Securities Fraud Class Actions and Corporate Governance: New Evidence on the Role of Merit

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- to investigate whether private securities litigation in the US acts to discipline corporate directors and improve corporate governance
- to investigate whether private securities lawsuits *with merit* discipline the perpetrators of securities fraud

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- Public enforcement efforts are carried out by the Securities and Exchange Commission (SEC) and Department of Justice (DOJ).
- Private enforcement involves lawsuits brought by private investors who believe they have been harmed by violations of the relevant statutes.
- There is ongoing interest in evaluating the efficacy of litigation to enforce securities laws, both public and private.
- Our research focuses on private actions and how their effects on corporate boards’ turnover are related to the merit of the actions.
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Ferris, Jandik, Lawless and Makhija (JFQA, 2007) find that DS are associated with firms with greater agency conflicts.

They also find that DS are associated with changes in the board in favor of greater outside representation.

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...firm-level penalties—i.e., those paid by shareholders—can be efficient if internal mechanisms work to discipline culpable managers, because firm-level monitoring and control can be less costly than direct monitoring by regulators.” (Karpoff et al., note 3)

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A SFCA claims that the value of shareholders’ investments have been damaged by fraudulent action by the company or its agents. All shareholders comprise a class of parties, which must be certified by the court. This aggregation of claims allows the small individual shareholder to seek redress, and puts pressure on the corporation to address the claim.

More than 99% of SFCAs are either dismissed by the court at some stage or lead to a financial settlement between the plaintiffs and the corporation. Per the quotation above, settlement awards represent transfers between shareholders as the corporate treasury funds the settlement.
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A large share of the award is typically claimed by the legal firms who have initiated the case. In February 2008, the most famous member of the “plaintiff’s bar”, William Lerach of Milberg Weiss, was sentenced to two years in jail and fined for improperly soliciting ‘professional plaintiffs’ who received ‘kickbacks’ from settlement awards. His most famous case involved a $7 billion judgment against Enron.

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A major institutional change in the workings of SFCAs was instigated by the Private Securities Litigation Reform Act of 1995 (PSLRA). This legislation, generally seen as tightening the requirements for a class action suit, was passed in response to concerns that a sizable number of SFCAs were eventually considered frivolous and dismissed. Shareholders cannot claim damages merely because the market value of their shares fell.

Under the PSLRA, plaintiffs must cite specific statements or omissions that are alleged to be misleading, and must provide evidence that defendants willfully sought to deceive investors or were reckless in their statements. Merely alleging negligence (‘bad management’) is insufficient. The court must consider the adequacy of the allegations put forth by plaintiffs to allow the suit to continue.
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Findings from early studies are mixed. Romano (J.LawEcOrg., 1991) suggests that securities litigation may align the interests of shareholders and managers. She considers whether SFCAs and other private lawsuits cause changes in corporate governance. Niehaus and Roth (Fin. Mgt., 1999) also study the pre-PSLRA period, considering inside director and CEO turnover rates. Agrawal, Jaffe and Karpoff (J. Law Ec., 1999) consider turnover and governance changes following the revelation of fraud.
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If SFCAs are effective tools for disciplining managers, their outcomes should be related to the underlying *merit* of the action. Alexander (*Stanf. Law Rev.*, 1991), again using pre-PSLRA data, found that SFCA outcomes were unrelated to the seriousness of the underlying violation. Coffee (*Colum. Law Rev.*, 2006) has argued that the SFCA mechanism does little to sanction wrongdoers.

More recent research (using a post-PSLRA sample) has tried to consider the merit of SFCAs by considering threats to outside directors’ reputation (Helland, *J. Law Ec.*, 2006; Fich and Shivdasani, *JFE*, 2007).
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Our research strategy differs from much of this literature by focusing on a set of firms who have *all* been named as defendants in SFCAs. We are concerned with the effect of the underlying *merit* of the action on corporate governance.

**Research questions:**

- Does merit drive the outcome of securities fraud class actions (SFCAs)?
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To answer these research questions, we construct a joint test. If merit drives the outcome of SFCAs and disciplinary mechanisms are effective, we should detect higher rates of corporate board turnover when an SFCA is settled than when it is dismissed.

Our key intuition: pooling of dismissed and settled lawsuits will dilute the observed disciplinary impact of SFCAs if the likelihood of dismissal is related to lack of merit or seriousness of the allegations. Studies which have ignored this distinction are less likely to find a clear relationship between merit and turnover outcomes.
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Figure: Typical series of events in a SFCA
We analyze a comprehensive dataset of 243 SFCAs filed in the aftermath of the Private Securities Litigation Reform Act (PSLRA) of 1995 in order to evaluate turnover in the corporate board of directors.

