = 0.84) demonstrating that the distribution is clearly unimodal, albeit not perfectly Gaussian.



Supplementary Figure 6. Power Spectrum and Temporal Envelope for Tet and Distance calls. Tet (light purple) and Distance calls (dark purple) are the two calls that show sexual differences (solid male, dotted female). The left panel (A) shows the non-normalized frequency spectra and the right panel (B) the normalized temporal amplitude envelope (right) for these two calls and for male and female birds. In the power spectrum, one can also appreciate the shifts in the formant frequencies between Tet and Distance calls.

	F0	Sal	Pk 2	2nd V	Max F0	Min F0	CV F0	Mean S	Std S	Skew S	Kurt S	Ent S	Q1	Q2	Q3	Mean T	Std T	Skew T	Kurt T	Ent T
F0	1	-0.02	0.03	0.37	0.5	0.32	0.08	0.28	-0.06	-0.41	0.23	-0.04	0.3	0.26	0.22	0.06	0.05	0.04	0.05	-0.1
Sal	-0.02	1	0.16	-0.29	-0.19	0.24	-0.47	-0.24	-0.5	-0.02	0.16	-0.72	-0.08	-0.2	-0.33	0.03	0.04	0.01	-0.13	0.14
Pk 2	0.03	0.16	1	-0.05	-0.07	0.11	-0.13	0.08	-0.12	-0.18	0.15	-0.17	0.13	0.08	0.04	0	0	0.05	0.03	-0.03
2nd V	0.37	-0.29	-0.05	1	0.26	-0.02	0.2	0.39	0.08	-0.29	0.07	0.19	0.36	0.36	0.35	0	0	-0.05	-0.02	-0.08
Max F0	0.5	-0.19	-0.07	0.26	1	-0.18	0.72	-0.04	0.06	-0.01	0.1	0.11	-0.07	-0.06	-0.03	0	0.15	0.01	-0.04	0.1
Min F0	0.32	0.24	0.11	-0.02	-0.18	1	-0.54	0.14	-0.2	-0.36	0.24	-0.27	0.22	0.14	0.07	0.07	-0.16	0.05	0.09	-0.22
CV F0	0.08	-0.47	-0.13	0.2	0.72	-0.54	1	-0.12	0.25	0.22	-0.04	0.32	-0.21	-0.13	-0.05	-0.03	0.11	-0.01	-0.01	0.11
Mean S	0.28	-0.24	0.08	0.39	-0.04	0.14	-0.12	1	0.34	-0.69	0	0.38	0.92	0.97	0.93	0.03	0.08	0	0.08	-0.16
Std S	-0.06	-0.5	-0.12	0.08	0.06	-0.2	0.25	0.34	1	-0.01	-0.3	0.7	0	0.31	0.57	-0.03	0.06	-0.02	0.06	0.01
Skew S	-0.41	-0.02	-0.18	-0.29	-0.01	-0.36	0.22	-0.69	-0.01	1	-0.43	-0.03	-0.68	-0.66	-0.6	-0.05	0.03	-0.05	-0.06	0.2
Kurt S	0.23	0.16	0.15	0.07	0.1	0.24	-0.04	0	-0.3	-0.43	1	-0.34	0.1	-0.01	-0.08	0.01	-0.09	0.02	0.05	-0.16
Ent S	-0.04	-0.72	-0.17	0.19	0.11	-0.27	0.32	0.38	0.7	-0.03	-0.34	1	0.13	0.34	0.51	-0.04	0.11	-0.05	0.03	0.03
Q1	0.3	-0.08	0.13	0.36	-0.07	0.22	-0.21	0.92	0	-0.68	0.1	0.13	1	0.89	0.75	0.05	0.07	0.01	0.07	-0.16
Q2	0.26	-0.2	0.08	0.36	-0.06	0.14	-0.13	0.97	0.31	-0.66	-0.01	0.34	0.89	1	0.91	0.03	0.07	0	0.08	-0.16
Q3	0.22	-0.33	0.04	0.35	-0.03	0.07	-0.05	0.93	0.57	-0.6	-0.08	0.51	0.75	0.91	1	0.02	0.07	-0.01	0.09	-0.14
Mean T	0.06	0.03	0	0	0	0.07	-0.03	0.03	-0.03	-0.05	0.01	-0.04	0.05	0.03	0.02	1	0.01	-0.29	0.02	-0.04
Std T	0.05	0.04	0	0	0.15	-0.16	0.11	0.08	0.06	0.03	-0.09	0.11	0.07	0.07	0.07	0.01	1	-0.06	-0.24	0.72
Skew T	0.04	0.01	0.05	-0.05	0.01	0.05	-0.01	0	-0.02	-0.05	0.02	-0.05	0.01	0	-0.01	-0.29	-0.06	1	0.2	-0.13
Kurt T	0.05	-0.13	0.03	-0.02	-0.04	0.09	-0.01	0.08	0.06	-0.06	0.05	0.03	0.07	0.08	0.09	0.02	-0.24	0.2	1	-0.66
Ent T	-0.1	0.14	-0.03	-0.08	0.1	-0.22	0.11	-0.16	0.01	0.2	-0.16	0.03	-0.16	-0.16	-0.14	-0.04	0.72	-0.13	-0.66	1

