## IN THE UNITED STATES DISTRICT COURT FOR THE MIDDLE DISTRICT OF ALABAMA NORTHERN DIVISION

TREVA THOMPSON, et al.,	)	
Plaintiffs,	)	CIVIL A CITION NO
	)	CIVIL ACTION NO.
v.	)	2:16-cv-783-ECM-WMD
	)	
JOHN MERRILL, in his Official Capacity	)	
as Secretary of State of Alabama, et al.,	)	
	)	
Defendants.		

# PLAINTIFFS' RESPONSE TO STATE DEFENDANTS' OBJECTION TO THE SUPPLEMENTAL EXPERT REPORT OF DANIEL A. SMITH, PH.D.

In advance of Dr. Daniel A. Smith's scheduled deposition, Plaintiffs provided Defendants a supplement to his expert report. See Docs. 245-1, 245-2. The supplemental report corrected two potential inaccuracies in the initial report and clarified that the changes did not affect his opinions as described in the initial report. Compare Doc. 245-2 with Doc. 215-13. Defendants questioned Dr. Smith extensively about the supplemental report at his deposition. See, e.g., Ex. 1 at 34-42, 139-170 (Smith Dep.). Eleven days after they received the supplemental report, eight days after Dr. Smith's deposition, and four days after the close of discovery, Defendants objected to the supplemental report. Doc. 245. Defendants presented no evidence that they were unfairly surprised by the supplemental report and cited no authority suggesting that a brief supplemental expert report filed in advance of an expert's deposition and before the close of discovery is anything but proper. Cf. Reese v. Herbert, 527 F.3d 1253, 1266 (11th Cir. 2008) ("[T]he expert witness discovery rules are designed to allow both sides in a case to prepare their cases adequately and to prevent surprise.") (quoting Cooper v. S. Co., 390 F.3d 695, 728 (11th Cir. 2004), overruled on other grounds by Ash v. Tyson Foods, Inc., 546 U.S. 454, 457-58 (2006)). Instead, Defendants' objection seeks to avoid a proper and timely supplemental report that demonstrates that Defendants' critiques make no difference to

Dr. Smith's analysis. Defendants' objection should be disregarded.1

- 1. On April 17, 2020 Plaintiffs timely provided Defendants with Dr. Daniel A. Smith's extensive expert report pursuant to Fed. R. Civ. P. 26(a)(2). The report described Dr. Smith's qualifications, the data he analyzed to reach his expert opinions, which data had been provided by defense counsel to Plaintiffs' counsel and by Plaintiffs' counsel to him, as well as his methods of preparing that data for analysis, See Doc. 215-13. It described his analysis of financial barriers for people with felony convictions, an analysis of income and poverty in Alabama and their relation to race, an analysis of disqualifying and non-disqualifying felony convictions in Alabama and their relation to race, an analysis of an earlier proposal to restrict voting rights for a more limited class of felonies, an analysis of rates of voter ineligibility due to felony convictions, an analysis of voter registration rates by race before and after the passage of H.B. 282, and an analysis of the incidence of legal financial obligations (LFOs) by race. See id. The results of Dr. Smith's analyses are captured in tables and graphs plotting the incidence of one constant variable and one value of the independent variable against the constant variable and another value of the independent variable by county: for example, plotting income for black households against income for white households by county. See Doc. 215-13 at 15 fig.1.
- 2. On June 15, 2020, Defendant Leigh Gwathney in her opposition to Plaintiffs' Motion for Preliminary Injunction submitted a declaration and analysis purporting to undermine Dr. Smith's analysis of the incidence of LFOs in Section XI of his report. *See* Doc. 222 at 18-23 & Exh. 8. In particular, Chair Gwathney claimed that Dr. Smith had misleadingly aggregated LFOs for disqualifying and non-disqualifying offenses, *see* Doc. 222 at 18-21, and, based on the declaration of Stephen LeVeque, *see* Doc. 222 at Exh. 8, claimed that Dr. Smith had misleadingly aggregated

<sup>1</sup> Defendants have not moved for exclusion at this time and request no relief from this Court, Doc. 245 at 4, n.4, therefore the Court need not take any action on this objection at this time.

LFOs assessed at sentencing and post-sentencing, *see* Doc. 222 at 22-23. Chair Gwathney claimed that these two features of Dr. Smith's analysis of LFOs undermined his analysis entirely.

- 3. When Plaintiffs provided Dr. Smith with Chair Gwathney's criticisms of his analysis and with Stephen LeVeque's declaration, pursuant to his duty under Fed. R. Civ. P. 26(a)(2)(E) and 26(e), Dr. Smith began to conduct the additional analyses Chair Gwathney had suggested were required to determine if his opinions in his initial report concerning LFOs were inaccurate or incomplete.
  - 4. On June 22, 2020, Defendants noticed a deposition of Dr. Smith for July 16, 2020.
- 5. On July 13, 2020, Dr. Smith completed his additional analyses and prepared a supplemental report describing the results. Dr. Smith explained that he took seriously Chair Gwathney's criticisms of Section XI of his report and performed the additional analyses to ensure that his opinions described in the initial report were accurate and complete. *See* Doc. 245-3 at ¶¶ 2-3. Dr. Smith relied on the same data for his analyses as in his initial report. *Compare* Doc. 245-3 at ¶¶ 6, 25 *with* Doc. 215-13 at ¶¶ 8, 77. The results of these analyses were provided in the same type of tables and graphs as utilized in the initial report. *See, e.g.*, Doc. 245-3 at ¶5, tbl.3 & fig.2. Indeed, except for correcting the inaccuracies identified by Chair Gwathney, his analysis and methods did not change and he added no new analytics.
- 6. On July 13, 2020, Plaintiffs provided Defendants with a copy of Dr. Smith's supplemental report. *See* Doc. 245-1.
- 7. On July 16, 2020, Defendants deposed Dr. Smith. The deposition lasted over six hours. Defendants introduced the supplemental report as an exhibit and questioned Dr. Smith extensively about the details of his supplemental report. *See* Ex. 1, Smith Dep. at 34. For example, Defendants asked about the data underlying the supplemental report, what specific details Dr. Smith had learned from Stephen Leveque's declaration, and how Dr. Smith had understood the aggregation

of fees imposed at sentencing and post-sentencing in spreadsheets. *See* Ex. 1, Smith Dep. at 36-38. Defendants also spent nearly a fifth of their questioning, more than 30 pages out of a total 170, on how he had handled individuals with multiple convictions for both felonies involving moral turpitude and non-moral turpitude felonies in the supplemental report, *id.* at 139-151, how he disaggregated post-sentence fees for purposes of the supplemental report and reported those results, *id.* at 151-70, as well as details about specific phrasing in the supplemental report, *id* at 157-62. As counsel for Defendants explained at the end of this extensive questioning, she found it "very helpful for [her] to confirm that [she] under[stood] [Dr. Smith's] report." *Id.* at 169.

- 8. On July 24, 2020, eight days after extensively questioning Dr. Smith about his supplemental report and four days after the close of discovery in this case, Defendants for the first time objected to Dr. Smith's supplemental report. Defendants did not seek to meet and confer with Plaintiffs regarding their objection. In their objection, Defendants explain that they packaged criticisms of Dr. Smith's initial report in their preliminary injunction briefing rather than as part of their expert reports so that Dr. Smith would not be able to respond to the criticisms. *See* Doc. 245 at ¶¶ 3-4.2
- 9. Defendants provide no authority in their objection suggesting that an expert's supplemental report provided in advance of the expert's deposition, before the close of discovery, and over six months before trial is improper. Defendants instead cite numerous cases where courts excluded supplemental expert reports filed *after* the close of discovery. *See* Doc. 245 at 5-6 (citing *Companhia Energetica Potiguar v. Caterpillar Inc.* No. 14-cv-24277, 2016 WL 3102225, at \*6 (S.D. Fla. June 2, 2016) (supplemental report filed four months after expert's deposition and close of expert

<sup>2</sup> In so doing, Defendants attempted to accomplish by manipulation what they were unable to accomplish through the Rule 26(f) process, depriving Plaintiffs of their opportunity to respond to critiques as envisioned in the Rules. *See* Doc. 192 at 2-4.

discovery to oppose Daubert motion); Corwin v. Walt Disney Co., 475 F.3d 1239, 1252 (11th Cir. 2007) (no abuse of discretion in excluding supplemental report submitted after deadline and, in any case, excludable under Daubert); Cook v. Royal Caribbean Cruises, Ltd., No. 11-20723, 2012 WL 2319089[, at \*2] (S.D. Fla. June 15, 2012) (fifth supplemental report served a month and a half after close of discovery and a month before trial); Goodbys Creek, LLC v. Arch Ins. Co., No. 3:07-cv-947, 2009 WL 1139575, at \*2 (M.D. Fla. Apr. 27, 2009) (initial report an inadequate summary of legal conclusions and supplement not allowed in response to motion to strike initial report after court deadline for supplementation); Cochran v. Brinkmann Corp., No. 1:08-cv-1790, 2009 WL 4823858, at \*5 (N.D. Ga. Dec. 9, 2009) (report submitted five months after expert's deposition); Friebel v. Paradise Shores of Bay Cnty., LLC, No. 5:10-cv-120, 2011 WL 2420230, at \*2 (N.D. Fla., June 13, 2011) ("supplemental" report submitted after motions for summary judgment); Jones Creek Investors, LLC v. Columbia Cnty., 98 F. Supp. 3d 1279, 1282 (S.D. Ga. 2015) (supplemental report "in midst of summary judgment briefing and after close of discovery"); Rojas v. Marko Zaninovich, *Inc.*, No. 1:09-CV-00705, 2011 WL 4375297, at \*6 (E.D. Cal. Sept. 19, 2011) (supplemental report styled as declaration in support of class certification motion provided after expert's deposition); Akeva L.L.C v. Mizuno Corp., 212 F.R.D. 306, 310 (M.D.N.C. 2002) (supplemental report offered after close of discovery); Minebea Co., Ltd. v. Papst, 231 F.R.D. 3, 6 (D.D.C. 2005) (report provided one week after start of trial)).

10. Defendants cite only one case where a supplemental report was provided before the expert's deposition, but even that case suggests the objection is meritless. In *Guevara v. NCL* (*Bahamas*) *Ltd.*, the district court below had allowed plaintiff's expert to supplement his report based on new information provided by defendants subsequent to his initial report. 920 F.3d 710, 718 (11th Cir. 2019). It did so even though plaintiff provided the supplemental report "on the eve of [the expert's] deposition which gave [defendant] little time to review or prepare questions on the new

information" and even though the expert left the deposition prematurely without prior agreement of the parties. *Id.* at 719. The Eleventh Circuit approved admitting this much of the supplemental report. And it could not say it was an abuse of discretion to exclude the portions of that supplemental report that reworked the initial report based on a new set of standards "not included in [the expert's] initial or rebuttal reports and [] not produced ahead of his deposition" or a second supplemental report submitted more than a month after the close of discovery. *Id.* at 718-19. Dr. Smith's supplemental report is most like the portion of the supplemental report admitted in *Guevara*. It was based on new information to Dr. Smith: alleged inaccuracies or incompleteness of the data he utilized and a declaration describing the State's dataset in detail. It simply supplemented the initial report based on that information to ensure an accurate and complete report. And unlike the supplemental report in *Guevara*, it was provided to defense counsel enough in advance of Dr. Smith's deposition that defense counsel were able to prepare to and did in fact question Dr. Smith extensively about it. *See supra* at ¶7.

11. In cases where courts have encountered facts more like those at issue here, they have uniformly approved filing of supplemental reports. To take just one example in some detail, in *Capitol Justice, LLC v. Wachovia Bank*, plaintiff's expert submitted an initial report in February 2009, which he amended on March 16, 2009, two days before his deposition on March 18, 2009. 706 F. Supp. 2d 34, 37 (D.D.C. 2009). Based on issues raised in the deposition about the calculation of certain losses, the expert submitted a revised report in April and was deposed again. *Id.* at 37-38. The court held that the revised report was "a proper supplementation and [was] therefore timely." *Id.* at 38. In so holding, the court explained that "the Court's central inquiry is 'whether [a party's] supplemental report comes so late in the game that [the opposing party] has no meaningful opportunity to respond or prepare for deposition or trial." *Id.* at 38-39 (quoting *Nnadili v. Chevron, U.S.A., Inc.*, Civ. No. 02-1620, 2005 WL 6271043, at \*1 (D.D.C. Aug. 11, 2005)).

- 12. Just as in Capitol Justice, supplementation was proper in this case because Dr. Smith "used the same methodology in his revised report as in his initial report"; "only changed the inputs and calculations to produce a more complete and accurate report"; defendant "had the opportunity to depose [the expert] on his supplemental report"; and "supplementation [was] timely because it occurred before the date of the Rule 26(a)(3) pretrial disclosures." Id. at 39; see also, e.g., David E. Watson, P.C. v. U.S., 668 F.3d 1008, 1014 (8th Cir. 2012) (approving expert's revision of his report on value of services in tax dispute where expert discovered errors in initial assessment and learned additional facts through deposition leading to revision); Deere & Company v. FIMCO Inc., 260 F. Supp. 3d 830, 837 (W.D. Ky. 2017) (holding that supplemental report of 700 pages submitted on the eve of the deadline for pretrial disclosures was appropriate under Rule 26(e) because report didn't "change [the expert's] earlier opinions or theories such that they [would] constitute improper new evidence as opposed to supplemental materials. Rather, the Supplemental Report and exhibits offer further support for [the expert's] original opinion"); Thomas v. Sheahan, 499 F. Supp. 2d 1062, 1073 (N.D. Ill. 2007) (allowing addendum to expert report even after close of discovery and expert's deposition had been taken because it addressed deposition testimony that occurred subsequent to expert's deposition).
- 12. Even where courts have found a supplemental report untimely, they have found the untimeliness harmless where the opposing party was not surprised by the additional information and that therefore the additional information should be admitted. *See*, *e.g.*, *Brennan's Inc. v. Dickie Brennan & Co. Inc.*, 376 F.3d 356, 375-76 (5th Cir. 2004) (upholding district court's determination that failure to disclose underlying data and calculations for updated damages report was harmless because opposing party was already familiar with the data and the expert's methodology had not changed); *Estate of Gaither ex rel. Gaither v. D.C.*, No. 03-1458 (CKK) (AK), 2008 WL 5869876, at \*3 (D.D.C. 2008) (declining to strike late-filed supplemental defense expert report because

schedule provided plaintiff with sufficient time to process and respond to supplemental report and plaintiff did not suffer unfair surprise or prejudice). Just so here, even assuming Dr. Smith's report was untimely, Defendants cannot say they were surprised by the additional information where they had the underlying data available to them, they suggested the additional analyses themselves, and where Dr. Smith used the same methodologies as in his initial report.

13. Numerous courts have also emphasized that there can be no surprise or harm where the opposing party was able to depose the expert regarding the supplemental report. See, e.g., Jackson v. Allstate Ins. Co., 785 F.3d 1193, 1204 (8th Cir. 2015) (expert's supplemental report summarizing additional study discussed at deposition was harmless because opposing party fully deposed expert and did not identify any information in supplemental report that took her by surprise or that required additional discussion); Dormu v. D.C., 795 F. Supp. 2d 7, 28 n.16 (D.D.C. 2011) (permitting supplemental affidavit where it "does not blindside defendants with new information"; "comes several months prior to trial, leaving defendants with sufficient time to adjust their trial preparation"; and where any harm "can be minimized by allowing defendants to depose the expert if they so choose"); Capitol Justice, 706 F. Supp. 2d at 38 ("Even if the report [was] not a proper supplementation, its untimely submission [was] harmless."); Only The First, Ltd. v. Seiko Epson Corp., 822 F. Supp. 2d 767, 779-81 (N.D. Ill. 2011) (finding that new expert opinions in supplemental expert declarations submitted in support of motion for summary judgment did not prejudice opposing party because new data just corroborated results of tests already done and that "Plaintiff was not 'sandbagged' by [expert's] new testing" because, among other things, he had the opportunity to ask questions at expert's deposition); Luma Corp. v. Stryker Corp., 226 F.R.D. 536, 544-45 (S.D.W. Va. 2005) (permitting supplemental expert report including new opinions based on additional information because opposing party had access to information that provided basis for new opinions and there was no threat of incurable surprise because supplemental report was provided in

advance of expert's deposition and several months before trial); *see also Commonwealth Ins. Co. v. Titan Tire Corp.*, 398 F.3d 879, 888 (7th Cir. 2004) (holding use of expert deposition testimony from earlier case was harmless where opposing party had participated in earlier deposition).

- 13. These numerous rulings on facts like those in the present case are true to the purposes of Rule 26's requirements, "to prevent unfair surprise at trial," *Dormu*, 795 F. Supp. 2d at 28 n.16, and all show that Defendants' objection is meritless. Where, as here, defendants had ample "opportunity to depose" Dr. Smith and, as they themselves explain, decided to forego the opportunity "to obtain an expert of their own" to rebut Dr. Smith's testimony in an attempt to avoid a response to their critiques, they have no basis for claiming that the "design[]" of "the expert witness discovery rules" "to allow both sides in a case to prepare their cases adequately and to prevent surprise" was frustrated. *Reese v. Herbert*, 527 F.3d 1253, 1265-66 (11th Cir. 2008).
- 14. Defendants admit that they chose not to provide their critiques of Dr. Smith in an expert report to deny him the opportunity to respond. Doc. 245 at 3. In Defendants' opposition to the preliminary injunction motion, Defendants argued that Dr. Smith's analysis was "irrelevant" and "inflat[ed]" because he did not eliminate non-disqualifying felonies or post-sentencing LFOs in his calculations. Doc. 222 at 19-22. Defendants are in possession of all the relevant data but did nothing to determine whether the errors it identified meaningfully change the results. As Dr. Smith's supplemental report establishes, they do not. Doc. 245-3. By eliminating Dr. Smith's supplemental report, Defendants seek to retain their ability to critique Dr. Smith on grounds it knows to be inconsequential. Such an objection "do[es] violence to the court's duty to search for the truth and would be inimical to the traditional concept of (discovery)." *Carr v. Monroe Mfg. Co.*, 431 F.2d 384, 389 (5th Cir. 1970).
- 15. But Defendants should not be allowed to relitigate the discovery schedule the court set following the parties' Rule 26(f) conference, to surprise Plaintiffs with criticisms of an expert

report repackaged in briefing and a supporting declaration, or to keep Plaintiffs' expert from timely supplementing his report to answer those criticisms.

Dated: August 3, 2020

## Respectfully Submitted,

/s/ Danielle Lang

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### **CERTIFICATE OF SERVICE**

I hereby certify that, on August 3, 2020, I electronically filed the foregoing with the Clerk of the Court using the CM/ECF system, which will send notification of such filing to all counsel of record as listed below:

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1 IN THE UNITED STATES DISTRICT COURT 2 FOR THE MIDDLE DISTRICT OF ALABAMA 3 NORTHERN DIVISION 4 5 TREVA THOMPSON, et al., 6 Plaintiffs, 7 CIVIL ACTION NO. 2:16-cv-783-ECM-SMD VS. 8 JOHN H. MERRILL, in his official 9 capacity as Secretary of State, et al., 10 Defendants. 11 12 13 14 15 16 VIRTUAL VIDEOCONFERENCE DEPOSITION OF 17 DANIEL A. SMITH, Ph.D, taken on behalf of the 18 Defendants, pursuant to the stipulations set forth 19 herein, before Wendy Kendrick, Certified Court 20 Reporter and Notary Public, at the Alabama Attorney 21 General's Office, 501 Washington Avenue, Montgomery, 2.2. Alabama, commencing at approximately 10:00 a.m., 23 Thursday, July 16, 2020. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

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7	* * *
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	DEFENDANTS' EXHIBITS: MARKED
3	Exhibit No. 1
ŀ	(Smith Declaration)
5	Exhibit No. 213
ĵ .	(Twitter Snips)
7	Exhibit No. 318
3	(Curriculum Vitae)
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)	(Supplemental Expert Report)
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#### STIPULATIONS

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2.2.

