Better Be Careful: The Replenishment of ABS backed by SME Loans [*]

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Abstract

We investigate the replenishment of 102 asset-backed securities (ABS) backed by more than 1.7 million small- and medium-sized enterprise loans. Based on our extensive data set from 2012 to 2017 obtained from the first and only loan-level central repository for ABS in Europe, we reveal that loans added to securitized loan portfolios after the transactions' closing perform worse than loans that are part of the initial portfolio. We additionally provide evidence that originators induce these performance differences since they exploit their information advantage by deliberately adding low-quality loans to securitized loan portfolios. This adverse behavior is mitigated by originators' reputation efforts, by increasing transparency in the ABS market, as for example per the European Central Bank's loan-level initiative, and most effectively by their interaction.

I Introduction

The rise and fall of securitization markets before and during the latest financial crisis have clearly shown the relevance of asymmetric information in securitization. These asymmetric information refer to the information advantage of originators over investors. Originators decide about their unobservable screening and monitoring efforts as well as about the loans selected for securitization and investors buy the corresponding asset-backed securities (ABS) (e.g., Gorton and Pennacchi, 1995; Holmstrom and Tirole, 1997; Petersen and Rajan, 2002; Vanasco, 2017). Since loan default risk is shifted to the ABS investors, originators have low incentives to build up and maintain high-quality securitized loan portfolios. In line, several studies confirm that the "originate to distribute" model, most prevalent in the U.S. mortgage market, led to low-quality securitized mortgage loan portfolios (e.g., Downing et al., 2009; Keys et al., 2010, 2012; An et al., 2011; Purnanandam, 2011). As a consequence, with the beginning of the financial crisis, investors lost their trust in ABS and ultimately securitization markets collapsed. This market collapse prevents the realization of benefits for financial stability and for lending to the real economy by selling illiquid loans as liquid assets on capital markets (e.g., Pennacchi, 1988; Brunnermeier, 2009; Loutskina and Strahan, 2009).

We reveal a novel and in the academic literature surprisingly not yet investigated channel – that is, portfolio replenishment – by which originators exploit their information advantage over investors.[1] Portfolio replenishment refers to originators' need to reinvest the released capital arising from the repayments of the borrowers and transfer further loans to the special-purpose entity (SPE) ex post – that is, chronologically after the transaction's closing[2] – due to a much longer time to maturity of ABS than that of the corresponding underlying loans.

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[1]Originators also possess information advantages over other actors in the securitization process, such as rating agencies and trustees. As agency conflicts and their consequences are most pronounced between originators and investors, our study focuses on this relationship.

[2]The closing of the transaction refers to the point when the originator sells the initial loan portfolio to the SPE, which subsequently issues ABS.

To limit originators' possibilities to exploit the prevailing asymmetric information in securitization, portfolio replenishment is contractually limited by requirements in ABS prospectuses. These prospectuses set loan eligibility criteria with respect to observable characteristics, such as the absence of defaults or delinquencies, which can be evaluated by investors. However, despite contractual limitations defined in the ABS prospectuses, portfolio replenishment provides originators with some leeway, which may result in adverse effects on portfolio quality and performance over time. At the time of the transactions' closing, investors build their investment decision mainly on the risk assessment of the initial securitized loan portfolio and the applicable rules for portfolio replenishment. Adding loans of lower quality to the portfolio ex post would adversely affect the ABS risk-return profile for investors, leaving them with no proper courses of action during the ABS term, which is on average 31 years in our sample. Notwithstanding investors' decisions to hold their ABS until maturity or sell them before maturity, they will likely suffer losses, because of either increasing default rates in the securitized loan portfolio or decreasing market prices of the ABS. This demonstrates the particular importance of understanding originators' portfolio replenishment behavior.

The purpose of this paper is to reveal whether originators select loans of lower quality for portfolio replenishment than for initial securitization. In the context of portfolio replenishment, small- and medium-sized enterprise (SME)[3] loans as underlying exposures of ABS are of particular interest since SMEs are usually not monitored by capital markets and known to be specifically affected by information asymmetries (e.g., Berger and Udell, 1995; Dietsch and Petey, 2002). In our empirical analysis, we rely on a comprehensive and at the same time granular data set, which is collected for the purpose of the ABS loan-level reporting initiative on behalf of the European Central Bank (ECB). Our sample covers the period from 2012 to 2017 and comprises 102 ABS backed by 1,715,641 SME loans from seven European countries. In a first step, we show that loans added to the ABS portfolio ex post perform worse than loans that are part of the portfolio at the time

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[3]Following the official definition by the European Commission, SMEs employ fewer than 250 persons and exhibit a maximum annual turnover of EUR 50 million or an annual balance sheet not exceeding EUR 43 million (European Commission, 2003). Additionally, 84% of European SMEs state that their most recently obtained loan amounted to less than EUR 1 million (European Commission, 2019).

of the transactions' closing. In a second step, we reveal that originators induce these performance differences since they exploit their information advantage by deliberately adding low-quality loans, which indeed perform poorly after securitization. This adverse originator behavior is mitigated by originators' reputation efforts, by increasing transparency in the ABS market, and most effectively by their interaction. Whereas reputation refers to originators' instrinsic motivation to build up and maintain high-quality ABS, increasing transparency enhances external market discipline as shown by originators' adoption of the requirements of the ECB's ABS loan-level reporting initiative.

Our study contributes to the various strands of the broad literature on asymmetric information and agency conflicts in securitization. First, our results reveal an unexplored channel for originators to exploit their information advantage over investors and thus expand the literature on originators' loan selection for securitization (e.g., Downing et al., 2009; An et al., 2011). Second, we add to the differing results on agency conflicts in securitizations backed by corporate loans (e.g., Benmelech et al., 2012; Bord and Santos, 2015).[4] Our study covers SME loan securitizations and indicates that the opacity of borrowers is a crucial determinant for agency conflicts in securitizations backed by corporate loans. Third, we enrich the relatively new field of empirical research on the valuable effects of increased transparency in securitization markets (Ertan et al., 2017; Neilson et al., 2020; Klein et al., 2020). Fourth, we contribute to the literature on the effects of a non-static composition of securitized loan portfolios over time for investors, which, up to now, is limited to loan trading in CLOs (e.g., Loumioti and Vasvari, 2019b; Peristiani and Santos, 2019; Fabozzi et al., 2020).

The remainder of this paper is organized as follows. Section II reviews the literature, provides details on the reasons for and limits of portfolio replenishment, and develops our hypotheses. In Section III, we present our data source and sample selection procedure. Section IV introduces our variables and provides summary statistics. In Section V, we discuss our results on the effect of portfolio replenishment on securitized loan performance.

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[4]We understand the term "corporate loan" as a loan for a business, independent of the loan volume and the borrower size.

In Section VI, we focus on banks' intention to select low-quality loans for portfolio replenishment as well as on potential mitigating factors. In Section VII, we perform several robustness tests. Section VIII concludes.

II Literature, contractual framework, and hypotheses

II.1 Literature on agency conflicts in securitization

Agency conflicts arise from asymmetric information between the more informed originator on the one hand and the less informed investors on the other hand. Initially, the originator grants loans and thereby learns important information about the borrower. Subsequently, the originator decides on which loans to securitize and finally the investors buy the corresponding ABS. Information asymmetries generally induce uncertainty for investors regarding the quality of the loans which are selected by the originator for securitization as well as regarding originators' screening and monitoring efforts (e.g., Akerlof, 1970; Diamond, 1984; Parlour and Plantin, 2008).[5] Based on these theoretical arguments and reinforced by the recent financial crisis, a large body of empirical research on agency conflicts in securitizations backed by mortgage loans emerged (e.g., Downing et al., 2009; Keys et al., 2010, 2012; An et al., 2011; Purnanandam, 2011).

In distinction to these studies, our paper relates to the literature on securitizations backed by corporate loans, which differ from those backed by mortgage loans. In the literature on agency conflicts in securitizations backed by corporate loans, mainly CLOs – that is, actively managed and regularly rebalanced securitizations backed by large as well as mostly syndicated and rated corporate loans – have been explored so far (e.g., Benmelech et al., 2012).[6] For instance, in the U.S. market, the average volume of a loan securitized in CLOs

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[5]In some cases, an external service agent, instead of the originator, executes loan monitoring.

[6]We follow all previous studies and apply this narrow definition of CLOs. According to the broad definition, which is often applied by practitioners, CLOs are securitizations backed by corporate loans

is USD 522 million (Benmelech et al., 2012). Such loans are expected to be screened thoroughly since multiple lenders fund them at origination, and even if the loan is securitized, originators usually retain a fraction of the loan on their balance sheet for the entire loan term, resulting in positive incentive effects by "skin in the game" (e.g., Benmelech and Dlugosz, 2009). In accordance with this line of argumentation, Benmelech et al. (2012) do not corroborate significant differences in loan performance between securitized and non-securitized loans originated by the same bank. Additionally, Kara et al. (2016) do not find any differences with respect to the pricing of securitized and non-securitized loans.

In contrast to these findings, studies concentrating on the boom period of CLOs from 2004 to 2008, when agency conflicts were especially prevalent, and also on CLOs with predominantly unrated underlying loans gain different results. Bord and Santos (2015) reveal laxer underwriting standards for loans meant to be securitized in CLOs than for those that are meant to be kept on the balance sheet. Building on that, they find that securitized loans perform worse than non-securitized ones. In accordance, Kara et al. (2019) provide evidence that after securitizing loans, originators' monitoring efforts decrease, and loan performance in CLOs deteriorates.

All the studies mentioned above examine the originators' decision of which loans to securitize and which to retain on their balance sheet. This decision has consequences for screening, even though screening takes place before the loan is granted, as well as monitoring efforts and ultimately loan performance in securitizations. Those issues accompanying the loan selection decision are common in all kinds of securitizations. In contrast, the studies presented below analyze the effects of loan trading on the quality and performance of CLOs. Loan trading – that is, actively buying and selling loans after the transactions' closing – is a unique characteristic of CLOs and includes both portfolio rebalancing to actively create an investment return as well as portfolio replenishment to reinvest released capital during the CLO term (e.g., Loumioti and Vasvari, 2019a; Fabozzi et al., 2020).

(e.g., True Sale International GmbH, 2020). This broad definition includes both the narrow definition of CLOs and ABS backed by SME loans.

Empirical findings concerning the effects of loan trading in CLOs on the quality and performance of securitized loan portfolios are ambiguous. On the one hand, studies argue that originators intend to enhance portfolio quality after the transactions' closing. For instance, Fabozzi et al. (2020) provide evidence that portfolio default rates decrease with an increase in portfolio rebalancing activities since more active managers sell loans earlier and before they get downgraded as opposed to less active ones. In accordance, Peristiani and Santos (2019) reveal that managers affiliated with the originator more frequently exclude distressed loans before default because these managers both have access to private information and are incentivized to protect the originators' franchise value. On the other hand, Loumioti and Vasvari (2019b) highlight the importance of contractual arrangements for loan trading as CLO managers' aim to pass tests, such as overcollateralization (OC) tests, may negatively impact investors.[7] They find that managers sell well-performing loans from their portfolio since those are priced above par and retain underperforming ones since those can only be sold below par. This indeed lowers the average loan performance in CLOs. In line, Loumioti and Vasvari (2019a) provide evidence that CLO managers with restrictive portfolio constraints are reluctant to sell loans of low quality to avoid realizing credit losses, which may lead to test violations.

Eventually, loan trading and portfolio replenishment as part thereof serve as controls in two studies. First, Franke et al. (2012) examine the impact of loan trading in both CLOs and collateralized bond obligations on the equity tranche size. They do not yield significant coefficients on a dummy variable, which is equal to one for portfolios that are actively rebalanced and zero otherwise. They argue that this is attributed to strict contractual requirements for loan trading. Second, Klein et al. (2020) control for the share of new loans added to already-securitized ABS portfolios on a quarter-to-quarter basis and reveal a significantly positive effect of this variable on ABS portfolio performance in the respective quarter. This result can most likely be attributed to the fact that replenishment rules[8]

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[7]Simply put, passing OC tests requires exceeding a specific minimum ratio, calculated as the sum of total principal balances of performing loans, cash received from trading activities, and the fair value of defaulted loans by the principal balance of CLO notes.

[8]We explain the replenishment rules applicable for the ABS portfolios in Section II.2.

prohibit originators from adding already-delinquent or defaulted loans ex post, resulting in a better performance of portfolios with a higher share of new loans in the short run. However, the long-term effect of portfolio replenishment in ABS backed by SME loans remains unexplored.

Potentially adverse long-term effects for investors of originators exploiting their information advantage can be limited by several means. For instance, studies suggest that both originators' reputational concerns and bank regulation help mitigate agency conflicts (e.g., Gorton and Pennacchi, 1995). Additionally, originators usually provide overcollateralization to reduce ABS default risk and keep "skin in the game" to signal high screening and monitoring efforts as well as high loan quality (e.g., DeMarzo and Duffie, 1999; Guo and Wu, 2014). In the follow-up of the latest financial crisis, central banks and supervisors, most prominently the ECB and the U.S. Securities and Exchange Commission, particularly recognized the negative effects of agency conflicts as well as investor mistrust toward securitizations arising from their opacity. Therefore, these authorities introduced loan-level reporting initiatives to improve the transparency of the underlying loan portfolios (European Central Bank, 2014; U.S. Securities and Exchange Commission, 2014). As shown by several studies, this increase in transparency indeed mitigates agency conflicts since it facilitates investors' risk assessment and induces originators to improve loan and portfolio performance as well as diversification in their securitized loan portfolios (Ertan et al., 2017; Neilson et al., 2020; Klein et al., 2020).

II.2 Contractual framework

To better understand portfolio replenishment in ABS backed by SME loans, we provide details on the reasons for and contractual limits of portfolio replenishment below.[9] We obtain this information from manually screening the prospectuses, presale reports, and investor reports of the ABS in our data set. We collect the prospectuses from the European

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[9]Details on the contractual limits of loan trading in CLOs are, for example, provided by Bord and Santos (2015), Loumioti and Vasvari (2019b), and Fabozzi et al. (2020).

DataWarehouse (ED),[10] the presale reports from originators' websites, and the investor reports from Bloomberg. The quotations presented below reflect commonly used wording that can be found in various documents.[11]

Portfolio replenishment can mainly be explained by the fact that the time to maturity of ABS is usually much longer than that of the underlying SME loans. Thus, during the term of the ABS, "the amount of repaid principal is typically reinvested in loans, until the end of the replenishing period, when the bonds are repaid as the portfolio amortises" (European DataWarehouse, 2019). In addition to maturing loans during the ABS term, the repaid principal can also be attributed to underlying loans, which, for example, are prepaid or canceled (European Central Bank, 2020). Importantly, portfolio replenishment does not contradict the legal concept of a true-sale securitization. ABS prospectuses state that the "sale of the SME receivables and the collateral will be a true sale to the effect that, upon an insolvency or bankruptcy of the seller, the SME receivables will not form part of the insolvent estate or be subject to claims by the seller's liquidator or creditors." As long as originators comply with the given legal and contractual requirements, the concept of a true-sale securitization states that investors do not have any financial claims against the originator or any termination rights after they have made their investment decision, even if the portfolio composition changes as a result of portfolio replenishment.

The receivables chosen for portfolio replenishment must meet specific requirements concerning the borrowers' creditworthiness and portfolio diversification. For instance, ABS prospectuses determine that "no receivable is a defaulted receivable," "no receivable is a delinquent receivable and no receivable has been a delinquent receivable at any time during the six months period immediately preceding the relevant cut-off date." Furthermore, the originator must ensure that the "purchase of the receivable does not result in a violation of any concentration limit." In addition to the requirements regarding the borrowers' creditworthiness and portfolio diversification, ABS prospectuses generally oblige originators to regularly disclose aggregated information on portfolio composition and performance,

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[10]We provide more details on ED and its role in the European securitization market in Section III.

[11]For reasons of confidentiality, we do not reveal the originator or ISIN of the ABS.

which enables frequent monitoring by investors. Although both the loan eligibility criteria and the possibility of regular monitoring limit discretionary leeway for originators in portfolio replenishment, some remaining leeway may still be exploited. For instance, originators can use their information advantage to add loans after the transactions' closing with particularly high probabilities of default, which do not exhibit any delinquencies at the point of securitization.

Usually, two parties, an originator and an external management company, are involved in portfolio replenishment in ABS. In most cases, the originator is a bank, which firstly grants loans and subsequently sells them to the SPE, which issues the ABS. The management company is typically a fund management company, which is specialized on the management of securitization transactions and which is set up to "incorporate, administrate and legally represent the SPE." In the course of this activity, the management company establishes "systems or procedures for analyzing the historic returns on the assets acquired from the originator and that allow it to analyze and control the composition and yield of ... assets." Therefore, the management company is, among others, responsible for approving loans selected by the originator to add to the ABS portfolio. If no external management company is involved in the ABS transaction, the originator itself takes over all administrative and management tasks.[12]

II.3   Hypotheses

Portfolio replenishment can induce material changes in the composition of securitized loan portfolios and thus has the potential to affect overall portfolio quality and performance, making it an especially important issue for investors. As described in Section II.2, the contractual framework for portfolio replenishment sets some limits but still provides orig-

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[12]As an additional analysis, we collect information on the involvement of a management company from manually screening ABS prospectuses, and building on that, we split our sample between ABS transactions with and those without a management company. However, as shown in Tables A.1 and A.2 in the online appendix, management companies do not represent an effective mitigating factor for adverse effects by portfolio replenishment and are incapable of protecting investors from declining portfolio quality.

inators with remaining leeway. Originators can particularly exploit this leeway since they have an information advantage regarding loan quality and since their behavior is, at least partly, not observable for investors. The effects of portfolio replenishment on portfolio quality and performance have so far only been studied as part of loan trading in CLOs, which is, as discussed in Section II.1, a distinct characteristic of CLOs as opposed to ABS. Building on the opacity of SMEs, ABS backed by SME loans are expected to be more prone to agency conflicts than CLOs.

Against this background, we hypothesize that the opacity of SMEs puts the originators in the position to exploit their information advantage in portfolio replenishment. In particular, first, we expect that loans added to ABS portfolios ex post perform worse than loans that are already part of the initial ABS portfolio. Second, we suppose that originators induce these performance differences by selecting loans of lower quality for portfolio replenishment than for initial securitization. Third, we expect that originators select high-quality, instead of low-quality, loans for portfolio replenishment if they aim at building up or maintaing reputation in the ABS market or if external monitoring is strengthened given an increase in transparency.

III   Data source and sample selection

We obtain our data from ED, the first and so far only central repository for ABS loan-level information in Europe. Established in 2012 in the wake of the ECB's ABS loan-level initiative, ED collects, validates, and distributes standardized loan, tranche, and portfolio information on more than 1,400 ABS transactions comprising about 75 million loans and referring to eight different asset classes (European DataWarehouse, 2020). Since data from ED contains highly granular information on the ABS portfolios throughout their term, we can track every single loan in the respective ABS portfolio over time. At the loan level, the reporting requirements for ABS backed by SME loans comprise 48 mandatory and 65 optional variables grouped into six categories: identifiers, obligor information, loan

characteristics, interest rate details, financials, and performance measures. In our analysis, we only employ mandatory variables because on average, 98% of the mandatory fields but only 32% of the optional fields are reported.

Our sample includes ABS backed by SME loans and covers the period from 2012 to 2017. We explain our sample selection procedure below and additionally summarize it in Table A.3 in the online appendix. Initially, we start with 32,026,829 loan observations. First, we drop missing and implausible observations but only with regard to variables used in our analysis. For instance, we exclude observations for which the days in arrears exceed the loan period or where the loan maturity date is before the loan origination date. Second, following Ertan et al. (2017), we exclude ambiguous originators.[13] Third, we consider that originators are obliged to report to ED at least quarterly but may voluntarily report on a monthly basis. To ensure that loans from monthly-reporting originators are not overweighed in our analysis, we focus, in the case of voluntary monthly reporting, on the last observation in a quarter and ignore previous observations in the same quarter. The last observation is employed because the majority of quarterly-reporting banks report shortly before the end of a quarter.

Eventually, our sample includes 9,186,612 loan-quarter observations encompassing 1,715,641 SME loans to 1,013,220 borrowers, which are securitized in 102 ABS portfolios from Belgium, France, Germany, Italy, the Netherlands, Portugal, and Spain. These countries represent almost all Eurozone countries active in SME loan securitizations (Association for Financial Markets in Europe, 2014). In Table A.4 in the online appendix, we illustrate our sample distribution by year and country.

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[13]By excluding ambiguous originator names, we only retain originators that can be identified uniquely to ensure the validity of our sample.

IV   Variable construction and summary statistics

We define all variables below and in Table 1. The summary statistics for all variables are reported in Table 2. Table A.5 in the online appendix shows the variables' pairwise correlations.[14] Following Ertan et al. (2017), we winsorize the values of all continuous variables at the 1% and 99% levels.

[Tables 1 and 2 about here.]

Identification strategy for *Incoming Loans*:

When analyzing whether originators select loans of lower quality for portfolio replenishment than for initial securitization, our variable of main interest is *Incoming Loan*. We define *Incoming Loan* as a loan that is not yet included in the ABS portfolio when the ABS transaction is closed. If the ABS transaction cannot be observed since its closing, we use the first reporting to ED instead.[15] Therefore, we determine *Incoming Loan* as an indicator variable by identifying the first reporting quarters of each ABS portfolio and each loan. If the first loan reporting quarter is chronologically after the corresponding first ABS reporting quarter, this loan is categorized as an *Incoming Loan*. About 46% of the observations in our sample refer to *Incoming Loans*. This seems high at first sight but reasonable when comparing the average ABS term, around 31 years, to the average loan term, around 8 years, in our sample.