Supplemental Table 1. Correlation Coefficient between 20 Predefined Acoustical Features (PAFs).
The red cells emphasize bi-variate correlations that are above 0.5 or below -0.5. The correlation table is symmetric along the diagonal. The table does not include RMS and max Amp. These features are highly correlated between themselves and uncorrelated with these 20 features that capture the shape of the temporal and spectral envelopes and properties of the fundamental frequency.

Supplemental Tables 2.

Statistical results of the linear mixed effect (lme) models with vocalization type as a fixed effect and the bird is as a random effect. The first line shows the p-value and adjusted R^2 as well as the overall mean. The following lines have the predicted mean values for each call type obtained from the coefficients of the lme model, the 95% confidence interval and the probability that this predicted mean value is different from the overall mean as assessed by a Wald Test.

Mean Fundamental Frequency (Mean F0). Units Hz.
p=4.8e-11 R2A=0.37 Overall Mean 643.838
Te 557.536 (529.217-595.270) 0.0000
Tu 574.355 (539.364-627.609) 0.0076
Th 585.686 (532.992-624.668) 0.0057
Ne 611.115 (570.425-642.464) 0.0420
Di 646.162 (637.019-737.076) 0.0900
Wh 651.241 (601.424-683.844) 0.9541
LT 654.763 (603.902-693.604) 0.8290
Ws 675.612 (627.025-695.892) 0.3139
DC 679.847 (633.276-698.071) 0.1852
Be 685.130 (632.637-716.252) 0.1503
So 760.770 (712.938-801.178) 0.0000

Saliency.
p=7.4e-43 R2A=0.70 Overall Mean 0.615
Ws 0.413 (0.390-0.460) 0.0000
Di 0.468 (0.410-0.513) 0.0000
Be 0.477 (0.436-0.520) 0.0000
Ne 0.542 (0.508-0.581) 0.0002
Th 0.632 (0.590-0.685) 0.3409
So 0.633 (0.579-0.670) 0.6569
Tu 0.635 (0.583-0.674) 0.5533
Wh 0.658 (0.620-0.704) 0.0286
LT 0.742 (0.700-0.791) 0.0000
DC 0.773 (0.752-0.818) 0.0000
Te 0.788 (0.757-0.824) 0.0000

Second Fundamental. Units Hz.
p=0.0063 R2A=0.13 Overall Mean 2259.703
Ne 2013.471 (1872.919-2290.112) 0.0936
Be 2080.040 (1865.952-2349.278) 0.2158
So 2150.749 (1868.934-2381.843) 0.3026
Ws 2196.648 (1807.137-2224.188) 0.0221
Tu 2243.388 (1892.763-2405.781) 0.3966
Wh 2266.034 (1956.976-2435.594) 0.6015
Th 2313.228 (2214.028-2747.217) 0.1037

DC 2323.431 (2171.449-2545.922) 0.2981
Di 2361.862 (2061.890-2711.338) 0.4414
Te 2365.280 (2205.286-2587.164) 0.1599
LT 2542.597 (2310.249-2828.997) 0.0195

2nd Voice occurrence. Units percent
p=1.9e-11 R2A=0.30 Overall Mean 12.635
Te 3.005 (-0.675-6.568) 0.0000
Th 8.683 (1.263-11.494) 0.0168
Tu 9.139 (3.896-13.727) 0.1266
Ne 9.554 (5.868-13.801) 0.1653
DC 9.603 (5.470-12.568) 0.0459
Ws 11.904 (7.498-15.063) 0.4807
Di 12.641 (10.424-21.628) 0.2337
Wh 12.671 (9.761-18.915) 0.4636
LT 13.247 (9.645-19.488) 0.4395
So 19.825 (13.258-23.089) 0.0274
Be 28.709 (22.561-31.725) 0.0000