23

It is hereby stipulated and agreed by and among counsel for the respective parties and the witness that the virtual videoconference deposition of DANIEL A. SMITH, Ph.D, is taken pursuant to notice and stipulation on behalf of the Defendants; that all formalities with respect to procedural requirements are waived; that said virtual videoconference deposition may be taken before Wendy Kendrick, Certified Court Reporter and Notary Public in and for the State of Alabama At Large, without the formality of a commission; that objections to questions, other than objections as to the form of the questions, need not be made at this time, but may be reserved for a ruling at such time as the virtual videoconference deposition may be offered in evidence or used for any other purpose as provided for by the Civil Rules of Procedure for the State of Alabama.

It is further stipulated and agreed by and among counsel representing the parties in this case that the filing of the virtual videoconference

deposition of DANIEL A. SMITH, Ph.D, is hereby waived; and that said virtual videoconference deposition may be introduced at the trial of this case or used in any other manner by either party hereto provided for by the Statute, regardless of the waiving of the filing of same. It is further stipulated and agreed by and between the parties hereto and the witness that the signature of the witness to this virtual videoconference deposition is hereby not waived. 2.2. Boggs Reporting & Video LLC

1	MS. MESSICK: Danielle, do
2	we want to we want to
3	continue to do the usual
4	stipulations as we have been
5	doing them, so we would of
6	course object to privilege and
7	
8	MS. LANG: And reserve the
9	right to read and sign, yes.
10	MS. MESSICK: Okay. That
11	is fine with us.
12	And then I think you-all
13	might mostly just be able to
14	see me, so I want to let you
15	know that the record will
16	reflect that Win Sinclair, my
17	colleague, is here with me.
18	The court reporter is here in
19	Montgomery at our office.
20	That's why there is not
21	another screen for her. And
22	then we also have with us Dr.
23	Lesley Reid, who is our
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1	consulting expert in this
2	case.
3	And with that we are
4	ready for the court reporter
5	to swear in the witness.
6	DR. SMITH: Before we do
7	that I just wanted to make a
8	note that I don't have the
9	option to see you. I see
10	Danielle. I don't even have a
11	box for you.
12	MS. LANG: Yeah, neither
13	do I.
14	MS. MESSICK: Okay.
15	MS. LANG: Which when Dan
16	could see you, I was okay with
17	moving on that way. But if Dan
18	can't see you, that seems like
19	a problem.
20	MS. MESSICK: I agree.
21	I.T. is still here. Let us go
22	back off the record and see if
23	we can get that fixed.
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1	(Off-the-record discussion.)
2	MS. MESSICK: We are back
3	on the record. And if the
4	court reporter could please
5	swear the witness.
6	THE THE COURT REPORTER: D
7	r. Smith, can I get you to
8	raise your right hand, please?
9	(Witness complies.)
10	THE THE COURT REPORTER: D
11	o you solemnly swear, or
12	affirm, that the testimony that
13	you are about to give will be
14	the truth, the whole truth, and
15	nothing but the truth so help
16	you God?
17	DR. SMITH: Yes, I do.
18	THE THE COURT REPORTER: T
19	hank you.
20	
21	* * *
22	
23	
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1 DANIEL A. SMITH, 2 was called as a witness, having first been duly 3 sworn by Jeana S. Boggs, Notary Public of the 4 State of Alabama at Large, was examined and 5 testified as follows, to-wit: 6 7 DIRECT EXAMINATION 8 BY MS. MESSICK: 9 Good morning, Dr. Smith. My name is Ο. 10 Misty S. Fairbanks Messick, and I 11 represent the Secretary of State, the 12 Chair of the Board of Pardons and 13 Paroles, and the Chair of the Montgomery 14 County Board of Registrars in the 15 litigation that we're here for today. 16 And I appreciate your patience in helping 17 us through the technology this morning. 18 Could you please state your 19 name for the record. 20 Α. Yes. My name is Daniel A. Smith. 21 And you have provided an expert report Q. 2.2. for the Plaintiffs in this litigation 23 which challenges Alabama's laws

	i	
1		concerning felon voting; is that correct?
2	Α.	I have provided a report as well as
3		supplemental rebuttal.
4	Q.	And you also served as an expert for the
5		Plaintiffs in Jones V. DeSantis or the
6		Florida felon voting lawsuit?
7	Α.	I was one of many experts working in that
8		consolidated case, yes.
9	Q.	Okay. I want to first this morning
10		introduce your original report in this
11		case. Do you have a copy of that with
12		you?
13	Α.	Yes. My Counsel provided me one. I just
14		want to make sure that it's the same that
15		you have. It's a .PDF version.
16	Q.	Well, I am sure that's what they sent me.
17		I have a report dated April 17, 2020, and
18		it's got a signature on it that I would
19		think would have had to come through a
20		PDF.
21	Α.	Yes. That's the same date that I have on
22		page 67.
23		MS. MESSICK: So, that
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1 will be Exhibit One in this 2 case. 3 (At which time, the referredto document was marked as 4 5 Defendants' Exhibit No. 1 for 6 identification.) 7 Would you please turn to page three of Q. 8 this report? 9 Yes, ma'am. Α. 10 And do you see that on page three you Q. 11 make reference to the Jones V. DeSantis 12 case? 13 That is correct. Α. 14 And you say that you had testified in the Q. trail in that case? 15 16 I testified during the preliminary Α. 17 injunction as well as the trial itself. 18 And when was the trial? Q. 19 I don't recall the exact date. Α. It was 20 pushed back several times. The trial 21 itself happened virtually. I want to say 2.2. that it was in April. 23 Q. Was it -- was the trial in late April, Boggs Reporting & Video LLC

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1 early May? 2 The months during this time of COVID have Α. 3 blurred together. Are you on Twitter as Election Smith? 4 Ο. 5 Α. Yes, I am. 6 Q. Do you have an exhibit from me this 7 morning with clippings from your Twitter 8 account? 9 Counsel provided that to me just a Α. 10 little before the start of this 11 proceeding. 12 Great. We are going to mark that as Q. 13 Exhibit Two to this deposition. 14 (At which time, the referred-15 to document was marked as 16 Defendants' Exhibit No. 2 for 17 identification.) 18 Q. And I would ask you take a look at it and see if there are any -- Well, let me back 19 20 up. 21 I have a snipping tool on my 2.2. computer where I can take images off of 23 the Election Smith Twitter feed. And

1 that is what I have done in creating 2 Exhibit Two. 3 And I would like you to look at 4 it and see if you see anything there that 5 you don't recognize from your own Twitter 6 feed. 7 It all looks as you have presented it. Α. 8 These are snippings of various posts. 9 Right. You actually -- you posted a lot 0. 10 more that is not here, correct? A 11 variety of topics? 12 I would image so, correct. Α. 13 Looking at page two of Exhibit Two --Q. 14 Α. Yes. 15 -- does this posting concern the 11th Q. 16 Circuit's decision to grant a stay of the 17 District Court's order in the Florida 18 case? 19 I don't recall -- I don't recall the Α. 20 specifics because I was referencing an 21 article, but it certainly references the 2.2. case. 23 Q. Do you see the comment that you added at Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 the top of that document, above the news 2 article? 3 Α. Yes. 4 And can you read for me your comment, Q. 5 please? Sure. I said (as read) "I can give you 6 Α. 7 one million reasons why this is 8 problematic." 9 MS. MESSICK: We're 10 getting some really loud 11 dinging here. I'm not sure if 12 maybe somebody is receiving 13 chats or emails or something. 14 MS. LANG: It was my 15 fault. I'm sorry. I was just 16 trying to pull up the emails 17 with the exhibits. 18 apologies. 19 MS. MESSICK: Thank you so 20 much. 21 BY MS. MESSICK: 2.2. Dr. Smith, was your reference to Q. 23 "1,000,000 reasons why this is Boggs Reporting & Video LLC

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1 problematic" a reference to the 2 approximately 1,000,000 voters or 3 1,000,000 felons looking to be able to vote? 4 5 The 1,000,000 certainly references the Α. 6 number that I arrived at in my analysis 7 in this case of individuals who have 8 believed from state or county confinement 9 with a felony conviction sentence 10 completed. That includes individuals who 11 owe no LFOs, legal financial obligations, 12 as well as those who do. 13 Thank you. And then is it fair to Q. 14 summarize pages three through six of this 15 exhibit as tweets concerning Judge 16 Hinkle's ruling following the trial in 17 that Florida case? 18 MS. LANG: Object to form. 19 Α. I would say that these are my re-tweeting 20 either ACLU press statements or 21 statements from ACLU counsel. 2.2. I was retained by the ACLU in 23 that litigation. It also involved news Boggs Reporting & Video LLC

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1 coverage of Judge Hinkle's ruling. 2 looks like it was from May 24th. And it 3 looks like there was a self-promoting tweet about footnote 82 in Judge Hinkle's 4 5 ruling that stated that the evidence 6 supporting the finding includes the 7 expert testimony of Dr. Daniel A. Smith, 8 Dr. Smith's testimony in full. 9 If you would stay on that page for me, at Ο. 10 the top of the page with the 11 self-promoting tweet, can you read your 12 comment? 13 Sure. I write (as read) "Oh, for those Α. 14 of you who read Judge Hinkle's 125 15 ruling, know that I use the term, quote, 16 "returning citizens" knowingly." 17 I have a little smiley face 18 after that. And I see that I did not put 19 page after 125. 125 pages. 20 Yes, it was very long. Q. 21 What did you mean by this 2.2. public statement that you used the term 23 "returning citizens" knowingly?

1 So, I do not tend to use the term Α. 2 "returning citizens." That is a term 3 that advocacy groups have used. And if I 4 had used that term in some tweet, I did 5 so knowing that it was a term that 6 neither do I intend to use or does Judge 7 Hinkle as he notes in his ruling. 8 Thank you, Dr. Smith. Do you have your Q. 9 CV in front of you? 10 I can pull up the CV that Counsel Α. 11 provided to me this morning. 12 And we are going to mark that as Exhibit Q. 13 Three here today. 14 (At which time, the referred-15 to document was marked as 16 Defendants' Exhibit No. 3 for 17 identification.) 18 Q. And I just want to be clear for the 19 The version of your CV that I record. 20 received is actually a word version that 21 has a field at the top for the date. 2.2. when I printed it today, it is dated 23 today but obviously I haven't been

1 updating your CV. 2 Do you know when this CV that 3 is Exhibit Three is actually current through? 4 5 It does the same thing if I look at this Α. 6 and do it in the email as a preview, it 7 is dated 9, April, 2020. I assume that 8 that has been updated by Counsel or by 9 you. 10 Thank you. Do you have any expert Q. 11 consulting work that has happened since 12 this CV was last updated that isn't 13 reflected on this CV then? 14 Α. Yes. 15 MS. LANG: Object to form. 16 Do you only want him to say the 17 consulting work or all the work 18 he did to testify as an expert 19 witness? 20 MS. MESSICK: I'm sorry. 21 We are having audio problems. 2.2. Are you asking me if I only 23 want to know about cases where Boggs Reporting & Video LLC

1 he has been hired to testify as 2 an expert? 3 I objected MS. LANG: No. to form only because I think 4 5 it's unclear. Do you want him 6 to say where he's an expert 7 consultant or where he's an 8 expert consultant and cases 9 where he's an expert witness. 10 Since those terms are 11 used distinctly in the legal 12 context, I want to make sure 13 he discloses everything that 14 he is supposed to disclose. 15 MS. MESSICK: Thank you. 16 Dr. Smith, what I am interested in Q. 17 knowing is whether you have provided any 18 expert testimony, whether through a 19 written report, or a deposition, or 20 testimony in open court, since this CV 21 was last updated? 2.2. This is off the top of my head but Α. 23 I should be able to recall. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 I am currently an expert in the 2 litigation that has been consolidated in 3 Florida over vote-by-mail. I am working for the Plaintiffs, Dream Defenders. 4 5 That's in federal district court in 6 Tallahassee. I have been deposed in that 7 case, and I have written two declarations 8 in that case. 9 And that case goes to trial next week? 0. 10 That is correct. Α. 11 So, I have been deposed. 12 have written a report. I have written a 13 rebuttal report. 14 I am also an expert in similar 15 litigation in Texas regarding 16 vote-by-mail. And I have written a 17 declaration. I have written a response 18 of rebuttal and -- maybe it wasn't a 19 rebuttal, maybe it was just a response or 20 an update because I had additional data. 21 I have not been deposed in that case. 2.2. That case is called Lewis V. Hughes I 23 want to say.

1 And I am a consulting expert 2 for --3 Ο. Hold on, hold on. 4 Α. I'm sorry. 5 I -- I do not want to know about any case Q. 6 where you are only consulting as an 7 expert and do not actually expect to 8 provide a written report. 9 And those would be the two cases since Α. 10 the submission of my report in this case 11 that I have been involved in. 12 If you would turn to page 11 of your CV, Q. 13 you gave a presentation -- it's listed 14 near the top of the page -- on -- or 15 entitled "Barriers to Registering 16 Returning Citizens in Florida." 17 Α. Yes. 18 In 2019? Q. 19 Α. Correct. Did that cover any topics that did not 20 Q. 21 overlap with the expert testimony that 2.2. you gave in Florida, in the Florida 23 litigation that we discussed earlier?

1 Α. It's difficult for me to remember exactly 2 what I presented. I know that I did not 3 do a written report or paper in that 4 litigation. And I certainly did not 5 speak about any of the specifics in that 6 ongoing litigation. 7 Were you paid? Q. 8 Α. And --9 I'm sorry. I thought you were done. Q. 10 No, no. No, no. I certainly hadn't Α. 11 written my report that were filed in that 12 case that went to trial in 2020. 13 And no, I was not paid. 14 There was a preliminary injunction in the Q. 15 Jones V. DeSantis Florida case, and you 16 testified at that preliminary injunction 17 hearing, did you not? 18 That is correct. Α. 19 Q. Did you remember when that was? 20 Α. I don't remember. I would say it was 21 sometime in September maybe. 2.2. Q. Do you talk about vote-by-mail on your 23 Twitter feed?

1	Α.	I am sure I talked about vote-by-mail on
2		my Twitter feed.
3	Q.	Have you ever written an op-ed about
4		litigation that you were involved in?
5	Α.	So, I have written many op-eds. The
6		op-eds are linked to my research.
7		Sometimes my research is the result of
8		litigation. Often my research is what
9		causes attorneys to pursue me to be an
10		expert. Have I written an op-ed that is
11		directly engaged with ongoing litigation
12		I'm pretty careful not to talk about
13		any ongoing litigations in any op-eds.
14	Q.	Near the bottom of your CV, on page 11,
15		it says that you gave a presentation
16		defending democracy, how political
17		scientists are engaging in the fight over
18		voting rights, and why you and your
19		department should too.
20		Can you tell me what that was
21		about?
22	Α.	Sure. I was part of a panel, roundtable.
23		I did not come up with that title. I was
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1 on the panel. I did not write anything 2 for that presentation, probably four or 3 five scholars of various types of litigation. 4 5 THE THE COURT REPORTER: Ι 6 'm sorry. Can I get you to 7 stop for a minute? 8 (As read) "I was on the 9 panel. I did not write 10 anything for that 11 presentation, probably" -- go 12 from there. 13 And I certainly did not come up Α. 14 with that title, "Defending Democracy." 15 That was something that the core of that 16 panel stated and came up with. Do you remember what you spoke about on 17 Q. 18 that panel? 19 I have no recollection. It was probably Α. 20 talking about the opportunity to have an 21 expertise in the area to work in 2.2. litigation and to advise, as I always do, 23 junior scholars to be cautious about Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 doing that. Because if you want to get 2 tenure as an academic, the coin of the 3 realm is not to work as an expert in 4 litigation. It's getting your articles 5 and your book out. 6 So, I am sure that whatever I 7 said to the younger scholars in that 8 audience that you're not going to get 9 tenure based on how wonderful you are as 10 an expert witness. 11 Thank you. You said you were hired by Q. 12 the ACLU in the Florida felon voting 13 right case; is that right? 14 That is correct. Α. 15 And you have done non-litigation work for 0. 16 the ACLU of Florida as well? 17 That is correct. Α. 18 Q. And you have done work for ACLU 19 organizations in other states as well? 20 Α. Yes, I have. 21 Have you ever been hired by Campaign Q. 2.2. Legal Center as an expert in a case 23 before this one? Boggs Reporting & Video LLC

1 I would have to look at my CV. I Α. 2 honestly don't recall. There are often 3 coalitions that came up and as a result 4 -- I honestly don't know. It could be 5 four or five, six organizations. Whether 6 or not the Campaign Legal Center was part 7 of that -- I wouldn't be surprised, but I 8 would have to go back to look at that. 9 Have you ever provided expert testimony Ο. 10 in an Alabama case before this one? 11 And I am specifically asking 12 about expert testimony. I do not believe 13 it's proper to ask about the consultation 14 that you did in the Greater Birmingham 15 Ministries case on voter ID. So, I'm 16 just asking for testimony in Alabama 17 cases. 18 Α. No. 19 On page two of your report you mention Q. 20 state and local politics, institutions 21 and reform. What if anything does that 2.2. textbook say about felon 23 disenfranchisement in Alabama?

1	Α.	I'm pulling up my report. Counsel
2		provided that to me the other day when I
3		asked for it. So, one second.
4	Q.	Okay. It's really you're talking
5		softly but we haven't effective
6		actually gone off the record. The court
7		reporter is struggling to hear you.
8		So, you are taking a minute to
9		look for the PDF of that report; is that
10		correct?
11	Α.	Correct. My apologies. Yes. I've got
12		it. Thank you. Sorry.
13	Q.	Okay. So, on page two of your report you
14		say that you are co-author of a textbook
15		called "State and Local Politics,
16		Institutions and Reform."
17		And my question to you was:
18		What if anything does that textbook say
19		about felon disenfranchisement in
20		Alabama?
21	Α.	I don't recall specifically. Almost
22		every one of the 15 chapters as I recall
23		discusses some aspect of Alabama
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1 politics. I recall some much more 2 vividly than others, like the 3 representative action chapter. 4 With respect to voting rights, 5 I am sure it is covered in Chapter Three, 6 Political Presentations. Do I recall the 7 details of that, no. But I certainly 8 recall having a conversation of voting 9 rights and looking at felony 10 disenfranchisements across the state. 11 Okay. And you cut out. Was Chapter Q. 12 Three called "Public Participation"? 13 didn't hear what you said. 14 Oh, I'm sorry. No, I think it's Α. 15 Political Presentation is what it's 16 probably called. 17 Okay. Well, that's --Q. 18 Political Presentation, something along Α. 19 that line. 20 Is it fair to say that when you started Ο. 21 providing expert testimony and 2.2. litigation, you frequently testified for 23 the government? Boggs Reporting & Video LLC

1	Α.	I don't know if that's a fair assessment.
2		I have worked for various state
3		governments, including Florida, Colorado,
4		California. I wouldn't say that that was
5		that was proportionately early on in
6		my expert work.
7	Q.	When is the last time that you were a
8		state expert for the State of Florida?
9	Α.	So, the last time I helped to defend the
10		State of Florida was a couple of years
11		ago in a case in which I worked as a
12		defendant intervenor expert for the
13		Constitutional Office of Supervisor of
14		Election in Broward County.
15		So, I worked in that case. The

So, I worked in that case. The case is listed on my CV. It went through a couple of different name changes. It used to be ATRU. I honestly don't remember what it's called. I think it's Belitto V. Snipes. Snipes was the Supervisor of Election, Constitutional Office of Florida. And I did that work publicly in 2017.

