## Internet Appendix for "Bank Lines of Credit as a Source of Long-term Finance"

We augment empirical specifications of Table 3 in the manuscript by adding firm fixed effects. The results are similar to those in Table 3.

Table IA.I Determinants of Long-term Drawdown Amounts, Initiations, and Terminations (with Firm Fixed Effects)
This table replicates Table 3 in the manuscript using firm-fixed effects. $\triangle$ LTDRAW is the change in total long-term drawdowns from the prior year scaled by beginning-of-the-year total assets. STARTD equals one if the firm starts a long-term drawdown in the current year and has no long-term drawdown in the prior year, and zero otherwise. ENDD equals one if a firm has long-term drawdowns in the prior year and no long-term drawdown in the current year, and zero otherwise. All firm-specific explanatory variables are defined in Table 2 of the manuscript and measured at the beginning of the year. Intercept terms are included in all the regressions but are unreported. The $t$-statistics in parentheses are calculated from the Huber/White/Sandwich heteroskedastic-consistent errors, which are also corrected for correlation across observations for a given firm. Coefficients significant at the $10 \%, 5 \%$, and $1 \%$ levels are marked with *, **, and *** in superscripts, respectively.

|  | OLS | Linear Probability Model |  |
| :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 |
| Dependent Variables | $\Delta$ LTDRAW | STARTD | ENDD |
| INV | 0.018*** | 0.047* | -0.100** |
|  | (3.01) | (1.83) | (-2.19) |
| $\ln$ (ASSETS) | -0.006*** | 0.010 | 0.014 |
|  | (-2.91) | (0.85) | (0.51) |
| ROA | 0.039*** | 0.095** | -0.904*** |
|  | (3.55) | (2.00) | (-3.53) |
| PPE | 0.031** | -0.066 | -0.023 |
|  | (2.27) | (-0.86) | (-0.11) |
| LTDRAW | -0.578*** |  | -0.829*** |
|  | (-23.84) |  | (-4.94) |
| OD | -0.003 | 0.032 | -0.195 |
|  | (-0.29) | (0.62) | (-1.38) |
| MB | 0.001 | 0.003 | -0.012 |
|  | (1.36) | (0.62) | (-0.46) |
| CASH | -0.019 | -0.130** | -0.041 |
|  | (-1.56) | (-2.30) | (-0.12) |
| CURRENT_RATIO | 0.000 | -0.006 | 0.018 |
|  | (0.13) | (-1.20) | (0.75) |
| EXCESS_RETURN | -0.003** | -0.009 | 0.033 |
|  | (-2.00) | (-1.31) | (1.50) |
| STOCK_VOL | -0.312*** | -0.250 | 2.060 |
|  | (-3.87) | (-0.53) | (1.58) |
| INTERMEDIATE_RATING | 0.003 | 0.001 | 0.052 |
|  | (0.90) | (0.03) | (0.64) |


| LOW_RATING | -0.003 | 0.024 | 0.000 |
| :--- | :---: | :---: | :---: |
|  | $(-0.59)$ | $(0.71)$ | $(-0.00)$ |
| VERY_LOW_RATING | $-0.012^{*}$ | -0.017 | 0.079 |
|  | $(-1.94)$ | $(-0.47)$ | $(0.64)$ |
| NO_RATING | $0.016^{* * *}$ | 0.041 | -0.051 |
|  | $(2.74)$ | $(1.21)$ | $(-0.60)$ |
| GDP_GROWTH | $0.002^{* * *}$ | 0.001 | $-0.021^{* *}$ |
|  | $(3.72)$ | $(0.32)$ | $(-2.12)$ |
| CREDIT_SPREAD | $0.013^{* * *}$ | $0.033^{* * *}$ | $-0.076^{* *}$ |
|  | $(6.71)$ | $(2.72)$ | $(-2.26)$ |
| MARKET_RETURN | $-0.014^{* * *}$ | $-0.072^{* * *}$ | 0.060 |
|  | $(-3.32)$ | $(-2.94)$ | $(0.96)$ |
| Firm FE | Y | Y | Y |
| Observations | 9,808 | 7,019 | 2,789 |
| Adjusted R ${ }^{2}$ | 0.20 | 0.29 | 0.17 |