Max F0. Units Hz.
p=2.7e-31 R2A=0.61 Overall Mean 997.437
Th 751.163 (676.712-836.110) 0.0000
Te 784.654 (737.973-851.223) 0.0000
Tu 810.990 (756.817-910.038) 0.0000
LT 916.134 (789.388-943.264) 0.0009
DC 916.851 (833.463-944.458) 0.0002
Be 967.898 (903.967-1047.253) 0.5484
Di 1118.775 (1073.333-1247.777) 0.0003
Ne 1125.368 (1071.325-1195.259) 0.0000
So 1153.113 (1074.574-1227.787) 0.0001
Ws 1169.020 (1136.806-1255.047) 0.0000
Wh 1257.840 (1171.912-1314.668) 0.0000

Min F0. Units Hz.
p=4e-25 R2A=0.53 Overall Mean 412.480
Wh 324.541 (294.003-346.974) 0.0000
Ws 348.550 (320.802-364.649) 0.0000
Ne 355.480 (331.126-377.090) 0.0000
LT 394.127 (378.907-435.964) 0.7275
Di 398.755 (359.988-424.747) 0.2219
Be 403.323 (372.169-425.296) 0.3084
So 442.044 (419.618-476.479) 0.0145
Te 449.259 (427.531-469.524) 0.0009
Tu 455.440 (418.204-475.067) 0.0188
DC 480.889 (465.362-506.516) 0.0000
Th 484.872 (437.897-497.060) 0.0003

CV F0. Unitless (0 to 1)
p=5.3e-45 R2A=0.71 Overall Mean 0.230
Th 0.105 (0.073-0.152) 0.0000
Te 0.107 (0.080-0.136) 0.0000
DC 0.132 (0.097-0.152) 0.0000
Tu 0.133 (0.104-0.181) 0.0000
LT 0.147 (0.087-0.163) 0.0000
Be 0.233 (0.208-0.279) 0.4696
So 0.249 (0.209-0.285) 0.3799
Di 0.324 (0.268-0.355) 0.0003
Ne 0.336 (0.318-0.380) 0.0000
Wh 0.370 (0.324-0.395) 0.0000
Ws 0.397 (0.383-0.442) 0.0000

Spectral Mean. Units Hz.
p=6.6e-53 R2A=0.80 Overall Mean 2971.180
Wh 1835.356 (1565.880-2056.439) 0.0000
Ne 2013.352 (1744.977-2171.167) 0.0000
Te 2280.881 (2065.321-2454.901) 0.0000
Di 2517.078 (2453.903-3052.934) 0.1531
Th 2548.220 (2460.114-3007.637) 0.0889
Ws 2666.920 (2362.195-2768.889) 0.0001
Tu 2762.768 (2599.361-3125.741) 0.4164
So 3443.299 (3074.686-3601.037) 0.0066
DC 3582.560 (3375.423-3757.280) 0.0000
LT 3597.701 (3414.933-3944.251) 0.0000
Be 5434.842 (5048.868-5541.805) 0.0000

Spectral Std. Units Hz.
p=5.5e-32 R2A=0.65 Overall Mean 1384.375
DC 1006.800 (866.027-1104.634) 0.0000
Th 1034.848 (972.133-1307.284) 0.0045
Te 1107.477 (998.263-1241.387) 0.0000
Wh 1219.573 (1036.494-1338.372) 0.0109
Tu 1317.035 (1299.776-1622.602) 0.3489
LT 1350.504 (1081.426-1411.450) 0.1008
So 1351.565 (1148.478-1471.286) 0.3636
Ne 1386.902 (1237.081-1501.772) 0.8238
Di 1496.060 (1371.728-1737.046) 0.0679
Be 1894.897 (1848.964-2156.784) 0.0000
Ws 2062.460 (1911.287-2164.577) 0.0000

Spectral skewness. Unit less.
p=9e-38 R2A=0.65 Overall Mean 1.342
Be -0.107 (-0.408-0.322) 0.0000

DC 0.115 (-0.095-0.470) 0.0000
So 0.232 (0.103-0.887) 0.0000
LT 0.636 (0.258-1.042) 0.0006
Th 1.131 (0.638-1.454) 0.1535
Te 1.559 (1.278-1.855) 0.1264
Tu 1.596 (1.143-1.927) 0.3327
Ws 1.763 (1.552-2.154) 0.0010
Di 1.890 (1.046-1.940) 0.5063
Ne 2.662 (2.430-3.062) 0.0000
Wh 3.284 (3.047-3.777) 0.0000