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1	Q.	When is the last time you were a
2		litigation expert for Colorado?
3	Α.	Probably when I still lived in Colorado
4		or soon thereafter. So, I left Colorado
5		around 2003.
6	Q.	Did you say 2003?
7	Α.	And may have done more I'm sorry. I
8		may have done more work in the mid 2,000s
9		for the state of Colorado, maybe even the
10		late 2,000s.
11	Q.	Okay. Can we go off the record for a
12		second?
13		(off-the-record discussion.)
14	BY MS.	MESSICK:
15	Q.	Dr. Smith, when is the last time that you
16		were an expert in litigation for the
17		state of California?
18	Α.	I want to say that was Summer of 2018.
19	Q.	What case would that be?
20	Α.	I don't recall the the name of it. It
21		had to do with defending the Secretary of
22		State's Office. I want to say it was
23		Judicial Watch that was suing regarding
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1 list maintenance in California, and I was 2 brought in to help defend the State of 3 California. 4 0. Thank you. On page 15 of your CV, you 5 say that you gave an "Invited Response" 6 on "Law and Politics of Judging Election 7 Cases" in 2016. 8 Can you summarize for me what 9 that was about? 10 Can you point to where on page 15 that Α. 11 might be so I can get a better sense? 12 It's the ninth item down, and it is Q. 13 called an "Invited Response" with --14 you've got Michael Kang, Emory School of 15 Law, on here as well with that entry. 16 I have very little recollection. Α. 17 I remember Michael Kang. I remember that 18 law school invited conference. And I am 19 sure that I had to provide extemporaneous 20 comments on his presentation. 21 But again that is not my title. 2.2. That was the title probably of his 23 presentation. Boggs Reporting & Video LLC

1	Q.	So, your recollection is that he gave a
2		presentation and then you basically had
3		to respond on the fly?
4	Α.	Correct.
5	Q.	We've already marked your April
6		Declaration as Exhibit One in this case.
7		When you signed this report,
8		did you believe it to be accurate and
9		complete?
10	Α.	Sure. To the best of my knowledge, yes.
11	Q.	And you have submitted a new report
12		recently?
13	Α.	That is correct.
14	Q.	And do you have a copy of that report?
15	Α.	Yes. Counsel provided that to me a
16		couple of days ago in PDF form.
17	Q.	Okay.
18		MS. MESSICK: And,
19		Danielle, did you say
20		something? I heard
21		MS. LANG: No. I'm sorry.
22		I I'm getting used to using
23		the phone instead and so I
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1 pressed un-mute on the wrong 2 place. I apologize. 3 MS. MESSICK: Okay. think what I am actually 4 5 hearing is feedback from me 6 apparently only if I move. 7 Okay. 8 BY MS. MESSICK: 9 Dr. Smith, you said that Plaintiff's Ο. 10 Counsel provided you with a copy of your 11 report, supplemental report? 12 Correct. That is correct. Α. 13 Okay. We are going to mark that as Q. 14 Exhibit Four to the deposition this 15 morning. 16 (At which time, the referred-17 to document was marked as 18 Defendants' Exhibit No. 4 for 19 identification.) 20 I don't see a date on this report. Ο. 21 did you sign it? 2.2. That's a good question. I do not recall. Α. 23 I can probably figure it out from the Boggs Reporting & Video LLC

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1 email that I sent to Counsel. 2 Did you sign it in the last few days? Q. 3 I would have signed it -- it's all a Α. Certainly not in the last few 4 blur. 5 days. 6 MS. LANG: Dr. Smith, it 7 might make sense for you to go 8 through and actually find the 9 date that you sent your final 10 report to me so that you can 11 provide Ms. Messick with that 12 information. 13 I am doing so right now. Α. 14 (Brief pause.) 15 Α. It looks like I sent a final report Yes. 16 on Sunday, which would have been the 12th 17 of July. 18 Thank you. And you have entitled this a Q. 19 supplemental report, correct? 20 Α. That is correct. Supplemental expert 21 report, correct. 2.2. Q. And the supplement is in response to 23 Chair Gwathney's opposition to the Motion Boggs Reporting & Video LLC

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1 for Preliminary Injunction? 2 That is correct. Α. 3 MS. MESSICK: Danielle, I 4 am handing the court reporter a 5 note of how to spell Gwathney. 6 MS. LANG: Okay. 7 BY MS. MESSICK: 8 Did you acquire any new data to be able Q. 9 to prepare this supplemental expert 10 report? 11 Α. I certainly used the same underlying 12 data, and it was informed by 13 Ms. Gwathney's -- I don't know what to 14 call it because I'm not familiar with 15 that document that she submitted. I was 16 also informed by the -- the LeVeque 17 Declaration because he provided some 18 codes to assist in interpreting the Administrative Office of Court's main 19 20 database that I relied on. 21 Okay. You should have received this Q. 2.2. morning from your Counsel the exhibits 23 for today's deposition, and one of those

1 would have been the Declaration of 2 Stephen LeVeque. Do you have that 3 document? 4 Α. Yes, I do. 5 Q. And can you tell me to what you were just 6 now referring, what is it in this 7 document that was new to you? 8 I wouldn't say anything was new except Α. 9 that it was informative with respect to 10 details about various information in a 11 database that has been provided to me 12 that is called the Alabama Felony 13 Conviction and Guilty Pleas Disposed 14 1/1/1983 through 5/1/2019. 15 And can you tell me specifically which Q. 16 details this declaration informed you of? 17 Α. Well, I was able to infer quite a bit of 18 that from the raw data, but it was nice 19 to have -- I guess the individual who 20 pulled the data from the mainframe, to 21 have his specific information about what 2.2. each of these fields entailed. 23 Q. At the time that you wrote your original Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 report, the April report, did you know 2 that the grand total columns included the 3 post-sentence fees? 4 Α. So, I -- I did know that, and my 5 understanding at the time when I started 6 this litigation was that Alabama had at 7 one point included all fines and fees and 8 restitution. And so, it was interesting 9 reading the statement by Chair Gwathney 10 about her interpretation. 11 Thank you. Another exhibit that I Q. Okay. 12 sent your Counsel this morning -- I think 13 it's probably called AOC's snippets and 14 it is a one-page PDF that shows some of 15 the column headings? 16 I see it. Α. 17 Q. I am going to introduce that as Exhibit 18 Six. 19 (At which time, the referred-20 to document was marked as 21 Defendants' Exhibit No. 6 for 2.2. identification.) 23 Q. Do recognize these column headings from Boggs Reporting & Video LLC

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1 that AOC database? 2 Α. Yes, I do. 3 Q. Okay. And there were many, many, many 4 more columns that are not reflected here, 5 correct? 6 Α. It's a very large database. 7 Have I captured in Exhibit Six all of the Q. 8 columns that you actually used in your 9 analysis? 10 No, I don't think so. Because there are Α. 11 multiple charges within a particular row 12 of data, up to I want to say three. 13 so, I used some of those other fields as 14 well. 15 Okay. Have you read any of the expert Q. 16 reports that the Defendants have 17 submitted in this case? 18 Α. No. 19 Are you currently working on any Q. 20 additional written report to file in this 21 case? 2.2. Α. No. 23 Have you reviewed your original report Q. Boggs Reporting & Video LLC

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1 from April and found any errors in it 2 that you have not addressed in the 3 supplemental report? I -- I addressed -- I wouldn't 4 Α. 5 characterize them as errors but different 6 interpretation which I am very 7 transparent and document in my 8 supplemental report. 9 I should also add that there 10 were some things that I didn't respond to 11 in my supplemental report because frankly 12 they were very inaccurate and I didn't 13 think it was up to me to have to define 14 to the State what your data actually entails. 15 16 And so, there are things in my 17 report that are criticized by Chair 18 Gwathney that are actually inaccurate. 19 And footnote 13 on page 19 is something I 20 read with -- you know, very carefully to 21 try to understand how I could have 2.2. possibly made basic math errors. But in 23 fact my report initial report is accurate

and I didn't make basic math errors.

Ms. Gwathney, or whoever wrote this for her, or whoever did the interpretation for her, made errors.

The math errors that are

2.2.

The math errors that are described in that footnote are not math errors. I think it's very important that the State understands that the data that you provided me has many rows that have no information or partial information that are not individuals.

And so, the distinction that I make very clearly in my report are the difference between rows and individuals. Not every row of data — not every row in the data has an individual that can be identified. There is a lot of error in both of those, but particularly the document D005349, which I use in my analysis.

And so, when I append rows of data and keep only the 410 rows from the two datasets when I am appending them,

2.2.

that is different than individuals. And so, the math that you or Ms. Gwathney or whoever did this report for her doesn't understand the nature of the data apparently, which is your data, because many of those rows have information that are not related to an individual. They are gibberish. They are clearly data errors and formatting errors.

And so, I did not think it was

And so, I did not think it was worth my time to respond to something that is very clear in my initial report that you or Ms. Gwathney or her representatives have erred on.

That is one example in which responding to your question that I did not respond to -- that I did not update because my report is accurate.

Q. So, you're saying that there are rows of gibberish that had not been eliminated from your analysis by the time you got to this stage in paragraph 87 of your report?

1 My analysis eliminates those rows of Α. 2. gibberish because there is clearly data 3 entry errors or data formating errors that cannot be linked. If you and your 4 5 team want to take a look at your original 6 data from DOO5349 which has, you know, 20 7 some thousand rows of data, not every one 8 those rows has an individual listed. 9 And so, the distinction that I 10 am making in my report is between rows in 11 a dataset and actual individuals. 12 And where in your report did you explain Q. 13 that? 14 All right. Well, let's pull up my Α. 15 report. 16 And again, you know, I am very 17 careful with my language, and I am very 18 careful with my data. And even when I am 19 confronted with very messy datasets such 20 as this one, I try to be very precise 21 with my language. 2.2. So, let me go to my original 23 And I suppose that you actually

1 referenced it, in paragraph 87 you say. 2 I am going to paragraph 87 in my original 3 report. And yes, here I am at page 64 4 5 of my original report. In it I say (as 6 read) "I draw on two data files 7 containing information from the Alabama 8 Board of Pardons and Paroles of CERV 9 applicants from 2008 forward. By 10 appending the 22,365 rows included in 11 D005349 with the 2,618 rows included in 12 the D200069 supplement" -- parenthesis --13 "(but retaining only the D200069 records 14 for the 410 individuals in both files)," 15 -- end parenthesis -- I find that there 16 are a total of 23,316 individuals who 17 applied to have their voting rights restored, what I refer to as CERV 18 19 Applications." 20 Q. And I --21 There is a distinction between rows in a Α. 2.2. dataset and individuals. And that is 23 because the datasets that you have

1 provided, most notably the very important 2 D005349, has hundreds if not thousands of 3 rows that are, for lack of a better word, gibberish. 4 5 MS. MESSICK: And I am 6 going to object to the form of 7 that response. 8 And I am going to remind you that my Q. 9 question five minutes ago was: Where in 10 your report did you explain that there 11 were multiple rows of D005349 that 12 contained gibberish and that you were 13 taking them out of your report? 14 I do see that in paragraph 87 15 you switch from the word "rows" to 16 "individuals." I do not see where in 17 your report you explain the distinction. 18 And so, I -- that is what I am 19 asking you for. Where in your original 20 report --21 MS. LANG: Object to the 2.2. form. 23 Α. Again I am very precise with my language. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 I distinctly used "rows." And I 2 distinctly used "individuals." The 3 reader should be able to -- it's not my It's the State's data -- know that 4 5 there are rows in this dataset that do 6 not contain information about an 7 individual. They are -- for lack of a 8 better word -- gibberish. 9 What is your understanding of which Ο. 10 felons are disenfranchised in Alabama? 11 What is the -- how is it that a 12 person comes to be disenfranchised as a 13 felon in Alabama? 14 So, can you provide me with a little more Α. 15 context as to when? The law has changed 16 quite a bit over time, my understanding. 17 Q. I am asking you to explain to me your 18 understanding of current Alabama law as to which felon -- which felonies are 19 20 disenfranchising? 21 Felonies that fall under the current Α. 2.2. statute -- what I refer to as House Bill 23 282 -- that define crimes of moral Boggs Reporting & Video LLC

1 turpitude. 2 If a felon has lost his voting rights due Q. 3 to a conviction for a felony of moral turpitude --4 5 I missed the first part of that. Α. 6 a little muffled. I'm sorry. 7 If a felon has been convicted of a felony Q. 8 of moral turpitude and therefore lost his 9 voting rights in Alabama, are you aware 10 of any ways that that felon may be able 11 to get his voting rights back? 12 Yes. Α. 13 And what are those ways? Q. 14 Well, the main way is applying for a Α. 15 CERV, a certificate that you would apply 16 for. 17 Is there any other way? 0. 18 I image that there is a pardoning process Α. 19 like most states have. 20 I would like to ask you to look at page Q. 21 23 of your April report. 2.2. Α. Yes, ma'am. 23 At the very top line you refer to people Q. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 (as read) "who under H.B. 282 are 2 disqualified from having their voting 3 rights restored." What do you mean by that? 4 5 Α. I would like to go back to the beginning 6 part of that sentence since that's the 7 end of a clause. 8 So, I write here as the last 9 part of that clause on the top of 23, (as 10 read) "who under H.B. 282 are 11 disqualified from having their voting 12 rights restored." 13 And you are asking me what does 14 that mean? 15 Ο. Yes, please. 16 It means that the individuals were Α. 17 disqualified because they committed a crime defined by the State Legislature as 18 19 of moral turpitude. 20 It doesn't say that they can 21 apply at some point to have their voting 2.2. rights restored but they've been 23 disqualified.

1	Q.	Well, what you've said is that they are
2		disqualified from having their voting
3		rights restored by H.B. 282. Is it your
4		understanding that H.B. 282 speaks to
5		restoration at all?
6	Α.	Oh, sure. I the language there is not
7		as artful as it could have been.
8	Q.	How many hours would you say you spent on
9		your April report?
0	Α.	I would say between 30 and 40 on that
1		report.
2	Q.	And how many hours would you say that you
3		spent on your supplemental report?
4	Α.	I would say between 20 roughly 20 or
5		30.
6	Q.	Are you familiar with the eligibility
7		requirements for a felon to achieve a
8		Certificate of Eligibility to Register to
9		Vote?
0	Α.	Am I familiar with the procedures?
1	Q.	No, the requirements. Do you know what
2		makes a felon eligible to receive a
3		Certificate of Eligibility to Register to

1 Vote? 2 I can't list all of the criteria off the Α. 3 top of my head, but I've certainly seen that certificate, the CERV. 4 5 Can you list any of the criteria? Q. 6 Α. Well, paying off one legal financial 7 obligation. 8 And can you list any others? Ο. 9 Not off the top of my head, no. Α. 10 Did you address any of the other criteria Q. 11 in your report at any point? 12 No, I did not. Α. 13 Are there data from any other sources Q. 14 that you did not have for your report 15 that you would have liked to have had? 16 Well, absolutely. I would have liked to Α. 17 have had the information about the reason 18 a CERV was denied in a way that was easy 19 to digest. I -- I have to say again --20 Actually you don't. My question --Q. 21 -- while I'm on the record --Α. 2.2. Q. My question is not what criticisms 23 you have of the data you had.

1 My question is: What other 2 data, if any, would you have liked to 3 have had from some other source? For instance, would you have 4 5 liked to have had any data from the 6 Department of Corrections? 7 MS. LANG: Object to the 8 form. 9 It's -- Yes. So, I would like to have Α. 10 from the Department of Corrections more 11 complete information about an AIS number 12 for instance. There are hundreds of 13 thousands, over hundreds of thousands 14 that don't have that information 15 presumably the State of Alabama tracks 16 its convicted felons and they all have an 17 AIS number. The data that I received 18 doesn't have that. 19 I would presume that the CERV 20 data -- presumably there is actually a 21 record of individuals who had applied 2.2. that were rejected. One of the things 23 that I note in my report is that it is

1 overridden. When an individual finally 2 achieved CERV and has his or her voting 3 rights restored, it overrides other denials. 4 5 So, in many ways my estimates 6 are underreported with respect to the 7 denials because I don't have that. 8 Presumably other snapshots of that 9 database would have that information. 10 So, that -- that is information that I 11 would love to have. 12 So, again off the top of my head it's difficult to -- to come up with 13 14 an exhaustive list, but certainly the 15 State of Alabama has to have records that 16 can identify an individual in a way that is precise, and an AIS number is one that 17 18 would do that. 19 Did you make any effort to get data from Q. 20 the Alabama Department of Corrections? 21 Α. So, I have been an expert in dozens of 2.2. cases. I have never gone outside of my 23 Counsel to request data. And I certainly

1 wouldn't be requesting data from the 2 defendant in a case where I am working 3 for the plaintiff. Just as if I was a 4 defendant expert, I wouldn't be asking 5 the plaintiffs for their data. 6 not the job of an expert. 7 I understood your testimony in the Q. 8 Florida felon voting trial to indicate 9 that you had in fact done many 10 information requests to various offices. 11 Did you in fact do multiple 12 data requests for that litigation 13 yourself? 14 So, the data that I collected in that was Α. 15 not part of the litigation. It was 16 actually my work for the Florida ACLU. 17 So, I was independently 18 contracted by the Florida ACLU to put 19 together data. 20 And then the Florida ACLU hired you as an Ο. 21 expert in that case and you used that 2.2. same data? 23 Α. I was hired by the National ACLU to do Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 the expert work. But the Florida ACLU 2 owns the data that I put together. 3 hired me to put together a database. 4 0. We have been talking some about the 5 database from the Administrative Office 6 of Courts earlier. That's what Exhibits 7 Five and Six were about. 8 In your report, did you rely 9 only on the 2019 data from the Alabama 10 Administrative Office of Courts? 11 Α. It's hard for me to remember since I 12 started this work in I want to say 2018, and I have received different craunches 13 14 of data. My practice is to use the most 15 recent data that I have received. 16 Q. Do you remember doing any analysis of the 17 2018 data? 18 I may have done analysis of that, but the Α. 19 way that I work is it is replaced as soon 20 as I get new data. 21 On page six of your April report in Q. 2.2. footnote one, you say that (as read) "All 23 CERV applications that have a VR status Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

field that includes out-of-state are 1 2 dropped." 3 Do you see that? I'm sorry. I missed the first part. 4 Α. 5 It's in my original report you said? 6 Q. Yes. On page six, the last sentence of 7 footnote one. 8 Α. Okay. Yeah. 9 My question to you is: Why did you drop Q. 10 those records? 11 So, I'm trying to be as transparent as Α. 12 possible in my report. And again I would 13 have to go and take a specific look at 14 that fairly long footnote. 15 Please take all the time that you need to Q. 16 read it. 17 And will you just ask me again Α. 18 specifically now that I am there what the 19 question is. 20 So, the last sentence of the footnote Q. 21 says that you dropped certain records. 2.2. And I am asking you why you dropped them. 23 Α. Yes. Thank you. I had forgotten the Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 specifics looking at this. So, it's the 2 last sentence --3 Ο. Yes? -- of that footnote? Yes. 4 Α. 5 So, the reason that I dropped those that had a VR status of 6 7 out-of-state is because I couldn't 8 reliably be able to link them using my 9 method of name and race and county. 10 And you're talking there about the Q. 11 concatenation methodology that you used 12 in this case? 13 Correct. Α. 14 And I am a little confused about that. Ο. 15 Tell me again which fields you used. 16 So, I'm looking here at that full Α. 17 footnote and maybe I'm confused. Sorry. 18 But it does look like I am 19 using just the CERV database using the 20 unique AIS numbers here. So, my 21 apologies. 2.2. Q. Okay. So, we will come back to 23 concatenation later. Boggs Reporting & Video LLC