To get an impression of the extent of portfolio replenishment in ABS portfolios, we illustrate the total portfolio volume, the volume of *Incoming Loans*, the volume of the installments, and the volume of *Outgoing Loans* for two exemplary ABS portfolios from our sample in Figure 1. *Outgoing Loans* are loans that are no longer included in the portfolio from one quarter to another. The reasons for this can be that loans mature, default,

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[14]We also test for multicollinearity using variance inflation factors (VIFs). In our sample, all VIFs are smaller than 1.83, which indicates that multicollinearity is not an issue in our empirical setting.

[15]We do not observe each ABS transaction since its closing because the ABS loan-level reporting requirement applies to existing as well as newly issued ABS. In subsample analyses, we restrict our sample to ABS transactions for which the closing is within our sample period and our findings do not change (see Sections V and VI).

are prepaid, canceled, or repurchased before the maturity of the respective ABS (European Central Bank, 2020). Figure 1 reveals that the volume of *Incoming Loans* is sufficiently high and thus can have a major impact on ABS portfolio composition. Furthermore, the volume of *Incoming Loans* is substantially higher than that of *Outgoing Loans* as we cannot observe active loan trading, particularly loan selling, which is a distinct characteristic of CLOs only (see Section II). Instead, many *Outgoing Loans* refer to maturing loans that naturally exhibit lower loan balances as opposed to recently granted loans. In addition to maturing loans, the volume of *Incoming Loans* has to compensate for the installments of the loans included in the portfolio, which steadily reduce the total portfolio volume.

[Figure 1 about here.]

Ex ante loan quality and ex post loan performance measures:
We employ three different ex ante loan quality and five different ex post loan performance measures. Whereas the ex ante loan quality measures serve as a proxy for the loan risk assessment by the bank at the time of loan securitization, the ex post loan performance measures comprise realized loan risk after securitization.

To measure ex ante loan quality, we employ the *PD* (1) and *LGD* (2) as well as the product of both variables *PD x LGD* (3). *PD* represents the loan probability of default. In our PD estimation procedure, we apply a logit model with our loan default indicator explained below as the endogenous variable, control for several loan and borrower characteristics, and apply various fixed effects (FE). We present the results of our PD estimation in Table A.6 in the online appendix. The mean *PD* is 3% in our sample. *LGD* refers to banks' internal loss given default estimate. On average, we observe an *LGD* of 28%. Additionally, although we acknowledge the well-researched dependence of PD and LGD (e.g., Bade et al., 2011; Krüger et al., 2018), we follow the requirements by the Basel Committee on Banking Supervision (BCBS) for calculating the expected loss (EL) in the internal ratings-based approach stating that "banks must calculate an EL as PD x LGD for corporate, sovereign, bank, and retail exposures ... not in default" (Basel Committee

on Banking Supervision, 2019).[16] Thus, we compute *PD x LGD* as an additional risk
measure to consider the joint determination of credit risk.

The ex post loan performance measures include the following variables: *Default* (1), *Default Amount* (2), *Delinquency* (3), *Delinquent Amount* (4), and *Number of Days in Delinquency* (5).[17] *Default* is defined as an indicator variable equal to one if the borrower has
ever defaulted on the loan and zero otherwise.[18] In our sample, the mean of *Default* is 3%.
Our second ex post loan performance measure, *Default Amount*, refers to the maximum
loan default amount during the loan term, which we logarithmize. The average *Default
Amount* is 0.20, which corresponds to EUR 2,786.[19] *Delinquency* represents an indicator
variable and equals one if the borrower has ever been in arrears, with respect to either
principal or interest payments, and zero otherwise. *Delinquency* is 11% on average. *Delinquent Amount* refers to the maximum loan delinquent amount during the loan term, which
is calculated as the logarithmized sum of the principal and interest arrears. In our sample,
Delinquent Amount is 0.80 on average, corresponding to EUR 1,278. *Number of Days
in Delinquency* is the natural logarithm of the maximum number of days for which the
borrower delays principal or interest payments during the loan term. The mean *Number
of Days in Delinquency* is 0.29, representing around 2.85 days.

Controls:

To incorporate observable differences among our observations, we control for numerous
loan and borrower characteristics, basically following the variable definitions by Ertan
et al. (2017) and Klein et al. (2020).

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[16]According to the BCBS definition, the additional multiplication of the EL with the exposure at default
results in the EL amount (Basel Committee on Banking Supervision, 2019).

[17]Following the variable definitions by Ertan et al. (2017), we logarithmize the default amount, the
delinquent amount, and the number of days in delinquency.

[18]Most likely, Ertan et al. (2017) follow the same approach and assign each loan observation a default
indicator equal to one if the borrower has ever defaulted on the loan and zero otherwise. We can deduce
this from the fact that their mean default indicator variable is still greater than ours, although they apply
the same data basis as we do. Moreover, this approach is consistent with our categorization of loans as
either incoming or non-incoming for the entire loan term. We proceed with the same approach for our
remaining loan performance measures and accordingly use the maximum amounts during the loan term.

[19]The absolute euro amount is calculated as the average of the non-logarithmized variable. We calculate
the absolute euro amounts for *Delinquent Amount* and *Number of Days in Delinquency* in the same way.

First, *Interest Rate* refers to the loan interest rate at the respective reporting quarter and serves as a proxy for loan riskiness. In our sample, the mean *Interest Rate* is 3.54%. Additionally, we control for loan riskiness by using an indicator variable equal to one if a loan is collateralized and zero otherwise (*Collateralization*). In our sample, 73% of the observations are collateralized loan observations. Furthermore, we calculate *Years since Loan Origination* as the natural logarithm of the period, expressed in years, between the loan origination and the respective reporting date. Similarly, *Loan Years to Maturity* refers to the natural logarithm of the remaining years to maturity at the respective reporting date. On average, we observe that *Years since Loan Origination* is 1.36, reflecting around 3.72 years, and that *Loan Years to Maturity* amounts to 1.29, around 3.84 years.[20]

Moreover, we specify *Current Balance* as the natural logarithm of the loan balance at the respective reporting quarter.[21] On average, *Current Balance* is 9.99, representing EUR 97,545. In addition, *Securitized Loan Ratio* refers to the ratio of the outstanding loan balance at the point in time of securitization to the original loan amount. This variable serves as a proxy for the (inverse) time loan credit risk remains on the originators' balance sheet. This is of particular relevance as banks' screening incentives are expected to be weaker for loans that are securitized shortly after their origination (e.g., Gorton and Pennacchi, 1995).[22] In our sample, the mean value of *Securitized Loan Ratio* amounts to 0.73, suggesting that the average loan observation in our sample corresponds to a loan that was securitized 8 quarters after its origination. We also control for *Pool Time* by computing the number of quarters when we observe loans in an ABS portfolio during our sample period to consider the time span of possible default events. The mean *Pool Time* is around 10 quarters.

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[20] Even if a high correlation between *Years since Loan Origination* and *Loan Years to Maturity* could be expected, this is not the case since the correlation is only 0.15 (see Table A.5 in the online appendix).

[21] In case of loan default or delinquency, we observe that the originators in our sample reduce the current loan balance by the default or delinquent amount. We do not drop these observations but rather reverse this adjustment by adding the default or delinquent amount to the current loan balance.

[22] We use this proxy since we do not observe the exact time until securitization for non-incoming loans that are part of ABS portfolios for which the first reporting quarter to ED does not correspond to the transactions' closing quarter.

We further employ *Lending Relationship* as a control variable since empirical evidence suggests a beneficial effect of an existing relationship between the borrower and the bank on banks' loan risk assessment by reducing information asymmetries (e.g., Kysucky and Norden, 2016). *Lending Relationship* is defined as an indicator variable equal to one if a borrower borrows at least twice from the same bank and zero otherwise. In our sample, 63% of the observations refer to loans from borrowers that exhibit lending relationships with their banks. Furthermore, we control for *Loan Uniqueness* by estimating the natural logarithm of the number of loans that were originated in the same year and that can be assigned to the same one-digit NACE industry code as well as to the same two-digit postcode area. Observing a low number of comparable loans may result in difficulties in loan risk assessment for both originators and investors. On average, *Loan Uniqueness* is 6.44, which corresponds to 1,484 comparable loans reported in our sample.

V Performance effects of portfolio replenishment

In our first empirical analysis, we analyze whether loans that originators select for portfolio replenishment perform worse than loans that originators select for the initial loan portfolio. Building on that, we turn to the portfolio perspective and reveal whether portfolio replenishment leads to a decline in average loan performance in the ABS portfolio.

V.1 Loan performance

Empirical strategy:

We first evaluate whether *Incoming Loans* perform worse than loans that are already part of the portfolio at transactions' closing. Thus, the endogenous variables in our regressions are our five ex post loan performance measures. As the exogenous variable of main interest, we use our indicator variable *Incoming Loan*. We expect that *Incoming Loans* perform worse than non-incoming ones, as derived in Section II.3. Given that higher values of our

loan performance measures refer to worse loan performance, we anticipate the coefficient on *Incoming Loan* (β) to be significantly positive. We estimate the following ordinary least squares (OLS) regression model:[23]

$$
\begin{aligned}
Loan\ Performance_{itp} = {} & \alpha + \beta \cdot Incoming\ Loan_{it} + \gamma' \cdot Controls_{it} \\
& + \zeta' \cdot Reporting\ Quarter_t \text{ x } ABS\ Portfolio_i \\
& + \nu' \cdot Loan\ Origination\ Year_i + \rho' \cdot Industry_i \\
& + \tau' \cdot Loan\ Type_i + \upsilon' \cdot Borrower\ Type_i + \epsilon_{itp},
\end{aligned} \tag{V.1}
$$

where i indexes loans, t indexes reporting quarters, p indexes one specific loan performance measure, and ϵ_{itp} is the error term. *Controls* include *Interest Rate*, *Collateralization*, *Years since Loan Origination*, *Loan Years to Maturity*, *Current Balance*, *Securitized Loan Ratio*, *Pool Time*, *Lending Relationship*, and *Loan Uniqueness*.

In addition, we incorporate the interaction between the reporting quarter and the ABS portfolio as FE as well as loan origination year FE, industry FE, loan type FE, and borrower type FE to control for unobserved dynamics over time as well as unobserved variations at the loan, borrower, and portfolio levels.[24] Especially, the interaction between the reporting quarter and the ABS portfolio applied as FE comprehensively absorbs bank behavior and ABS portfolio characteristics, both differing in the cross section and varying over time. As a result, we capture the average loan performance within a specific ABS portfolio in a given quarter, and thus we estimate the performance of *Incoming Loans* relative to the performance of non-incoming loans, isolating the effect of the *Incoming Loan* variable. Furthermore, we use robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio to account for correlations between the large number of underlying loans within a specific ABS portfolio in a given quarter.

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[23]For the purposes of simplicity and brevity, we waive the indexes of the coefficients in the regression equations.

[24]In Table A.7 in the online appendix, we add our five different FE step by step and still yield the same results as in our baseline regression model. Thus, our results do not depend on single FE.

As estimation procedure, we use an OLS estimator for all our five ex post loan performance measures. By also applying an OLS estimator instead of a binary choice model for the indicator variables *Default* and *Delinquency*, we follow Streitz (2015) and Friedmann et al. (2019). The reason for this approach is that the maximum likelihood estimator in nonlinear models in the presence of FE is generally inconsistent when the length of the panel is small and N is large, often referred to as the "incidental parameter problem" (e.g., Heckman, 1981; Lancaster, 2000; Greene, 2004).[25]

Baseline regression results:

Table 3 presents our baseline regression results and shows that *Incoming Loans* perform significantly worse than non-incoming ones. For instance, specifications (1) and (3) reveal that *Incoming Loans* demonstrate, on average, a 0.48 percentage points (pp) higher probability of being a defaulted loan and a 1.09 pp higher probability of being a delinquent loan compared to loans that are already part of the ABS portfolio at transactions' closing. This represents about 16% of our sample's mean *Default* and 10% of our sample's mean *Delinquency*. Consistent with specifications (1) and (3), *Default Amount* (2), *Delinquent Amount* (4), and *Number of Days in Delinquency* (5) are also significantly higher for *Incoming Loans*. These results are in line with our first hypothesis.

[Table 3 about here.]

Subsample analysis:

A possible concern may be that our results are driven by the fact that we cannot observe all ABS portfolios already from the point in time of their closing. This is because ED was established only in 2012, but some ABS portfolios were closed previously. For those ABS, we use the first reporting quarter as a proxy (see Section IV). To show that our results do not depend on this approach, we create a subsample including only those ABS that we observe since their closing. Consequently, we maintain 4,276,207 observations, and the mean of *Incoming Loan* is 61%. We re-estimate our regressions based on this subsample

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[25]In robustness tests, we also employ logit regressions and gain qualitatively the same results as in the OLS regressions (see Table A.8 in the online appendix).

and report our results in Table 4. All five specifications validate our main results – that is, *Incoming Loans* perform significantly worse compared to non-incoming ones. While the statistical significances remain at the same levels, the economic effects rise as the values of all coefficients are higher than those in our baseline regressions.

[Table 4 about here.]

V.2 Portfolio effect

Empirical strategy:

Building on our results in Section V.1, analyzing whether portfolio replenishment also adversely affects average loan performance in ABS portfolios is of particular relevance from an investor perspective. Therefore, we compare *Incoming Loans* with *Outgoing Loans* based on a propensity score matching, originally proposed by Rosenbaum and Rubin (1983). The comparison between those two groups is motivated by the fact that the average loan performance in ABS portfolios declines if *Incoming Loans* perform significantly worse than *Outgoing Loans*. Importantly, this analysis does not automatically lead to the same results as in our baseline regressions since both *Incoming Loans* and *Outgoing Loans* may perform similarly but worse than the remaining ones. In this case, we would still yield significantly positive coefficients in our baseline regressions without observing a declining average loan performance in ABS portfolios.

To match *Incoming Loans* and *Outgoing Loans* as accurately as possible, we create another subsample. For each loan in our sample, we only retain the point(s) in time when the loan is added to the ABS portfolio and/or when it leaves the not yet maturing ABS portfolio. Consequently, we observe each loan either at one point or at two points in time in our subsample. In total, this subsample still includes 1,039,068 observations, of which 57% refer to *Incoming Loans*. To implement the propensity score matching, we estimate the

propensity scores based on the results of the following logit regression model reported in Table A.9 in the online appendix:[26]

$$
\begin{aligned}
Incoming\ Loan_{it} = {} & \alpha + \gamma' \cdot Controls_{it} + \zeta' \cdot Reporting\ Quarter_t \text{ x } ABS\ Portfolio_i \\
& + \nu' \cdot Loan\ Origination\ Year_i + \rho' \cdot Industry_i \\
& + \tau' \cdot Loan\ Type_i + \upsilon' \cdot Borrower\ Type_i + \epsilon_{it},
\end{aligned}
$$

(V.2)

where i indexes loans, t indexes reporting quarters, and ϵ_{it} is the error term. We again use robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio. Controls include the same variables as in Equation V.1. Based on the estimated propensity scores, we apply the most frequently used algorithm, the nearest-neighbor (N – N) matching, for matching *Incoming Loans* and *Outgoing Loans* (e.g., Stuart, 2010). This matching algorithm compares each *Incoming Loan* with the arithmetic average of n *Outgoing Loans*, having the closest propensity scores. We assume $n = 1, 5, 10, 20,$ and 50. In line with Section V.1, we expect that *Incoming Loans* perform worse than *Outgoing Loans*, resulting in the adverse effect of portfolio replenishment on average loan performance in ABS portfolios.

Results:

Table 5 presents the results of our portfolio effect analysis. Across all five matching procedures and with respect to all five ex post loan performance measures except for in one case, we find significantly positive coefficients. This reveals that *Incoming Loans* perform worse than *Outgoing Loans*. Thus, we provide evidence that originators decrease average loan performance in ABS portfolios by adding loans to the portfolio after the transactions' closing that perform worse than loans leaving the portfolio. This lowers the asset value of ABS portfolios and consequently the return on investment for investors.

[Table 5 about here.]

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[26]To provide robustness, we also estimate a probit regression and report our results in Table A.9 in the online appendix. If we use these probit estimation results for our propensity score matching, our findings still hold (see Table A.10 in the online appendix).

VI   Bank intention and mitigating factors

In our second empirical analysis, we reveal whether originators induce these performance differences since they exploit their information advantage by deliberately adding low-quality loans to securitized loan portfolios after the transactions' closing. Building upon this, we examine two potential mitigating factors for originators exploiting their information advantage in portfolio replenishment, originators' reputation concerns and an increase in transparency in the ABS market.

VI.1   Bank intention

Empirical strategy:

Building on the results on the effect of portfolio replenishment on loan performance, we explore whether banks deliberately add low-quality loans to ABS portfolios after the transactions' closing. By identifying a link between the originators' decision of which loans to add to ABS portfolios ex post and the subsequent performance of these selected loans, we aim at providing a possible channel through which our previous results on loan performance in Section V.1 are induced by originators.[27] Thus, in the following analysis, we focus on the loan quality measures – namely, the PD, the LGD, and the product of both variables, $PD\ x\ LGD$ – as our exogenous variables of main interest since those are already known by originators at the time of securitization. We reveal whether low-quality loans

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[27]This approach is roughly comparable to the analysis of Benmelech et al. (2012). They evaluate the determinants of loan securitization and loan performance subsequent to securitization. However, in contrast to our study, they focus on the comparison between securitized and non-securitized loans.

are more likely to be added to the ABS portfolio ex post as compared to high-quality ones based on the following OLS regression model:[28]

$$
\begin{aligned}
Incoming\ Loan_{it} = {} & \alpha + \beta \cdot Loan\ Quality_{itq} + \gamma' \cdot Controls_{it} \\
& + \zeta' \cdot Reporting\ Quarter_t \text{ x } ABS\ Portfolio_i \\
& + \nu' \cdot Loan\ Origination\ Year_i + \rho' \cdot Industry_i \\
& + \tau' \cdot Loan\ Type_i + \upsilon' \cdot Borrower\ Type_i + \epsilon_{itq},
\end{aligned}
\tag{VI.1}
$$

where i indexes loans, t indexes reporting quarters, q indexes one specific loan quality measure, and ϵ_{itq} is the error term. Our controls include the same variables as in Equation V.1. We again use an OLS estimator as explained in Section V.1 and robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio. As derived in Section II.3, we expect the coefficients on our ex ante loan quality measures to be significantly positive, revealing that banks deliberately add low-quality loans after the transactions' closing.

Baseline regression results:

We report our regression results in Table 6 in specifications (1) to (3). In line with our expectations, we yield significantly positive coefficients on *PD* and *PD x LGD*. This indicates that low-quality loans are more likely to be added to ABS portfolios after the transactions' closing than high-quality ones. Thus, originators seem to exploit their information advantage, which is possible due to the difficulty of assessing loan quality for investors at the point in time when originators add loans to ABS portfolios. The coefficient on *LGD* is positive but, unlike the variables *PD* and *PD x LGD*, not significant. Overall, our results predominantly agree with our second hypothesis.

[Table 6 about here.]

Interaction effects analysis:

To strengthen the evidence for originators inducing the performance differences described

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[28]In Table A.11 in the online appendix, we again add our five different FE step by step. Since our results from the baseline regression model do not qualitatively change, they do not depend on single FE.

in Section V.1 by deliberately adding low-quality loans, we connect our loan performance and loan quality analyses. Consequently, we explore whether loans exhibiting higher PDs at the time of securitization and poorer performance after being securitized are more likely to be added by the originator to the ABS portfolio after the transactions' closing. For this purpose, we interact the *PD* with our ex post loan performance measures in specifications (4) to (8) in Table 6. The significantly positive coefficients reveal that loans with high probabilities of default at securitization and poor performance after securitization are indeed more likely to be *Incoming Loans*. Thus, our results demonstrate that originators deliberately add low-quality loans, which indeed become non-performing after securitization.

Subsample analysis:

We again address the potential concern that our results may be driven by the fact that we cannot observe all ABS portfolios since the transactions' closing. Thus, we re-estimate our regressions using only those ABS portfolios, which we observe since their closing. Table 7 shows exclusively positive coefficients that are significant in cases of our loan quality measures, *PD* and *PD x LGD*, and our interaction effects of *PD* and the measures of ex post loan performance. These results reinforce our finding that low-quality loans, moreover those that perform worse than other loans in the ABS portfolio, are more likely to be selected as *Incoming Loans*.

[Table 7 about here.]

Sequential PD estimation:

So far, our PD estimation procedure uses all loan observations to estimate the PD, although some information is not yet available for the originator at the respective quarter. To provide further robustness on our baseline regression results, we vary our PD estimation. Thus, we apply a sequential estimation procedure and recalculate our PDs on a quarterly basis, only incorporating loan observations already available in the quarter, for which the PD is estimated. As reported in Table 8, we yield the same results as in our

baseline regression model. Overall, our results demonstrate that originators exploit their information advantage by replenishing ABS portfolios with low-quality loans.

[Table 8 about here.]

