Table 2. Description of the features.

| **Feature Category** | **Feature** | **Description** |
| --- | --- | --- |
| Accounting Risk | lnMVE | Natural logarithm of market value of equity, in millions of dollars, at the end of the fiscal quarter. |
| BM | The ratio of book value of equity to market value of equity at the end of the fiscal quarter. |
| VOL | Stock return volatility, measured as the standard deviation of daily stock returns over the half-year period (trading days − 127 to, − 2 relative to the conference call date). Variable is winsorized at the 1% and 99% level to mitigate undue outlier effects. |
| RET | Current year market adjusted buy and hold stock return (i.e., firm’s return minus the return to a market index). Buy and hold return is calculated for the trading days spanning the four prior fiscal quarters. Variable is winsorized at the 1% and 99% level to mitigate undue outlier effects. |
| Acoustic | Meanf0 | Average fundamental frequency of the CEO, as measured via Praat with default system settings. |
| Stdevf0 | Standard deviation of the fundamental frequency of the CEO, as measured via Praat with default system settings. |
| Jitter | Small-scale perturbations of the fundamental frequency of the CEO, as measured via Praat with default system settings. |
| Shimmer | Variations of amplitude maxima in successive glottal cycles of the CEO, as measured via Praat with default system settings. |
| Meanhnr | Mean harmonics-to-noise ratio of the CEO, where the ratio quantifies the amount of additive noise in the voice signal, as measured via Praat with default system settings. |
| Stdevhnr | Standard deviation of the harmonics-to-noise ratio of the CEO, as measured via Praat with default system settings. |
| Pctvoiced | Proportion of voiced speech of the CEO, as measured via Praat with default system settings. |
| Linguistic | LZi | The proportion of words spoken by the CEO that are first person singular pronouns multiplied by the sample median length of the transcript as in [[15]](https://www.sciencedirect.com/science/article/pii/S0167923615000779#bb0075). |
| LZwe | The proportion of words spoken by the CEO that are first person plural pronouns multiplied by the sample median length of the transcript as in [[15]](https://www.sciencedirect.com/science/article/pii/S0167923615000779#bb0075). |
| LZipron | The proportion of words spoken by the CEO that are impersonal pronouns multiplied by the sample median length of the transcript as in [[15]](https://www.sciencedirect.com/science/article/pii/S0167923615000779#bb0075). |
| LZposemone | The proportion of words spoken by the CEO that express positive emotion such as love, nice, accept etc., multiplied by the sample median length of the transcript as in [[15]](https://www.sciencedirect.com/science/article/pii/S0167923615000779#bb0075). |
| LZnegate | The proportion of words spoken by the CEO that are negative such as no, not, never, etc., multiplied by the sample median length of the transcript as in [[15]](https://www.sciencedirect.com/science/article/pii/S0167923615000779#bb0075). |
| LZcertain | The proportion of certainty words spoken by the CEO such as always, never, etc., multiplied by the sample median length of the transcript as in [[15]](https://www.sciencedirect.com/science/article/pii/S0167923615000779#bb0075). |
| LZtentat | The proportion of tentative words spoken by the CEO such as maybe, perhaps, guess, etc., multiplied by the sample median length of the transcript as in [[15]](https://www.sciencedirect.com/science/article/pii/S0167923615000779#bb0075). |
| Baseline metrics | Fscore | Scaled probability of misstatement, using model developed in [[3]](https://www.sciencedirect.com/science/article/pii/S0167923615000779" \l "bb0015) as applied in [[9]](https://www.sciencedirect.com/science/article/pii/S0167923615000779" \l "bb0045). |
| AR | Accounting Risk variable based on the measure developed by Audit Integrity, LLC (part of GovernanceMetrics International Ratings). Values range from 0 to 100, with higher values indicating more high risk of misstatement. |
| COGDIS | Ex-Sense Pro R voice-based measure of cognitive dissonance, measured as the proportion of voice segments that register greater than 120 on the Cognition Level measure [[9]](https://www.sciencedirect.com/science/article/pii/S0167923615000779#bb0045). Higher values indicate more dissonance. Voice segments are approximately two-second vocal wave intervals. |