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1	Α.	Correct. I'm sorry. Again that was a
2		long footnote and I rushed through it.
3	Q.	No, that's fine. But it sounds like the
4		earlier answer you gave me about your
5		concatenation is not actually a reason
6		for dropping out-of-state records at this
7		point.
8		So, is there any other reason
9		
10	Α.	Correct.
11	Q.	that you can think of as you sit here
12		today why you dropped those?
13	Α.	No. I I again I want to say that
14		it was a while ago when I wrote that code
15		in terms of trying to understand the VR
16		status field. I was trying to understand
17		whether or not an individual is eligible
18		or not eligible and living out-of-state
19		seemed to be outside of that question of
20		whether or not an individual has paid off
21		his or her restitution implying fees from
22		that initial charge.
23		So, the lives out-of-state as I
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1 recall was a common -- not so common 2 field in the -- the VR status field. 3 Q. So, you understand out-of-state to refer 4 to where the CERV applicant lives? 5 I -- I wouldn't presume that, no. I Α. 6 don't know. 7 Okay. Do you know what it does refer to? Q. 8 Again I was not provided a code book for Α. 9 that when I was hired to do this work. 10 On page eight of your April report, in Q. 11 paragraph 10, the first sentence says 12 that your analysis excludes -- well, that 13 your analysis focuses on persons with --14 Hold on. Let's do it this way. 15 Can you read aloud the first 16 sentence of paragraph 10 on page eight of 17 your April report? 18 (As read) "My analysis of the Α. Yes. 19 number of persons in Alabama with felony 20 convictions excludes all individuals with 21 an out-of-state or federal felony 2.2. conviction." 23 Okay. Now to be clear, if somebody -- if Q. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 a felon living in Alabama has a felony 2. conviction from the Alabama court system 3 and also an out-of-state conviction, is 4 that person included in your data but the 5 out-of-state conviction is not? 6 Α. So, let me try to be very clear. 7 no data on individuals living in Alabama 8 who were convicted of either a federal 9 crime as a felony that would not allow 10 them to have their voting rights in 11 Alabama, nor do I have any information of 12 anyone convicted of an out-of-state 13 felony that under Alabama law would not 14 allow them. 15 That is not to say that I am 16 excluding people who were convicted in 17 Alabama of a felony from my analysis. 18 just do not know if those individuals 19 also had a federal or an out-of-state 20 felony conviction. 21 Do you have any concerns that that lack Q. 2.2. of data impacted your analysis? 23 For instance when you're Boggs Reporting & Video LLC

1 running percentages of felons, that those 2 percentages might not be accurate because 3 you don't have the entire data pool? 4 MS. LANG: Object to the 5 form. 6 Α. I am not concerned when it comes to the 7 Alabama felons under state law. I am 8 certainly concerned that I am 9 underestimating the total number of 10 individuals in Alabama who might not be 11 able to have their voting rights restored 12 because of an out-of-state conviction or 13 a federal conviction. But again I don't 14 have that information. 15 So, my results are actually 16 bias against an inflated number. 17 Q. I understand why some of your results 18 might be bias in that way. What I'm 19 trying to get at is aren't there 20 situations where the impact of the 21 absence of that data is unknown? 2.2. Α. Again --23 Q. For instance --Boggs Reporting & Video LLC

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1 MS. LANG: Object to the 2 form. 3 My -- my report is focusing purely on the Α. 4 administrative data that the State of 5 Alabama has provided. I am not making 6 any inferences about other individuals 7 living in Alabama who may have a felony 8 conviction from another state or from a 9 federal court. 10 So, it is very conservative in 11 that sense that I am using the state 12 administrative data. I am not making 13 inferences about a voter population. is limited to the administrative data of 14 15 the State of Alabama. 16 You say on page five of your April report Q. 17 that you have control for the 18 disproportionate of felony convictions 19 generally in the black community. 20 Why was it necessary for you to 21 do that? 2.2. Α. So, in that --23 MS. LANG: Object to the Boggs Reporting & Video LLC

1 form. 2 In that sense, I am just looking Α. 3 at situating felony convictions in the larger realm of felony convictions in the 4 5 state. 6 Q. Where in your April report do you explain 7 how you have controlled for the 8 disproportionate rate of felony 9 convictions generally in the black 10 community? 11 Α. I can walk you through some of the 12 figures that try to do that. But it's 13 basically conditioning on things like the 14 voting age population of African 15 Americans in Alabama and looking at their 16 rate of felony convictions relative to 17 their population. 18 Without walking me through the figures, Q. can you just tell me which figures you 19 20 are referring to? 21 Sure. Let me scroll down and see if I Α. 2.2. can find a representative chart or two. 23 So, if we look at Figure 9 for

1 instance in my April report, on page 41, 2 what I have tried to do here is show that 3 on the X-axis, the percent black 4 population in a county and on the Y-axis, 5 look at the percent black persons who 6 have their voting rights -- who have lost 7 their voting rights, excuse me. 8 And --Q. 9 And so in this sense, I am effectively Α. 10 conditioning on black population to get a 11 sense of the rate of individuals who are 12 black in this county who have lost their 13 voting rights. 14 But how in this figure have you actually Q. 15 controlled for the disproportionate rate 16 of felony convictions? 17 To do that, wouldn't you have 18 needed to compare black felons to black 19 felons who have lost their voting rights 20 rather than instead using a general 21 population number? 2.2. Α. Yeah. So, we can turn our attention to a 23 previous figure in terms of -- let's take

Figure 3.

2.2.

So, I have broken down individuals who prior to H.B. 282 were convicted of felonies. And because we didn't have a standard legislative statute on which crimes because it was left up to individual county boards to determine a crime of moral turpitude to allow that Board to not allow the individual to vote or remove the individual from the voting roles, I used H.B. 282 standard and applied it to this time period from '93 to 2017.

And so, here the universe is
Alabama convicted felon from '93 to 2017
who are black. I am applying the
standard from H.B. 282 with respect to
the crime that they were convicted of and
then applying it across the 67 counties
to get a sense of whether or not black
individuals were more likely to be
convicted of a crime that under H.B. 282
would disqualify them from voting.

1 So, that's the sense of trying 2 to condition. And I do that also post 3 H.B. 282 limitation. 4 Ο. Right. So --5 And for the white individuals as well. Α. 6 Q. So, Figure 3 is prior to the 2017 law for 7 blacks, correct? 8 Α. That's correct. 9 And then Figure 4 is after the Q. 10 implementation of the 2017 law for 11 blacks? 12 That's correct. Α. 13 And then Figure 5 is pre-implementation Q. 14 for whites? 15 Α. Yes. 16 And Figure 6 is post-implementation for Q. 17 whites? 18 That's correct. Α. 19 And you have applied the 2017 law against Q. 20 both time periods, before and after 21 implementation, correct? 2.2. That is correct. Α. 23 Q. And --Boggs Reporting & Video LLC

1 It's kind of a thought experiment for the Α. 2 pre-2017 implementation obviously. 3 0. And you just made some statements about 4 how the law operated before 2017. 5 that actually anything that you studied 6 as part of -- Is that anything that you 7 are opining on? Let me say that. 8 Are you offering any opinion on 9 how moral turpitude was applied prior to 10 Alabama Act Number 2017-378 which you 11 refer to as H.B. 282? 12 I'm not opining to individual county Α. 13 board decisions on how to define moral 14 turpitude, correct. 15 Are you opining on the role of the Q. 16 Board's of Registrars with respect to 17 moral turpitude? 18 I think broadly my study if you take the Α. 19 definition from that statute and apply it 20 to past determinations, you could infer 21 from that. But I am not specifically 2.2. looking across the 67 counties for their 23 specific determinations prior to 2017.

1 What is -- looking at Figure 3, what Ο. 2 would perfect correlation be? 3 MS. LANG: Object to form. I don't really know how to use that term 4 Α. 5 with respect to this figure. I suspect 6 one could understand that if black 7 individuals, pre-implementation of 282, 8 were equally likely to have committed a 9 felony to commit a felony defined as 10 moral turpitude and not moral turpitude, 11 then all of the circles with -- of the 12 these 67 counties would line up on a 13 45-degree line. 14 And if they did, they would have a Q. 15 correlation of 1 percent; is that 16 correct? 17 You don't use percent when dealing with Α. 18 correlations. But it would be even with 19 respect to the likelihood of an 20 individual having a conviction that was 21 defined as moral turpitude using the 2017 2.2. definition as not being convicted of a 23 crime with moral turpitude.

1 How do you measure correlation? Ο. 2 I thought it was 1 percent. 3 You said I'm wrong. So, how do you measure correlation? 4 5 Again there are a lot of different ways Α. 6 that that term is used. We can use it in 7 terms of looking at how related two 8 different items are, and it usually goes 9 from zero to one, from zero to one. 10 Okay. So -- to one. At what point is a Q. 11 correlation considered to be strong on 12 that scale of zero to one? 13 Again that is --Α. 14 MS. LANG: Object to form. 15 It's not really relevant to what I am Α. 16 doing because I'm not doing any 17 correlation analysis here. I am merely 18 plotting out the rates of individuals in 19 each of the counties that were black in 20 Figure 3 that were convicted of a felony 21 conviction that was either a 2.2. disqualifying felony under H.B. 282 as 23 applied or not. Boggs Reporting & Video LLC

1 So, it's not really the correct 2 terminology to be using here, 3 correlation. One could say that if all of the circles lined up on that 45-degree 4 5 line, that black individuals would be 6 equally likely to be convicted of a 7 disqualifying and a non-disqualifying 8 felony conviction in each of the 9 They would obviously be at counties. 10 different rates, but that is how that 11 figure should be interpreted. 12 Isn't the plotting of that data showing Q. 13 -- Aren't you taking from how close a 14 data point is to the line some information? 15 16 Oh, certainly. You can take information Α. 17 from the thought, yes. And I tried to 18 explain that in the paragraphs that 19 precede that figure. 20 How far from the line does any data point Q. 21 need to be for a county for you to 2.2. believe that the relationship is 23 meaningful or sub --

1 MS. LANG: Object to form. 2 Ο. -- or substantive? 3 Α. So, I -- again, I'm not here to opine on what meaningful or substantial is. 4 5 is not a statistical analysis. 6 using the administrative data from 7 Alabama and merely plotting the 8 percentage of individuals who are black 9 in this particular plot, and the line is 10 merely a reference point. It's very easy 11 to see that most of the county circles 12 fall below the 45-degree line in this 13 plot, meaning that most of the counties 14 have individuals who are black, convicted 15 of a felony con -- felony that would 16 disqualify them under H.B. 282. 17 Q. Is it your testimony then that you are 18 not drawing any sort of causation 19 relationship between the two variables in 20 Figure 3? 21 MS. LANG: Object to form. 2.2. Α. So, I am merely taking the State's 23 administrative data and plotting it in a Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 way that I think is easy to interpret 2 with respect to the rate that black 3 individuals, in this particular Figure 3, are convicted of felonies during this 4 5 time period that under H.B. 282 would 6 disqualify them or not disqualify them. 7 MS. MESSICK: Let's take 8 just a five-minute break, 9 please. 10 MS. LANG: Okay. 11 (At which time, a brief 12 recess was held.) 13 BY MS. MESSICK: 14 I would like to ask you to look, please, Q. 15 at paragraph 31 of your report on page 16 24? This is --I was hoping before -- before doing so --17 Α. 18 I looked at my email a little more 19 carefully, and I did send an updated 20 report, supplemental, on Monday. I think 21 I said Sunday earlier, but in fact I made 2.2. some minor revisions on Monday. I've 23 been traveling, so it was some blur Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 through that travel that I updated it. 2 Q. Thank you. 3 On page 24 of your report, 4 paragraph 31, proceeds Figure 3. And can 5 you explain paragraph 31 as if I am an 6 undergrad student? 7 MS. LANG: Object to form. 8 I am just trying here to plot out Α. 9 the rate of black individuals convicted 10 of a felony by county that would, under 11 H.B. 282, disenfranchise them because of 12 crime of moral turpitude or not. 13 And so, I am merely just trying 14 to visually put those 67 counties to see 15 what rate would be on one side versus the 16 other side of that 45-degree line. And are you drawing any conclusions from 17 Q. 18 that plotting? 19 I am drawing the conclusion that Α. 20 black individuals during this period of 21 time, prior to implementation if we were 2.2. to use H.B. 282 as a standard, are more 23 likely to be disqualified of their voting Boggs Reporting & Video LLC

1 rights because of the felony conviction 2 being one of moral turpitude. 3 0. Are you trying -- Does Figure 3 say 4 anything about causation? 5 It doesn't say anything about Α. 6 causation. But I'm not really sure what 7 you're referring to with respect to 8 causality. 9 And does Figure 3 reflect any information Q. 10 about the -- the disproportionate rate of 11 felony convictions generally in the black 12 community? 13 I'm not --Α. 14 MS. LANG: Object. 15 -- really sure what you're asking there. Α. 16 Q. Okay. Let's move on to something else. 17 We might come back to this later. 18 I would like you to look at 19 page 10 of your April report. At the top 20 of the page, could you read for me the 21 sentence that begins "in short"? 2.2. Α. Sure. (As read) "In short, it is clear 23 that individuals face significant Boggs Reporting & Video LLC

economic barriers as a result of a felony 1 2 conviction. As such, formerly 3 incarcerated individuals are usually 4 unable to pay their assessed LFOs because 5 they face significant economic barriers." 6 Excuse me. Yes. 7 Okay. And my question was directed at Q. 8 the sentence beginning "in short." 9 Where if anywhere in the four 10 corners of your report do you demonstrate 11 a causal connection between the -- a 12 felony conviction and the economic 13 barriers you refer to in that sentence? 14 Α. Sure. 15 MS. LANG: Object to the 16 form. And before you answer, 17 Dr. Smith, I -- I lost where we 18 are. Can you remind me so that 19 I can follow along? 20 MS. MESSICK: It's on page 21 10, the first full sentence. 2.2. It begins on the top line, "in 23 short."

1 MS. LANG: Okay. Thank 2 you. 3 Α. So, that sentence is referring to 4 the paragraph previous, that is -- it 5 runs from page eight to page nine. 6 And in that I am merely 7 summarizing some of the scholarship and 8 reports that have been issued that look 9 at the relationship between things like 10 income and how income is generally lower 11 among those who have been incarcerated, 12 looking at what is known as a wage 13 penalty for those individuals post 14 conviction of a felony, in that they earn 15 less; that unemployment rates are higher 16 among individuals who have a felony conviction, and that homelessness which 17 18 is tied to imminency is higher for 19 formerly incarcerated individuals. 20 So, all of these are from 21 studies that have shown the earning 2.2. potential, the income, the access with 23 respect to a home, say, or not of

1 individuals who have faced a felony 2 conviction. 3 Has each of the studies that you relied 0. on demonstrated causation, that the 4 5 felony is the reason for those results? 6 Α. So, certainly there have been studies. 7 Chris Hogan is probably the person 8 leading this area of research -- he's a 9 sociologist at University of Minnesota I 10 believe -- that have looked at 11 individuals with felony convictions doing 12 multi-various analysis and finding either 13 earning potential or the wealth being lower for those individuals. 14 15 So, other scholars have 16 certainly looked at the effect generally 17 of a felony conviction on any one of 18 these outcome variables, homelessness, 19 income, earning potential. 20 And the scholar that you just referred, Q. 21 was that last name Uggen, U-G-G-E-N? 2.2. Α. Correct. 23 Q. In paragraph 14 of your report, which is Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 on page 11, you say that the (as read) 2 "Median household income in Alabama is 3 about \$14,000 less than national household income." 4 5 Does this analysis consider 6 cost of living? 7 No, it does not. Α. 8 MS. LANG: Object to form. 9 Would you agree that the cost of living Ο. 10 is lower in Alabama than it is in other 11 parts of the country? 12 My general knowledge when you're Α. 13 comparing it to national, that is 14 possible. I don't have those figures in 15 front of me. 16 Beginning on page 12 of your report you Q. 17 address median household income and race 18 both in Alabama and nationally; is that 19 right? 20 Α. Yeah. 21 And again do the comparisons of Alabama Q. 2.2. income to national income control for 23 cost of living? Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1	Α.	So, this next section that you're
2		referring to I think is focusing solely
3		within Alabama and looking at white and
4		black in section five that you're
5		referring to on page 12. There may be
6		some also national comparisons.
7	Q.	Yes. For instance
8	Α.	And you will see so, yeah.
9	Q.	Okay. So, there are also national
10		comparisons, for instance
11	Α.	Correct.
12	Q.	in paragraph 16?
13	Α.	Correct.
14	Q.	Okay. And you said yes a minute ago and
15		I'm not sure what you were answering.
16		Are you saying that these comparisons do
17		control for cost of living?
18	Α.	No. Sorry. They do not control for cost
19		of living.
20	Q.	On page 13 of your April report you say
21		that the median household income for
22		whites nationally is \$63,917 with a
23		margin of error; is that correct?

1 Α. Yes. 2 And then the median household income for Ο. 3 blacks nationally, you say in that same 4 paragraph is less than that, correct? 5 Α. Correct. 6 Q. Okay. But two pages earlier you told us, 7 on page 11, that the median household 8 income was 77,483 nationally; is that 9 right? 10 That is what I wrote, yes. Α. 11 Okay. So, I don't understand how the Q. 12 national median household income can be 13 77,463 when the median household income 14 for whites and blacks are both lower than 15 that, if in fact we are still talking 16 about the same measures. Are we talking 17 about something different here? 18 I think this is my, again, inartfulness Α. 19 in drawing data from the census --20 THE COURT REPORTER: 21 sorry? 2.2. -- where I had a three-person household Α. 23 in one example. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 So, I am reliant on the census 2 bureau, ACS data, but very well could be 3 comparing -- drawing on two different data sources there, which I have in front 4 5 of me. 6 MS. MESSICK: Okay. 7 believe the court reporter 8 missed part of that. What I --9 do you want to read back or --10 THE COURT REPORTER: 11 don't know if he'll remember. 12 At the beginning of your 13 response, I have (as read) "I 14 think this is my again in my 15 census I had a three-person 16 household" -- right in there 17 I tried to interject. But I 18 did pick back up and -- I heard the word inartfulness. 19 20 Is that what you in fact 21 said? 2.2. THE WITNESS: I did say 23 inartfulness of my writing in Boggs Reporting & Video LLC

1 paragraph 15, yes. 2 THE COURT REPORTER: Thank 3 you. 4 MS. MESSICK: Thank you. 5 BY MS. MESSICK: 6 Q. On page 13 you do have the median income 7 for blacks is actually lower nationally 8 than it is for whites nationally; is that 9 correct? 10 That is correct. Α. 11 So, that's not just an Alabama Q. 12 experience, that's true nationally? 13 Correct. Α. 14 And in fact haven't you reported in Q. 15 paragraph 16, on page 13, that the median 16 white household income nationally is 17 nearly 60 percent higher than the median 18 black household income nationally? 19 MS. LANG: Object to form. 20 I think that is what I have written Α. 21 I would have to go back and look there. 2.2. more specifically. 23 Okay. And then I will give you a second Q. Boggs Reporting & Video LLC

1 to look at this, but I just want to be 2 clear. In pages 100 through 15 of your 3 report where you're talking about median household income, that entire discussion 4 5 concerns the population generally, it 6 does not focus on felons; is that 7 correct? 8 Α. I would --9 MS. LANG: Object to form. 10 I would clarify to say that it has to do Α. 11 with the population of Alabama but not 12 specific to felons in Alabama, correct. 13 Q. Okay. 14 Not the general population which I think Α. 15 you said. 16 Thank you. Q. Okay. 17 Paragraph 18 of your report is 18 on pages 14 and 15. And on -- it's the 19 end of the sentence on page 15 that I 20 want to ask you about. 21 You there make a reference to 2.2. individuals with a felony conviction who 23 are unable to pay outstanding debts to Boggs Reporting & Video LLC

1 the Alabama court system. 2 By using the phrase 3 "outstanding debts to the Alabama court system," are you meaning to exclude 4 5 restitution payments to the victims of 6 those felonies? 7 No, no --Α. 8 MS. LANG: Objection. 9 I mean, again this is referring as I Α. 10 do throughout my report to legal 11 financial obligation. 12 Okay. And so, there are a couple of Q. 13 other places where you talk about 14 outstanding debts to the court. And you 15 mean the legal financial obligations, the 16 court costs, the fines, the fees, and the 17 restitution? 18 That's -- again probably could Α. 19 have been more clear in terms of who that 20 is owed to, obviously it's to individuals 21 because of restitution as opposed to the 2.2. courts. 23 Q. Okay. Let's talk about the courts for a Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 minute. Let's move to page 16 of your 2 report where you start talking about the 3 AOC file. You have said that there were 4 5 696,583 rows of data; is that correct? 6 Α. So, again -- yes, if you look at just the 7 raw number of rows, that is the 8 calculation. 9 Okay. But then because some rows contain Ο. 10 multiple convictions, there are actually 11 741,932 convictions, correct? 12 Α. Yes. 13 Okay. And then right after -- a few Q. 14 lines after you give us that number, you 15 refer to 97,356 observations. 16 Is an observation a row, a 17 conviction, or something else? I wasn't 18 sure what that -- what you meant by that 19 term. 20 You may not believe me but I spent a lot Α. 21 of time thinking about the language of 2.2. each of these because it is confusing, 23 and I apologize. Boggs Reporting & Video LLC

1 So, an observation is within a 2 It is also across a row. The way 3 that the data file is structured is not how I would have structured the data file 4 5 but so be it. My job is to try to 6 decipher it and analyze it. 7 And so, there are court actions 8 within an individual row. It seems the 9 database if I recall correctly is limited 10 to three separate court actions for an 11 individual. Some individuals might have 12 more court actions, say, on like a given 13 crime spree. And so, the database then 14 goes to another row in which you will get 15 additional court action and one must move 16 it back and connect that second row.