VI.2   Mitigating factors

Building on the analysis in Section VI.1, we examine two possible factors, originators' reputation concerns as well as an increase in transparency in the ABS market. Both may incentivize originators to maintain high-quality securitized loan portfolios, and, consequently, mitigate agency conflicts in securitization. Depending on their reputation in the ABS market, originators are able to put themselves in a position to issue new transactions at competitive conditions in the future. In case of transparency, originators disclose regularly comprehensive data on single loans and portfolio composition, potentially resulting in enhanced investors' risk assessments, stronger external monitoring, and market discipline.

Reputation analysis:
Originators regularly issuing ABS over time depend on their reputation in the securitization market to attract investors to buy their future ABS. Thus, reputation ensures originators' active role in the securitization market. In order to build up or maintain reputation, originators aim at making sure that investors receive their scheduled payments, which precludes or at least severely limits the exploitation of their information advantages (e.g., Gorton and Pennacchi, 1995). We define *Reputation* as an indicator variable, which is equal to one if the respective originator issues at least two securitization transactions in our sample and zero otherwise. On average, 65% of our observations refer to originators regularly issuing ABS and thus, having reputation concerns. To evaluate the impact of *Reputation*, we re-estimate our regression model, defined in Equation VI.1, and add the interaction terms between *Reputation* and *PD* as well as our ex post loan performance measures.[29]

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[29]The isolated effect of *Reputation* is captured by our reporting quarter x ABS portfolio FE.

The results in Table 9 reveal that the interactions between our loan quality measures, *PD* and *PD x LGD*, and *Reputation* significantly and negatively affect the probability of being an *Incoming Loan*. Thus, originators' incentives arising from building up or maintaining good reputation in the securitization market restrict them in deliberately adding low-quality loans after transactions' closing. Our analyses in Table 10, where we additionally interact the *PD* and *Reputation* with our ex post loan performance measures, predominantly confirm these findings. However, we do not observe statistical significance when applying the interactions between *PD*, *Reputation*, and those loan performance measures, which assess loan delinquencies. Moreover, in line with the results described in Section VI.1, in all specifications presented in Tables 9 and 10, except the one for LGD, the coefficients on the loan quality measures as well as the interactions between the *PD* and our ex post loan performance measures remain significantly positive. This indicates that originators having less concerns about their reputation deliberately add low-quality loans, which indeed become non-performing after securitization.

[Tables 9 and 10 about here.]

Transparency analysis:

As indicated in Section II.1, transparency may be another mitigating factor for agency conflicts in securitization. Thus, we examine the adoption of the ECB's ABS loan-level initiative inducing a substantial increase in transparency in the European ABS market, as described in Section III. To reveal whether transparency is an effective mitigating factor, we follow Ertan et al. (2017) and identify *Transparent Loans* in our sample. This represents an indicator variable equal to one for loans that are originated after the bank adopted the requirements of the ABS loan-level reporting initiative and zero otherwise. On average, 33% of our observations refer to *Transparent Loans*. We include *Transparent Loan* as a further control variable in the regression model, presented in Equation VI.1, and additionally incorporate its interaction with our loan quality measures as well as with the interactions between the *PD* and our ex post loan performance measures.

As reported in Tables 11 and 12, the interactions between our loan quality measures and *Transparent Loan* as well as the interactions among the *PD*, the ex post loan performance measures, and *Transparent Loan* show significantly negative coefficients. Moreover, we still yield significantly positive coefficients on all our loan quality measures as well as all interactions between the *PD* and our ex post loan performance measures. Since the coefficients on the interactions with *Transparent Loan* are higher in amount than the ones on our loan quality measures as well as on the interactions between the *PD* and our ex post loan performance measures, the overall effect is negative. For instance, according to specification (1) in Table 11, the overall effect is – 1.585. This means that under the novel transparency regime, originators seem to select high-quality instead of low-quality loans for portfolio replenishment, making transparency an effective mitigating factor for agency conflicts in securitization. This result is in line with our third hypothesis. Lastly, we find that across all specifications, *Transparent Loans* are significantly more likely to be added to ABS portfolios ex post. Although we incorporate origination year FE (see Equation VI.1), this result can be explained by the fact that *Transparent Loans* tend to be originated chronologically after non-transparent ones since originators adopted the novel loan-level reporting requirements during the observation period of our sample.

[Tables 11 and 12 about here.]

Interaction effects analysis:

As shown in the previous analyses, both reputation and transparency are potential stand-alone mitigating factors for agency conflicts in the securitization market. Building on that, the question arises whether originators having more pronounced reputation concerns may especially be forced to respond to stronger market discipline induced by increasing transparency. Therefore, we analyze the combined effects of reputation and transparency. We re-estimate the regression model, specified in Equation VI.1, and add the interaction term between *Reputation* and *Transparent Loan*, as well as its interaction with our loan quality measures and with the interactions between the *PD* and our ex post loan performance measures.

Tables 13 and 14 show significantly negative coefficients on the interaction terms between our loan quality measures, *Reputation*, *Transparent Loan*, and the ex post loan performance measures across all specifications. This result is again in line with our third hypothesis. In addition, it reveals that increasing transparency in the securitization market works particularly well for originators, which rely on building up or maintaining their reputation. Originators having reputation concerns change their portfolio replenishment behavior to a larger extent compared to originators, which issue ABS only once. Consequently, strong external market discipline coupled with intrinsic reputational incentives is most effective in preventing originators from exploiting their information advantage by deliberately adding low-quality loans to ABS portfolios after the transactions' closing and thus, decreasing agency conflicts in securitization.

[Tables 13 and 14 about here.]

VII   Robustness checks

Below, we provide a variety of robustness checks that all confirm our findings in the main analyses.

Excluding Belgian loan observations:

First, we consider that 51% of our observations refer to loans securitized by four Belgian banks. Thus, we exclude all Belgian loans and re-estimate our main analyses using only the 4,492,533 observations from the remaining countries to ensure that our results are not driven by the securitization behavior of few banks. Table A.12 in the online appendix illustrates the results of our first analysis, exploring whether *Incoming Loans* perform worse than other loans in ABS portfolios. In three out of five specifications and in line with our main analysis, we gain significantly positive coefficients on *Incoming Loan*. In Table A.13 in the online appendix, we present the results of our second analysis. The significantly

positive coefficients across all specifications except for *LGD* confirm our finding that low-quality loans, moreover, those performing poorly after securitization, are more likely to be added to ABS portfolios after the transactions' closing in comparison to other loans.

Drawing random samples:

Second, we take into account that our sample contains an unequal number of non-defaulted and defaulted loans as well as of non-delinquent and delinquent loans. For instance, only 3% of our observations refer to defaulted loans, and only 11% of our observations include delinquent loans (see Table 2). To ensure that our results are not driven by the fact that we underweight defaulted and delinquent loan observations, we re-estimate our baseline regression models based on one hundred randomly drawn and more balanced samples. For this purpose and comparable to the approach by Gardner and Mills (1989), we create each sample by using either all our defaulted or all our delinquent loans from our sample and randomly draw from the remaining loans twice the number of defaulted or delinquent loans, respectively. We present our findings in Table A.14 in the online appendix. The distributions of the coefficients and corresponding p-values strengthen the results in our main analyses.

Varying loan term measures:

Third, we consider that our results may be driven by the fact that *Incoming Loans* and non-incoming ones differ on average in both their *Years since Loan Origination* and *Loan Years to Maturity*. Even though we control for these variables, we also vary them in this robustness test. Thus, in our adjusted regression models, we use the two non-logarithmized variables as well as the two corresponding squared variables as controls. As presented in Tables A.15 and A.16 in the online appendix, we yield the same findings as in our main analyses.

Controlling for country-specific characteristics:

Fourth, to ensure that our results are not driven by country-specific leeway in the banking sector, which we may not sufficiently control for by applying the interaction between the reporting quarter and the ABS portfolio as FE, we incorporate *Private Monitoring*

as additional control variable. This variable is obtained from Barth et al. (2013) and measures whether private monitoring is possible in a specific country. For instance, *Private Monitoring* captures whether off-balance sheet items are disclosed to the public. Higher values indicate more private monitoring. As reported in Tables A.17 and A.18 in the online appendix, the coefficients on our exogenous variables of main interest are in line with our previous findings. As an alternative to controlling for *Private Monitoring*, we add country FE to our baseline regression models in order to capture country-specific effects very comprehensively and report the results in Tables A.19 and A.20 in the online appendix. We yield the same findings as in our baseline regression models.

Controlling for originator characteristics:

Fifth, another possible concern may be that our results are driven by differences in originator characteristics, which we do not sufficiently control for by applying the interaction between the reporting quarter and the ABS portfolio as FE. Therefore, in addition to our loan and borrower controls, we incorporate originator characteristics, which we obtain from Fitch Connect. These further controls comprise banks' non-performing loan ratio, equity ratio, size, loan growth rate, cost-income ratio, return on equity, liquidity, and loan ratio. We present our findings in Tables A.21 and A.22 in the online appendix and yield significantly positive coefficients across all specifications, except on the regression for the *LGD*, which corresponds to our two main analyses. Additionally, to incorporate originator characteristics more comprehensively, we add originator FE to our baseline regression models. As reported in Tables A.23 and A.24 in the online appendix, the coefficients on our exogenous variables of main interest are in line with our previous results.

VIII   Conclusions

In this paper, we empirically explore portfolio replenishment in securitization on a highly granular level. In particular, we analyze whether originators select loans of lower quality for portfolio replenishment than for initial securitization. To the best of our knowledge,

our paper is the first to study portfolio replenishment and examines ABS backed by SME loans, which need to be clearly distinguished from the other type of securitizations backed by corporate loans – that is, CLOs – and significantly differ in the extent of inherent agency conflicts. Therefore, our study provides initial evidence on portfolio replenishment apart from the CLO market and contributes to the broad literature on agency conflicts in securitization by highlighting a not yet researched possibility for originators to exploit existing leeway.

We obtain our extensive securitization data set from ED, the first and so far only central repository under the ECB's ABS loan-level reporting initiative. Applying several regression models and propensity score matchings, a large set of control variables, several FE, and a variety of robustness tests, our results indicate that loans added to ABS portfolios after the transactions' closing perform worse than those of the initial ABS portfolio. Moreover, we reveal that originators induce these performance differences since they exploit their information advantage by deliberately adding low-quality loans, which indeed perform poorly after securitization. Originators' reputation efforts, increasing transparency in the ABS market, as shown by the effect of originators' adoption of the requirements of the ECB's loan-level reporting initiative, and most effectively their interaction are powerful in mitigating this adverse behavior and thus, agency conflicts in securitization.

The implications of our study are threefold. First, from an academic perspective, our analysis of ABS backed by SME loans may also induce further research on portfolio replenishment focusing on ABS backed by other types of underlying assets in the future. Particularly, in the case of ABS backed by credit card loans, portfolio replenishment seems to be indispensable as those assets are typically short-term and exhibit highly flexible loan balances. Second, we provide evidence that the novel securitization framework in the European Union, which requires, as of 2019, loans transferred to simple, transparent, and standardized (STS) securitizations after the transactions' closing to meet the same eligibility criteria as the initial underlying exposures, may be important for revitalizing a trustworthy securitization market. Therefore, our results support this requirement because

we indicate the needs to strengthen investor protection, reduce originators' discretionary leeway in portfolio replenishment, and enforce regulatory oversight. Third, our finding that an increase in transparency in the ABS market is effective in mitigating the adverse effects of portfolio replenishment on investors underpins the more extensive disclosure requirements in the securitization market, which are also established in the novel securitization framework.

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IX   Appendix

Table 1: Definitions of our variables

Variable	Description	Data source
Replenishment measure		
Incoming Loan	Indicator variable equal to one for loans that are not yet included in the ABS portfolio at the time when the transaction is reported to ED for the first time, and zero otherwise.	ED (AS1, AS2), own calculation
Ex ante loan quality and ex post loan performance measures		
PD	Loan probability of default, estimated based on a logit regression reported in Table A.6 in the online appendix.	ED (AS1, AS3, AS4, AS7, AS15, AS16, AS18, AS26, AS42, AS50, AS51, AS54, AS55, AS56, AS65, AS80, AS121, AS124, AS125, CS3, CS6), own calculation
LGD	Bank internal loss given default estimate.	ED (AS37)
Default	Indicator variable equal to one if the borrower has ever defaulted on the loan, and zero otherwise.	ED (AS121, AS124, AS125), own calculation
Default Amount	Natural logarithm of the maximum loan default amount during the loan term.	ED (AS125), own calculation
Delinquency	Indicator variable equal to one if the borrower has ever been in arrears, either with respect to principal or interest payments, and zero otherwise.	ED (AS115, AS117), own calculation
Delinquent Amount	Natural logarithm of the maximum sum of principal and interest arrears during the loan term.	ED (AS115, AS117), own calculation
Number of Days in Delinquency	Natural logarithm of the maximum number of days for which the borrower delays principal or interest payments during the loan term.	ED (AS116, AS118), own calculation
Controls		

Table 1: Definitions of our variables (continued)

Variable	Description	Data source
Interest Rate	Loan interest rate (%).	ED (AS80)
Collateralization	Indicator variable equal to one if a loan is collateralized, and zero otherwise.	ED (AS26, CS3, CS6), own calculation
Years since Loan Origination	Natural logarithm of the time period, expressed in years, between the loan origination and the respective reporting date.	ED (AS1, AS50), own calculation
Loan Years to Maturity	Natural logarithm of the remaining years to maturity at the time of the respective reporting date.	ED (AS1, AS51), own calculation
Current Balance	Natural logarithm of the current loan balance at the respective reporting quarter.	ED (AS55), own calculation
Securitized Loan Ratio	Ratio of the outstanding loan balance at the time of securitization to the original loan amount.	ED (AS54, AS56), own calculation
Pool Time	Number of quarters a loan is included in the ABS portfolio.	ED (AS1, AS3), own calculation
Lending Relationship	Indicator variable equal to one if a borrower borrows at least twice from the same bank, and zero otherwise.	ED (AS3, AS4, AS7), own calculation
Loan Uniqueness	Natural logarithm of the number of loans that were originated in the same year, and that can be assigned to the same one-digit NACE industry code as well as to the same two-digit postcode area.	ED (AS15, AS16, AS42, AS50), own calculation

This table presents the definitions of the variables used in our analysis. The variables refer to the loan level. In the third column, the field numbers stated in brackets refer to the official SME reporting template by the ECB.

Table 2: Summary statistics

Variable	N	Mean	SD	p10	p50	p90
Replenishment measure						
Incoming Loan	9,186,612	0.46	0.50	0.00	0.00	1.00
Ex ante loan quality and and ex post loan performance measures						
PD	9,183,333	0.03	0.08	0.00	0.01	0.05
LGD	9,186,612	0.28	0.26	0.03	0.19	0.67
Default	9,186,612	0.03	0.16	0.00	0.00	0.00
Default Amount	9,186,612	0.20	1.44	0.00	0.00	0.00
Delinquency	9,186,612	0.11	0.31	0.00	0.00	1.00
Delinquent Amount	9,186,612	0.80	2.38	0.00	0.00	5.45
Number of Days in Del.	9,186,612	0.29	0.94	0.00	0.00	0.69
Controls						
Interest Rate (%)	9,186,612	3.54	1.68	1.50	3.35	5.77
Collateralization	9,186,612	0.73	0.44	0.00	1.00	1.00
Years since Loan Origination	9,186,612	1.36	0.63	0.51	1.35	2.23
Loan Years to Maturity	9,186,612	1.29	0.75	0.29	1.27	2.38
Current Balance	9,186,612	9.99	1.87	8.03	9.97	12.18
Securitized Loan Ratio	9,186,612	0.73	0.27	0.32	0.81	1.00
Pool Time	9,186,612	9.98	5.76	3.00	9.00	19.00
Lending Relationship	9,186,612	0.63	0.48	0.00	1.00	1.00
Loan Uniqueness	9,186,612	6.44	1.46	4.39	6.59	8.20

This table reports the descriptive statistics for the variables used in our analysis. Variables are described in Table 1. N refers to the number of observations. SD means standard deviation. p10, p50, and p90 represent the tenth, fiftieth, and the ninetieth percentile.
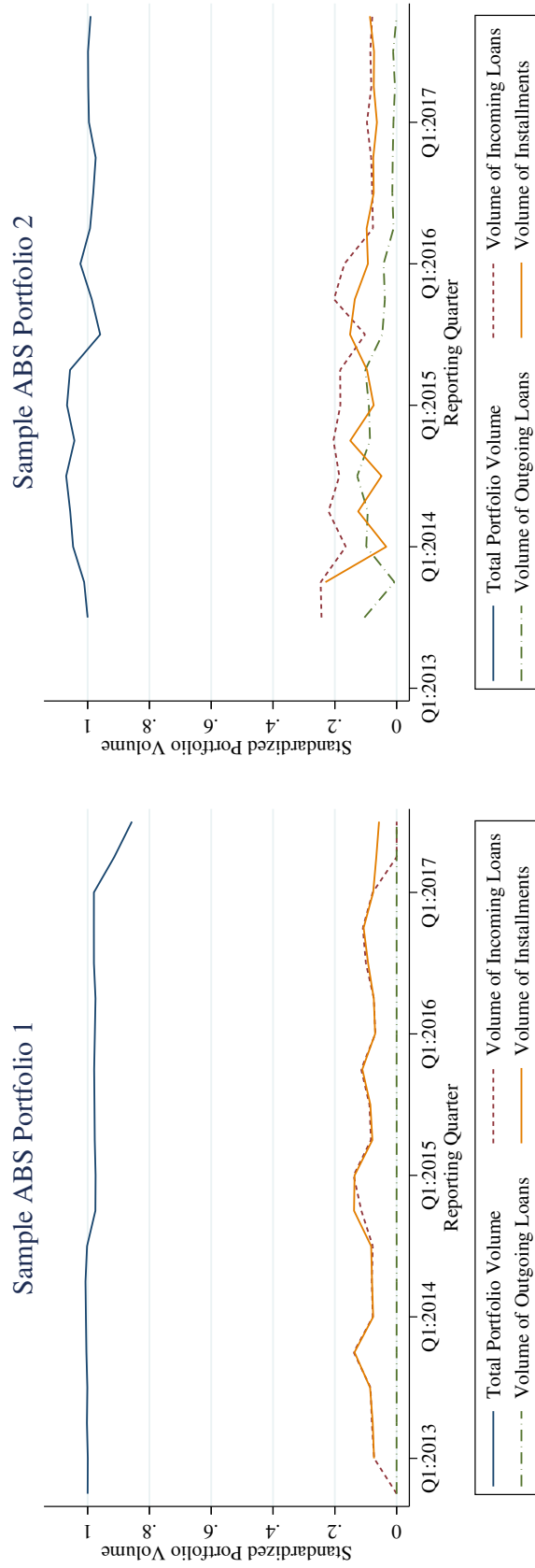
Figure 1: Development of standardized total portfolio volume, volume of *Incoming Loans*, volume of *Outgoing Loans*, and Volume of Installments for two exemplary ABS portfolios in our sample during our observation period

Table 3: Performance of *Incoming Loans* (Baseline regression)

	Default	Default Amount	Delinquency	Delinquent Amount	Number of Days in Del.
	(1)	(2)	(3)	(4)	(5)
Incoming Loan	0.00477***	0.0424***	0.0109***	0.0782***	0.0211**
	(0.0014)	(0.0136)	(0.0028)	(0.0230)	(0.0091)
Interest Rate	0.00742***	0.0698***	0.0250***	0.177***	0.0780***
	(0.0004)	(0.0040)	(0.0011)	(0.0079)	(0.0031)
Collateralization	0.00528***	0.0676***	0.0283***	0.225***	0.0863***
	(0.0012)	(0.0134)	(0.0032)	(0.0285)	(0.0087)
Years since Loan Origination	0.0136***	0.152***	0.00650	0.0791	0.0157
	(0.0029)	(0.0286)	(0.0075)	(0.0629)	(0.0215)
Loan Years to Maturity	-0.00941***	-0.0963***	0.00304	-0.0626***	0.00542
	(0.0011)	(0.0114)	(0.0019)	(0.0148)	(0.0064)
Current Balance	0.00616***	0.0786***	0.00841***	0.128***	0.0266***
	(0.0005)	(0.0058)	(0.0008)	(0.0091)	(0.0027)
Securitized Loan Ratio	0.0309***	0.320***	0.0384***	0.341***	0.154***
	(0.0039)	(0.0414)	(0.0067)	(0.0565)	(0.0218)
Pool Time	-0.00121***	-0.0140***	0.000132	-0.00226	-0.00405***
	(0.0002)	(0.0024)	(0.0004)	(0.0029)	(0.0011)
Lending Relationship	-0.00106	-0.00519	-0.0226***	-0.149***	-0.0673***
	(0.0009)	(0.0095)	(0.0016)	(0.0115)	(0.0060)
Loan Uniqueness	-0.000124	-0.00133	-0.00102*	-0.00837**	-0.00140
	(0.0002)	(0.0022)	(0.0005)	(0.0039)	(0.0017)
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes
N	9,186,606	9,186,606	9,186,606	9,186,606	9,186,606
Adj. R^2	0.28	0.07	0.17	0.18	0.11

This table reports the analysis on whether *Incoming Loans* exhibit lower loan performance than non-incoming loans. Variables are described in Table 1. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table 4: Performance of *Incoming Loans* (Subsample analysis)