Spectral Kurtosis. Unitless.
p=3.8e-16 R2A=0.37 Overall Mean 10.108
Be 3.210 (0.012-6.255) 0.0000
LT 5.421 (2.958-9.664) 0.0267
DC 6.977 (4.989-9.825) 0.0288
Ws 7.001 (4.882-10.037) 0.0441
Th 7.163 (3.283-10.263) 0.0609
Tu 9.244 (5.488-12.194) 0.4566
Te 9.658 (7.083-12.019) 0.6566
So 12.643 (7.504-14.210) 0.6598
Di 12.996 (6.275-13.921) 0.9959
Ne 15.038 (13.260-18.667) 0.0000
Wh 21.839 (20.094-26.337) 0.0000

Spectral Entropy. Unitless (0-1)
p=1.2e-24 R2A=0.52 Overall Mean 0.715
Te 0.624 (0.599-0.647) 0.0000
DC 0.667 (0.636-0.683) 0.0000
Wh 0.669 (0.641-0.702) 0.0056
Th 0.680 (0.664-0.732) 0.3209
LT 0.684 (0.649-0.714) 0.0429
Tu 0.704 (0.692-0.757) 0.5442
So 0.721 (0.684-0.749) 0.9186
Di 0.733 (0.721-0.795) 0.0240
Ne 0.744 (0.710-0.763) 0.1016
Ws 0.811 (0.777-0.827) 0.0000
Be 0.827 (0.796-0.857) 0.0000

Spectral Q1. Units Hz.
p=2.1e-50 R2A=0.77 Overall Mean 2111.610
Ne 1172.097 (926.677-1353.683) 0.0000
Wh 1199.835 (932.866-1425.129) 0.0000
Ws 1319.383 (1047.945-1455.245) 0.0000
Di 1563.249 (1399.591-2001.581) 0.0077
Te 1581.298 (1342.665-1732.721) 0.0000

Th 1881.280 (1682.160-2232.051) 0.2689
Tu 1969.829 (1698.550-2227.040) 0.2678
So 2559.898 (2218.647-2747.118) 0.0062
LT 2726.974 (2654.597-3184.582) 0.0000
DC 3070.847 (2854.728-3236.977) 0.0000
Be 4183.020 (3699.035-4192.502) 0.0000

Spectral Q2. Units Hz.
p=1e-59 R2A=0.81 Overall Mean 2820.740
Wh 1549.112 (1250.919-1785.010) 0.0000
Ne 1711.289 (1410.392-1872.928) 0.0000
Ws 2079.762 (1757.132-2198.143) 0.0000
Te 2153.502 (1917.867-2340.103) 0.0000
Di 2313.299 (2285.800-2939.925) 0.2113
Th 2430.240 (2350.905-2948.037) 0.2591
Tu 2562.993 (2315.736-2889.441) 0.1352
So 3390.489 (2968.105-3541.811) 0.0032
LT 3517.379 (3299.648-3873.354) 0.0000
DC 3632.933 (3411.099-3824.804) 0.0000
Be 5687.144 (5339.376-5873.467) 0.0000

Spectral Q3. Units Hz.
p=1.9e-43 R2A=0.73 Overall Mean 3713.479
Wh 2168.635 (1753.746-2530.631) 0.0000
Ne 2479.162 (2078.996-2753.475) 0.0000
Te 2769.654 (2450.510-3066.857) 0.0000
Th 3089.008 (2958.437-3825.863) 0.1455
Tu 3338.249 (3162.225-3996.038) 0.5256
Di 3340.429 (3240.842-4190.130) 0.9933
Ws 3762.297 (3301.216-3944.718) 0.5794
DC 4167.138 (3828.588-4432.663) 0.0071
So 4244.787 (3672.238-4506.011) 0.0771
LT 4411.721 (3990.198-4827.640) 0.0013
Be 7077.184 (6693.666-7473.482) 0.0000

Mean Time. Units ms.
p=0.75 R2A=-0.02 Overall Mean 174.989
Di 174.618 (173.593-176.195) 0.8857
Wh 174.740 (173.340-175.464) 0.2772
Ne 174.858 (173.846-175.686) 0.6333
Be 174.971 (173.935-176.060) 0.9866
LT 175.007 (173.881-176.163) 0.9545
Ws 175.038 (173.162-174.917) 0.0341
DC 175.065 (174.246-175.892) 0.8474
Te 175.089 (174.250-175.930) 0.8116
Tu 175.095 (173.918-176.200) 0.9026