So, I am using the term

"observation" for any one of those

particular court actions that are within
a particular row.

Q. And is a court action the same thing as a conviction where you used -- You had said earlier -- Oh, wait.

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17

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2.2.

23

1 Okay. Each felony conviction 2 includes a court action date. And you 3 have said that there can be multiple 4 convictions on a row. So, it's an 5 observation, a court action, a 6 conviction? 7 I cannot sit here today and precisely let Α. 8 you know that. I -- it's been awhile 9 since I parched that data. 10 Okay. And then at page 17 and 18, I Q. 11 would like to talk about your 12 concatenation methodology. 13 On page 17, in footnote 14, do 14 you see the reference to name, birth 15 date, and county? 16 Yes, I do. Α. 17 Q. And then on page 18, do you see that 18 there are a couple of references to name 19 race and county? 20 Α. Yeah. 21 Okay. So, both of them include name and Q. 2.2. county, one of them includes birth date, 23 the other includes race.

1 Yeah. That's --Α. 2 So, are we talking about different things Q. 3 there or is there a typo? 4 Α. That is -- that is a typo. 5 Q. Okay. So which --6 Α. It should be name, race, county. 7 Name, race, and county? Q. 8 Yeah. My apology. I should have caught Α. 9 that. 10 So, you did not use birth date in your Q. 11 concatenation methodology in this case? 12 That is correct because there were 50,000 Α. 13 some odd missing social security numbers, 14 \$270 000 missing AIS, and 8,000 missing 15 birth dates. And so, I decided to go 16 with the fields that had the most 17 complete. And that was name, county, and 18 race. 19 Okay. For the Florida litigation you Q. 20 used name and race but you also used date 21 of birth and sex; is that correct? 2.2. I -- I think that is correct. Α. 23 Q. Are you confident that the methodology

1 here which was not able to include date 2 of birth is sufficiently reliable for 3 purposes of your work here? I think --4 Α. 5 MS. LANG: Object to the 6 form. 7 I think it's reliable for what it is, and Α. 8 that is that I got a lot of missing data 9 from that AOC database. And so, I had to 10 make a decision on how to link records 11 when for whatever reason the State has 12 not provided AIS numbers. 270,000 of 13 these rows of the 690 something thousand. 14 I would love to be able to use 15 a unique ID number that the State has, 16 but the database doesn't have that, at 17 least the database that I received. 18 So, I had to come up with a way 19 to try to link individuals who might be 20 in the database multiple times. 21 So, the 8,849 rows of missing birth Q. 2.2. dates, that's of the total database of 23 nearly 700,000 rows, correct? Boggs Reporting & Video LLC

1 Yes, that's correct. Α. 2 And did you -- most of your analysis Q. 3 doesn't actually involve all seven -nearly 700,000 rows. You move to unique 4 5 individuals with a felony -- with at 6 least one felony conviction, correct? 7 Α. That's correct. 8 And I've got that there are 363,511 Q. 9 unique individuals with at least one 10 felony conviction? 11 Α. Using my methodology to link them, 12 correct. 13 (Thereupon, a discussion was 14 held off the record.) 15 MS. MESSICK: Let's go 16 back on the record. 17 BY MS. MESSICK: 18 Okay. I would like to ask you to turn to Q. 19 page 19 of your April report and focus 20 your attention on paragraph 24. 21 Α. Yeah. 2.2. Q. And you say there, quote, (as read) 23 "Drawing on the AOC file, following the Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 steps outlined above, it is possible to 2 compare the percentage of black 3 individuals residing in each county with 4 the percentage of black individuals with 5 a felony conviction in each county, " end 6 quote. 7 Did I read that correctly? 8 Α. Yeah. 9 And when you refer to black individuals Ο. 10 residing in each county, you are talking 11 about data that you're getting from the 12 United States census; is that correct? 13 Not -- I am referring to two things Α. 14 there. I am referring to, yeah, census data in terms of black individuals 15 16 residing in each county. And I'm 17 referring to the AOC data that allows me 18 to identify black individuals with a 19 felony conviction in each county. 20 Q. Okay. So, I was focused on the first 21 part. Basically one of those is the 2.2. X-axis and one of those is the Y? 23 Α. That's correct.

1 And when you refer to residing in each Q. 2 county, in the second line of the first 3 sentence of paragraph 24, that data is coming from the census? 4 5 Α. Yes. Correct. 6 Q. Okay. And then at the end of that 7 sentence where you refer to black 8 individuals with a felony conviction in 9 each county, at that point you're using 10 the AOC data? 11 Α. That is correct. 12 And was it your understanding at the time Q. 13 that you did this that the AOC data about 14 county reflected the county of residence 15 of the criminal defendant? 16 MS. LANG: Object to the 17 form. 18 So, I missed the -- the first part of Α. 19 that in terms of was it my understanding 20 -- sorry. 21 Okay. So, when you refer to black Q. 2.2. individuals with a felony conviction in 23 each county, are you saying that those Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 black individuals reside in that county? 2 I'm saying that I am using the data Α. 3 as inputted by the Alabama Administrative Office of Courts of where that 4 5 individual's county is. 6 (At which time, the referred-7 to document was marked as 8 Defendants' Exhibit No. 5 for 9 identification.) 10 Could you look, please, at Exhibit Five, Q. 11 the Declaration of Steven LeVeque? 12 Sure. Α. 13 And I would direct your attention to Q. 14 paragraph six? 15 Α. Yeah. 16 So, in paragraph six, Mr. LeVeque Q. 17 explains that county refers to the county 18 where the conviction occurred; is that 19 correct? 20 Α. Yeah. 21 That's what it says? Q. 2.2. Did the AOC database contain 23 information about the county of residence Boggs Reporting & Video LLC

1 for the criminal defendant? 2 I don't think so. I think it has the Α. 3 county in which an individual was convicted. 4 5 So, how is it meaningful to compare who Q. 6 is convicted in a county to who lives in 7 a county? 8 So, I am limited unfortunately by the Α. 9 data that I am provided by the State. 10 And so, I am using the county information 11 that I have from the AOC. 12 Okay. And you plot your findings from Q. 13 this data on Figure 2 which is on page 20 14 of your April report? 15 Let me go back to that. Yeah. Α. 16 And your findings in Figure 2 hold across Q. 17 every single county in Alabama, including 18 where the leadership is heavily African 19 American? 20 Α. That is correct. 21 Okay. Turning to page 21 of your report, Q. 2.2. in paragraph 26, you discuss 23 consideration of which felony convictions

1 are disenfranchising. 2 Α. Yeah. 3 Q. How did you manage those rows of data 4 where there were multiple convictions for 5 a single felon? 6 Α. Yes, that's a good question. And it's 7 one of the first things that I had to 8 decipher. 9 So, I was able to loop through 10 the database in each row and find if any 11 of the 46 categories was a -- was in that 12 row and then note and flag that row as 13 having a felony under H.B. 282 that was a 14 disqualifying felony. 15 So, did you basically add a column to the Q. 16 database where you had some sort of 17 indicator that this is a felon that has 18 one of these 46 felonies? 19 I'd be lying if I told you how I did Α. 20 that. I either pulled it out of a 21 separate table or I created a flag. 2.2. cannot remember. I did this awhile ago. 23 Q. Thank you. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 And then on page 22 you tell us 2 that you determined that some 37 percent 3 of the individuals in the AOC data file 4 have at least one felony conviction for a 5 felony of moral turpitude; is that 6 correct? 7 You're referring to Table One? Α. 8 I'm referring to paragraph 28, just under Q. 9 Table One. And --10 So --Α. 11 The 135,579 individuals is in Table One, Q. 12 and then in paragraph 28 you say that's 13 37 percent? 14 Correct. I think if you divided 135,579 Α. 15 into 367,511, you would get 37 percent. 16 So, 63 percent of the felons in the Q. 17 database that you were looking at are 18 allowed to vote under current Alabama 19 law; is that correct? 20 So, of this 363,511 individuals, I was Α. 21 able to identify from the AOC, yes, that 2.2. is the inverse of the 37 percent. 23 Q. And then in paragraph 29 you say that the Boggs Reporting & Video LLC

1 2017 legislation -- which you refer to as 2 H.B. 282 -- "further skews the racial gap 3 with respect to disenfranchisement by 4 disproportionately impacting black 5 individuals." 6 Do you see that? 7 Yes, I do. Α. 8 And when you say "further skews," what is Q. 9 it that you are comparing to? 10 I think I am comparing that to the Α. 11 overall rate. 12 Looking at paragraph eight, I understood Q. 13 the comparison to be -- okay. Hold on 14 one second. 15 (Brief pause.) 16 Q. Okay. Tell me one more time what you're 17 -- you said that you were comparing it to 18 a rate, and I didn't understand what the 19 rate is. 20 I think we might need to go back and --Α. 21 Okay. So let's --Q. 2.2. Α. -- reask. 23 Q. -- go back. The end of paragraph 29 Boggs Reporting & Video LLC

1 refers to the 2017 legislation as further 2 skewing a racial gap. 3 And so, I am trying to understand what you are comparing the 4 5 impact of the 2017 legislation to. 6 Α. I'm referring to the analysis I did prior 7 to H.B. 282's implementation. 8 And that analysis looked at who would Q. 9 have been disenfranchised if the 2017 law 10 was in effect earlier than it was. 11 Α. Again, it's a hypothetical since we don't 12 have a measure available on how the 13 individual boards were doing it. 14 MS. LANG: I think it 15 might be helpful if we look at 16 Table One. 17 MS. MESSICK: I actually 18 have quite a few questions 19 about Table One in a minute. 20 MS. LANG: Sure. But I 21 think that -- you know, the 2.2. discussion after Table One 23 included in paragraph 29 is

1 easier to decipher in reference 2 to Table One about racial gaps. 3 BY MS. MESSICK: In Table One have you controlled for the 4 Ο. 5 disproportionate rate of felony 6 convictions generally in the black 7 community? 8 MS. LANG: Object to form. 9 I'm not sure what you mean by "controlled for." There is a 10 11 column that is dedicated to 12 total felony convictions broken 13 out by rate. 14 So, I don't know how you 15 can control for that rate 16 when it is part of the table 17 itself. 18 MS. MESSICK: I would like 19 the witness's answer, please. 20 I mean, Table One has a lot of Α. 21 data in it. It is derived from the AOC 2.2. database. I provide a column of total 23 felony convictions and percent that add Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

2.2.

up to 353,511 individuals. I break that down by race. You can see here that white commit out of that total -- account for more than 50 percent.

I think that's the wrong metric in some ways to think about because the population of Alabama is around 70 percent white and about 26 percent African American. And so, you can look at that number and say a higher percentage of whites and blacks are convicted of felonies over this time period, but in fact blacks are disproportionately more likely to have committed a felony than whites.

If you go to the next column where I am filtering effectively where all the crimes under H.B. 282 would be a disenfranchising criminal conviction, you can see in fact that blacks do worse in that. Relatively speaking, they account for over 50 percent of crimes of moral turpitude out of that 135,579.

1 Ο. In each --2 So, that's the point of this table, to Α. 3 think relative to column one which is the 4 percentage of voting age population which 5 I characterize as 70 percent white for --6 according to that census data, and 7 26 percent for black. 8 Okay. And looking at Table One, if I add Q. 9 the percentage white and the percentage 10 black, I am going to get pretty close to 11 1 percent. There are some other who have 12 not been included here, right? 13 And that's a curiosity of the data in Α. 14 that you will get closer to 100 percent 15 in those initial columns than you will in 16 the last column. 17 So, I can only infer from that 18 that the Administrative Office of Courts 19 has come up with maybe a different coding 20 scheme for race and ethnicity because 21 that last column doesn't get you to 2.2. 100 percent. 23 Q. Okay. So, the first four columns get you

1 to 100 percent or pretty close? 2 Α. Correct. 3 Q. And the last column gets you closer to 4 82 percent? 5 That's correct. Α. 6 Q. And you think that there must have been 7 some sort of change in the AOC coding to 8 explain that nearly 20 percent 9 difference? 10 So, again off the top of my head, it's Α. 11 either a change in coding accounting for 12 more people to be a mixed race or 13 Hispanic. It's missing data for that 14 more recent period. I can't tell you off 15 the top of my head which it is, but 16 clearly we're not at 100 percent like in 17 the previous columns. 18 And I think I note that in 19 footnote 19 of my report. 20 Right. But that doesn't address a nearly Q. 21 20 percent difference? 2.2. Again this is something that you should Α. 23 ask your AOC. Boggs Reporting & Video LLC

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1	Q.	You don't think it's because 3,548 is
2		more than 37.2 percent of the number in
3		Table Three column three, the 68,428?
4	Α.	That is another possibility. Should we
5		do the math?
6	Q.	If you've got a calculator there, I would
7		like you to do it because I'm getting it
8		much closer to 50 percent?
9	Α.	And it could be a scrivener's error.
10		MS. LANG: I'm sorry
11	Α.	Again I'm doing it off the top of my
12		head.
13		MS. LANG: I'm I'm
14		lost.
15		MS. MESSICK: We are
16		dividing
17		MS. LANG: Number three
18		MS. MESSICK: We are
19		dividing 3,548 by 68,428.
20		These are the totals in columns
21		three and five of Table One in
22		the row for blacks.
23		MS. LANG: Wait. I don't
		Boggs Reporting & Video LLC

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1
                       think that that's --
 2
             I don't think that's it.
        Α.
 3
                             MS. LANG: -- the numbers
 4
 5
             I don't think that's -- Correct. Because
        Α.
 6
             I am looking at these numbers as well,
 7
             this math, and in fact 4242 plus 3548
8
             equals 7,790.
 9
                        So, that difference are people
10
             of different race and ethnicity according
11
             to the AOC.
12
                             MS. LANG: And to be clear
13
                        3,548 divided by 9,532 is
14
                        37.2 percent.
15
                             MS. MESSICK: Okay.
                                                   That
16
                        is --
17
             Absolutely.
        Α.
                             MS. MESSICK: -- not what
18
19
                        I was dividing.
20
                             MS. LANG: Right.
                                                 That's
21
                       probably the confusion.
2.2.
        Α.
             Correct. So, the --
23
        Q.
             Well, except --
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1	Α.	problem is that
2	Q.	Dr. Smith, do you agree that the totals
3		in columns four and five add up to the
4		totals in column three?
5	Α.	The columns in four and five should add
6		up to the column in three.
7	Q.	So, if the column in three reaches
8		100 percent exactly and the column four
9		is nearly 100 percent, wouldn't you
10		expect the last column, column five, to
11		also be close to 100 percent?
12	Α.	No. Because the total for every one of
13		those columns is including every
14		individual. It just so happens that in
15		the first three columns every individual,
16		quote, unquote, is quoted as white or
17		black.
18		MS. LANG: Misty, I have a
19		question about your question
20		just so that I can follow
21		along.
22		Are you dividing
23		Like, my understanding of
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1	these percentages is that			
2	it's white over total for			
3	each collum, and it's not			
4	doing percentages across,			
5	right?			
6	So, it's for the			
7	first column it's 2,000,000			
8	odd over 3,000,000 odd for			
9	white, et cetera.			
10	So, the column the			
11	percentages are done on a			
12	vertical basis.			
13	MS. MESSICK: But my			
14	understanding			
15	MS. LANG: Are your			
16	questions about that?			
17	MS. MESSICK: No.			
18	MS. LANG: Or are they			
19	about			
20	BY MS. MESSICK:			
21	Q. My understanding is that everybody that			
22	is in the fourth and fifth columns is			
23	also in the third column; is that true?			
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2.2.

A. No. So -- so -- I tried to make this table very simple and clearly I could have made it simpler. I could have added an additional row that would have said "other." All right. So, it would have been black -- white, black, other, total. If you add up column one from the census data, 2,548,850 plus 960,075 does not equal 3,671,110. The reason it doesn't add up is because Alabama actually has people that the census considers not to be white or black.

So, that same methodology is used for every one these columns. The fact of the matter is that most of Alabama is racially either white or black as defined by the census or defined by the AOC. That is up until the last couple of years where it appears to me that the AOC has changed its coding, or there is missing values, or some other reason why we're only getting up to that 7,000 figure as opposed to the 9,532.