	Default	Default Amount	Delinquency	Delinquent Amount	Number of Days in Del.
	(1)	(2)	(3)	(4)	(5)
Incoming Loan	0.00655***	0.0630***	0.0115***	0.0932***	0.0275**
	(0.0020)	(0.0197)	(0.0035)	(0.0287)	(0.0118)
Interest Rate	0.00812***	0.0773***	0.0278***	0.198***	0.0871***
	(0.0007)	(0.0066)	(0.0018)	(0.0126)	(0.0049)
Collateralization	0.00468***	0.0639***	0.0288***	0.226***	0.0861***
	(0.0015)	(0.0175)	(0.0044)	(0.0387)	(0.0111)
Years since Loan Origination	0.0137***	0.151***	-0.00288	0.00459	-0.0216
	(0.0049)	(0.0490)	(0.0093)	(0.0778)	(0.0265)
Loan Years to Maturity	-0.0151***	-0.155***	-0.00448*	-0.131***	-0.0243***
	(0.0014)	(0.0153)	(0.0024)	(0.0196)	(0.0079)
Current Balance	0.00816***	0.0964***	0.0109***	0.151***	0.0378***
	(0.0008)	(0.0093)	(0.0013)	(0.0134)	(0.0039)
Securitized Loan Ratio	0.0346***	0.362***	0.0372***	0.356***	0.142***
	(0.0070)	(0.0702)	(0.0103)	(0.0871)	(0.0319)
Pool Time	-0.00151***	-0.0164***	-0.000213	-0.00425	-0.00501***
	(0.0003)	(0.0035)	(0.0005)	(0.0045)	(0.0017)
Lending Relationship	0.000765	0.0110	-0.0211***	-0.141***	-0.0624***
	(0.0013)	(0.0140)	(0.0024)	(0.0172)	(0.0089)
Loan Uniqueness	-0.000106	-0.00164	0.000236	-0.000393	0.00193
	(0.0004)	(0.0040)	(0.0008)	(0.0055)	(0.0027)
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes
N	4,276,206	4,276,206	4,276,206	4,276,206	4,276,206
Adj. R^2	0.25	0.07	0.16	0.17	0.11

This table reports the analysis on whether *Incoming Loans* exhibit lower loan performance than non-incoming loans, only using observations from ABS portfolios, for which the transactions' closing is within our observation period. Variables are described in Table 1. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table 5: Performance of *Incoming Loans*: Portfolio effect

Estimator	Default (1)	Default Amount (2)	Delinquency (3)	Delinquent Amount (4)	Number of Days in Delinquency (5)
Nearest neighbor ($n = 1$)	0.0050*** (0.0012)	0.0583*** (0.0166)	0.0111** (0.0044)	0.0547 (0.0341)	0.0316** (0.0128)
Nearest neighbor ($n = 5$)	0.0049*** (0.0012)	0.0622*** (0.0123)	0.0119*** (0.0033)	0.0611** (0.0249)	0.0332*** (0.0094)
Nearest neighbor ($n = 10$)	0.0049*** (0.0012)	0.0622*** (0.0115)	0.0121*** (0.0031)	0.0645*** (0.0233)	0.0333*** (0.0089)
Nearest neighbor ($n = 20$)	0.0049*** (0.0013)	0.0609*** (0.0113)	0.0122*** (0.0030)	0.0655*** (0.0228)	0.0340*** (0.0087)
Nearest neighbor ($n = 50$)	0.0049*** (0.0014)	0.0614*** (0.0111)	0.0109*** (0.0030)	0.0547** (0.0227)	0.0325*** (0.0087)
N					1,039,068
Number of *Incoming Loans*					595,777
Number of *Outgoings Loans*					443,291

This table provides estimates of the mean differences of our loan performance measures between *Incoming Loans* and *Outgoing Loans*, based on a propensity score matching. Propensity scores are estimated based on a logit regression, reported in Table A.9 in the online appendix, where the endogenous variable is the dummy *Incoming Loan*. Based on these propensity scores, we apply the nearest-neighbor (N – N) matching for matching *Incoming Loans* and *Outgoing Loans* (e.g., Stuart, 2010). This matching algorithm compares each *Incoming Loan* with the arithmetic average of n *Outgoing Loans*, having the closest propensity scores. We assume $n = 1, 5, 10, 20,$ and 50 (with returning). For each loan in our sample, we only retain the point(s) in time when the loan is added to the ABS portfolio and/or when it leaves the not yet maturing ABS portfolio. *Outgoing Loans* are defined as loans that are no longer included in the portfolio from one quarter to another. Variables are defined in Table 1. N refers to the number of observations. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table 6: Bank intention analysis (Baseline regression & interaction effects analysis)

	Inc. Loan (1)	Inc. Loan (2)	Inc. Loan (3)	Inc. Loan (4)	Inc. Loan (5)	Inc. Loan (6)	Inc. Loan (7)	Inc. Loan (8)
PD	1.163*** (0.1116)							
LGD		0.000621 (0.0181)						
PD x LGD			1.525*** (0.1363)					
PD x Default				0.502*** (0.0694)				
PD x Default Amount					0.0437*** (0.0066)			
PD x Delinquency						0.109*** (0.0280)		
PD x Delinquent Amount							0.0152*** (0.0036)	
PD x Number of Days in Delinquency								0.0832*** (0.0137)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

This table reports the analysis on whether ex ante loan quality and the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing. Variables are described in Table 1 and coefficients on the control variables are reported in Table A.27 in the online appendix. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table 7: Bank intention analysis (Subsample analysis)

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PD	0.938*** (0.2164)							
LGD		0.0139 (0.0104)						
PD x LGD			1.631*** (0.2351)					
PD x Default				0.603*** (0.1217)				
PD x Default Amount					0.0582*** (0.0111)			
PD x Delinquency						0.0959** (0.0437)		
PD x Delinquent Amount							0.0153** (0.0061)	
PD x Number of Days in Delinquency								0.0809*** (0.0242)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	4,275,136	4,276,206	4,275,136	4,275,136	4,275,136	4,275,136	4,275,136	4,275,136
Adj. R^2	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67

This table reports the analysis on whether ex ante loan quality and the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, only using observations from ABS portfolios, for which the transactions' closing is within our observation period. Variables are described in Table 1 and coefficients on the control variables are reported in Table A.28 in the online appendix. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table 8: Bank intention analysis (Sequential PD estimation)

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Sequential PD	1.279*** (0.2428)							
LGD		0.000621 (0.0181)						
Seq. PD x LGD			3.261*** (0.3554)					
Seq. PD x Default				0.856*** (0.1370)				
Seq. PD x Default Amount					0.0941*** (0.0125)			
Seq. PD x Delinquency						0.388*** (0.0783)		
Seq. PD x Delinquent Amount							0.0491*** (0.0096)	
Seq. PD x Number of Days in Delinquency								0.145*** (0.0266)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,127,180	9,186,606	9,127,180	9,127,180	9,127,180	9,127,180	9,127,180	9,127,180
Adj. R^2	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

This table reports the analysis on whether ex ante loan quality and the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, based on a sequential PD estimation. Variables are described in Table 1 and coefficients on the control variables are reported in Table A.29 in the online appendix. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table 9: Mitigating factors analysis: Reputation analysis (Loan quality measures)

	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)
PD	1.400*** (0.1256)		
PD x Reputation	-0.609*** (0.2737)		
LGD		-0.0642 (0.0557)	
LGD x Reputation		0.0866 (0.0556)	
PD x LGD			1.664*** (0.1421)
PD x LGD x Reputation			-0.597*** (0.1960)
Loan & borrower controls	Yes	Yes	Yes
FE	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327
Adj. R^2	0.70	0.70	0.70

This table reports the analysis on whether ex ante loan quality affects the probability of being added to securitized loan portfolios after the transactions' closing, additionally controlling for *Reputation* and the interaction between the ex ante loan quality measure and *Reputation*. *Reputation* is an indicator variable equal to one if the respective originator issues more than one securitization transaction, and zero otherwise. The isolated effect of *Reputation* is included in the reporting quarter x ABS portfolio FE. Variables are described in Table 1 and coefficients on the control variables are reported in Table A.30 in the online appendix. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table 10: Mitigating factors analysis: Reputation analysis (Interaction effects analysis)

	Inc. Loan (1)	Inc. Loan (2)	Inc. Loan (3)	Inc. Loan (4)	Inc. Loan (5)
PD x Default	0.623*** (0.0980)				
PD x Default x Reputation	-0.374*** (0.1123)				
PD x Default Amount		0.0578*** (0.0103)			
PD x Default Amount x Reputation		-0.0365*** (0.0112)			
PD x Delinquency			0.0993*** (0.0296)		
PD x Delinquency x Reputation			0.0850 (0.0687)		
PD x Delinquent Amount				0.0142*** (0.0040)	
PD x Delinquent Amount x Reputation				0.00671 (0.0073)	
PD x Number of Days in Delinquency					0.0920*** (0.0188)
PD x Number of Days in Delinquency x Reputation					-0.0311 (0.0247)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes
FE	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.70	0.70	0.70	0.70	0.71

This table reports the analysis on whether the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, additionally controlling for *Reputation* and the interaction among the *PD*, the ex post loan performance measure, and *Reputation*. *Reputation* is an indicator variable equal to one if the respective originator issues more than one securitization transaction, and zero otherwise. The isolated effect of *Reputation* is included in the reporting quarter x ABS portfolio FE. Variables are described in Table 1 and coefficients on the control variables are reported in Table A.30 in the online appendix. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table 11: Mitigating factors analysis: Transparency analysis (Loan quality measures)

	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)
PD	1.237***		
	(0.1126)		
PD x Transparent Loan	-2.822***		
	(0.2737)		
LGD		0.0839***	
		(0.0238)	
LGD x Transparent Loan		-0.301***	
		(0.0458)	
PD x LGD			1.799***
			(0.1307)
PD x LGD x Transparent Loan			-3.515***
			(0.4154)
Transparent Loan	0.292***	0.334***	0.271***
	(0.0267)	(0.0302)	(0.0260)
Loan & borrower controls	Yes	Yes	Yes
FE	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327
Adj. R^2	0.72	0.71	0.71

This table reports the analysis on whether ex ante loan quality affects the probability of being added to securitized loan portfolios after the transactions' closing, additionally controlling for *Transparent Loan* and the interaction between the ex ante loan quality measure and *Transparent Loan*. *Transparent Loan* is an indicator variable equal to one for loans that are originated after the bank adopted the requirements of the ECB's ABS loan-level reporting initiative, and zero otherwise (Ertan et al., 2017). Variables are described in Table 1 and coefficients on the control variables are reported in Table A.31 in the online appendix. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table 12: Mitigating factors analysis: Transparency analysis (Interaction effects analysis)

	Inc. Loan (1)	Inc. Loan (2)	Inc. Loan (3)	Inc. Loan (4)	Inc. Loan (5)
PD x Default	0.566*** (0.0719)				
PD x Default x Transparent Loan	-1.059*** (0.1695)				
PD x Default Amount		0.0505*** (0.0068)			
PD x Default Amount x Transparent Loan		-0.102*** (0.0148)			
PD x Delinquency			0.140*** (0.0342)		
PD x Delinquency x Transparent Loan			-1.474*** (0.2318)		
PD x Delinquent Amount				0.0192*** (0.0043)	
PD x Delinquent Amount x Transparent Loan				-0.168*** (0.0240)	
PD x Number of Days in Delinquency					0.104*** (0.0151)
PD x Number of Days in Delinquency x Transparent Loan					-0.418*** (0.0530)
Transparent Loan	0.253*** (0.0260)	0.253*** (0.0260)	0.256*** (0.0261)	0.255*** (0.0261)	0.255*** (0.0260)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes
FE	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.72	0.71	0.71	0.71	0.71

This table reports the analysis on whether the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, additionally controlling for *Transparent Loan* and the interaction among the *PD*, the ex post loan performance measure, and *Transparent Loan*. *Transparent Loan* is an indicator variable equal to one for loans that are originated after the bank adopted the requirements of the ECB's ABS loan-level reporting initiative, and zero otherwise (Ertan et al., 2017). Variables are described in Table 1 and coefficients on the control variables are reported in Table A.31 in the online appendix. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table 13: Mitigating factors analysis: Combined reputation and transparency analysis (Loan quality measures)

	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)
PD	1.175***		
	(0.1080)		
PD x Reputation x	-3.461***		
Transparent Loan	(0.4620)		
LGD		0.0346	
		(0.0231)	
LGD x Reputation x		-0.120**	
Transparent Loan		(0.0466)	
PD x LGD			1.670***
			(0.1257)
PD x LGD x Reputation x			-9.477***
Transparent Loan			(1.0003)
Transparent Loan	0.289***	0.271***	0.279***
	(0.0272)	(0.0299)	(0.0264)
Loan & borrower controls	Yes	Yes	Yes
FE	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327
Adj. R^2	0.72	0.71	0.71

This table reports the analysis on whether ex ante loan quality affects the probability of being added to securitized loan portfolios after the transactions' closing, additionally controlling for the interaction between the ex ante loan quality measure, *Reputation*, and *Transparent Loan*. *Reputation* is an indicator variable equal to one if the respective originator issues more than one securitization transaction, and zero otherwise. *Transparent Loan* is an indicator variable equal to one for loans that are originated after the bank adopted the requirements of the ECB's ABS loan-level reporting initiative, and zero otherwise (Ertan et al., 2017). The isolated effect of *Reputation* is included in the reported fixed effects. Variables are described in Table 1 and coefficients on the control variables are reported in Table A.32 in the online appendix. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table 14: Mitigating factors analysis: Combined reputation and transparency analysis (Interaction effects analysis)

	Inc. Loan (1)	Inc. Loan (2)	Inc. Loan (3)	Inc. Loan (4)	Inc. Loan (5)
PD x Default	0.550*** (0.0699)				
PD x Default x Reputation x Transparent Loan	-1.405*** (0.3121)				
PD x Default Amount		0.0488*** (0.0066)			
PD x Default Amount x Reputation x Transparent Loan		-0.142*** (0.0280)			
PD x Delinquency			0.135*** (0.0327)		
PD x Delinquency x Reputation x Transparent Loan			-1.658*** (0.2875)		
PD x Delinquent Amount				0.0184*** (0.0041)	
PD x Delinquent Amount x Reputation x Transparent Loan				-0.216*** (0.0309)	
PD x Number of Days in Delinquency					0.0997*** (0.0143)
PD x Number of Days in Delinquency x Reputation x Transparent Loan					-0.496*** (0.0727)
Transparent Loan	0.252*** (0.0260)	0.252*** (0.0260)	0.256*** (0.0261)	0.255*** (0.0261)	0.254*** (0.0260)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes
FE	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.71	0.71	0.71	0.71	0.71

This table reports the analysis on whether the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, additionally controlling for the interaction between the ex ante loan quality measure, the ex post loan performance measures, *Reputation*, and *Transparent Loan*. *Reputation* is an indicator variable equal to one if the respective originator issues more than one securitization transaction, and zero otherwise. *Transparent Loan* is an indicator variable equal to one for loans that are originated after the bank adopted the requirements of the ECB's ABS loan-level reporting initiative, and zero otherwise (Ertan et al., 2017). The isolated effect of *Reputation* is included in the reported fixed effects. Variables are described in Table 1 and coefficients on the control variables are reported in Table A.32 in the online appendix. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

A   Online Appendix

Better Be Careful:

The Replenishment of ABS backed by SME Loans

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Guide to the online appendix:

This online appendix provides additional analyses for "Better Be Careful: The Replenishment of ABS backed by SME Loans". It is divided into the following four categories:

Additional mitigating factor analysis:

First, in Tables A.1 and A.2, we analyze whether the involvement of a management company may also be effective in mitigating agency conflicts in securitization by strengthening external monitoring.

Sample description:

Second, the online appendix describes our sample in more detail. Table A.3 presents our sample selection procedure, and Table A.4 presents our sample distribution for each year and country. In Table A.5, we show the variables' pairwise correlations.

PD and propensity scores estimation:

Third, in Table A.6, we report the logit model to estimate the PD for each single loan observation in our sample. Additionally, in Table A.9, we show the results of our logit and probit models to estimate propensity scores used in our portfolio effect analysis.

Robustness checks:

Fourth, we perform several robustness checks. In Tables A.7 and A.11, we add our five different FE step by step. In Table A.8, we apply logit instead of OLS regressions. In Table A.10, we provide the results on the effect of portfolio replenishment on average ABS loan performance based on propensity scores, which are estimated using a probit regression. In Tables A.12 and A.13, we exclude all observations from Belgium. In Table A.14, we randomly draw samples to address the underweighting of defaulted and delinquent loan observations. Tables A.15 and A.16 report the results when we control for the non-logarithmized as well as squared variables of *Years since Loan Origination* and *Loan Years to Maturity*. In Tables A.17 and A.18, we additionally control for country-specific private monitoring. In Tables A.19 and A.20, we add country FE. Tables A.21 and A.22 show our results when we consider bank characteristics as additional control variables. In Tables A.23 and A.24, we additionally incorporate originator FE.

Control variables:

Fifth, in Tables A.25 to A.38, we report the detailed regression result of our control variables for the bank intention analyses. We also link these tables in the respective table captions.

Table A.1: Additional mitigating factor analysis: Transactions with a management company

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PD	0.526*** (0.1678)							
LGD		-0.101** (0.0436)						
PD x LGD			-0.120 (0.2938)					
PD x Default				0.258*** (0.0755)				
PD x Default Amount					0.0227*** (0.0085)			
PD x Delinquency						0.0137* (0.0078)		
PD x Delinquent Amount							0.00124 (0.0010)	
PD x Number of Days in Delinquency								0.0136* (0.0077)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	2,310,236	2,310,248	2,310,236	2,310,236	2,310,236	2,310,236	2,310,236	2,310,236
Adj. R^2	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68

This table reports the analysis on whether ex ante loan quality and the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, only using observations from ABS transactions, in which a management company is involved. Variables are described in Table 1 and coefficients on the control variables are reported in Table A.25 in the online appendix. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.2: Additional mitigating factor analysis: Transactions without a management company

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PD	1.120*** (0.1191)							
LGD		0.0262** (0.0103)						
PD x LGD			1.543*** (0.1177)					
PD x Default				0.612*** (0.0836)				
PD x Default Amount					0.0492*** (0.0071)			
PD x Delinquency						0.437*** (0.0708)		
PD x Delinquent Amount							0.0464*** (0.0069)	
PD x Number of Days in Delinquency								0.135*** (0.0198)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	6,610,742	6,613,992	6,610,742	6,610,742	6,610,742	6,610,742	6,610,742	6,610,742
Adj. R^2	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73

This table reports the analysis on whether ex ante loan quality and the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, only using observations from ABS transactions, in which no management company is involved. Variables are described in Table 1 and coefficients on the control variables are reported in Table A.26 in the online appendix. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.3: Overview of our sample selection procedure

	Loans	Borrowers	ABS portfolios	Observations at the loan level
Data reported to ED from 2012-2017	**6,612,261**	**2,517,548**	**172**	**32,026,829**
Less				
Relevant variables are missing or implausible (e.g., days in arrears exceed the loan period, loan maturity date is before the loan origination date)	3,707,106	1,002,958	20	13,838,049
Ambiguous originators	431,864	378,356	50	2,547,916
Voluntary monthly reporting	757,650	123,014	0	6,454,252
Final Sample	**1,715,641**	**1,013,220**	**102**	**9,186,612**

This table reports our sample selection procedure.

Table A.4: Number of loans and SMEs by year and country

Country	2012 Loans	2012 SMEs	2013 Loans	2013 SMEs	2014 Loans	2014 SMEs	2015 Loans	2015 SMEs	2016 Loans	2016 SMEs	2017 Loans	2017 SMEs
BE	125,178	69,691	293,945	151,858	279,053	145,776	270,550	139,013	256,558	129,974	276,199	141,323
DE	0	0	0	0	0	0	23,516	18,211	26,662	20,189	122,546	113,041
ES	1,895	1,723	25,574	24,007	8,697	8,082	70,213	62,867	89,295	80,070	89,902	82,111
FR	0	0	26,675	7,962	33,362	4,799	114,081	56,578	171,197	78,088	227,609	95,502
IT	84,475	73,395	86,786	77,387	68,090	58,013	114,235	99,258	138,908	119,994	129,552	114,062
NL	24,944	18,591	0	0	11,663	6,680	9,839	5,723	7,942	4,718	5,961	3,603
PT	0	0	29,827	20,223	38,032	24,842	62,631	40,773	61,394	42,988	50,496	50,496
Total	236,492	163,400	462,807	279,955	448,194	258,269	655,065	422,423	751,956	476,021	902,265	585,583

This table reports the number of loans and SMEs for each year and country. Our sample consists of seven different countries: Belgium (BE), Germany (DE), Spain (ES), France (FR), Italy (IT), the Netherlands (NL), and Portugal (PT).