Th 175.146 (173.933-176.308) 0.8266
So 175.247 (174.452-176.734) 0.2970

Time Std (Duration). Units ms.
p=7.6e-35 R2A=0.62 Overall Mean 34.690
Th 13.641 (8.714-19.940) 0.0000
Tu 15.014 (9.875-20.660) 0.0000
Te 23.933 (20.015-27.953) 0.0000
Ne 28.063 (24.923-33.618) 0.0149
So 28.911 (28.675-39.460) 0.8201
Be 35.361 (31.450-41.490) 0.4850
Di 37.963 (33.648-45.944) 0.1030
LT 43.838 (39.500-50.285) 0.0003
DC 47.675 (43.599-51.376) 0.0000
Ws 51.830 (48.314-56.604) 0.0000
Wh 55.358 (50.771-60.811) 0.0000

Time Skewness. Unitless
p=0.057 R2A=0.04 Overall Mean 0.014
Ws -0.069 (-0.119-0.034) 0.1493
Tu -0.049 (-0.137-0.062) 0.3053
DC -0.032 (-0.109-0.034) 0.1597
Te -0.025 (-0.089-0.058) 0.4275
Th -0.015 (-0.177-0.031) 0.0996
Be -0.005 (-0.062-0.123) 0.7258
Wh 0.003 (-0.115-0.070) 0.4358
Di 0.028 (-0.234--0.007) 0.0208
Ne 0.049 (-0.071-0.090) 0.9146
So 0.099 (-0.012-0.187) 0.1441
LT 0.169 (0.023-0.222) 0.0333

Time Kurtosis. Unitless.
p=4.2e-24 R2A=0.54 Overall Mean 2.598
DC 2.131 (1.963-2.222) 0.0000
LT 2.219 (1.960-2.318) 0.0000
Te 2.242 (2.099-2.363) 0.0000
Wh 2.248 (2.056-2.387) 0.0000
Ws 2.369 (2.281-2.556) 0.0111
Tu 2.678 (2.440-2.794) 0.8306
So 2.887 (2.650-3.005) 0.0115
Th 2.902 (2.656-3.025) 0.0101
Be 2.944 (2.846-3.180) 0.0000
Ne 2.963 (2.681-2.970) 0.0021
Di 2.993 (2.688-3.091) 0.0048

Time Entropy. Unitless (0-1)
p=3.8e-42 R2A=0.69 Overall Mean 0.910

Th 0.859 (0.854-0.874) 0.0000
Tu 0.875 (0.870-0.889) 0.0000
So 0.892 (0.888-0.906) 0.0089
Be 0.893 (0.886-0.903) 0.0009
Ne 0.897 (0.893-0.909) 0.0271
Di 0.906 (0.897-0.918) 0.7195
Te 0.913 (0.906-0.920) 0.2890
LT 0.933 (0.925-0.944) 0.0000
DC 0.943 (0.937-0.951) 0.0000
Ws 0.945 (0.939-0.953) 0.0000
Wh 0.949 (0.942-0.960) 0.0000

Root Mean Square. Arbitrary Units of amplitude.
p=8.3e-35 R2A=0.62 Overall Mean 0.024
Wh 0.005 (-0.003-0.013) 0.0000
Ne 0.007 (-0.000-0.013) 0.0000
Te 0.013 (0.007-0.019) 0.0004
LT 0.018 (0.017-0.033) 0.8448
Tu 0.020 (0.011-0.027) 0.2292
Ws 0.020 (0.011-0.023) 0.0349
Di 0.022 (0.016-0.035) 0.7645
Th 0.022 (0.013-0.030) 0.5749
So 0.028 (0.021-0.038) 0.1740
Be 0.033 (0.021-0.036) 0.2164
DC 0.075 (0.066-0.078) 0.0000

Max Amplitude. Arbitrary units of amplitude.
p=2.6e-30 R2A=0.57 Overall Mean 0.031
Wh 0.007 (-0.003-0.017) 0.0000
Ne 0.009 (-0.000-0.017) 0.0000
Te 0.015 (0.006-0.022) 0.0001
LT 0.022 (0.019-0.041) 0.8279
Tu 0.024 (0.012-0.033) 0.1372
Th 0.028 (0.016-0.038) 0.5176
Ws 0.028 (0.016-0.032) 0.1069
Di 0.032 (0.023-0.048) 0.4260
So 0.040 (0.037-0.059) 0.0022
Be 0.044 (0.027-0.048) 0.1886
DC 0.091 (0.078-0.093) 0.0000