- Unlike prior research, we avoid the drawbacks of creating a matched sample to investigate the efficacy of SFCAs.
- Our sample is constructed from lawsuits against most ‘S&P 1500’ firms named as defendants in SFCAs filed between 1996–2002.
- We classify the lawsuits as *Dismissed*, *Settled* or *Ongoing* based on their status as of August 2007.
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- Of the 243 actions, 93 (28%) were dismissed, 123 (51%) were settled and 27 (11%) are classified as ongoing.

- For the settled actions, the average settlement amount was $120 million.

- 22% of all actions and 30% of settled actions involved restatements of financials.

- Cumulative abnormal returns (CARA) computed at the time of filing of the action does not differ significantly between settled and dismissed actions. Thus, identifying ‘high-impact’ suits by focusing on CARA will be misleading. The market does not predict the lawsuit’s outcome.
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- Inside directors include current and former employees, relatives and directors with business dealings with the firm.
- Outside directors include all other board members.
- Of the inside directors, 28.3% serve as CEOs.
- Outside directors were on average 60 years old when the action was filed; inside directors were on average 55 years old.
- 39.0% of outside directors and 50.4% of inside directors depart within four years after they are initially observed.
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Table 4A: Outside director retention rates by SFCA outcome.

<table>
<thead>
<tr>
<th>Year</th>
<th>Dismissed Directors</th>
<th>Dismissed Retention Rate</th>
<th>Settled/Ongoing Directors</th>
<th>Settled/Ongoing Retention Rate</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>607</td>
<td>100.00</td>
<td>931</td>
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<tr>
<td>1</td>
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<td>796</td>
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<tr>
<td>2</td>
<td>461</td>
<td>75.95</td>
<td>681</td>
<td>73.15</td>
<td>0.220</td>
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<td>3</td>
<td>402</td>
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<td>599</td>
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<tr>
<td>4</td>
<td>352</td>
<td>57.99</td>
<td>513</td>
<td>55.10</td>
<td>0.265</td>
</tr>
</tbody>
</table>

Reported p-values of two-sided tests for differences in retention rates between dismissed and settled/ongoing actions.
Table 4B: Inside director retention rates by SFCA outcome.

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Directors</th>
<th>Retention Rate</th>
<th>Number of Directors</th>
<th>Retention Rate</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>325</td>
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<td>517</td>
<td>100.00</td>
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<tr>
<td>1</td>
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<td>84.62</td>
<td>390</td>
<td>75.44</td>
<td>0.001</td>
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<td>2</td>
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<td>67.08</td>
<td>312</td>
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<tr>
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<td>174</td>
<td>53.54</td>
<td>215</td>
<td>41.59</td>
<td>0.001</td>
</tr>
</tbody>
</table>

Reported p-values of two-sided tests for differences in retention rates between dismissed and settled/ongoing actions.
Table 8A: CEO retention rates by SFCA outcome.

<table>
<thead>
<tr>
<th>Year</th>
<th>Dismissed Number</th>
<th>Retention Rate</th>
<th>Settled/Ongoing Number</th>
<th>Retention Rate</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>90</td>
<td>100.00</td>
<td>148</td>
<td>100.00</td>
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</tr>
<tr>
<td>1</td>
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<td>53.33</td>
<td>58</td>
<td>39.19</td>
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Reported p-values of two-sided tests for differences in retention rates between dismissed and settled/ongoing actions.

In our analysis below, we study the overall (T=0->T=4) survival rate. In follow-on work, we consider year-to-year survival rates.
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<table>
<thead>
<tr>
<th>Year</th>
<th>Dismissed Number</th>
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<th>Settled/Ongoing Number</th>
<th>Retention Rate</th>
<th>p-value</th>
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Empirical methodology

We observe the board at T=0 (prior to SFCA filing) and at T=1, 2, 3, 4. We estimate

\[ Pr[depart] = \Phi(SFCAOutcome, Alleg, CARA, Size, Age, Tenure, controls) + \epsilon \]

where \( Pr[depart] \) is the probability that a director seated at T=0 will no longer be seated at T=4. All models are estimated with binomial probit with cluster-robust standard errors.

\textit{controls} include whether an inside director is CEO, whether an outside director is a member of the audit committee, whether a director is personally named in the SFCA and their voting share.
Table 5: Outside director turnover: key marginal effects.

<table>
<thead>
<tr>
<th>Variable</th>
<th>[1]</th>
<th>[2]</th>
<th>[3]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suit Settled/Ongoing+</td>
<td>0.008</td>
<td>0.009</td>
<td>0.002</td>
</tr>
<tr>
<td></td>
<td>(0.025)</td>
<td>(0.025)</td>
<td>(0.030)</td>
</tr>
<tr>
<td>Restatement of financials (0/1) +</td>
<td>0.082</td>
<td>0.082</td>
<td>0.082</td>
</tr>
<tr>
<td></td>
<td>(0.032)***</td>
<td>(0.032)***</td>
<td>(0.032)***</td>
</tr>
<tr>
<td>Voting Share (%)</td>
<td>0.001</td>
<td>0.001</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td>(0.008)</td>
<td>(0.008)</td>
<td>(0.008)</td>
</tr>
<tr>
<td>Cumulative Abnormal Returns</td>
<td>-0.023</td>
<td>-0.023</td>
<td>-0.023</td>
</tr>
<tr>
<td></td>
<td>(0.017)</td>
<td>(0.017)</td>
<td>(0.017)</td>
</tr>
<tr>
<td>Member Audit Comm. (0/1) +</td>
<td>-0.017</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(0.024)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Settled/Ongoing x Audit Comm. (0/1) +</td>
<td></td>
<td></td>
<td>0.012</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(0.031)</td>
</tr>
</tbody>
</table>

Dependent variable: director’s Pr[depart] between T=0 and T=4.