Table A.5: Correlations

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
(1) Incoming Loan	1.00																
(2) PD	-0.09	1.00															
(3) LGD	-0.02	-0.04	1.00														
(4) Default	-0.06	0.50	-0.02	1.00													
(5) Default Amount	-0.03	0.07	0.02	0.84	1.00												
(6) Delinquency	-0.02	0.13	-0.03	0.30	0.31	1.00											
(7) Delinquent Amount	-0.02	0.15	-0.02	0.36	0.38	0.96	1.00										
(8) Number of Days in Del.	-0.03	0.08	0.02	0.39	0.44	0.80	0.82	1.00									
(9) Interest Rate (%)	-0.22	0.18	0.21	0.09	0.06	0.14	0.12	0.14	1.00								
(10) Collateralization	0.05	-0.01	-0.28	-0.00	-0.01	-0.03	-0.02	-0.04	-0.21	1.00							
(11) Years since Loan O.	-0.37	0.14	-0.03	0.07	0.04	0.10	0.11	0.10	0.18	0.06	1.00						
(12) Loan Years to Maturity	-0.04	0.02	-0.16	0.01	0.02	0.07	0.08	0.06	-0.12	0.22	0.15	1.00					
(13) Current Balance	0.02	0.10	-0.12	0.05	0.07	0.07	0.10	0.05	-0.16	0.18	0.09	0.64	1.00				
(14) Securitized Loan Ratio	0.24	0.07	-0.00	0.04	0.04	0.08	0.08	0.06	0.01	0.01	-0.24	0.22	0.22	1.00			
(15) Pool Time	-0.13	0.12	-0.01	0.04	0.04	0.09	0.10	0.09	0.13	0.09	0.41	0.30	0.25	0.31	1.00		
(16) Lending Relationship	0.11	-0.01	-0.15	-0.00	-0.04	-0.12	-0.12	-0.11	-0.17	0.28	-0.07	-0.00	0.02	0.04	0.12	1.00	
(17) Loan Uniqueness	0.05	-0.12	-0.06	-0.05	-0.02	-0.05	-0.06	-0.04	-0.09	-0.01	-0.29	-0.11	-0.14	0.04	0.00	0.13	1.00

This table reports the variables' pairwise correlations. Variables are described in Table 1 in the main body of the paper.

Table A.6: Logit regression to estimate the *PD*

	Default
Interest Rate	0.00361***
	(0.000276)
Collateralization	-0.000393
	(0.00125)
Years since Loan Origination	0.0197***
	(0.00218)
Loan Years to Maturity	-0.00579***
	(0.000806)
Current Balance	0.00434***
	(0.000381)
Seucritized Loan Ratio	0.0157***
	(0.00394)
Pool Time	-0.000151***
	(0.0000388)
Lending Relationship	0.00174
	(0.00191)
Loan Uniqueness	0.000335
	(0.000269)
Reporting quarter FE	Yes
Country FE	Yes
Loan origination year FE	Yes
Industry FE	Yes
Loan type FE	Yes
Borrower type FE	Yes
N	16,631,557
Pseudo R^2	0.33

This table reports the logit model to estimate a PD for every single loan observation in our sample. Variables are described in Table 1 in the main body of the paper. Marginal effects are reported and robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.7: Performance of *Incoming Loans* (Robustness: Adding FE step by step)

	Default (1)	Default (2)	Default (3)	Default (4)	Default (5)	Default (6)
Incoming Loan	0.00354***	0.00241*	0.00442***	0.00449***	0.00476***	0.00477***
	(0.0012)	(0.0014)	(0.0013)	(0.0013)	(0.0014)	(0.0014)
Interest Rate	0.00716***	0.00746***	0.00753***	0.00749***	0.00733***	0.00742***
	(0.0004)	(0.0004)	(0.0004)	(0.0004)	(0.0004)	(0.0004)
Collateralization	0.00475***	0.00552***	0.00571***	0.00483***	0.00568***	0.00528***
	(0.0014)	(0.0015)	(0.0015)	(0.0014)	(0.0012)	(0.0012)
Years since Loan Origination	0.00686***	0.00645***	0.00948***	0.00911***	0.0137***	0.0136***
	(0.0012)	(0.0012)	(0.0019)	(0.0018)	(0.0029)	(0.0029)
Loan Years to Maturity	-0.0108***	-0.0107***	-0.0105***	-0.0105***	-0.00963***	-0.00941***
	(0.0011)	(0.0011)	(0.0011)	(0.0011)	(0.0011)	(0.0011)
Current Balance	0.00603***	0.00619***	0.00634***	0.00652***	0.00628***	0.00616***
	(0.0005)	(0.0005)	(0.0005)	(0.0006)	(0.0005)	(0.0005)
Securitized Loan Ratio	0.0256***	0.0293***	0.0268***	0.0266***	0.0306***	0.0309***
	(0.0027)	(0.0032)	(0.0032)	(0.0032)	(0.0039)	(0.0039)
Pool Time	-0.000757***	-0.00106***	-0.00105***	-0.00103***	-0.00121***	-0.00121***
	(0.0002)	(0.0002)	(0.0002)	(0.0002)	(0.0002)	(0.0002)
Lending Relationship	-0.000285	-0.000407	-0.000165	-0.000537	-0.000617	-0.00106
	(0.0010)	(0.0010)	(0.0010)	(0.0010)	(0.0010)	(0.0009)
Loan Uniqueness	0.00161***	0.00142***	0.000766***	-0.00000831	-0.0000666	-0.000124
	(0.0002)	(0.0002)	(0.0001)	(0.0002)	(0.0002)	(0.0002)
Reporting quarter FE	Yes	No	No	No	No	No
ABS portfolio FE	Yes	No	No	No	No	No
Rep. q. x ABS p. FE	No	Yes	Yes	Yes	Yes	Yes
Loan o. year FE	No	No	Yes	Yes	Yes	Yes
Industry FE	No	No	No	Yes	Yes	Yes
Loan type FE	No	No	No	No	Yes	Yes
Borrower type FE	No	No	No	No	No	Yes
N	9,186,609	9,186,606	9,186,606	9,186,606	9,186,606	9,186,606
Adj. R^2	0.27	0.28	0.28	0.28	0.28	0.28

This table reports the analysis on whether *Incoming Loans* exhibit lower loan performance than non-incoming loans, adding our five different FE step by step and exemplarily utilizing *Default* as endogenous variable. Variables are described in Table 1 in the main body of the paper. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.8: Performance of *Incoming Loans* and bank intention analysis (Robustness: Logit regressions)

	Default	Delinquency	Incoming Loan	Incoming Loan
	(1)	(2)	(3)	(4)
Incoming Loan	0.0803	0.0945***		
	(0.0603)	(0.0314)		
PD			0.315**	
			(0.1396)	
LGD				0.0000805
				(0.0001)
Interest Rate	0.344***	0.267***	-0.0154***	-0.0137***
	(0.0603)	(0.0314)	(0.0030)	(0.0023)
Collateralization	0.220***	0.371***	0.00678*	0.00788**
	(0.0645)	(0.0266)	(0.0040)	(0.0039)
Years since Loan Origination	0.713***	0.262***	-0.329***	-0.324***
	(0.1074)	(0.0819)	(0.0399)	(0.0404)
Loan Years to Maturity	-0.498***	0.0142	0.0916***	0.0896***
	(0.0615)	(0.0191)	(0.0075)	(0.0071)
Current Balance	0.397***	0.113***	0.00492***	0.00647***
	(0.0260)	(0.0105)	(0.0015)	(0.0011)
Securitized Loan Ratio	0.910***	0.424***	-0.254***	-0.248***
	(0.1465)	(0.0806)	(0.0610)	(0.0612)
Pool Time	-0.0432***	0.00146	-0.0219***	-0.0221***
	(0.0089)	(0.0037)	(0.0024)	(0.0024)
Lending Relationship	-0.0609	-0.268***	-0.00845***	-0.00777***
	(0.0440)	(0.0168)	(0.0024)	(0.0023)
Loan Uniqueness	-0.0159*	-0.0276***	-0.00865***	-0.00836***
	(0.0091)	(0.0051)	(0.0009)	(0.0009)
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes
N	7,293,089	7,921,108	7,023,419	7,025,767
Adj. R^2	0.24	0.18	0.68	0.68

This table reports the analysis on whether *Incoming Loans* exhibit lower loan performance, as measured by *Default* and *Delinquency*, than non-incoming loans (specifications (1) and (2)) and on whether ex ante loan quality, as measured by *PD* and *LGD* affect the probability of being added to securitized loan portfolios after the transactions' closing (specifications (3) and (4)), using logit regressions instead of OLS regressions. Variables are described in Table 1. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.9: Logit and probit regressions to estimate propensity scores

	Incoming Loan	Incoming Loan
	(1)	(2)
Interest Rate	0.000431	0.000114
	(0.00196)	(0.00198)
Collateralization	0.00743*	0.00729
	(0.00431)	(0.00460)
Years since Loan Origination	-0.393***	-0.407***
	(0.0422)	(0.0407)
Loan Years to Maturity	0.118***	0.119***
	(0.00832)	(0.00808)
Current Balance	0.0125***	0.0134***
	(0.00238)	(0.00245)
Securitized Loan Ratio	-0.227***	-0.217***
	(0.0450)	(0.0450)
Pool Time	0.00868***	0.00862***
	(0.00240)	(0.00239)
Lending Relationship	-0.00818**	-0.00743*
	(0.00417)	(0.00430)
Loan Uniqueness	-0.00947***	-0.0111***
	(0.00219)	(0.00204)
Reporting quarter x ABS portfolio FE	Yes	Yes
Loan origination year FE	Yes	Yes
Industry FE	Yes	Yes
Loan type FE	Yes	Yes
Borrower type FE	Yes	Yes
N	1,039,068	1,039,068
Adj. R^2	0.70	0.70
Estimation method	Logit	Probit

This table reports the logit and probit models to estimate propensity scores. Variables are described in Table 1 in the main body of the paper. Marginal effects are reported and robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.10: Performance of *Incoming Loans*: Portfolio effect (Robustness: Probit estimation)

Estimator	Default	Default Amount	Delinquency	Delinquent Amount	Number of Days in Delinquency
	(1)	(2)	(3)	(4)	(5)
Nearest neighbor ($n = 1$)	0.0052***	0.0542***	0.0130***	0.0727**	0.0424***
	(0.0016)	(0.0172)	(0.0043)	(0.0334)	(0.0125)
Nearest neighbor ($n = 5$)	0.0054***	0.0592***	0.0112***	0.0534**	0.0326***
	(0.0013)	(0.0135)	(0.0035)	(0.0268)	(0.0102)
Nearest neighbor ($n = 10$)	0.0056***	0.0611***	0.0119***	0.0583**	0.0336***
	(0.0013)	(0.0127)	(0.0033)	(0.0254)	(0.0097)
Nearest neighbor ($n = 20$)	0.0055***	0.0594***	0.0119***	0.0603**	0.0341***
	(0.0013)	(0.0125)	(0.0033)	(0.0252)	(0.0096)
Nearest neighbor ($n = 50$)	0.0050***	0.0524***	0.0112***	0.0536**	0.0318***
	(0.0013)	(0.0121)	(0.0033)	(0.0247)	(0.0095)
N					1,039,068
Number of *Incoming Loans*					595,777
Number of *Outgoings Loans*					443,291

This table provides estimates of the mean differences of our loan performance measures between *Incoming Loans* and *Outgoing Loans*, based on a propensity score matching. For each loan in our sample, we only retain the point(s) in time when the loan is added to the ABS portfolio and/or when it leaves the not yet maturing ABS portfolio. *Outgoing Loans* are defined as loans, which are no longer included in the portfolio from one quarter to another. Propensity scores are estimated based on a probit regression, reported in Table A.9 in the online appendix, where the endogenous variable is the dummy *Incoming Loan*. Variables are defined in Table 1 in the main body of the paper. N refers to the number of observations. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.11: Bank intention analysis (Robustness: Adding FE step by step)

	Inc. Loan (1)	Inc. Loan (2)	Inc. Loan (3)	Inc. Loan (4)	Inc. Loan (5)	Inc. Loan (6)
PD	0.797***	0.479***	0.783***	0.838***	1.139***	1.163***
	(0.1044)	(0.0862)	(0.0651)	(0.0709)	(0.1090)	(0.1116)
Interest Rate	-0.0318***	-0.0256***	-0.0299***	-0.0303***	-0.0319***	-0.0319***
	(0.0024)	(0.0019)	(0.0019)	(0.0019)	(0.0021)	(0.0021)
Collateralization	-0.0281	0.0125**	0.00387	0.00568	0.00354	0.00383
	(0.0183)	(0.0058)	(0.0050)	(0.0050)	(0.0051)	(0.0050)
Years since Loan Origination	-0.292***	-0.325***	-0.262***	-0.263***	-0.278***	-0.278***
	(0.0268)	(0.0284)	(0.0521)	(0.0522)	(0.0530)	(0.0529)
Loan Years to Maturity	0.110***	0.116***	0.126***	0.126***	0.126***	0.127***
	(0.0106)	(0.0114)	(0.0103)	(0.0103)	(0.0098)	(0.0098)
Current Balance	-0.00714***	-0.00252	-0.00352***	-0.00369***	-0.00472***	-0.00538***
	(0.0021)	(0.0017)	(0.0012)	(0.0012)	(0.0013)	(0.0013)
Securitized Loan Ratio	-0.244***	-0.346***	-0.320***	-0.321***	-0.336***	-0.336***
	(0.0680)	(0.0780)	(0.0712)	(0.0711)	(0.0718)	(0.0716)
Pool Time	-0.0196***	-0.0202***	-0.0227***	-0.0227***	-0.0221***	-0.0221***
	(0.0025)	(0.0024)	(0.0021)	(0.0021)	(0.0022)	(0.0022)
Lending Relationship	-0.00285	-0.00467*	-0.00876***	-0.00788***	-0.00869***	-0.00974***
	(0.0035)	(0.0026)	(0.0023)	(0.0021)	(0.0022)	(0.0024)
Loan Uniqueness	-0.00351	-0.00581*	-0.00428**	-0.00319	-0.00343	-0.00369
	(0.0035)	(0.0033)	(0.0020)	(0.0027)	(0.0027)	(0.0026)
Reporting quarter FE	Yes	No	No	No	No	No
ABS portfolio FE	Yes	No	No	No	No	No
Rep. q. x ABS p. FE	No	Yes	Yes	Yes	Yes	Yes
Loan o. year FE	No	No	Yes	Yes	Yes	Yes
Industry FE	No	No	No	Yes	Yes	Yes
Loan type FE	No	No	No	No	Yes	Yes
Borrower type FE	No	No	No	No	No	Yes
N	9,183,330	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.58	0.66	0.70	0.70	0.70	0.70

This table reports the analysis on whether low-quality loans are more likely to be *Incoming Loans*, adding our five different FE step by step and exemplarily utilizing *PD* as exogenous variable of main interest. Variables are described in Table 1 in the main body of the paper. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.12: Performance of *Incoming Loans* (Robustness: Excluding Belgian loan observations)

	Default	Default Amount	Delinquency	Delinquent Amount	Number of Days in Del.
	(1)	(2)	(3)	(4)	(5)
Incoming Loan	0.0103***	0.104***	0.00859**	0.0533	0.0159
	(0.0022)	(0.0238)	(0.0042)	(0.0350)	(0.0122)
Interest Rate	0.00900***	0.0877***	0.0290***	0.216***	0.0866***
	(0.0006)	(0.0064)	(0.0015)	(0.0113)	(0.0041)
Collateralization	0.00611**	0.110***	0.0569***	0.525***	0.145***
	(0.0031)	(0.0359)	(0.0070)	(0.0643)	(0.0205)
Years since Loan Origination	0.0152**	0.159***	0.0230**	0.195**	0.0703*
	(0.0061)	(0.0614)	(0.0108)	(0.0930)	(0.0360)
Loan Years to Maturity	-0.00340***	-0.0345***	0.0136***	0.00524	0.0386***
	(0.0012)	(0.0121)	(0.0026)	(0.0192)	(0.0087)
Current Balance	0.00572***	0.0795***	0.00532***	0.114***	0.0187***
	(0.0008)	(0.0091)	(0.0007)	(0.0117)	(0.0029)
Securitized Loan Ratio	0.0223***	0.199***	0.0228***	0.234***	0.112***
	(0.0052)	(0.0528)	(0.0084)	(0.0719)	(0.0247)
Pool Time	0.000398	0.00189	0.00493***	0.0309***	0.00648***
	(0.0003)	(0.0038)	(0.0007)	(0.0057)	(0.0019)
Lending Relationship	0.00330**	0.0439***	-0.0128***	-0.0771***	-0.0195**
	(0.0016)	(0.0168)	(0.0023)	(0.0179)	(0.0081)
Loan Uniqueness	0.000801***	0.00727***	-0.00132**	-0.00537	0.000661
	(0.0002)	(0.0022)	(0.0006)	(0.0048)	(0.0018)
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes
N	4,492,533	4,492,533	4,492,533	4,492,533	4,492,533
Adj. R^2	0.36	0.08	0.22	0.23	0.16

This table reports the analysis on whether *Incoming Loans* exhibit lower loan performance than non-incoming loans, excluding all observations from Belgium. Variables are described in Table 1 in the main body of the paper. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.13: Bank intention analysis (Robustness: Excluding Belgian loan observations)

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PD	0.421*** (0.0837)							
LGD		-0.0231*** (0.0062)						
PD x LGD			0.772*** (0.1174)					
PD x Default				0.206*** (0.0412)				
PD x Default Amount					0.0173*** (0.0040)			
PD x Delinquency						0.0223** (0.0096)		
PD x Delinquent Amount							0.00333** (0.0013)	
PD x Number of Days in Delinquency								0.0200*** (0.0070)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	4,489,325	4,492,533	4,489,325	4,489,325	4,489,325	4,489,325	4,489,325	4,489,325
Adj. R^2	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79

This table reports the analysis on whether ex ante loan quality and the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, excluding all observations from Belgium. Variables are described in Table 1 in the main body of the paper and coefficients on the control variables are reported in Table A.33 in the online appendix. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.14: Performance of *Incoming Loans* and bank intention analysis (Robustness: Drawing random samples)

	Mean coefficient	p10 coefficient	p50 coefficient	p90 coefficient	Mean p-value	p10 p-value	p50 p-value	p90 p-value	Skewness p-value	Kurtosis p-value
Loan performance analysis: Endogenous variables										
(1) Default	0.021	0.019	0.021	0.022	0.015	0.009	0.013	0.021	1.219	5.263
(2) Default Amount	0.133	0.121	0.134	0.143	0.108	0.078	0.104	0.142	0.854	3.987
(3) Delinquency	0.016	0.015	0.016	0.016	0.000	0.000	0.000	0.000	0.629	2.913
(4) Delinquent Amount	0.129	0.118	0.128	0.142	0.043	0.026	0.042	0.006	0.867	4.463
(5) Number of Days in Delinquency	0.036	0.031	0.037	0.041	0.230	0.170	0.218	0.299	0.717	3.667
Bank awareness analysis: Exogenous variables										
(1) PD	0.874	0.865	0.874	0.883	0.000	0.000	0.000	0.000	1.775	6.449
(2) LGD	0.000	0.000	0.000	0.000	0.169	0.129	0.163	0.206	0.297	3.181
(3) PD x LGD	1.280	1.266	1.280	1.296	0.000	0.000	0.000	0.000	2.508	10.371
(4) PD x Default	0.550	0.544	0.549	0.556	0.000	0.000	0.000	0.000	3.602	20.49
(5) PD x Default Amount	0.044	0.043	0.044	0.044	0.000	0.000	0.000	0.000	1.712	5.522
(6) PD x Delinquency	0.045	0.045	0.045	0.046	0.001	0.001	0.001	0.001	-0.117	2.482
(7) PD x Delinquency Amount	0.007	0.007	0.007	0.007	0.000	0.000	0.000	0.000	-0.126	2.808
(8) PD x Number of Days in Delinquency	0.064	0.063	0.064	0.065	0.000	0.000	0.000	0.000	0.068	2.916

This table reports the results for our loan performance analysis and bank awareness analysis, based on random samples. We re-estimate our two main regression models based on one hundred randomly drawn and more balanced samples. For this purpose and comparable to the approach by Gardner and Mills (1989), we create each sample by using either all our defaulted or all our delinquent loans from our sample and randomly draw from the remaining loans twice the number of defaulted or delinquent loans, respectively. p10, p50, and p90 represent the tenth, fiftieth, and the ninetieth percentile.