1 Does that make sense? 2 I understand what you said. I don't Q. 3 think we're talking -- I think we're 4 talking passed each other. Give me just 5 one second. Let me see. 6 Α. Sure. 7 (Brief pause.) 8 So, you've explained that if I add whites Q. 9 and blacks I do not reach the totals 10 because there should be -- there are 11 others who are not included in this table 12 and we could have put them in but they 13 exist. And so --14 I'm not saying it's a certainty. That's Α. 15 a possibility. It has to do with how the 16 agency is coding individuals. In some 17 instances they may only be using white 18 and black. And if they are, then you're 19 going to get 100 percent. 20 So, if --Q. 21 If you are using other categories --Α. 2.2. again, I'm not making up these 23 categories. I am using the Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 administrative data as it is -- then 2 you're not going to get up to 3 100 percent. And so, it appears that there 4 5 has been some change in that practice, or there is missing data with respect to 6 7 race. 8 I can't sit here and tell you 9 without investigating the data, which I 10 don't have available. 11 Starting on page 32 of your April report, Q. 12 you engage in counterfactual analysis; is 13 that correct? 14 Yeah. Α. 15 And this is where you are looking at the, Q. 16 quote, "Alabama No CERV Conviction List," 17 end quote? 18 Α. Yes. 19 And you are comparing on these next few Q. 20 pages what the impact would have been if 21 that narrower list had been used; is that 2.2. correct? 23 Α. That's correct. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 And in paragraph 39 on page 32, you say, Q. 2 quote, "I understand from counsel that 3 this narrow list was the emerging 4 consensus from the Exploratory Committee 5 up until the final meeting when Secretary 6 Merrill introduced his proposed list," 7 end quote. 8 Do you see that? 9 Yes, I do. Α. 10 And are you operating on the assumption Q. 11 that that is true in the following 12 paragraphs? 13 MS. LANG: Object to form. 14 I don't understand what you mean by "the Α. 15 following" -- it's in my following 16 methodology that I am assuming that that 17 is true. 18 Q. So, in page --19 Is that what you're --Α. 20 Q. In paragraph 40 you use the language, 21 quote, "under the Exploratory Committee's 2.2. narrower list of initial 23 recommendations, " end quote. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 Is that statement based on the 2 representation from Counsel in paragraph 3 39? 4 Α. Yes, that's correct. 5 Okay. Same in paragraph 40. You also --Q. 6 and this is on page 33 -- refer to, 7 quote, "under the Exploratory Committee's 8 narrower recommended list," end quote. 9 Is that language again in 10 reliance on the representation of 11 Counsel? 12 That is correct. Α. 13 And later in paragraph 40 when you refer Q. 14 to "the Exploratory Committee's narrower 15 list," that again is on the basis of 16 representation from Counsel? 17 That is correct. Α. 18 And in paragraph 41 when you refer to the Q. 19 Exploratory Committee's -- you say "had 20 the Exploratory Committee's 21 recommendations been adopted," in that 2.2. first line in paragraph 41, that's again 23 on the reliance on the representation of Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 Counsel? 2 I don't see that in 41. Α. 3 The very -- the first line of paragraph Q. 41, it says "As such, had the Exploratory 4 5 Committee's recommendations been 6 adopted"? 7 Α. Yes. 8 And just so the record is clear, that yes Q. 9 could mean you see it, or yes, it's on 10 the basis of representation of Counsel. 11 So, is that language at the top 12 in the first line of paragraph 41 used on 13 the basis of the representation of 14 Counsel? 15 Α. Yes, correct. 16 And moving to the second sentence in Q. 17 paragraph 41, when you refer to "the 18 Exploratory Committee's list," are you 19 referring to that narrower list and doing 20 so on the basis of Counsel's 21 representation? 2.2. That's correct. Α. 23 Q. And again in paragraph 41, the next Boggs Reporting & Video LLC

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1 sentence, when you say "in contrast, 2 under the Exploratory Committee's 3 narrower list," you are again using that language on the basis of the 4 5 representation of Plaintiff's Counsel? 6 Α. That's correct. 7 And in paragraph 42, which continues on Q. 8 to page 34, when you refer to, quote, 9 "the legislature's decision to expand the 10 list of felonies constituting moral 11 turpitude, " end quote. 12 Are you again assuming that the 13 narrower list was prevailing on the basis 14 of Plaintiff's Counsel's representation? 15 When you use the word 16 "expanding" you're comparing it to 17 something. I am assuming --18 Α. Correct. 19 -- you are comparing it again to the Q. 20 narrower list that you believe --21 Α. Yes. Thank you. 2.2. Q. Okay. In paragraph 43, the first 23 sentence says, quote, "As Figure 7 shows,

1 under the narrower set of felonies of 2 moral turpitude considered by the 3 Exploratory Committee but not ultimately 4 advanced by Secretary Merrill, " end 5 quote. 6 You are again relying on the 7 representation of plaintiff's counsel? 8 Α. That is correct. 9 MS. LANG: Object to form. 10 And a couple of lines further down, in Q. 11 paragraph 43, when you refer to "the 12 Committee's narrower definition of moral 13 turpitude, " you are again referring to 14 the idea that the No CERV List on the 15 basis of Plaintiff's representation? 16 Α. Yes, correct. 17 Q. And still on page -- paragraph 43, you 18 again refer to, quote, "the Exploratory 19 Committee's narrower set of 15 felonies." 20 And that is again on the basis 21 of Plaintiff's Counsel's representation? 2.2. Α. Yes. 23 Q. And on paragraph 44, which is on --Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 begins on page 35. When you refer to 2 "the narrower set of felonies of moral 3 turpitude that was considered by the 4 Exploratory Committee but not advanced by 5 Secretary Merrill, " you are again relying 6 on the representation of Plaintiff's 7 Counsel? 8 Α. Yes. 9 MS. LANG: Object to form. 10 And in that same paragraph, when you Q. 11 refer again to "the Exploratory 12 Committee's narrower set of 15 felonies 13 of moral turpitude, " you are again doing 14 so on the basis of Plaintiff's Counsel's 15 representation? 16 MS. LANG: Object to form. 17 How many times are you going to 18 ask the same question, Misty? 19 MS. MESSICK: Well, you 20 put it in his report 14 times, so I've got one more to go. 21 2.2. BY MS. MESSICK: 23 Paragraph 45, when you refer to "the Q. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 Exploratory Committee's narrower list," 2 are you again relying on the 3 representation of Plaintiff's Counsel? 4 Α. Yes, I am. 5 So, despite the fact that you include Q. 6 this language 14 times across five 7 paragraphs, you are not in fact intending 8 to offer any opinion yourself about what 9 happened in that Exploratory Committee, 10 you are merely relying on the 11 representation of Plaintiff's Counsel; is 12 that correct? 13 I am relying on this set of 15 felonies Α. 14 that were presented to me. 15 But when you've repeatedly described what Q. 16 those felonies are and who supported 17 them, that is all based solely on 18 Plaintiff's Counsel's representation. 19 You have not in fact undertaken any study 20 of what happened in that committee? 21 I don't think that's accurate. Again Α. 2.2. this is taxing my memory awhile, but I 23 want to say that I saw minutes from that Boggs Reporting & Video LLC

1 meeting at some point. 2 Thank you. Did you look at -- in the Q. 3 course of this analysis where you are 4 comparing the No CERV List and the 5 Legislation actually enacted in 2017, 6 which you refer to as H.B. 282, did you 7 look at which felonies were driving the 8 different results? 9 MS. LANG: Object to form. 10 So, we're not talking about the Α. 11 Exploratory Committee anymore? 12 So, these paragraphs as I understand them Q. 13 involve you saying that the No CERV List 14 -- which Plaintiff's Counsel represented 15 was preferred by the Exploratory 16 Committee -- would have led to less 17 racial disparate impact than the 18 Legislation that was actually adopted in 19 2017. 20 So, the difference between 21 those two lists is the felonies on them. 2.2. And my question to you is: Did you look 23 at which felonies were driving the Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 different racial results? 2 You know, it's interesting. It's kind of Α. 3 looking at two sides of the coin. Ι happen to present one side of the coin. 4 5 You can flip the coin over and see the 6 other side. 7 So, I presented the data from 8 the No CERV List from the Merrill 9 Committee. I presented the data from the 10 H.B. 282. I suppose one could compare 11 and try to understand the differences 12 between those 46 and 15 felony 13 convictions that are accounted in one and 14 not in the other. 15 But you don't actually provide the data Q. 16 in the four corners of this report 17 demonstrating how many felony convictions 18 there are for each of those two lists, 19 correct -- for each felony on those two 20 lists? 21 So, the data are there. They're just not Α. 2.2. represented visually in that sense. 23 are aggregated across the 15 or the 46.

1 Right. It's aggregated by lists. Q. 2 can't see the specifics of each 3 individual felony, correct? That's correct. From the data that is 4 Α. 5 presented, that's correct. But those 6 data are there. They're just not 7 individually desegregated. 8 I would like you to focus your attention Q. 9 on paragraph 41, which is on page 33 of 10 your report. 11 Α. Yeah. 12 And you say there that if the No CERV Q. 13 List had been used rather than the 14 Legislation that was actually enacted, 15 then blacks convicted of a disqualifying 16 felony would have -- they would have made 17 up 46 percent of -- blacks would have 18 made up 46 percent of the felons 19 convicted of a disqualifying felony. 20 While under the Legislation that was 21 enacted, blacks make up 50.5 percent; is 2.2. that correct? 23 Α. That is correct.

1 And you describe this difference as, Ο. 2 quote, "considerably lower," end quote. 3 The 46 percent is considerably lower than the other; is that right? 4 5 Well, it's no longer a majority, and it Α. 6 is close to the 5 percentage point. 7 So, when you look at the number 8 of individuals that you are talking about 9 -- you know, we are talking about 10 hundreds of individuals. 11 MS. LANG: Misty, would 12 now be a good time to break for 13 lunch? 14 MS. MESSICK: Yes, it 15 would. Let's go off the 16 record, please. 17 (Luncheon recess.) 18 BY MS. MESSICK: 19 Dr. Smith, I would like to talk now about Q. 20 your analysis of the data from the 21 Secretary of State's power profile 2.2. system, the voter registration data. 23 Α. Sure. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 You are using a 2019 snapshot of that Q. 2 data, correct? 3 Yes, that's correct, from the Summer of Α. 2019. 4 5 And it con -- that database contains Q. 6 approximately 5,000,000 individuals? 7 I have it described in my report. Α. 8 don't remember the specific off the top 9 of my head. 10 All right. Would you look at page 38 of Q. 11 your report? 12 Α. Sure. Yes. 13 So, looking at paragraphs 47 and 48, it Q. 14 is apparent to me that sometimes when you 15 talk about 5,000,000 registered voters, 16 you mean 5,000,000 people in the voter 17 registration file. But they may not all 18 be registered, in fact some of them are 19 not eligible or disqualified, correct? 20 Α. Yes, that is correct. Thank you. 21 Is it your understanding that there was Q. 2.2. any kind of systemic effort to find 23 persons in the voter registration

1 database who had been disenfranchised 2 prior to the 2017 Legislation but who 3 would be eligible after that Legislation 4 and to make those persons active in the 5 system? 6 MS. LANG: Objection. 7 Α. I want to make sure I understand the 8 first part because I'm not sure who you 9 were referring to as to who was doing 10 this. 11 Are you under the impression that the Q. 12 State undertook efforts to register -- or 13 to change the registration status in the 14 database for persons who had been 15 disqualified prior to 2017 but who would 16 be -- who if we knew all of the 17 information about them could know that 18 they would be eligible under the 2017 19 law? 20 MS. LANG: Objection to 21 form. 2.2. Α. It speaks to routine with maintenance all 23 of the time. I'm not privy to all of the Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 things that the State may have done or 2 not done. 3 Do you know in fact whether there are Q. persons who would have been 4 5 disenfranchised for a felony of moral 6 turpitude prior to the passage of the 7 2017 law but pursuant to that 2017 law 8 are now eligible to register to vote? 9 MS. LANG: Objection. 10 Form. 11 Are you talking about 12 like operation of law or as a 13 practical matter would have 14 been disqualified by the 15 registrars or the secretary? 16 MS. MESSICK: I don't 17 understand your question. 18 BY MS. MESSICK: 19 Dr. Smith, my question to you is: As a Q. 20 legal matter, are there people, if you 21 know, who were ineligible to vote due to a felony conviction prior to this 2017 2.2. 23 law who are now eligible to vote under Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

the 2017 law? 1 2 MS. LANG: Objection. 3 Form. Speculation. As a legal matter, I 4 5 don't -- he's not being 6 offered as a lawyer or as an 7 expert in the law. 8 MS. MESSICK: Thank you 9 for your objection. 10 BY MS. MESSICK: 11 Q. Dr. Smith, do you have a response? 12 Well, empirically you can certainly see Α. 13 from various snapshots that there is some 14 movement of people being moved on and off 15 active, inactive, eligible, not eligible, 16 disqualified. 17 So, there is some type of 18 maintenance going on. 19 Would the snapshot of data that you Q. 20 relied upon include persons who never 21 attempted to register to vote? 2.2. My understanding of the construction of Α. 23 the statewide voter file -- I believe Boggs Reporting & Video LLC

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1 it's D200071 -- is that it would not 2 include people who did not attempt to 3 register. Would you look for me, please, at page 43 4 Q. 5 of your April report, at Figure 10? 6 Α. Yeah. 7 And this figure shows two different Q. 8 measures for each county in the state; is 9 that correct? 10 Yes, that's correct. Α. 11 And one of those measures looks at, of Q. 12 the active and inactive voters in the 13 county, what percentage are black; is 14 that correct? That is correct, active and inactive 15 Α. 16 registered voters percent black, correct. 17 Q. And then the other measure is of persons 18 who are coded CRM or with the criminal 19 conviction moral turpitude status. 20 are looking at what percentage of those 21 persons are black, correct? 2.2. Α. That is correct within a county. 23 Q. So, in each county you are looking at two Boggs Reporting & Video LLC

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1 different groups of people to see what 2 percentage of those people are black, 3 correct? That is correct. 4 Α. 5 Okay. And then Figure 11, on page 47, Q. 6 undertakes that same analysis but now for 7 whites instead of blacks; is that 8 correct? 9 That is correct. Α. 10 So, if you assume that the, quote, "other Q. 11 population" is minimal, Figure 11 is just 12 the reverse of Figure 10, isn't it, so 13 long as the population is not black or 14 white, it's very small? 15 Objection. MS. LANG: 16 That is correct. Yes, the general gist Α. 17 is correct. 18 On page 48, in footnote two -- 24, are Q. 19 you saying that of the active voters in 20 Alabama black voters actually account for 21 slightly more than the percentage that 2.2. they are in the population? 23 MS. LANG: Objection. Boggs Reporting & Video LLC

1 Form. 2 Blacks make up about 26.2 percent of the Q. 3 population in Alabama, correct? Correct --4 Α. 5 MS. LANG: Can you --6 Α. -- according to that census. 7 There is --Q. 8 The issue here though is that -- go Α. 9 ahead. I won't jump in. I will let you 10 finish first. 11 MS. MESSICK: Well, there 12 is a delay. We are seeing 13 people talk but not hearing 14 their voice and it's leading to 15 a lot of talking over each 16 other. 17 So, I have no idea what 18 Danielle said a minute ago. 19 MS. LANG: I asked you if 20 you could refer me to the 21 figure that you were relying 2.2. upon for the population of 23 black individuals in Alabama.

I assumed it's based on the 1 2 consensus figures and maybe in 3 this report, but it's not in footnote 24? 4 5 MS. MESSICK: No, it is 6 not in footnote 24. I think it 7 is fairly common knowledge and 8 that Dr. Smith has already 9 indicated that he knows that 10 the percentage is approximately 11 26.2, and I believe that we 12 will find that in one of these 13 tables if you will give me a 14 minute. 15 BY MS. MESSICK: 16 On page 22 of your report, Dr. Q. 17 Smith, do you see that the black 18 population of Alabama, citizen voting age 19 population is approximately 26.2 percent? 20 Α. Yes, I do. 21 And in footnote 24 you say that of active Q. 2.2. -- of active registered voters in 23 Alabama, blacks make up 27.3 percent, Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 correct? 2 That is correct. Α. 3 Q. Thank you. 4 I want to clarify that we have two Α. 5 different time frames that you're making 6 this comparison that we should note. 7 The citizen voting age 8 population estimate from the American 9 Census Bureau, the US Census Bureau, ACS 10 data, is from 2014 to 2018. So, in fact 11 it is several years, quote, unquote, old 12 for that estimated citizen voting age 13 population. And the data that I have 14 from the snapshots from the voter file is 15 from 2019. 16 So, it's very possible that the 17 population in Alabama as a percentage 18 that's black, citizen voting age 19 population, could have increased since 20 the census data is basically three years 21 older. 2.2. Q. Is it also possible that it could have 23 decreased? Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

A. I am not here to determine one way or the other. I am just saying that one should be cautious when comparing apples to oranges in that sense.

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is that, you know, I am comparing in footnote 24 blacks to whites. I am excluding all the other racial categories. That is going to artificially increase the percentage of blacks. So, it's the same exercise we did previously before the break. If we wanted to factor in all of the others in the voter file, that would increase the denominator and as a result a fraction of black would result in being lower.

And of course when I am doing citizen voting age population of blacks and whites in the census, I am taking into that, the other category. And that would have created it lower.

So, again there is a lot of inference that you are making that I

1 would just be cautious about doing. 2 I would ask you to look at Table Two on Q. 3 page 50 of your report. 4 Α. Yes. 5 And do you see the line for disqualified Q. 6 -- so, look at the row for disqualified 7 voters, disqualified individuals and go 8 to the --9 Yeah. Α. 10 -- pre-implementation column for whites. Q. 11 And you see the number there is 12 7.7 percent; is that correct? 13 That is correct. Α. 14 Now would you please look above the table Q. 15 in the paragraph there, on the third 16 line, you've got 9.3 percent to 17 8.1 percent. Can you look at that for a 18 moment to get the context and let me know 19 if that 8.1 percent should in fact be 20 7.7 percent? 21 Yes, I would be happy to do so. Α. 2.2. (Brief pause.) 23 Α. Yes. I have made a scrivener's error, Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 and it should be 9.3 percent to 8 -- I'm 2 sorry, to 7.7 percent in that paragraph 3 63. I would like to jump ahead to 4 Q. Thank you. 5 paragraphs 69, 70, and 71. And I want to 6 give you just a minute to look at those. 7 Paragraph 69 is on page 53. 8 Α. Yeah. 9 Now, paragraph 69 concerns a population Q. 10 of people coded as not eligible, correct? 11 Α. Correct. 12 And the numbers that you give in Q. 13 paragraph 69, those numbers cover a 14 46-month period of persons who were coded 15 as not eligible, correct? 16 Α. Without giving a great overview, I 17 believe this is where I am comparing the 18 before and after 23-month period on 19 either side of the implementation of H.B. 20 282. 21 Right. And so, in paragraph 70, you look Q. 2.2. at one 23-month time period, and in 23 paragraph 71, you look at the other Boggs Reporting & Video LLC

1 23-month, correct? 2 Α. Yes. Correct. 3 So, the individuals that you talk about Q. in paragraph 70 and 71, those are two 4 5 subsets of the group that you talk about 6 in paragraph 69? 7 Α. That should be correct, yeah. 8 So, are -- should there be any persons Q. 9 included in paragraph 70 and 71 who are 10 not included in paragraph 69? 11 Α. Well, again I am screening by race, black 12 and white. So, that is a possibility of 13 including other people who are not black 14 or white. 15 All I'm trying to ask you is if I add up Q. 16 the numbers in paragraph 70 and 71, 17 should I get the numbers in paragraph 69? 18 Α. And again what I would suggest is that 19 paragraph 69 could include non white and 20 black. I can't remember how I 21 constructed that. 2.2. Q. Well, could you look at the last sentence 23 in paragraph 69, please? Boggs Reporting & Video LLC

1 Sure. Okay. Α. 2 So, you don't make any mention of anyone Q. 3 who is not black or white, correct? 4 Α. Correct. 5 And in paragraph 70, you're looking at Q. 6 people who are black and white for one 7 23-month period, correct? 8 Α. Correct. 9 And in paragraph 71, you are looking at Q. 10 people who are black and white for a 11 different 23-month period, correct? 12 Correct. Α. 13 Okay. And in these paragraphs you're Q. 14 looking at applicants who were rejected because of convictions of felonies of 15 16 moral turpitude. 17 Do you look at applicants who 18 have felonies who were allowed to vote 19 during this time period? 20 You know, I think what I state here is Α. 21 what I am looking at. 2.2. Q. All right. And then I would like you to 23 focus for a minute on paragraph 73, 74, Boggs Reporting & Video LLC

1 and 75. And I will give you a chance to 2 get oriented. 3 (Brief pause.) 4 Q. Paragraph -- these three paragraphs are 5 like the ones that we just considered but 6 these look at the disqualified 7 population; is that correct? 8 Α. Yes, I think that's correct. 9 And so, again paragraph 73 looks at Q. 10 blacks and whites for a 46-month period. 11 And then paragraphs 74 and 75 look at 12 blacks and whites over two separate 13 23-month periods within the 46-month 14 period, correct? 15 Α. Yes, correct. 16 And so, again the numbers in 74 and 75 Q. 17 added together should reach the numbers 18 in 73; is that correct? 19 MS. LANG: Object to form. 20 Α. Again I would have to go back and look 21 and see what qualifications I placed on 2.2. -- on this. And I would have to go back 23 and, you know, reanalyze what I am doing Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 here. 2 I would be happy to let you read Q. 3 paragraph 73, 74 and 75 more closely and let me know if there are any 4 5 qualifications that I need to understand 6 to understand this part of your report. 7 So, are you tieing it back to Table Two Α. 8 again? 9 I'm looking exclusively at paragraph 0. 10 73, 74, and 75. 11 Okay. Again they should be fairly close Α. 12 if not exact. There are obviously some 13 conditions on the quality of the data to 14 be able to do that, but... 15 If there were conditions on the quality Q. 16 of the data, would you have included that 17 in your report? 18 Probably someplace, yeah. Α. 19 So, in paragraph 73, where you are Q. 20 talking about the entire 46-month period, 21 you refer to 29,513 white individuals; is 2.2. that correct? 23 Α. Yes, I see that. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 And then in paragraph 75, where you're Q. 2 talking about the 23-month period after 3 the 2017 law took effect, you have 29,547 white individuals in that period alone, 4 5 right? 6 (Brief pause.) 7 MS. LANG: Can we have 8 that question read back? I've 9 lost the thread. 10 THE WITNESS: I've lost 11 the thread as well. 12 (At which time, the Reporter 13 read the requested portion.) 14 Correct. That's what I have written in Α. 75. 15 Yeah. 16 Does paragraph -- the numbers in Q. 17 paragraph 73, are those meant to be sums 18 for the entire 46-month period that we 19 talked about a minute ago? 23 months 20 before and 23 months after the 21 implementation of the 2017 law? 2.2. I don't recall conditioning on that. Α. 23 Q. So, what are the numbers that you are Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 discussing in paragraph 73? 2 So, it looks like it's the whole Α. 3 statewide voter file regardless of any 4 time period. 5 MS. LANG: I think the 6 confusion may also be that at 7 some points we are talking 8 about everyone who is 9 disqualified and at some points 10 we are talking about people who 11 are disqualified with a CRM. 12 THE WITNESS: Correct. 13 MS. MESSICK: I thought I 14 already asked him don't 15 paragraphs 69 --16 You were asking me do they do the same Α. 17 In fact they don't do the same thing. 18 thing. 19 Do paragraphs 69, 70, and 71 are not Q. 20 eligible with the CRM, correct? 21 Those have a CRM code, correct. Α. Correct. 2.2. Q. And then when we get to paragraphs 73, I 23 understand that we have now moved --Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