+: marginal effect for discrete change of dummy variable from 0 to 1.
Table 6: Inside director turnover: key marginal effects.

<table>
<thead>
<tr>
<th>Variable</th>
<th>[1]</th>
<th>[2]</th>
<th>[3]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suit Settled/Ongoing+</td>
<td>0.095</td>
<td>0.101</td>
<td>0.015</td>
</tr>
<tr>
<td></td>
<td>(0.035)***</td>
<td>(0.035)***</td>
<td>(0.042)</td>
</tr>
<tr>
<td>Restatement</td>
<td>0.180</td>
<td>0.177</td>
<td>0.171</td>
</tr>
<tr>
<td>of financials (0/1) +</td>
<td>(0.041)***</td>
<td>(0.041)***</td>
<td>(0.041)***</td>
</tr>
<tr>
<td>Voting Share (%)</td>
<td>-0.005</td>
<td>-0.006</td>
<td>-0.006</td>
</tr>
<tr>
<td></td>
<td>(0.002)***</td>
<td>(0.002)***</td>
<td>(0.002)***</td>
</tr>
<tr>
<td>Cumulative Abnormal Returns</td>
<td>-0.071</td>
<td>-0.069</td>
<td>-0.068</td>
</tr>
<tr>
<td></td>
<td>(0.022)***</td>
<td>(0.022)***</td>
<td>(0.022)***</td>
</tr>
<tr>
<td>Named as Defendant (0/1) +</td>
<td>0.147</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(0.041)***</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Settled/Ongoing x Named Def. (0/1) +</td>
<td></td>
<td></td>
<td>0.172</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(0.046)***</td>
</tr>
</tbody>
</table>

Dependent variable: director’s Pr[depart] between T=0 and T=4.

+: marginal effect for discrete change of dummy variable from 0 to 1.
<table>
<thead>
<tr>
<th>Variable</th>
<th>CEOs</th>
<th>Other</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suit Settled/Ongoing+</td>
<td>0.159</td>
<td>0.092</td>
<td>0.019</td>
</tr>
<tr>
<td></td>
<td>(0.073)**</td>
<td>(0.047)**</td>
<td>(0.050)</td>
</tr>
<tr>
<td>Restatement of financials (0/1) +</td>
<td>0.203</td>
<td>0.219</td>
<td>0.208</td>
</tr>
<tr>
<td></td>
<td>(0.086)**</td>
<td>(0.053)***</td>
<td>(0.053)***</td>
</tr>
<tr>
<td>Other GAAP (0/1) +</td>
<td>0.105</td>
<td>0.122</td>
<td>0.117</td>
</tr>
<tr>
<td></td>
<td>(0.086)</td>
<td>(0.054)**</td>
<td>(0.054)**</td>
</tr>
<tr>
<td>Cumulative Abnormal Returns</td>
<td>-0.046</td>
<td>-0.079</td>
<td>-0.079</td>
</tr>
<tr>
<td></td>
<td>(0.045)</td>
<td>(0.030)***</td>
<td>(0.030)***</td>
</tr>
<tr>
<td>Named as Defendant (0/1) +</td>
<td>0.185</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(0.049)***</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Settled/Ongoing x</td>
<td></td>
<td></td>
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1. No significant relationship is found for outside directors (Table 5).
2. Turnover rates of inside directors following filing of a SFCA are substantially higher when the action is not dismissed by the court.
3. Among insiders, turnover rates for CEOs and directors named as defendants are even more sensitive to outcome of the suit.
4. Turnover rates are significantly higher for named defendants, consistent with the hypothesis of disciplinary action.
5. Pooling SFCAs that are dismissed with those that are not dismissed (as in the prior literature) will dilute the observed impact of the alleged wrongdoing on board turnover.
Key findings

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The nature of the allegations is an important determinant of board turnover. Inside director turnover rates are significantly higher when a restatement is involved.

Some evidence that more concentrated external equity ownership provides greater discipline (Table 10).

We observe greater board independence among firms who have settled SFCAs (insider representation fell by 13.4%, vs. 9.6% for dismissed actions).

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- Our empirical findings are consistent with the hypothesis that SFCAs with greater merit, in terms of their outcome, affect corporate governance.
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