Table A.15: Performance of *Incoming Loans* (Robustness: Varying loan term measures)

	Default	Default Amount	Delinquency	Delinquent Amount	Number of Days in Del.
	(1)	(2)	(3)	(4)	(5)
Incoming Loan	0.00350***	0.0297**	0.0108***	0.0702***	0.0199**
	(0.0013)	(0.0133)	(0.0027)	(0.0217)	(0.0085)
Interest Rate	0.00748***	0.0704***	0.0252***	0.178***	0.0784***
	(0.0004)	(0.0040)	(0.0011)	(0.0078)	(0.0031)
Collateralization	0.00443***	0.0583***	0.0267***	0.209***	0.0810***
	(0.0011)	(0.0130)	(0.0031)	(0.0277)	(0.0085)
Years since Loan Origination	0.00203**	0.0294***	0.000664	0.0159	-0.00459
	(0.0009)	(0.0090)	(0.0024)	(0.0193)	(0.0064)
Years since Loan Origination^2	-0.000175***	-0.00211***	-0.0000424	-0.00125	0.0000455
	(0.0000)	(0.0005)	(0.0002)	(0.0015)	(0.0005)
Loan Years to Maturity	-0.00386***	-0.0415***	-0.00178**	-0.0412***	-0.00618**
	(0.0005)	(0.0050)	(0.0007)	(0.0065)	(0.0026)
Loan Years to Maturity^2	0.000175***	0.00192***	0.000185***	0.00240***	0.000591***
	(0.0000)	(0.0002)	(0.0000)	(0.0003)	(0.0001)
Current Balance	0.00566***	0.0737***	0.00840***	0.124***	0.0262***
	(0.0005)	(0.0055)	(0.0008)	(0.0086)	(0.0025)
Securitized Loan Ratio	0.0260***	0.270***	0.0342***	0.290***	0.137***
	(0.0037)	(0.0388)	(0.0066)	(0.0550)	(0.0211)
Pool Time	-0.00121***	-0.0139***	0.000375	-0.00124	-0.00334***
	(0.0002)	(0.0024)	(0.0004)	(0.0030)	(0.0011)
Lending Relationship	-0.00129	-0.00765	-0.0230***	-0.152***	-0.0685***
	(0.0009)	(0.0094)	(0.0016)	(0.0114)	(0.0060)
Loan Uniqueness	-0.000177	-0.00185	-0.00111**	-0.00896**	-0.00173
	(0.0002)	(0.0023)	(0.0005)	(0.0039)	(0.0018)
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes
N	9,186,606	9,186,606	9,186,606	9,186,606	9,186,606
Adj. R^2	0.28	0.06	0.17	0.18	0.11

This table reports the analysis on whether *Incoming Loans* exhibit lower loan performance than non-incoming loans, controlling for the non-logarithmized and squared variables years since loan origination and loan years to maturity. Variables are described in Table 1 in the main body of the paper. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.16: Bank intention analysis (Robustness: Varying loan term measures)

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PD	0.924*** (0.1111)							
LGD		-0.00455 (0.0185)						
PD x LGD			1.325*** (0.1376)					
PD x Default				0.419*** (0.0634)				
PD x Default Amount					0.0361*** (0.0060)			
PD x Delinquency						0.0924*** (0.0248)		
PD x Delinquent Amount							0.0125*** (0.0031)	
PD x Number of Days in Delinquency								0.0704*** (0.0125)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Modified loan term controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69

This table reports the analysis on whether ex ante loan quality and the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, controlling for the non-logarithmized and squared variables years since loan origination and loan years to maturity. Variables are described in Table 1 in the main body of the paper and coefficients on the control variables are reported in Table A.34 in the online appendix. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.17: Performance of *Incoming Loans* (Robustness: Controlling for country-specific monitoring)

	Default	Default Amount	Delinquency	Delinquent Amount	Number of Days in Del.
	(1)	(2)	(3)	(4)	(5)
Incoming Loan	0.00477***	0.0424***	0.0109***	0.0782***	0.0211**
	(0.0014)	(0.0136)	(0.0028)	(0.0230)	(0.0091)
Private Monitoring	-0.00997***	-0.116***	-0.000714	-0.0629*	0.0350*
	(0.0021)	(0.0174)	(0.0049)	(0.0339)	(0.0187)
Interest Rate	0.00742***	0.0698***	0.0250***	0.177***	0.0780***
	(0.0004)	(0.0040)	(0.0011)	(0.0079)	(0.0031)
Collateralization	0.00528***	0.0676***	0.0283***	0.225***	0.0863***
	(0.0012)	(0.0134)	(0.0032)	(0.0285)	(0.0087)
Years since Loan Origination	0.0136***	0.152***	0.00650	0.0791	0.0157
	(0.0029)	(0.0286)	(0.0075)	(0.0629)	(0.0215)
Loan Years to Maturity	-0.00941***	-0.0963***	0.00304	-0.0626***	0.00542
	(0.0011)	(0.0114)	(0.0019)	(0.0148)	(0.0064)
Current Balance	0.00616***	0.0786***	0.00841***	0.128***	0.0266***
	(0.0005)	(0.0058)	(0.0008)	(0.0091)	(0.0027)
Securitized Loan Ratio	0.0309***	0.320***	0.0384***	0.341***	0.154***
	(0.0039)	(0.0414)	(0.0067)	(0.0565)	(0.0218)
Pool Time	-0.00121***	-0.0140***	0.000132	-0.00226	-0.00405***
	(0.0002)	(0.0024)	(0.0004)	(0.0029)	(0.0011)
Lending Relationship	-0.00107	-0.00521	-0.0226***	-0.149***	-0.0673***
	(0.0009)	(0.0095)	(0.0016)	(0.0115)	(0.0060)
Loan Uniqueness	-0.000125	-0.00134	-0.00102*	-0.00837**	-0.00140
	(0.0002)	(0.0022)	(0.0005)	(0.0039)	(0.0017)
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes
N	9,186,606	9,186,606	9,186,606	9,186,606	9,186,606
Adj. R^2	0.28	0.07	0.17	0.18	0.11

This table reports the analysis on whether *Incoming Loans* exhibit lower loan performance than non-incoming loans, additionally controlling for *Private Monitoring* obtained from Barth et al. (2013). *Private Monitoring* measures whether private monitoring is possible in a specific country with higher values indicating more private monitoring. Variables are described in Table 1 in the main body of the paper. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.18: Bank intention analysis (Robustness: Controlling for country-specific monitoring)

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PD	1.163*** (0.116)							
LGD		0.000621 (0.0181)						
PD x LGD			1.525*** (0.1363)					
PD x Default				0.502*** (0.0694)				
PD x Default Amount					0.0437*** (0.0066)			
PD x Delinquency						0.109*** (0.0280)		
PD x Delinquent Amount							0.0152*** (0.0036)	
PD x Number of Days in Delinquency								0.0832*** (0.0137)
Private Monitoring	-0.0522*** (0.0068)	-0.0567*** (0.0067)	-0.0532*** (0.0067)	-0.0557*** (0.0068)	-0.0558*** (0.0068)	-0.0564*** (0.0067)	-0.0562*** (0.0067)	-0.0559*** (0.0067)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

This table reports the analysis on whether ex ante loan quality and the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, additionally controlling for *Private Monitoring* obtained from Barth et al. (2013). *Private Monitoring* measures whether private monitoring is possible in a specific country with higher values indicating more private monitoring. Variables are described in Table 1 in the main body of the paper and coefficients on the control variables are reported in Table A.35 in the online appendix. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.19: Performance of *Incoming Loans* (Robustness: Applying country FE)

	Default	Default Amount	Delinquency	Delinquent Amount	Number of Days in Del.
	(1)	(2)	(3)	(4)	(5)
Incoming Loan	0.00477***	0.0424***	0.0109***	0.0782***	0.0211**
	(0.0014)	(0.0136)	(0.0028)	(0.0230)	(0.0091)
Interest Rate	0.00742***	0.0698***	0.0250***	0.177***	0.0780***
	(0.0004)	(0.0040)	(0.0011)	(0.0079)	(0.0031)
Collateralization	0.00527***	0.0676***	0.0283***	0.225***	0.0863***
	(0.0012)	(0.0134)	(0.0032)	(0.0285)	(0.0087)
Years since Loan Origination	0.0136***	0.152***	0.00651	0.0791	0.0158
	(0.0029)	(0.0286)	(0.0075)	(0.0629)	(0.0215)
Loan Years to Maturity	-0.00941***	-0.0963***	0.00304	-0.0626***	0.00541
	(0.0011)	(0.0114)	(0.0019)	(0.0148)	(0.0064)
Current Balance	0.00616***	0.0786***	0.00841***	0.128***	0.0266***
	(0.0005)	(0.0058)	(0.0008)	(0.0091)	(0.0027)
Securitized Loan Ratio	0.0309***	0.320***	0.0384***	0.341***	0.154***
	(0.0039)	(0.0414)	(0.0067)	(0.0565)	(0.0218)
Pool Time	-0.00121***	-0.0140***	0.000132	-0.00226	-0.00405***
	(0.0002)	(0.0024)	(0.0004)	(0.0029)	(0.0011)
Lending Relationship	-0.00107	-0.00521	-0.0226***	-0.149***	-0.0673***
	(0.0009)	(0.0095)	(0.0016)	(0.0115)	(0.0060)
Loan Uniqueness	-0.000124	-0.00133	-0.00102*	-0.00838**	-0.00140
	(0.0002)	(0.0022)	(0.0005)	(0.0039)	(0.0017)
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes
Country FE	Yes	Yes	Yes	Yes	Yes
N	9,186,606	9,186,606	9,186,606	9,186,606	9,186,606
Adj. R^2	0.28	0.07	0.17	0.18	0.11

This table reports the analysis on whether *Incoming Loans* exhibit lower loan performance than non-incoming loans, additionally applying country FE. Variables are described in Table 1 in the main body of the paper. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, ** and *** denote significance at the 10%, 5%, and 1% levels.

Table A.20: Bank intention analysis (Robustness: Applying country FE)

	Inc. Loan (1)	Inc. Loan (2)	Inc. Loan (3)	Inc. Loan (4)	Inc. Loan (5)	Inc. Loan (6)	Inc. Loan (7)	Inc. Loan (8)
PD	1.163*** (0.1163)							
LGD		0.0613 (0.0181)						
PD x LGD			1.525*** (0.0014)					
PD x Default				0.502*** (0.0007)				
PD x Default Amount					0.0437*** (0.0001)			
PD x Delinquency						0.109*** (0.0003)		
PD x Delinquent Amount							0.0152*** (0.0000)	
PD x Number of Days in Delinquency								0.0832*** (0.0001)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Country FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

This table reports the analysis on whether ex ante loan quality and the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, additionally applying country FE. Variables are described in Table 1 in the main body of the paper and coefficients on the control variables are reported in Table A.36 in the online appendix. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.21: Performance of *Incoming Loans* (Robustness: Controlling for originator characteristics)

	Default	Default Amount	Delinquency	Delinquent Amount	Number of Days in Del.
	(1)	(2)	(3)	(4)	(5)
Incoming Loan	0.00517***	0.0462***	0.0111***	0.0819***	0.0224**
	(0.0014)	(0.0134)	(0.0033)	(0.0265)	(0.0107)
NPL Ratio	-0.0224***	-0.174**	0.362**	4.329***	0.629***
	(0.0063)	(0.0676)	(0.1485)	(1.5314)	(0.1534)
Equity Ratio	-0.0553***	-0.387**	-0.416	-0.0491	-3.405***
	(0.0187)	(0.1584)	(0.2910)	(2.6979)	(0.3455)
Bank Size	-0.00111**	-0.00285	-0.0107***	-0.0694*	-0.00243
	(0.0005)	(0.0039)	(0.0037)	(0.0407)	(0.0075)
Loan Growth	0.00267	0.0322	0.190***	1.425***	-0.0387
	(0.0024)	(0.0242)	(0.0339)	(0.2859)	(0.0940)
CIR	-0.00555**	-0.0274*	-0.116**	-1.420***	-0.158***
	(0.0023)	(0.0160)	(0.0559)	(0.4734)	(0.0476)
RoE	0.00859***	0.0519***	-0.0158	-0.304	0.202**
	(0.0021)	(0.0156)	(0.0727)	(0.7207)	(0.0826)
Liquidity	-0.00548	0.00244	-0.510***	-5.339***	-0.177
	(0.0082)	(0.0608)	(0.1217)	(1.2951)	(0.1480)
Loan Ratio	-0.0124	-0.0719	-0.489***	-5.018***	-0.429**
	(0.0102)	(0.0763)	(0.1264)	(1.2915)	(0.1766)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes
Originator controls	Yes	Yes	Yes	Yes	Yes
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes
N	7,875,796	7,875,796	7,875,796	7,875,796	7,875,796
Adj. R^2	0.30	0.04	0.13	0.14	0.08

This table reports the analysis on whether *Incoming Loans* exhibit lower loan performance than non-incoming loans, additionally controlling for originator characteristics. Variables are described in Table 1 in the main body of the paper. *NPL Ratio* is the ratio of non-performing loans volume to gross loans volume, *Equity Ratio* is the ratio of equity to total assets, *Bank Size* is the natural logarithm of total assets, *Loan Growth* is the loan growth compared to the previous year, *CIR* is the cost-income ratio, *RoE* is the return on equity, *Liquidity* is the ratio of liquid assets to deposits and short-term funding, and *Loan Ratio* is the sum of net loans divided by total assets. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.22: Bank intention analysis (Robustness: Controlling for originator characteristics)

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PD	1.100*** (0.1088)							
LGD		0.0105 (0.0185)						
PD x LGD			1.415*** (0.1185)					
PD x Default				0.549*** (0.0654)				
PD x Default Amount					0.0510*** (0.0062)			
PD x Delinquency						0.0959*** (0.0260)		
PD x Delinquent Amount							0.0138*** (0.0035)	
PD x Number of Days in Delinquency								0.0853*** (0.0142)
Loan & borrower & originator controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	7,872,517	7,875,796	7,872,517	7,872,517	7,872,517	7,872,517	7,872,517	7,872,517
Adj. R^2	0.73	0.72	0.73	0.72	0.72	0.72	0.72	0.72

This table reports the analysis on whether ex ante loan quality and the interactions between the *PD* and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, additionally controlling for originator characteristics. Variables are described in Table 1 in the main body of the paper and coefficients on the control variables are reported in Table A.37 in the online appendix. *NPL Ratio* is the ratio of non-performing loans volume to gross loans volume, *Equity Ratio* is the ratio of equity to total assets, *Bank Size* is the natural logarithm of total assets, *Loan Growth* is the loan growth compared to the previous year, *CIR* is the cost-income ratio, *RoE* is the return on equity, *Liquidity* is the ratio of liquid assets to deposits and short-term funding, and *Loan Ratio* is the sum of net loans divided by total assets. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.23: Performance of *Incoming Loans* (Robustness: Applying originator FE)

	Default	Default Amount	Delinquency	Delinquent Amount	Number of Days in Del.
	(1)	(2)	(3)	(4)	(5)
Incoming Loan	0.00477***	0.0424***	0.0109***	0.0782***	0.0211**
	(0.0014)	(0.0136)	(0.0028)	(0.0230)	(0.0091)
Interest Rate	0.0074***	0.0698***	0.0250***	0.177***	0.0780***
	(0.0004)	(0.0040)	(0.0011)	(0.0079)	(0.0031)
Collateralization	0.0053***	0.0676***	0.0283***	0.225***	0.0863***
	(0.0012)	(0.0134)	(0.0032)	(0.0285)	(0.0087)
Years since Loan Origination	0.0136***	0.152***	0.00650	0.0791	0.0157
	(0.0029)	(0.0286)	(0.0075)	(0.0629)	(0.0215)
Loan Years to Maturity	-0.00941***	-0.0963***	0.00304	-0.0626***	0.00542
	(0.0011)	(0.0114)	(0.0019)	(0.0148)	(0.0064)
Current Balance	0.0062 ***	0.0786***	0.0084***	0.128***	0.0266***
	(0.0005)	(0.0058)	(0.0008)	(0.0091)	(0.0027)
Securitized Loan Ratio	0.0309***	0.320***	0.0384***	0.341***	0.154***
	(0.0039)	(0.0414)	(0.0067)	(0.0565)	(0.0218)
Pool Time	-0.00121***	-0.0140***	0.000132	-0.00226	-0.00405***
	(0.0002)	(0.0022)	(0.0005)	(0.0039)	(0.0017)
Lending Relationship	-0.00106	-0.00519	-0.0226***	-0.149***	-0.0673***
	(0.0009)	(0.0095)	(0.0016)	(0.0115)	(0.0060)
Loan Uniqueness	-0.000124	-0.00133	-0.00102*	-0.00837**	-0.00140
	(0.0002)	(0.0022)	(0.0005)	(0.0039)	(0.0017)
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes
Originator FE	Yes	Yes	Yes	Yes	Yes
N	9,186,606	9,186,606	9,186,606	9,186,606	9,186,606
Adj. R^2	0.28	0.06	0.17	0.18	0.11

This table reports the analysis on whether *Incoming Loans* exhibit lower loan performance than non-incoming loans, additionally applying originator FE. Variables are described in Table 1 in the main body of the paper. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, ** and *** denote significance at the 10 %, 5 %, and 1 % levels.

Table A.24: Bank intention analysis (Robustness: Applying originator FE)

	Inc. Loan (1)	Inc. Loan (2)	Inc. Loan (3)	Inc. Loan (4)	Inc. Loan (5)	Inc. Loan (6)	Inc. Loan (7)	Inc. Loan (8)
PD	1.163*** (0.1116)							
LGD		0.000621 (0.0181)						
PD x LGD			1.525*** (0.163)					
PD x Default				0.502*** (0.0694)				
PD x Default Amount					0.0437*** (0.0066)			
PD x Delinquency						0.109*** (0.0280)		
PD x Delinquent Amount							0.0152*** (0.0036)	
PD x Number of Days in Delinquency								0.0832*** (0.0137)
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rep. quarter x ABS portfolio FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan origination year FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industry FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Borrower type FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Originator FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

This table reports the analysis on whether ex ante loan quality and the interactions between the PD and the ex post loan performance measures affect the probability of being added to securitized loan portfolios after the transactions' closing, additionally applying originator FE. Variables are described in Table 1 in the main body of the paper and coefficients on the control variables are reported in Table A.38 in the online appendix. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. $*$, $**$, and $***$ denote significance at the 10%, 5%, and 1% levels.

Table A.25: Controls for additional mitigating factor analysis: Transactions with a management company

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Loan Quality & Interactions	0.526*** (0.1678)	-0.101** (0.0436)	-0.120 (0.2938)	0.258*** (0.0755)	0.0227*** (0.0085)	0.0137* (0.0078)	0.00124 (0.0010)	0.0136* (0.0077)
Interest Rate	-0.0301*** (0.0032)	-0.0267*** (0.0026)	-0.0263*** (0.0029)	-0.0268*** (0.0025)	-0.0267*** (0.0025)	-0.0266*** (0.0026)	-0.0266*** (0.0026)	-0.0267*** (0.0026)
Collateralization	-0.00164 (0.0074)	-0.00872 (0.0068)	-0.00227 (0.0072)	-0.00189 (0.0076)	-0.00206 (0.0076)	-0.00205 (0.0076)	-0.00205 (0.0076)	-0.00208 (0.0076)
Years since Loan Origination	-0.289*** (0.0867)	-0.282*** (0.0863)	-0.284*** (0.0873)	-0.284*** (0.0874)	-0.284*** (0.0874)	-0.284*** (0.0874)	-0.284*** (0.0874)	-0.284*** (0.0874)
Loan Years to Maturity	0.129*** (0.0169)	0.119*** (0.0156)	0.123*** (0.0163)	0.124*** (0.0162)	0.124*** (0.0162)	0.124*** (0.0162)	0.124*** (0.0162)	0.124*** (0.0162)
Current Balance	0.00612* (0.0032)	0.00921*** (0.0028)	0.00955*** (0.0031)	0.00895*** (0.0030)	0.00924*** (0.0030)	0.00933*** (0.0030)	0.00933*** (0.0030)	0.00930*** (0.0030)
Securitized Loan Ratio	-0.216* (0.1129)	-0.195* (0.1083)	-0.201* (0.1112)	-0.203* (0.1105)	-0.203* (0.1106)	-0.202* (0.1105)	-0.202* (0.1105)	-0.203* (0.1105)
Pool Time	-0.0374*** (0.0056)	-0.0379*** (0.0055)	-0.0376*** (0.0056)	-0.0376*** (0.0055)	-0.0376*** (0.0055)	-0.0376*** (0.0055)	-0.0376*** (0.0055)	-0.0376*** (0.0055)
Lending Relationship	0.0133*** (0.0031)	0.0157*** (0.0033)	0.0145*** (0.0031)	0.0143*** (0.0032)	0.0144*** (0.0032)	0.0144*** (0.0032)	0.0144*** (0.0032)	0.0144*** (0.0032)
Loan Uniqueness	-0.00444* (0.0024)	-0.00379 (0.0025)	-0.00339 (0.0025)	-0.00359 (0.0025)	-0.00348 (0.0025)	-0.00346 (0.0025)	-0.00346 (0.0025)	-0.00347 (0.0025)
FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	2,310,236	2,572,610	2,310,236	2,310,236	2,310,236	2,310,236	2,310,236	2,310,236
Adj. R^2	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68

This table reports the control variables for Table A.1 in the main body of the paper. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the PD and the ex post loan performance measure. Variables are described in Table 1 in the main body of the paper. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.26: Controls for additional mitigating factor analysis: Transactions without a management company