MS. MESSICK: 1 Strike that. 2 Q. Beginning at paragraph 73, haven't you 3 moved off of the not eligible to the 4 disqualified? 5 I have moved to disqualified, correct. Α. 6 Q. And in paragraph 74 and 75 -- I mean 7 paragraph 74 starts by saying you conduct 8 the same pre and post implementation 9 analysis as presented above with the not 10 eligible subpopulation. 11 So, you are now doing that with 12 the disqualified population, correct? 13 It's the same principal of looking Α. 14 pre-imposed implementation. 15 Okay. And so, paragraph 74 is the Q. 16 pre-implementation paragraph, correct? 17 Α. That is correct. 18 Q. And paragraph 75 is post implementation; 19 is that correct? 20 Yes, post implementation, correct. Α. 21 And then it sounds like that paragraph 73 Q. 2.2. might not be limited to pre 23 plus post 23 23, it may actually be broader than that;

1 is that what you're saying? 2 I don't see a condition in that Α. 3 paragraph. It sounds like it is as of 4 that snapshot which would include people 5 well before the 23-month prior to 6 implementation. 7 I would ask you to please bring up again Q. 8 your supplemental expert report, which is 9 Exhibit Four. 10 Sure. Α. 11 We are going to move on to a new topic. Q. 12 In paragraph six of your 13 supplemental report, you refer in the 14 last line on the page to the sequence. 15 Basically the sequence of actions you 16 would take in analyzing this data; is 17 that correct? 18 Α. Yeah. 19 Did you in fact in your original report, Q. 20 in your analysis, elimi -- of the -- what 21 you call LFOs, the court-ordered monies 2.2. owed, did you eliminate monies owed on 23 felonies that were not themselves Boggs Reporting & Video LLC

1 disqualifying? 2 So, I think I document and it is Α. 3 certainly preventive to me in Ms. Gwathney's report about what I did in 4 5 terms of going through the AOC database 6 that has multiple fields within it for 7 multiple criminal activities and sentencing. It has rows that don't fit 8 9 within those confines for an individual. 10 And so, I had to look over the data to be 11 able to make sure that I was getting 12 individuals and the same individuals with 13 multiple criminal convictions. 14 In that process I may have been 15 picking up some non-H.B. 282 felonies but 16 then I would eliminate them subsequently. 17 Q. In your original report --18 Α. Well -- so --19 No, hold on. Q. 20 Now I'm confused. Α. 21 Q. In your --2.2. Α. I thought --23 In your original report, you eliminated Q. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 persons who did not have at least one 2 felony conviction of moral turpitude, 3 correct? 4 Α. Absolutely correct, yes. 5 Now, if a person had a felony of moral Q. 6 turpitude and a second felony that was 7 not moral turpitude, that person stayed 8 in your dataset, correct? 9 That is correct. Α. 10 And they were in the dataset with both Q. 11 convictions, correct? 12 Α. Correct. 13 And so, in your supplemental report in Q. 14 response to Chair Gwathney's critiques, 15 you have removed the cost associated --16 or the court-ordered monies associated 17 with felonies that do not involve moral 18 turpitude, correct? 19 That is correct. Α. 20 So, what you're doing there is you're Ο. 21 removing some of the monies that were 2.2. owed for some of the people who you were 23 studying, correct?

1 That is a possibility, yes. Α. 2 Q. Okay. I thought I was summarizing 3 exactly what you were doing. How is that only a possibility? 4 5 No. You're summarizing correctly the Α. 6 process. 7 Okay. Q. 8 I cannot sit here and say whether it Α. 9 eliminated any LFOs. I can't say if 10 there were any LFOs related to those 11 non-disenfranchising felonies. 12 How, in the process of eliminating the Q. 13 court-ordered monies associated with 14 certain felony convictions, did you end 15 up with 911 new individuals? 16 Α. So, this is a process that is as I 17 write in my first report using name and 18 race and county, there is a possibility 19 of having both false positives and false 20 negatives. 21 So, it's very possible that the 2.2. method that I used underestimated. 23 thought that there might be some

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individuals who were the same individuals and as a result linked them together because I had added information as opposed to the second method which eliminated additional rows and may not have had that and may have actually resulted in that 991 I believe it was individuals.

So, again it depends on how you want to clean a dataset like this. I opted to do one method first. It also could have to do with other missing data that I was dropping in my first one that I don't have to drop in this one. I haven't gone through and done a full probe in terms of why there might be that.

But, you know, we're talking here -- you know, 1 percent would be a thousand and 300 some odd. So, maybe six-tenths of a percent more people than 911. Or 991. Sorry. 911 or 991, I can't remember which one it is. Sorry.

1 It's 911 in case it comes up again. Q. 2 Α. Okay. Okay. 3 So, basically because you wanted to re --Q. in order to remove the court-ordered 4 5 monies associated with a 6 non-disqualifying felony, you wanted to 7 do --8 MS. MESSICK: No. Strike 9 that. That's a different 10 issue. 11 Q. It sounds like you basically started over 12 with the full dataset and ran the 13 concatenation again, and this time got 14 different results. And what you're saying is that the difference is very 15 16 minor? 17 That's actually correct. Α. 18 So, I started with the raw data 19 that was presented to me and rewrote the 20 script that processes the data that deals 21 with multiple crimes within a row that deals with -- because there is limited --2.2. 23 by the structure of the dataset, only Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

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three convictions for a particular —
let's call it for a lack of a better term
crime spree. Sometimes they are put on a
separate row.

So, I want to make sure that I am capturing all of that as well as — you know, we talked about the LFOs. But then an individual is going to be possibly in the database multiple times. But because I don't have an AIS number for over a hundred and — I don't know, hundred—thousand plus people, I had to come up with this methodology to loop across the close to 700,000 rows of data to find Daniel Smith in an actual county who is white multiple times.

And it's very possible just by reordering those steps that I would have been eliminated in the way that I did it originally in a second field, but that was included in the second methodology that I used in the Gwathney recommended steps.

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So, to take two different steps — and we've only talked about half of it so far. You know, we also have to talk about the LFOs. To be off by 911 is I think kind of what we would call a robustness check. Because the methodology that I used originally seemed to work. The methodology that was recommended to me seemed to work. It resulted in largely different results that we can talk about I hope.

But that processing of data that comes in a format that is not optimal to be able to find a unique individual across counties, perhaps

Daniel Smith or Daniel A. Smith. I could have false positives where I am including Daniel A. Smith and Daniel Smith together even though they're two different people, or a false negative where I think that Daniel A. Smith and Daniel Smith are different people. It can lead to those marginal differences.

1 Again I haven't had the time to 2 fully pull it apart and figure out where 3 those minute changes are happening. 4 your statement is correct, I started with 5 the raw data and reorganized the steps as 6 indicated in Chair Gwathney's logic as 7 best that I could understand them. 8 Thank you. Also in paragraph six, at the Q. 9 top of what would be page four, you refer 10 to --11 Α. I'm sorry? 12 So, paragraph six goes on to a second Q. 13 If you will look at the back part page. 14 of paragraph six. In the top line there 15 you make a reference there to, quote, "as 16 few individuals have non-disqualifying felony convictions in multiple rows," end 17 18 quote. 19 What is the significance of 20 that statement? So, the significance of that statement is 21 Α. 2.2. either method is going to get you pretty 23 close to the same result. Because by my

1 first method, which concatenated 2 individuals using my three-part scheme of 3 name, race, and county may have picked up people who had non-disqualifying felonies 4 5 as opposed to Ms. Gwathney's method which 6 is eliminating those rows of data that 7 clearly have no field with a 8 disqualifying felony and then 9 concatenate. 10 So, I thought what you were doing is Q. 11 keeping -- In your supplemental report, 12 are you keeping every felon who has at 13 least one disqualifying felony but you're 14 eliminating the monies associated with 15 non-disqualifying felonies? 16 The first step -- again following the Α. 17 logic that she provides -- is to 18 eliminate all of the rows of the 19 non-disfranchising felony convictions. 20 Q. So --21 Α. I did not do that in my first report. 2.2. Q. In your supplement we've talked about 23 that an AOC row might have multiple

1 convictions on that row. 2 So, let's say I go on a crime 3 spree and I commit --(Brief interruption.) 4 MS. MESSICK: We're off 5 6 the record. 7 (Brief pause.) 8 MS. MESSICK: We are back 9 on the record. 10 BY MS. MESSICK: 11 Q. Let us return to my crime spree. 12 Hypothetically I get picked up for five 13 felonies. 14 Now, Dr. Smith, if I have five 15 felonies, I'm going to be on two 16 different rows for that crime spree in 17 the AOC database, correct? 18 That is the way it is structured. Α. 19 So -- well, we would expect to find three Q. 20 of my convictions on one row and two on 21 another row, correct? 2.2. Α. That is the way it's structured, yes. 23 If the two of my felonies that are on the Q. Boggs Reporting & Video LLC

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1 same row are both felonies that do not 2 disenfranchise, then that row of data has 3 been eliminated in your supplemental 4 report; is that correct? 5 If both of those were not Α. 6 disenfranchising, the new methodology, as 7 recommended by Chair Gwathney, first 8 eliminates that row. 9 Okay. Let's say the other row for my 0. 10 crime spree, which includes three 11 felonies, some of those felonies -- let's 12 say one of them is disenfranchising and 13 the other two are not, what is included 14 from that row in your supplemental 15 report? 16 So, the effort is to have it go through Α. 17 and pick up what the orders are for those 18 and take from -- I'm not interested again 19 in the total now. We haven't talked 20 about that. We are only interested in 21 the initial charges. So, making sure 2.2. they are all a part of that initial crime 23 spree and differentiating those charges

1 so that it's picking up the LFOs from the 2 felony conviction that is disqualifying. 3 I'm sorry. But I don't understand your Q. 4 answer. 5 The two non-disqualifying 6 felonies on that row of data for my crime 7 spree, are the monies associated with 8 those two felonies still included in the 9 modified analysis? 10 I mean, it's the same -- I am using Α. 11 the same method that I did in the first 12 one for that code that goes and looks 13 across a single row to isolate the 14 amounts due for the disenfranchising felonies. 15 16 Looking back at Exhibit Six, which is the Q. 17 snippets from the AOC database, the 18 headings there? 19 Α. Yes. 20 MS. LANG: Can we wait a 21 minute while I open that? 2.2. (Brief pause.) 23 MS. LANG: Go ahead.

## BY MS. MESSICK:

2.2.

- Q. Are there money columns that you used in your AOC analysis that are not included in Exhibit Six?
- A. Well, from my recollection, from your

  Exhibit Six, you're going up to column Q.

  And again I haven't looked at the raw

  data in many, many a month. And what I

  do with that data is pull it into a

  database, so I actually don't even

  remember this original form because I am

  pulling it all into a form that is unable

  to deal with.

But I want to say that there
were — I don't know. Going all the way
from A to Z and through AA to AZ and
probably into the B range, you know, this
— this is an interesting question in
terms of how you differentiate the amount
that were initially charged and isolate
those that are with the felony conviction
that is disenfranchised.

Q. Right.

1 And so, my method doesn't again come Α. 2 pulling out those that are -- that have a 3 charge tied to the conviction that is disenfranchised. 4 5 Q. Okay. Thank you. 6 Α. So, that's -- just to clarify, so that 7 part of my code doesn't change from my 8 initial April report to the supplemental 9 report. 10 So, if a row of data includes a felony of Q. 11 moral turpitude conviction, the entire 12 row comes across -- remains in your 13 dataset, correct? 14 Correct. The big difference from my Α. 15 initial report and getting it in quotes 16 is taking the suggestion of Chair 17 Gwathney and subtracting any 18 post-sentence fees that might be in that 19 row from the grand total. 20 So, that is a difference in 21 terms of interpretation. And again I 2.2. think I talked earlier that my initial 23 understanding was that the Alabama code

1 included all of those grand totals. 2 I am happy to use Chair 3 Gwathney's interpretation and eliminate 4 any post-sentence fees from that grand 5 total. And certainly it was helpful to 6 see the sum column. 7 So, what you did there is you subtracted Q. 8 post-sentence fees balance due from grand 9 total balance due and you basically did 10 it 130,000 times? You did that 11 calculation on each row? 12 That is absolutely correct. Α. 13 Okay. And so, when you did that it led Q. 14 to new Table One which is on page -- I'm 15 sorry, new Table One which is above 16 paragraph 11 in your supplemental report? 17 Yes, ma'am. Α. 18 Q. Okay. And then two pages later, you have 19 reproduced from your original report 20 Table Three which is both tables are 21 looking at the same measures but you're 2.2. using the two different datasets, the 23 original and the supplemental? Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 No, no. I just want to be very clear I Α. 2 am using the exact same dataset. 3 In fact I did not alter 4 anything in terms of pulling the data 5 into my database to be able to then run 6 the code. So, I just -- to be very 7 clear, that database is the original 8 database that I received last summer 9 maybe. 10 Okay. Q. 11 All I have done is reorder the code to be Α. 12 able to do the analysis because I don't 13 have an AIS number to link individuals. 14 And all I did was change the order of my 15 code to eliminate rows that did not have 16 any crimes of moral turpitude to 17 disqualify. So, I did that first in my 18 supplemental. 19 And I did the second alteration 20 in the code which subtracts out the 21 balance due -- subtracts out any 2.2. post-sentence fees balance due from the

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grand total. Again upon suggestion.

23

- Q. Right. And I understand all of that.

  A. I just want to be clear that it's the
  - same data, it's just processing it slightly different to get to that 135, 136,000 people.
- Q. Right.

2.2.

- A. To qualifying 911.
- Q. I'm just trying to ask you Table One and Table Three, they're the same table but the numbers are different because one is based on your original analysis and one is based on the supplemental report analysis?
  - A. Yes. I think that's a fair way to say that.
  - Q. Okay. In paragraph --
    - A. It's the same again to clarify, it's the same underlying data. The code to bring it in to be able to calculate these things is slightly different as I have already described.
      - Q. Well, and all I'm really trying to ask you is that the rows are the same and the

1 columns are the same but the actual data 2 showing the results vary because one is 3 your original analysis and one is your 4 supplemental analysis? 5 They should be the same in terms of the Α. 6 structure. The total amounts are going 7 to be different because of the two steps, 8 one eliminating any non-disqualifying; 9 and two, by taking the subtraction of any 10 post-sentence fees that might be there, 11 correct. 12 Okay. Yeah, I think we're on the same Q. 13 page. 14 Α. Okay. 15 In paragraph 12, you say that Q. 16 22.4 percent of all individuals, 17 including those who owe zero, owe up to 18 \$5,000. 19 Is the word "not" missing from 20 that sentence? 21 There could be a missing "not." Let me Α. 2.2. read it carefully. Sorry. 23 Q. Thank you. Boggs Reporting & Video LLC

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1 So, we're in paragraph 12? Α. 2 Yes. And what I am looking at is 30 Q. 3 percent of people owe zero. So, I couldn't possibly add something to that 4 5 and get 22.4. 6 MS. LANG: I think it 7 might be -- well --8 So, if there's a subtraction -- I see Α. 9 exactly what I'm doing here. 10 So, again an inartful way of 11 trying to be true to what I did in the 12 first report. I think there is a better 13 way of talking about the \$0. 14 So, it -- the way that 15 paragraph 12 is constructed it is 16 thinking about the total, black and 17 white, of 136,490 individuals. And what 18 I am saying is that including in that are 19 the 40,912 who owe \$0. 20 Again it's not a graceful way 21 of saying it, but I wanted to be able to 2.2. say that that 1.9 percent represents the 23 2,563 individuals who owe up to \$100.

1 That 1.9 percent is inclusive of the 2 30 percent who owe zero. Does that make 3 sense? Again it's an ugly --Yeah, I don't --4 Ο. 5 If I could do it differently, I would Α. 6 have written it a little different. And 7 I think I do later on. 8 But I want to be very clear 9 that that 1.9 percent is inclusive of the 10 30 percent of the total population that 11 owes nothing. 12 How -- how is 1.9 inclusive of 30? Q. 13 Α. So --14 MS. LANG: Can I clarify 15 my understanding as I tried to 16 follow all of this. 17 My understanding is that 18 including those who owed \$0 19 is modifying all individuals. 20 So, to make clear that when 21 we are talking about all 2.2. individuals, we are including 23 in the denominator those who

owe zero.

2.2.

MS. MESSICK: Okay.

A. So -- yeah. Again it's not a graceful way of saying it but I wanted to be clear that the 1.9 percent includes the 40,912 individuals who owe nothing when thinking about that 100 percent total.

I could have run this table differently. And I actually do make some references if I eliminated that top row of those who owe zero. But I wanted to be very transparent and say that 30 percent of the total with this new methodology owes zero and 70 percent owes something. That if we actually wanted to talk about how much you owe, not including zero, then we would subtract the 40,912 from the 136,490.

Q. So, it look — isn't it true that if you look at the total percentage column in Table One that 52.4 percent of felons who have a disenfranchising felony conviction owe less than \$5,000.

1 That's the people who owe zero, 2 the people who owe up to 100, up to 250, 3 up to 500, up to 1,000? I didn't hear your number. Did you say 4 Α. 5 50 or 60? 6 Q. Actually -- hold on one second. I think 7 8 Because I think I understand what you're Α. 9 saying. 10 Yeah, I think it's --Q. 11 And then we just add those percentages. Α. 12 Yeah. I think it's actually 52.4 percent Q. 13 of the total felons who owe money owe 14 less than \$1,000, correct? 15 MS. LANG: Objection. 16 Form. Are you talking about 17 people who owe money or all 18 people? 19 MS. MESSICK: I am talking 20 about -- I am going to include 21 the zeros, the people who --2.2. the felons who do not owe money 23 are felons who are not

disenfranchised by the money 1 2 requirement. 3 MS. LANG: I agree. The 4 form of your question was of 5 people who owe money. 6 MS. MESSICK: Okay. 7 BY MS. MESSICK: 8 Of the people who have felony convictions 0. 9 for felonies of moral turpitude who are 10 included in Table One, 52.4 percent owe 11 between nothing and one cent less than 12 \$1,000; is that correct? 13 Α. That is correct. That is a good way to 14 interpret this table, correct. 15 Okay. And then paragraph 15 has another Q. 16 sentence like the one in 12, and it's 17 that last sentence where I thought 18 perhaps a "not" was missing. 19 So, is paragraph -- the last 20 sentence of paragraph 15 where it refers 21 to 15.5 percent, is that sentence 2.2. structured in the same way that we just 23 talked about for page 12 -- paragraph 12? Boggs Reporting & Video LLC

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1 Let me read it quickly and make sure. Α. 2 Q. Absolutely. 3 Α. Okay. 4 (Brief pause.) 5 I'm missing a decimal point. Α. Yeah. 6 I think it would be easier to 7 just to go over Table Three and do the 8 exact same thing. I'm having a hard time 9 shifting up and down. I see that I 10 missed a decimal point in the 11 11.5 percent. 12 Actually isn't -- the 115 percent is what Q. 13 you're looking at, correct? 14 It should be -- yeah, yeah. Α. 15 And that should actually be a 1.1? 0. 16 1.5. Yeah, 1. -- it should be Α. 17 1.1 percent I quess. Yeah. Sorry. 18 Scrivener's error. The table is correct. 19 Okay. And so --Q. 20 And the table should represent exactly Α. the table that I am sure I cut and pasted 21 2.2. it. 23 Q. Okay.