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Loan Quality & Interactions	1.120***	0.0262**	1.543***	0.612***	0.0492***	0.437***	0.0464***	0.135***
	(0.1191)	(0.0103)	(0.1177)	(0.0836)	(0.0071)	(0.0708)	(0.0069)	(0.0198)
Interest Rate	-0.0332***	-0.0265***	-0.0302***	-0.0269***	-0.0268***	-0.0274***	-0.0272***	-0.0273***
	(0.0023)	(0.0019)	(0.0020)	(0.0019)	(0.0019)	(0.0020)	(0.0020)	(0.0020)
Collateralization	0.00542	0.00780	0.00790	0.00558	0.00547	0.00514	0.00512	0.00529
	(0.0050)	(0.0054)	(0.0050)	(0.0050)	(0.0051)	(0.0051)	(0.0051)	(0.0050)
Years since Loan Origination	-0.251***	-0.223***	-0.239***	-0.225***	-0.225***	-0.225***	-0.225***	-0.225***
	(0.0551)	(0.0553)	(0.0552)	(0.0553)	(0.0553)	(0.0553)	(0.0553)	(0.0553)
Loan Years to Maturity	0.121***	0.112***	0.118***	0.113***	0.113***	0.112***	0.113***	0.113***
	(0.0104)	(0.0105)	(0.0105)	(0.0104)	(0.0104)	(0.0104)	(0.0104)	(0.0104)
Current Balance	-0.00379***	0.00258***	-0.000550	0.00181*	0.00184*	0.00170*	0.00160	0.00166*
	(0.0013)	(0.0010)	(0.0010)	(0.0010)	(0.0010)	(0.0010)	(0.0010)	(0.0010)
Securitized Loan Ratio	-0.372***	-0.338***	-0.358***	-0.343***	-0.342***	-0.343***	-0.343***	-0.343***
	(0.0801)	(0.0805)	(0.0804)	(0.0807)	(0.0807)	(0.0807)	(0.0807)	(0.0807)
Pool Time	-0.0185***	-0.0194***	-0.0189***	-0.0192***	-0.0192***	-0.0192***	-0.0192***	-0.0192***
	(0.0023)	(0.0023)	(0.0023)	(0.0023)	(0.0023)	(0.0023)	(0.0023)	(0.0023)
Lending Relationship	-0.0156***	-0.0118***	-0.0136***	-0.0125***	-0.0125***	-0.0124***	-0.0124***	-0.0124***
	(0.0025)	(0.0022)	(0.0024)	(0.0024)	(0.0024)	(0.0024)	(0.0024)	(0.0024)
Loan Uniqueness	-0.0138***	-0.0140***	-0.0136***	-0.0138***	-0.0139***	-0.0138***	-0.0138***	-0.0138***
	(0.0020)	(0.0021)	(0.0020)	(0.0021)	(0.0021)	(0.0021)	(0.0021)	(0.0021)
FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	6,610,742	6,613,992	6,610,742	6,610,742	6,610,742	6,610,742	6,610,742	6,610,742
Adj. R^2	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73

This table reports the control variables for Table A.2 in the main body of the paper. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the PD and the ex post loan performance measure. Variables are described in Table 1 in the main body of the paper. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.27: Controls for bank intention analysis (Baseline regression & interaction effects analysis)

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Loan Quality & Interactions	1.163*** (0.1116)	0.000621 (0.0181)	1.525*** (0.1363)	0.502*** (0.0694)	0.0437*** (0.0066)	0.109*** (0.0280)	0.0152*** (0.0036)	0.0832*** (0.0137)
Interest Rate	-0.0319*** (0.0021)	-0.0246*** (0.0018)	-0.0285*** (0.0018)	-0.0251*** (0.0018)	-0.0250*** (0.0018)	-0.0249*** (0.0018)	-0.0249*** (0.0018)	-0.0252*** (0.0018)
Collateralization	0.00383 (0.0050)	0.00425 (0.0051)	0.00634 (0.0051)	0.00417 (0.0051)	0.00406 (0.0051)	0.00405 (0.0051)	0.00402 (0.0051)	0.00394 (0.0051)
Years since Loan Origination	-0.278*** (0.0529)	-0.251*** (0.0535)	-0.264*** (0.0531)	-0.253*** (0.0534)	-0.253*** (0.0534)	-0.252*** (0.0534)	-0.252*** (0.0534)	-0.253*** (0.0534)
Loan Years to Maturity	0.127*** (0.0098)	0.118*** (0.0098)	0.124*** (0.0098)	0.119*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)
Current Balance	-0.00538*** (0.0013)	0.00121 (0.0011)	-0.00172 (0.0011)	0.000612 (0.0011)	0.000700 (0.0011)	0.000986 (0.0011)	0.000886 (0.0011)	0.000721 (0.0011)
Securitized Loan Ratio	-0.336*** (0.0716)	-0.300*** (0.0721)	-0.319*** (0.0718)	-0.302*** (0.0721)	-0.302*** (0.0721)	-0.301*** (0.0721)	-0.301*** (0.0721)	-0.302*** (0.0721)
Pool Time	-0.0221*** (0.0022)	-0.0229*** (0.0022)	-0.0225*** (0.0022)	-0.0228*** (0.0022)	-0.0228*** (0.0022)	-0.0229*** (0.0022)	-0.0229*** (0.0022)	-0.0228*** (0.0022)
Lending Relationship	-0.00974*** (0.0024)	-0.00663*** (0.0022)	-0.00787*** (0.0023)	-0.00672*** (0.0023)	-0.00673*** (0.0023)	-0.00666*** (0.0023)	-0.00667*** (0.0023)	-0.00667*** (0.0023)
Loan Uniqueness	-0.00369 (0.0026)	-0.00291 (0.0027)	-0.00318 (0.0027)	-0.00291 (0.0027)	-0.00286 (0.0027)	-0.00291 (0.0027)	-0.00291 (0.0027)	-0.00289 (0.0027)
FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

This table reports the control variables for Table 6 in the main body of the paper. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the PD and the ex post loan performance measure. Variables are described in Table 1 in the main body of the paper. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.28: Controls for bank intention analysis (Subsample analysis)

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Loan Quality & Interactions	0.938*** (0.2164)	0.0139 (0.0104)	1.631*** (0.2351)	0.603*** (0.1217)	0.0582*** (0.0111)	0.0959** (0.0437)	0.0153** (0.061)	0.000809*** (0.0242)
Interest Rate	-0.0283*** (0.0029)	-0.0229*** (0.0025)	-0.0268*** (0.0026)	-0.0235*** (0.0025)	-0.0235*** (0.0025)	-0.0232*** (0.0025)	-0.0232*** (0.0025)	-0.0235*** (0.0025)
Collateralization	0.00681 (0.0061)	0.00874 (0.0058)	0.00968 (0.0062)	0.00743 (0.0062)	0.00731 (0.0062)	0.00728 (0.0062)	0.00725 (0.0062)	0.00720 (0.0062)
Years since Loan Origination	-0.197*** (0.0700)	-0.178** (0.0697)	-0.190*** (0.0692)	-0.180** (0.0697)	-0.180** (0.0697)	-0.179** (0.0698)	-0.179** (0.0698)	-0.179** (0.0698)
Loan Years to Maturity	0.112*** (0.0120)	0.105*** (0.0121)	0.111*** (0.0120)	0.106*** (0.0120)	0.106*** (0.0120)	0.105*** (0.0119)	0.105*** (0.0119)	0.106*** (0.0119)
Current Balance	-0.00550*** (0.0020)	-0.000803 (0.0015)	-0.00347** (0.0016)	-0.00165 (0.0014)	-0.00161 (0.0014)	-0.00111 (0.0014)	-0.00122 (0.0014)	-0.00138 (0.0014)
Securitized Loan Ratio	-0.324*** (0.1200)	-0.297** (0.1217)	-0.318*** (0.1209)	-0.301** (0.1218)	-0.301** (0.1218)	-0.298** (0.1218)	-0.299** (0.1218)	-0.300** (0.1218)
Pool Time	-0.0257*** (0.0040)	-0.0263*** (0.0041)	-0.0257*** (0.0041)	-0.0261*** (0.0041)	-0.0261*** (0.0041)	-0.0263*** (0.0041)	-0.0262*** (0.0041)	-0.0262*** (0.0041)
Lending Relationship	-0.0114*** (0.0038)	-0.00928** (0.0037)	-0.0105*** (0.0037)	-0.00955** (0.0038)	-0.00956** (0.0038)	-0.00949** (0.0038)	-0.00949** (0.0038)	-0.00949** (0.0038)
Loan Uniqueness	0.00812* (0.0042)	0.00878** (0.0043)	0.00852** (0.0042)	0.00872** (0.0043)	0.00877** (0.0043)	0.00871** (0.0043)	0.00871** (0.0043)	0.00872** (0.0043)
FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	4,275,136	4,276,206	4,275,136	4,275,136	4,275,136	4,275,136	4,275,136	4,275,136
Adj. R^2	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67

This table reports the control variables for Table 7 in the main body of the paper. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the *PD* and the ex post loan performance measure. Variables are described in Table 1 in the main body of the paper. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.29: Controls for bank intention analysis (Sequential PD estimation)

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Loan Quality & Interactions	1.279*** (0.2428)	0.000621 (0.0181)	3.261*** (0.3554)	0.856*** (0.1370)	0.0941*** (0.0125)	0.388*** (0.0783)	0.0491*** (0.0096)	0.145*** (0.0266)
Interest Rate	-0.0323*** (0.0026)	-0.0246*** (0.0018)	-0.0319*** (0.0020)	-0.0254*** (0.0018)	-0.0254*** (0.0018)	-0.0257*** (0.0018)	-0.0257*** (0.0018)	-0.0257*** (0.0018)
Collateralization	0.0109** (0.0053)	0.00425 (0.0051)	0.0116** (0.0053)	0.00465 (0.0051)	0.00448 (0.0051)	0.00442 (0.0051)	0.00437 (0.0051)	0.00442 (0.0051)
Years since Loan Origination	-0.244*** (0.0529)	-0.251*** (0.0535)	-0.252*** (0.0522)	-0.248*** (0.0534)	-0.249*** (0.0534)	-0.248*** (0.0534)	-0.248*** (0.0534)	-0.248*** (0.0534)
Loan Years to Maturity	0.118*** (0.0095)	0.118*** (0.0098)	0.122*** (0.0097)	0.119*** (0.0098)	0.119*** (0.0098)	0.119*** (0.0098)	0.119*** (0.0098)	0.119*** (0.0098)
Current Balance	-0.00217 (0.0013)	0.00121 (0.0011)	-0.00152 (0.0012)	0.000720 (0.0011)	0.000697 (0.0011)	0.000808 (0.0011)	0.000689 (0.0011)	0.000762 (0.0011)
Securitized Loan Ratio	-0.335*** (0.0732)	-0.300*** (0.0721)	-0.333*** (0.0724)	-0.310*** (0.0727)	-0.310*** (0.0727)	-0.310*** (0.0728)	-0.310*** (0.0728)	-0.310*** (0.0728)
Pool Time	-0.0218*** (0.0021)	-0.0229*** (0.0022)	-0.0221*** (0.0022)	-0.0227*** (0.0022)	-0.0227*** (0.0022)	-0.0227*** (0.0022)	-0.0227*** (0.0022)	-0.0227*** (0.0022)
Lending Relationship	-0.0133*** (0.0026)	-0.00663*** (0.0022)	-0.0113*** (0.0024)	-0.00681*** (0.0023)	-0.00683*** (0.0023)	-0.00686*** (0.0023)	-0.00687*** (0.0023)	-0.00688*** (0.0023)
Loan Uniqueness	-0.00124 (0.0028)	-0.00291 (0.0027)	-0.00150 (0.0027)	-0.00312 (0.0028)	-0.00306 (0.0028)	-0.00297 (0.0028)	-0.00298 (0.0028)	-0.00297 (0.0028)
FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,127,180	9,186,606	9,127,180	9,127,180	9,127,180	9,127,180	9,127,180	9,127,180
Adj. R^2	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

This table reports the control variables for Table 8 in the main body of the paper. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction of the sequential PD and the ex post loan performance measure. Variables are described in Table 1 in the main body of the paper. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction of reporting quarter and ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.30: Controls for bank intention analysis: Reputation analysis

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Loan Quality & Interactions	1.400*** (0.1256)	-0.0642 (0.0557)	1.664*** (0.1421)	0.623*** (0.0980)	0.0578*** (0.0103)	0.0993*** (0.0296)	0.0142*** (0.0040)	0.0920*** (0.0188)
Loan Quality & Interactions x Reputation	-0.609*** (0.1938)	0.0866 (0.0556)	-0.597*** (0.1960)	-0.374*** (0.1123)	-0.0365*** (0.0112)	0.0850 (0.0687)	0.00671 (0.0073)	-0.0311 (0.0247)
Interest Rate	-0.0310*** (0.0021)	-0.0248*** (0.0017)	-0.0281*** (0.0018)	-0.0250*** (0.0018)	-0.0250*** (0.0018)	-0.0250*** (0.0018)	-0.0250*** (0.0018)	-0.0252*** (0.0018)
Collateralization	0.00386 (0.0050)	0.00311 (0.0052)	0.00604 (0.0051)	0.00428 (0.0051)	0.00417 (0.0051)	0.00399 (0.0051)	0.00397 (0.0051)	0.00400 (0.0051)
Years since Loan Origination	-0.274*** (0.0526)	-0.251*** (0.0533)	-0.263*** (0.0531)	-0.253*** (0.0534)	-0.253*** (0.0534)	-0.252*** (0.0535)	-0.252*** (0.0534)	-0.253*** (0.0534)
Loan Years to Maturity	0.126*** (0.0098)	0.117*** (0.0098)	0.123*** (0.0098)	0.118*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)
Current Balance	-0.00451*** (0.0014)	0.00136 (0.0011)	-0.00132 (0.0011)	0.000655 (0.0011)	0.000749 (0.0011)	0.000921 (0.0011)	0.000839 (0.0011)	0.000768 (0.0011)
Securitized Loan Ratio	-0.333*** (0.0712)	-0.297*** (0.0721)	-0.319*** (0.0717)	-0.302*** (0.0721)	-0.302*** (0.0721)	-0.301*** (0.0721)	-0.301*** (0.0721)	-0.302*** (0.0721)
Pool Time	-0.0221*** (0.0022)	-0.0230*** (0.0022)	-0.0225*** (0.0022)	-0.0228*** (0.0022)	-0.0228*** (0.0022)	-0.0229*** (0.0022)	-0.0229*** (0.0022)	-0.0228*** (0.0022)
Lending Relationship	-0.00951*** (0.0023)	-0.00633*** (0.0022)	-0.00784*** (0.0023)	-0.00675*** (0.0023)	-0.00677*** (0.0023)	-0.00665*** (0.0023)	-0.00666*** (0.0023)	-0.00669*** (0.0023)
Loan Uniqueness	-0.00356 (0.0026)	-0.00322 (0.0027)	-0.00314 (0.0027)	-0.00290 (0.0027)	-0.00284 (0.0027)	-0.00291 (0.0027)	-0.00291 (0.0027)	-0.00288 (0.0027)
FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.70	0.70	0.70	0.70	0.70	0.70	0.70	00.70

This table reports the control variables for Tables 9 and 10 in the main body of the paper. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the *PD* and the ex post loan performance measure. "Loan Quality & Interactions x Reputation" includes the respective interaction between "Loan Quality & Interactions" and *Reputation*. *Reputation* is an indicator variable equal to one for a loan if respective originating bank has issued more than one securitization, and zero otherwise. The single coefficient for the variable *Reputation* is included in the reporting quarter x ABS portfolio FE. Variables are described in Table 1 in the main body of the paper. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.31: Controls for bank intention analysis: Transparency analysis

	Inc. Loan (1)	Inc. Loan (2)	Inc. Loan (3)	Inc. Loan (4)	Inc. Loan (5)	Inc. Loan (6)	Inc. Loan (7)	Inc. Loan (8)
Loan Quality & Interactions	1.237*** (0.1126)	0.0839*** (0.0238)	1.799*** (0.1307)	0.566*** (0.0719)	0.0505*** (0.0068)	0.140*** (0.0342)	0.0192*** (0.0043)	0.104*** (0.0151)
Loan Quality & Interactions x Transparent Loan	-2.822*** (0.2737)	-0.301*** (0.0458)	-3.515*** (0.4154)	-1.059*** (0.1695)	-0.102*** (0.0148)	-1.474*** (0.2318)	-0.168*** (0.0240)	-0.418*** (0.0530)
Transparent Loan	0.292*** (0.0267)	0.334*** (0.0302)	0.271*** (0.0260)	0.253*** (0.0260)	0.253*** (0.0260)	0.256*** (0.0261)	0.255*** (0.0261)	0.255*** (0.0260)
Interest Rate	-0.0252*** (0.0020)	-0.0220*** (0.0017)	-0.0243*** (0.0017)	-0.0227*** (0.0017)	-0.0227*** (0.0017)	-0.0218*** (0.0017)	-0.0220*** (0.0017)	-0.0225*** (0.0017)
Collateralization	0.00285 (0.0042)	0.00205 (0.0044)	0.00585 (0.0044)	0.00381 (0.0046)	0.00370 (0.0046)	0.00349 (0.0046)	0.00348 (0.0046)	0.00348 (0.0046)
Years since Loan Origination	-0.177*** (0.0485)	-0.158*** (0.0486)	-0.170*** (0.0491)	-0.161*** (0.0502)	-0.160*** (0.0502)	-0.158*** (0.0502)	-0.159*** (0.0502)	-0.160*** (0.0502)
Loan Years to Maturity	0.117*** (0.0097)	0.114*** (0.0095)	0.117*** (0.0096)	0.114*** (0.0096)	0.113*** (0.0096)	0.112*** (0.0096)	0.113*** (0.0096)	0.113*** (0.0096)
Current Balance	-0.00255** (0.0012)	0.00152 (0.0010)	-0.000471 (0.0010)	0.00117 (0.0010)	0.00127 (0.0010)	0.00177* (0.0009)	0.00170* (0.0009)	0.00141 (0.0010)
Securitized Loan Ratio	-0.330*** (0.0702)	-0.308*** (0.0700)	-0.323*** (0.0703)	-0.308*** (0.0710)	-0.308*** (0.0710)	-0.305*** (0.0711)	-0.305*** (0.0711)	-0.307*** (0.0710)
Pool Time	-0.0203*** (0.0021)	-0.0210*** (0.0021)	-0.0207*** (0.0021)	-0.0211*** (0.0021)	-0.0211*** (0.0021)	-0.0212*** (0.0021)	-0.0212*** (0.0021)	-0.0212*** (0.0021)
Lending Relationship	-0.00909*** (0.0022)	-0.00708*** (0.0021)	-0.00776*** (0.0021)	-0.00723*** (0.0021)	-0.00724*** (0.0021)	-0.00718*** (0.0022)	-0.00717*** (0.0022)	-0.00719*** (0.0022)
Loan Uniqueness	-0.000642 (0.0023)	-0.00117 (0.0022)	-0.000611 (0.0023)	-0.00145 (0.0024)	-0.00141 (0.0024)	-0.00136 (0.0025)	-0.00138 (0.0025)	-0.00137 (0.0024)
FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.72	0.71	0.71	0.72	0.71	0.71	0.71	0.71

This table reports the control variables for Tables 11 and 12 in the main body of the paper. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the *PD* and the ex post loan performance measure. "Loan Quality & Interactions x Transparent Loan" includes the respective interaction between "Loan Quality & Interactions" and *Transparent Loan*. *Transparent Loan* is an indicator variable equal to one for loans that are originated after the bank adopted the requirements of the ECB's ABS loan-level reporting initiative, and zero otherwise (Ertan et al., 2017). Variables are described in Table 1 in the main body of the paper. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.32: Controls for bank intention analysis: Combined reputation and transparency analysis

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Loan Quality & Interactions	1.175***	0.0346	1.670***	0.550***	0.0488***	0.135***	0.0184***	0.0997***
	(0.1080)	(0.0231)	(0.1257)	(0.0699)	(0.0066)	(0.0327)	(0.0041)	(0.0143)
Loan Quality & Interactions x Reputation x Transparent Loan	-3.461***	-0.120**	-9.477***	-1.405***	-0.142***	-1.658***	-0.216***	-0.496***
	(0.4620)	(0.0466)	(1.0003)	(0.3121)	(0.0280)	(0.2875)	(0.0309)	(0.0727)
Transparent Loan	0.289***	0.271***	0.279***	0.252***	0.252***	0.256***	0.255***	0.254***
	(0.0272)	(0.0299)	(0.0264)	(0.0260)	(0.0260)	(0.0261)	(0.0261)	(0.0260)
Interest Rate	-0.0256***	-0.0225***	-0.0233***	-0.0228***	-0.0227***	-0.0219***	-0.0220***	-0.0225***
	(0.0020)	(0.0017)	(0.0017)	(0.0017)	(0.0017)	(0.0017)	(0.0017)	(0.0017)
Collateralization	0.000998	0.00390	0.00280	0.00382	0.00371	0.00341	0.00340	0.00345
	(0.0043)	(0.0045)	(0.0043)	(0.0046)	(0.0046)	(0.0046)	(0.0046)	(0.0046)
Years since Loan Origination	-0.177***	-0.158***	-0.170***	-0.161***	-0.160***	-0.158***	-0.159***	-0.160***
	(0.0485)	(0.0486)	(0.0491)	(0.0502)	(0.0502)	(0.0502)	(0.0502)	(0.0502)
Loan Years to Maturity	0.117***	0.113***	0.114***	0.114***	0.113***	0.112***	0.113***	0.113***
	(0.0098)	(0.0097)	(0.0098)	(0.0096)	(0.0096)	(0.0096)	(0.0096)	(0.0096)
Current Balance	-0.00255**	0.00153	-0.000467	0.00118	0.00127	0.00177*	0.00170*	0.00141
	(0.0012)	(0.0010)	(0.0010)	(0.0010)	(0.0010)	(0.0009)	(0.0009)	(0.0010)
Securitized Loan Ratio	-0.325***	-0.302***	-0.314***	-0.308***	-0.308***	-0.305***	-0.305***	-0.307***
	(0.0710)	(0.0714)	(0.0709)	(0.0710)	(0.0710)	(0.0711)	(0.0710)	(0.0710)
Pool Time	-0.0202***	-0.0212***	-0.0205***	-0.0211***	-0.0211***	-0.0212***	-0.0212***	-0.0211***
	(0.0020)	(0.0021)	(0.0021)	(0.0021)	(0.0021)	(0.0021)	(0.0021)	(0.0021)
Lending Relationship	-0.00950***	-0.00703***	-0.00821***	-0.00725***	-0.00726***	-0.00722***	-0.00722***	-0.00724***
	(0.0022)	(0.0021)	(0.0022)	(0.0021)	(0.0021)	(0.0022)	(0.0022)	(0.0022)
Loan Uniqueness	-0.00155	-0.00183	-0.00122	-0.00146	-0.00142	-0.00138	-0.00139	-0.00140
	(0.0024)	(0.0023)	(0.0024)	(0.0024)	(0.0024)	(0.0025)	(0.0025)	(0.0024)
FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71

This table reports the control variables for Tables 13 and 14 in the main body of the paper. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the *PD* and the ex post loan performance measure. "Loan Quality & Interactions x Reputation x Transparent Loan" includes the respective interaction between "Loan Quality & Interactions", *Reputation*, and *Transparent Loan*. *Reputation* is an indicator variable equal to one for a loan if respective originating bank has issued more than one securitization, and zero otherwise. *Transparent Loan* is an indicator variable equal to one for loans that are originated after the bank adopted the requirements of the ECB's ABS loan-level reporting initiative, and zero otherwise (Ertan et al., 2017). The single coefficient for the variable *Reputation* is included in the reporting quarter x ABS portfolio FE. Variables are described in Table 1 in the main body of the paper. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.33: Controls for bank intention analysis (Robustness: Excluding Belgian loan observations)

	Inc. Loan (1)	Inc. Loan (2)	Inc. Loan (3)	Inc. Loan (4)	Inc. Loan (5)	Inc. Loan (6)	Inc. Loan (7)	Inc. Loan (8)
Loan Quality & Interactions	0.421*** (0.0837)	-0.0231*** (0.0062)	0.772*** (0.1174)	0.206*** (0.0412)	0.0173*** (0.0040)	0.0223** (0.0096)	0.00333** (0.0013)	0.0200*** (0.0070)
Interest Rate	-0.00515*** (0.0011)	-0.00137 (0.0011)	-0.00434*** (0.0010)	-0.00183 (0.0011)	-0.00176 (0.0011)	-0.00161 (0.0011)	-0.00163 (0.0011)	-0.00175 (0.0011)
Collateralization	0.00780* (0.0046)	0.00681 (0.0047)	0.0110** (0.0047)	0.00881* (0.0047)	0.00868* (0.0047)	0.00871* (0.0047)	0.00868* (0.0047)	0.00865* (0.0047)
Years since Loan Origination	-0.217*** (0.0503)	-0.204*** (0.0500)	-0.215*** (0.0497)	-0.206*** (0.0500)	-0.206*** (0.0500)	-0.206*** (0.0501)	-0.206*** (0.0501)	-0.206*** (0.0501)
Loan Years to Maturity	0.0489*** (0.0054)	0.0439*** (0.0055)	0.0487*** (0.0053)	0.0449*** (0.0055)	0.0449*** (0.0055)	0.0446*** (0.0055)	0.0446*** (0.0055)	0.0447*** (0.0055)
Current Balance	-0.00321** (0.0014)	-0.000512 (0.0011)	-0.00225* (0.0012)	-0.000795 (0.0011)	-0.000735 (0.0011)	-0.000542 (0.0011)	-0.000577 (0.0011)	-0.000632 (0.0011)
Securitized Loan Ratio	0.00507 (0.0312)	0.0252 (0.0323)	0.00712 (0.0309)	0.0232 (0.0321)	0.0234 (0.0321)	0.0245 (0.0323)	0.0244 (0.0322)	0.0239 (0.0322)
Pool Time	-0.0262*** (0.0040)	-0.0264*** (0.0040)	-0.0263*** (0.0040)	-0.0264*** (0.0040)	-0.0264*** (0.0040)	-0.0264*** (0.0040)	-0.0264*** (0.0040)	-0.0264*** (0.0040)
Lending Relationship	0.00135 (0.0023)	0.00285 (0.0022)	0.00200 (0.0022)	0.00284 (0.0022)	0.00284 (0.0022)	0.00290 (0.0022)	0.00290 (0.0022)	0.00289 (0.0022)
Loan Uniqueness	0.00898*** (0.0013)	0.00985*** (0.0015)	0.00917*** (0.0014)	0.00989*** (0.0015)	0.00993*** (0.0015)	0.00995*** (0.0015)	0.00994*** (0.0015)	0.00993*** (0.0015)
FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	4,489,325	4,492,533	4,489,325	4,489,325	4,489,325	4,489,325	4,489,325	4,489,325
Adj. R^2	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79

This table reports the control variables for Table A.13 in the online appendix. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the PD and the ex post loan performance measure. Variables are described in Table 1 in the main body of the paper. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.34: Controls for bank intention analysis (Robustness: Varying loan term measures)

	Inc. Loan (1)	Inc. Loan (2)	Inc. Loan (3)	Inc. Loan (4)	Inc. Loan (5)	Inc. Loan (6)	Inc. Loan (7)	Inc. Loan (8)
Loan Quality & Interactions	0.924*** (0.1111)	-0.00455 (0.0185)	1.325*** (0.1376)	0.419*** (0.0634)	0.0361*** (0.0060)	0.0924*** (0.0248)	0.0125*** (0.0031)	0.0704*** (0.0125)
Interest Rate	-0.0318*** (0.0020)	-0.0259*** (0.0017)	-0.0294*** (0.0017)	-0.0263*** (0.0017)	-0.0263*** (0.0017)	-0.0262*** (0.0017)	-0.0262*** (0.0017)	-0.0265*** (0.0017)
Collateralization	0.00650 (0.0050)	0.00647 (0.0050)	0.00862* (0.0051)	0.00685 (0.0051)	0.00676 (0.0051)	0.00673 (0.0051)	0.00671 (0.0051)	0.00665 (0.0051)
Years since Loan Origination	-0.0714*** (0.0189)	-0.0631*** (0.0189)	-0.0669*** (0.0188)	-0.0637*** (0.0189)	-0.0636*** (0.0189)	-0.0635*** (0.0189)	-0.0635*** (0.0189)	-0.0637*** (0.0189)
Years since Loan Origination^2	0.00389*** (0.0011)	0.00350*** (0.0011)	0.00369*** (0.0011)	0.00352*** (0.0011)	0.00352*** (0.0011)	0.00351*** (0.0011)	0.00352*** (0.0011)	0.00352*** (0.0011)
Loan Years to Maturity	0.0530*** (0.0041)	0.0504*** (0.0041)	0.0522*** (0.0041)	0.0507*** (0.0041)	0.0507*** (0.0041)	0.0505*** (0.0041)	0.0506*** (0.0041)	0.0506*** (0.0041)
Loan Years to Maturity^2	-0.00212*** (0.0002)	-0.00203*** (0.0002)	-0.00209*** (0.0002)	-0.00205*** (0.0002)	-0.00205*** (0.0002)	-0.00204*** (0.0002)	-0.00204*** (0.0002)	-0.00204*** (0.0002)
Current Balance	-0.000758 (0.0014)	0.00420*** (0.0012)	0.00183 (0.0012)	0.00376*** (0.0012)	0.00383*** (0.0012)	0.00405*** (0.0012)	0.00397*** (0.0012)	0.00384*** (0.0012)
Securitized Loan Ratio	-0.292*** (0.0748)	-0.264*** (0.0747)	-0.280*** (0.0747)	-0.266*** (0.0747)	-0.266*** (0.0747)	-0.265*** (0.0747)	-0.265*** (0.0747)	-0.266*** (0.0747)
Pool Time	-0.0226*** (0.0022)	-0.0233*** (0.0022)	-0.0229*** (0.0022)	-0.0233*** (0.0022)	-0.0233*** (0.0022)	-0.0233*** (0.0022)	-0.0233*** (0.0022)	-0.0233*** (0.0022)
Lending Relationship	-0.00704*** (0.0024)	-0.00469** (0.0023)	-0.00566** (0.0023)	-0.00469** (0.0023)	-0.00470** (0.0023)	-0.00464** (0.0023)	-0.00465** (0.0023)	-0.00465** (0.0023)
Loan Uniqueness	-0.00320 (0.0027)	-0.00257 (0.0027)	-0.00280 (0.0027)	-0.00256 (0.0027)	-0.00252 (0.0027)	-0.00256 (0.0027)	-0.00256 (0.0027)	-0.00254 (0.0027)
FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,349	9,186,647	9,183,349	9,183,349	9,183,349	9,183,349	9,183,349	9,183,349
Adj. R^2	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69

This table reports the control variables for Table A.16 in the online appendix. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the PD and the ex post loan performance measure. Variables are described in Table 1 in the main body of the paper. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.35: Controls for bank intention analysis (Robustness: Controlling for country-specific monitoring)

	Inc. Loan (1)	Inc. Loan (2)	Inc. Loan (3)	Inc. Loan (4)	Inc. Loan (5)	Inc. Loan (6)	Inc. Loan (7)	Inc. Loan (8)
Loan Quality & Interactions	1.163*** (0.1116)	0.000621 (0.0181)	1.525*** (0.1363)	0.502*** (0.0694)	0.0437*** (0.0066)	0.109*** (0.0280)	0.0152*** (0.0036)	0.0832*** (0.0137)
Private Monitoring	-0.0522*** (0.0068)	-0.0567*** (0.0067)	-0.0532*** (0.0067)	-0.0557*** (0.0068)	-0.0558*** (0.0068)	-0.0564*** (0.0067)	-0.0562*** (0.0067)	-0.0559*** (0.0067)
Interest Rate	-0.0319*** (0.0021)	-0.0246*** (0.0018)	-0.0285*** (0.0018)	-0.0251*** (0.0018)	-0.0250*** (0.0018)	-0.0249*** (0.0018)	-0.0249*** (0.0018)	-0.0252*** (0.0018)
Collateralization	0.00382 (0.0050)	0.00424 (0.0051)	0.00634 (0.0051)	0.00416 (0.0051)	0.00406 (0.0051)	0.00405 (0.0051)	0.00401 (0.0051)	0.00393 (0.0051)
Years since Loan Origination	-0.278*** (0.0529)	-0.251*** (0.0535)	-0.264*** (0.0531)	-0.253*** (0.0534)	-0.253*** (0.0534)	-0.252*** (0.0534)	-0.252*** (0.0534)	-0.253*** (0.0534)
Loan Years to Maturity	0.127*** (0.0098)	0.118*** (0.0098)	0.124*** (0.0098)	0.119*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)
Current Balance	-0.00538*** (0.0013)	0.00121 (0.0011)	-0.00171 (0.0011)	0.000615 (0.0011)	0.000703 (0.0011)	0.000989 (0.0011)	0.000889 (0.0011)	0.000724 (0.0011)
Securitized Loan Ratio	-0.336*** (0.0716)	-0.300*** (0.0721)	-0.319*** (0.0718)	-0.302*** (0.0721)	-0.302*** (0.0721)	-0.301*** (0.0721)	-0.301*** (0.0721)	-0.302*** (0.0721)
Pool Time	-0.0221*** (0.0022)	-0.0229*** (0.0022)	-0.0225*** (0.0022)	-0.0228*** (0.0022)	-0.0228*** (0.0022)	-0.0229*** (0.0022)	-0.0229*** (0.0022)	-0.0228*** (0.0022)
Lending Relationship	-0.00975*** (0.0024)	-0.00664*** (0.0022)	-0.00787*** (0.0023)	-0.00673*** (0.0023)	-0.00674*** (0.0023)	-0.00667*** (0.0023)	-0.00668*** (0.0023)	-0.00667*** (0.0023)
Loan Uniqueness	-0.00370 (0.0026)	-0.00291 (0.0027)	-0.00319 (0.0027)	-0.00291 (0.0027)	-0.00287 (0.0027)	-0.00291 (0.0027)	-0.00291 (0.0027)	-0.00289 (0.0027)
FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

This table reports the control variables for Table A.18 in the online appendix. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the PD and the ex post loan performance measure. Additionally, we control for *Private Monitoring* obtained from Barth et al. (2013). Variables are described in Table 1 in the main body of the paper. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.36: Controls for bank intention analysis (Robustness: Applying country FE)

	Inc. Loan (1)	Inc. Loan (2)	Inc. Loan (3)	Inc. Loan (4)	Inc. Loan (5)	Inc. Loan (6)	Inc. Loan (7)	Inc. Loan (8)
Loan Quality & Interactions	1.163*** (0.1116)	0.0613 (0.0181)	1.525*** (0.0014)	0.502*** (0.0007)	0.0437*** (0.0001)	0.109*** (0.0003)	0.0152*** (0.0000)	0.0832*** (0.0001)
Interest Rate	-0.0319*** (0.0021)	-0.0246*** (0.0018)	-0.0285*** (0.0018)	-0.0251*** (0.0018)	-0.0250*** (0.0018)	-0.0249*** (0.0018)	-0.0249*** (0.0018)	-0.0252*** (0.0018)
Collateralization	0.00383 (0.0050)	0.00425 (0.0051)	0.00634 (0.0051)	0.00417 (0.0051)	0.00406 (0.0051)	0.00405 (0.0051)	0.00402 (0.0051)	0.00394 (0.0051)
Years since Loan Origination	-0.278*** (0.0529)	-0.251*** (0.0535)	-0.264*** (0.0531)	-0.253*** (0.0534)	-0.253*** (0.0534)	-0.252*** (0.0534)	-0.252*** (0.0534)	-0.253*** (0.0534)
Loan Years to Maturity	0.127*** (0.0098)	0.118*** (0.0098)	0.124*** (0.0098)	0.119*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)
Current Balance	-0.00538*** (0.0013)	0.00121 (0.0011)	-0.00172 (0.0011)	0.000612 (0.0011)	0.000700 (0.0011)	0.000986 (0.0011)	0.000886 (0.0011)	0.000721 (0.0011)
Securitized Loan Ratio	-0.336*** (0.0716)	-0.300*** (0.0721)	-0.319*** (0.0718)	-0.302*** (0.0721)	-0.302*** (0.0721)	-0.301*** (0.0721)	-0.301*** (0.0721)	-0.302*** (0.0721)
Pool Time	-0.0221*** (0.0022)	-0.0229*** (0.0022)	-0.0225*** (0.0022)	-0.0228*** (0.0022)	-0.0228*** (0.0022)	-0.0229*** (0.0022)	-0.0229*** (0.0022)	-0.0229*** (0.0022)
Lending Relationship	-0.00975*** (0.0024)	-0.00664*** (0.0022)	-0.00787*** (0.0023)	-0.00673*** (0.0023)	-0.00674*** (0.0023)	-0.00667*** (0.0023)	-0.00668*** (0.0023)	-0.00667*** (0.0023)
Loan Uniqueness	-0.00369 (0.0026)	-0.00291 (0.0027)	-0.00318 (0.0027)	-0.00291 (0.0027)	-0.00286 (0.0027)	-0.00291 (0.0027)	-0.00291 (0.0027)	-0.00289 (0.0027)
Country FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Further FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

This table reports the control variables for Table A.20 in the online appendix. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the PD and the ex post loan performance measure. Variables are described in Table 1 in the main body of the paper. Further FE include country, reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.37: Controls for bank intention analysis (Robustness: Controlling for originator characteristics)

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Loan Quality & Interactions	1.100***	0.0105	1.415***	0.549***	0.0510***	0.0959***	0.0138***	0.0853***
	(0.1088)	(0.0185)	(0.1185)	(0.0654)	(0.0062)	(0.0260)	(0.0035)	(0.0142)
NPL Ratio	-0.0174	0.0147	-0.0333	0.0231	0.0228	0.0165	0.0139	0.0136
	(0.1353)	(0.1381)	(0.1355)	(0.1384)	(0.1383)	(0.1378)	(0.1374)	(0.1377)
Equity Ratio	0.869*	0.934**	0.931**	0.939**	0.937**	0.933**	0.929**	0.951**
	(0.4429)	(0.4425)	(0.4393)	(0.4430)	(0.4428)	(0.4423)	(0.4422)	(0.4421)
Total Assets	0.0350***	0.0346***	0.0364***	0.0344***	0.0344***	0.0344***	0.0344***	0.0344***
	(0.0115)	(0.0115)	(0.0114)	(0.0115)	(0.0115)	(0.0115)	(0.0115)	(0.0115)
Loan Growth	-0.0210	-0.0171	-0.0159	-0.0178	-0.0178	-0.0187	-0.0189	-0.0177
	(0.0251)	(0.0255)	(0.0256)	(0.0253)	(0.0253)	(0.0253)	(0.0252)	(0.0251)
CIR	0.204***	0.195***	0.203***	0.194***	0.194***	0.195***	0.196***	0.195***
	(0.0524)	(0.0525)	(0.0514)	(0.0526)	(0.0525)	(0.0524)	(0.0523)	(0.0524)
RoE	-0.121**	-0.122**	-0.126**	-0.122**	-0.122**	-0.121**	-0.121**	-0.122**
	(0.0606)	(0.0618)	(0.0606)	(0.0620)	(0.0619)	(0.0615)	(0.0613)	(0.0615)
Liquid Asset Ratio	0.455**	0.432**	0.447**	0.431**	0.430**	0.437**	0.439**	0.436**
	(0.1886)	(0.1897)	(0.1835)	(0.1903)	(0.1901)	(0.1898)	(0.1896)	(0.1896)
Loan Ratio	0.384*	0.368	0.374*	0.368	0.368	0.373	0.376*	0.374*
	(0.2263)	(0.2269)	(0.2215)	(0.2275)	(0.2272)	(0.2269)	(0.2268)	(0.2267)
FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Loan & borrower controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	7,872,517	7,875,796	7,872,517	7,872,517	7,872,517	7,872,517	7,872,517	7,872,517
Adj. R^2	0.73	0.72	0.73	0.72	0.72	0.72	0.72	0.72

This table reports the control variables for Table A.22 in the online appendix. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the PD and the ex post loan performance measure. Variables are described in Table 1 in the main body of the paper. *NPL Ratio* is the ratio of non-performing loans volume to gross loans volume, *Equity Ratio* is the ratio of equity to total assets, *Bank Size* is the natural logarithm of total assets, *Loan Growth* is the loan growth compared to the previous year, *CIR* is the cost-income ratio, *RoE* is the return on equity, *Liquidity* is the ratio of liquid assets to deposits and short-term funding, and *Loan Ratio* is the sum of net loans divided by total assets. FE include reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.

Table A.38: Controls for bank intention analysis (Robustness: Applying originator FE)

	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan	Inc. Loan
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Loan Quality & Interactions	1.163*** (0.1116)	0.000621 (0.0181)	1.525*** (0.1363)	0.502*** (0.0694)	0.0437*** (0.0066)	0.109*** (0.0280)	0.0152*** (0.0036)	0.0832*** (0.0137)
Interest Rate	-0.0319*** (0.0021)	-0.0246*** (0.0018)	-0.0285*** (0.0018)	-0.0251*** (0.0018)	-0.0250*** (0.0018)	-0.0249*** (0.0018)	-0.0249*** (0.0018)	-0.0252*** (0.0018)
Collateralization	0.00383 (0.0050)	0.00425 (0.0051)	0.00634 (0.0051)	0.00417 (0.0051)	0.00406 (0.0051)	0.00405 (0.0051)	0.00402 (0.0051)	0.00394 (0.0051)
Years since Loan Origination	-0.278*** (0.0529)	-0.251*** (0.0535)	-0.264*** (0.0531)	-0.253*** (0.0534)	-0.253*** (0.0534)	-0.252*** (0.0534)	-0.252*** (0.0534)	-0.253*** (0.0534)
Loan Years to Maturity	0.127*** (0.0098)	0.118*** (0.0098)	0.124*** (0.0098)	0.119*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)	0.118*** (0.0097)
Current Balance	-0.00538*** (0.0013)	0.00121 (0.0011)	-0.00172 (0.0011)	0.000612 (0.0011)	0.000700 (0.0011)	0.000986 (0.0011)	0.000886 (0.0011)	0.000721 (0.0011)
Securitized Loan Ratio	-0.336*** (0.0716)	-0.300*** (0.0721)	-0.319*** (0.0718)	-0.302*** (0.0721)	-0.302*** (0.0721)	-0.301*** (0.0721)	-0.301*** (0.0721)	-0.302*** (0.0721)
Pool Time	-0.0221*** (0.0022)	-0.0229*** (0.0022)	-0.0225*** (0.0022)	-0.0228*** (0.0022)	-0.0228*** (0.0022)	-0.0229*** (0.0022)	-0.0229*** (0.0022)	-0.0228*** (0.0022)
Lending Relationship	-0.00974*** (0.0024)	-0.00663*** (0.0022)	-0.00787*** (0.0023)	-0.00672*** (0.0023)	-0.00673*** (0.0023)	-0.00666*** (0.0023)	-0.00667*** (0.0023)	-0.00667*** (0.0023)
Loan Uniqueness	-0.00369 (0.0026)	-0.00291 (0.0027)	-0.00318 (0.0027)	-0.00291 (0.0027)	-0.00286 (0.0027)	-0.00291 (0.0027)	-0.00291 (0.0027)	-0.00289 (0.0027)
Originator FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Further FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	9,183,327	9,186,606	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327	9,183,327
Adj. R^2	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

This table reports the control variables for Table A.24 in the online appendix. "Loan Quality & Interactions" includes the respective loan quality measure or the interaction between the PD and the ex post loan performance measure. Variables are described in Table 1 in the main body of the paper. Further FE include originator, reporting quarter x ABS portfolio FE, loan origination year FE, industry FE, loan type FE, and borrower type FE. Robust standard errors that are clustered with respect to the interaction between the reporting quarter and the ABS portfolio are in parentheses. *, **, and *** denote significance at the 10%, 5%, and 1% levels.