1 In my original report. Α. 2 And so, then in the last sentence of Q. 3 paragraph 15 where you say 15.5 percent of all individuals, including those who 4 5 owe 100 -- I'm sorry, owes nothing, owe 6 up to \$5,000. And so, my question --7 And I --Α. 8 That including those who owe nothing, Q. 9 that's what Danielle was explaining about 10 the modification of the group of total 11 felons that you are looking at. Because 12 we have 26.7 percent --13 Α. Yeah. 14 -- of felons who owe nothing. Q. 15 So, paragraph 15 is a lot like 16 paragraph 12, just looking at the 17 different tables, correct? 18 Α. I am afraid I may have made a mistake in 19 terms of that. I -- I want to be very 20 clear here and it shouldn't be difficult 21 to amend paragraph 15 by --2.2. Well, is 15 --Q. 23 Figures are wrong. Α.

1 15.5 percent, is that 1.5 percent for Q. 2 those who owe something but up to \$100, 3 plus 1.1 percent for those who then owe 4 up to 250, plus 4.4 percent for those who 5 owe up to 500, plus 8.5 percent for those 6 who owe up to 1,000. That is what the 7 15.5 percent represents, correct? 8 Α. That's correct. And --9 So, if I wanted to look at how many owe 0. 10 one cent less than a thousand all the way 11 down to nothing, I would actually add 12 that 15.5 percent to the 26.7 who owe 13 nothing. And in this table, it would be 14 42.2 percent of people who owe less than 15 \$1,000? 16 Yeah, I think that is correct. Α. 17 Again I will just say that the 18 table is correct, and it is easy to 19 calculate what you just said by going 20 down the column of the total percent 21 which is the second column of data. 2.2. Q. Okay. Well, and I -- I do think that in 23 paragraph 15 you were just doing the same

1 as in 12 and I was just -- but okay. 2 Α. Okay. 3 Ο. Let's move on. 4 So, looking -- comparing Table 5 One in your supplemental report to Table 6 Three from your original report, don't we 7 have about a 5-percentage point drop in 8 how many felons with a disenfranchising 9 felony owe more than \$10,000? 10 I think that's a really good point. Α. 11 And it's I think reflective of doing what 12 Chair Gwathney suggests that I do and that is to eliminate the -- any type of 13 14 balance due from the post-sentence fees. 15 I -- I think it's pretty clear 16 that that's what's going on, that the 17 post-sentence fees for some individuals 18 -- not -- not that many but some 19 individuals was bumping up that high-end 20 sum out. 21 And so, by eliminating those 2.2. post-sentence fees, which I did not do in 23 the first report -- again I was under the

1 assumption that I should use the grand 2 total due. But I'm happy to amend my 3 report with this alternate methodology. 4 That is where the big change is happening 5 and you can see that by the drop of the 6 5-percentage point total of more than 7 10,000 that is due. 8 Okay. And related to that, in paragraph Q. 9 16 of your supplemental report, you say 10 that your new calculations following the 11 logic of Chair Gwathney actually results 12 in a higher rate of individuals owing 13 monies up to \$5,000. And isn't it that 14 what has happened is that people have 15 dropped from higher categories to lower 16 categories, correct? 17 Α. That is exactly what is happening. 18 Q. Okay. The sentence after that that 19 starts "further more," can you -- can you 20 tell me what you're saying there? 21 Right. So, this is --Α. 2.2. MS. LANG: Object to the 23 form. Boggs Reporting & Video LLC

What I am saying in paragraph 16, 1 Α. 2 "further more"? 3 Q. Right. I am trying to just understand 4 your point with that sentence. 5 Α. So, here I am trying to look at 6 Table Three in my original report and say 7 what if we eliminated those who owed 8 nothing, right? So, this would be a 9 different denominator. The denominator 10 would be 135,579 minus 36,215. 11 So, the universe that we would 12 be calculating from eliminates those who 13 owe zero. And what I am trying to do 14 there is say what is the fraction, what 15 is the percent of individuals who owe in 16 these different categories if we 17 eliminated those who owed zero. 18 And since you've gotten rid of 30,000 or Q. 40,000 people, your denominator has 19 20 gotten smaller and your percentages would 21 go up, right? That's -- that's absolutely correct. 2.2. Α. 23 Q. Okay.

1 For those remaining categories. 2 I think it's just a different 3 way to think about it. I am agnostic as 4 to what is the best way to present. 5 try to be as transparent as possible and 6 want to be able to make an overall 7 statement of what percentage owe zero out 8 of all of those who have disenfranchising 9 felony convictions. 10 As a result I include the 11 number of individuals in both Table One 12 and Table Three that owe zero. And as a 13 result it changes the way we think about 14 those who actually owe money. 15 Well, and I appreciate it. It's been Q. 16 very helpful to me to confirm that I 17 understand your report. 18 Now, this entire analysis that 19 we've been talking about here with the 20 court-ordered monies and the AOC 21 database, you have been focusing solely 2.2. on balances due, correct? 23 Α. Yes.

1	Q. Okay. So, you do you know if whites
2	or blacks are more likely to have
3	court-ordered monies imposed at the time
4	of sentencing?
5	A. I don't know that. I wasn't asked to
6	look at that by Counsel.
7	MS. MESSICK: Could we
8	take just a five-minute break?
9	MS. LANG: Yes.
10	(At which time, a brief
11	recess was held.)
12	MS. MESSICK: We are back
13	on the record. I do not have
14	any further questions. I
15	appreciate your time today.
16	MS. LANG: I have a few
17	but not many, so I think we can
18	probably just go straight
19	through.
20	CROSS-EXAMINATION
21	BY MS. LANG:
22	Q. Thank you, Doctor.
23	At the very beginning of this
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1 deposition you were asked about how many 2 hours did you work on your April 2020 3 report, and I think you said somewhere in the range of 30 to 40 hours; is that 4 5 right, more or less? 6 Α. It's difficult to remember because I did 7 a lot of the data processing last year 8 and then worked very hard on --9 Sure. Ο. 10 It was a lot of information. So, it Α. 11 could be more than that certainly in 12 terms of the number of hours of data 13 processing and writing. I think I was 14 thinking about the writing process. 15 Okay. That was exactly my question. Q. 16 Was that 30 to 40 hours an estimate of the actual writing of the 17 18 Gwathney --19 Α. Yes. 20 -- Gwathney --Q. 21 Α. Yes. 2.2. Q. -- original report? 23 That's --Α. Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 And it does not necessarily include all Q. 2 of the --3 MS. MESSICK: Hold up. 4 Hold up. You are breaking up a 5 lot, a lot. 6 Let's go off the record 7 for one second. 8 (Off-the-record discussion 9 was held.) 10 MS. LANG: Okay. When I was just objecting, it wasn't 11 12 really necessary but for 13 questioning it is. So, thank 14 you. 15 BY MS. LANG: 16 The question I was going to ask you, Dr. Q. 17 Smith, is whether or not your estimate 18 was only focused on the writing of your 19 report this year and not necessarily all 20 of the time that you spent over the years 21 getting acquainted with or doing the 2.2. analysis of the date? 23 Α. Yes. My apologies. That 30 to 40 hours Boggs Reporting & Video LLC 334.264.6227/800.397.5590 - www.boggsreporters.com

1 was the amount of time it took to write 2 up my April report. I probably easily 3 matched that many hours, maybe even doubled that many hours in terms of the 4 5 data analysis or the multiple data that I 6 have had to process and that I've had to 7 update as new data came in. 8 So, I have to apologize. 9 not trying to be misleading. I was 10 thinking about the actual writing up. 11 Q. Thanks. I want to look at your initial 12 13 MS. LANG: I'm so sorry. 14 I'm so use to using my 15 computer. I am going to put my 16 mouse away. 17 Q. I want to look at your initial report, 18 Table One. So, that is on page 22. 19 Α. Yes. 20 And we talked about how this final column Ο. 21 doesn't add up to close to 100 percent 2.2. the way the other columns do; is that 23 right? Boggs Reporting & Video LLC

1 Α. That's correct. 2 Q. So, I want to ask you what that means 3 when we compare our cross rows. 4 So, for example, if I am 5 looking at 51.5 percent of African 6 Americans, or black persons, and the 7 51.5 percent of the people in the 8 pre-implementation row are black and only 9 37.2 percent are black in the fourth row, 10 isn't it true that that's a bit of an 11 apples and oranges comparison because 12 it's clear that something in the racial 13 categorization data has changed between 14 those two rows? 15 MS. MESSICK: Object to 16 the form. 17 Α. Yes, that is true. I was trying to 18 convey that in terms of why the totals 19 didn't get 100. But clearly, you know, I am 20 21 looking at just black and white in the 2.2. tables and the number of non-black and 23 non-white has increased in the State's Boggs Reporting & Video LLC

1 coding scheme post H.B. 282 2 implementation. 3 Exactly. And so, my point is that there Q. 4 is about 20 percent or so for whom we do 5 not know the rate in that final column; 6 is that correct? 7 Α. That's correct. 8 And so, for example --Q. 9 And that is -- that is -- again, that is Α. 10 a result of the State's administrative 11 data. 12 Exactly. And so, when comparing across Q. 13 -- horizontally across the road, we would 14 have to be cautious in what we read into 15 that final column as compared to the 16 prior columns; is that correct? 17 Α. Yes. That's absolutely correct. 18 Q. Because for example -- and I am not 19 suggesting that this is the case. 20 But if close to all of the 21 20 percent that are missing would have 2.2. previously been coded as black because of 23 mixed race or something, it would

1 actually mean that that percentage would 2 be higher than the prior column. We just 3 don't know; isn't that right? That is correct. We do not know in terms 4 Α. 5 of that change in coding scheme. 6 Q. Exactly. At one point you were asked 7 whether or not you had broken out the 8 racial data as to each particular felony 9 conviction in H.B. 282. Do you recall 10 being asked about that? 11 Α. I don't recall -- I don't recall breaking 12 13 You were asked about --Q. 14 -- out the racial -- I remember something Α. 15 about breaking out different types of 16 crimes. But -- sorry. 17 Q. Yeah. And your testimony was just that 18 you didn't put the data about the specific information for each felony 19 20 conviction but that the AOC data would 21 permit one to do that; is that correct? 2.2. Α. Yes. 23 Q. All of the data to look at -- at the Boggs Reporting & Video LLC

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1 individual criminal level -- at the 2 individual crime level is available, you 3 just didn't present that particular set 4 visually in your report; is that right? 5 That's correct. Α. 6 Q. Okay. I would like to go to page -- to 7 paragraph 69. We talked about --8 Ms. Messick talked about this with you 9 for some time. And I at least got a 10 little lost. It's possible that you both 11 were following each other and that I 12 wasn't. But just in case I looked back and I think I understand it, and I want 13 14 to make sure we are all on the same page. 15 So, I am looking at the 16 paragraph 69 to 71. 17 Α. Okay. 18 Q. And you say here that there were 9,081 19 registrants who both had a status code of 20 "N," meaning not eligible and a 21 registrant reason of CRM; is that right? 2.2. Α. Yeah. So, I was conditioning on the "N" 23 code to include that CRM registrant Boggs Reporting & Video LLC

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1 reason. 2 Right. And in paragraph 70, you talk Q. 3 about the 3,468 black individuals with a 4 registration date during the pre-period 5 who have a registrant status of not 6 eligible -- or in that first half of that 7 sentence; is that correct? 8 Α. Correct. That is correct. 9 And then you say only 79.7 percent of Q. 10 that group had a registrant code of CRM; 11 is that right? 12 That's correct. Α. 13 So, if I wanted to know how many people Q. 14 had both been not eligible and had a 15 registrant code of CRM, I would have to 16 multiply 3,468 black individuals by .797; 17 is that right? 18 That's correct. Α. 19 Okav. And the remainder of the sentences Q. 20 in 70 and 71 have the same structure 21 where you start with the total number of 2.2. not eligible and then what percentage are 23 CRM; is that right?

1	Α.	Yes. That's absolutely correct.
2	Q.	So, if you were to add just the raw
3		numbers in 70 and 71, they would add up
4		to more than the 9,081 registrant because
5		that number is both not eligible and
6		having a registrant reason of CRM while
7		the raw numbers in 70 and 71 are all
8		people who had a not eligible status; is
9		that correct?
10	Α.	That is correct.
11		MS. MESSICK: Object.
12	Q.	Okay. And if you look at 74 and 75, you
13		use a similar structure there where you
14		talk about the total number of black
15		individuals who are disqualified and then
16		you talk about the percentage of those
17		individuals with the CRM code; is that
18		correct?
19	Α.	Yes. Again I condition in this paragraph
20		with CRM registrant reason.
21	Q.	So, none of these raw numbers as
22		presented in these paragraphs
23		MS. LANG: Strike that. I
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1 think that's clear. 2 Q. My last question is: Ms. Messick asked 3 you some questions about how you went 4 about trying to eliminate crimes and fees 5 in your supplemental report that were 6 related to non-disqualifying felonies, 7 right? 8 Α. Yes. 9 And in order to do that one of the steps 0. 10 you took was to remove all rows where 11 there was no disqualifying felony; is 12 that correct? That is correct. 13 Α. 14 Now, it is true that there would be --Q. 15 within the rows that remain, there could 16 be a mixture of both disqualifying 17 felonies and non-disqualifying felonies; 18 is that correct? 19 And I was not terribly clear at the Α. 20 first go of this with her, yes. 21 Okay. Was there any way for you to be Q. 2.2. able to -- within a single row, is there 23 any way within the AOC data to

1 desegregate between the LFOs that apply 2 to the disqualifying felony in the row 3 and the LFOs that apply to the non-disqualifying felony in the row? 4 5 Α. No, unfortunately not. They are 6 aggregated together in both the grand 7 total of restitution owed -- ordered and 8 owed as well as the post-sentence fees 9 ordered and balance due. 10 So, it's not that you failed to Q. 11 desegregate the data but that the data 12 itself was not desegregated; is that 13 right, that you -- that AOC provided? 14 That's correct. Α. 15 And I can probably add that on 16 the wish list that Ms. Messick had asked 17 me to start off, off the top of my head, 18 data that would desegregate based on the 19 crime committed and convicted of those 20 LFOs ordered and paid, but the structure 21 of the data did not include that. 2.2. Q. You're not aware of any data that we 23 could have gotten that would have done

1 that, are you? 2 I don't know of -- I don't know of Α. 3 that data. Yeah. So, there is no -- of the wish 4 Ο. 5 list that Ms. Messick asked you for, 6 there is not something that is plainly 7 available that you know about that wasn't 8 available to you? It's rather kind of 9 you were identifying data that maybe 10 could exist in the world that would be 11 useful ideally; is that right? 12 Yeah, that's what wish lists Α. 13 generally are, things that one can't 14 obtain or wishes they could obtain to be 15 able to answer questions. So, I am 16 limited by the data that exists and that 17 was provided. 18 MS. LANG: I don't have any further questions. 19 20 MS. MESSICK: We don't 21 either. Thank you for your 2.2. time today, Dr. Smith. 23 MS. LANG: Thank you. Boggs Reporting & Video LLC

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THE WITNESS: Thank you
 1
 2
                             all.
 3
                                  MS. LANG: All right.
 4
                            Bye.
 5
                               (Hearing concluded at
 6
 7
                               approximately 4:20 p.m.)
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# 1 REPORTER'S CERTIFICATE 2 3 STATE OF ALABAMA) 4 CHILTON COUNTY) 5 6 I, Wendy Kendrick, Certified Court 7 Reporter and Notary Public in and for the State of 8 Alabama at Large, do hereby certify on Thursday, 9 July 16, 2020, I reported the virtual 10 videoconference deposition of DANIEL SMITH, Ph.D, 11 who was first duly sworn by me to speak the truth, 12 the whole truth, and nothing but the truth, in the 13 matter of TREVA THOMPSON, ET AL., Plaintiff, versus 14 JOHN H. MERRILL, IN HIS OFFICIAL CAPACITY AS SECRETARY OF STATE, ET AL., Defendant, Civil Action 15 16 No. 2:16-cv-783-ECM-SMD, now pending in the United 17 States District Court for the Middle District, 18 Northern Division of Alabama; that the foregoing 19 colloquies, statements, questions and answers 20 thereto were reduced to 177 typewritten pages under 21 my direction and supervision; that the deposition is 2.2. a true and accurate transcription of the 23 testimony/evidence of the examination of said

1 witness by counsel for the parties set out herein. 2 I further certify that I am neither of 3 relative, employee, attorney or counsel of any of 4 the parties, nor am I a relative or employee of such 5 attorney or counsel, nor am I financially interested 6 in the results thereof. All rates charged are usual 7 and customary. 8 This the 27th day of July, 2020. 9 10 11 12 /S/:Wendy Kendrick 13 Wendy Kendrick ACCR NO. 444 Exp: 9/30/20 Certified Court Reporter and 14 Notary Public Commission expires: 2/20/24 15 16 17 18 (C) Copyright 2020, Boggs Reporting & Video, LLC. 19 All rights reserved. No portion of this document 20 may be reproduced without written consent of Boggs Reporting & Video, LLC. 21 22 23 Boggs Reporting & Video LLC

1	ERRATA SHEET
2	I, DANIEL A. SMITH, Ph.D, the witness
3	herein, have read the transcript of my testimony and the same is true and correct, to the best of my
4	knowledge, with the exception of the following changes noted below, if any:
5	Page / Line / Change / Reason
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.7	DANIEL A. SMITH, Ph.D
.8	Sworn to and subscribed before me, this the day of, 2020.
.9	
20	
21	Notary Public My commission expires:
22	
23	
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	I	
Case 2:16-cv-00783-FCM-SM	D <sup>125/12</sup> 10,000 Gyment 248-1 Filed 08/0	184/9 185/8 185/19 186/18
<b>DR. SMITH: [2]</b> 8/6 9/17		
<b>MS. LANG: [75]</b> 7/8 8/12 8/15 15/14	<b>100</b> [5] 82/2 160/7 161/2 164/5 174/19	
16/18 19/15 20/3 33/21 35/6 36/6	<b>100 percent [10]</b> 100/14 100/22 101/1 101/16 104/8 104/9 104/11 107/19	<b>22,365 [1]</b>
45/21 51/7 60/4 61/1 61/23 67/3 68/14	108/3 173/21	<b>22.4 percent [1]</b> 157/16
70/1 70/21 71/10 72/7 73/14 74/15	<b>10:00</b> [1] 1/22	<b>23 [6]</b> 47/21 48/9 136/19 136/20
75/1 77/8 81/19 82/9 83/8 88/5 91/16	<b>11 [7]</b> 22/12 24/14 77/1 79/7 125/5	138/22 138/23
97/14 97/20 98/8 102/10 102/13	125/11 154/16	<b>23,316 [1]</b> 44/16
102/17 102/23 103/3 103/12 103/20	11.5 percent [1] 163/11	23-month [8] 131/18 131/22 132/1
104/18 105/15 105/18 109/13 113/9 114/9 114/16 116/9 119/11 121/6	115 percent [1] 163/12	133/7 133/11 134/13 136/2 139/5
121/20 122/9 123/2 125/15 125/23	<b>11th [1]</b> 14/15	<b>24 [10]</b> 71/16 72/3 89/20 91/3 125/18
126/5 126/19 134/19 136/7 137/5	<b>12 [10]</b> 77/16 78/5 157/15 158/1	127/4 127/6 127/21 129/7 185/15
151/20 151/23 158/6 159/14 161/15	158/15 162/16 162/23 162/23 164/16	24th [1] 17/2
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173/13 179/23 182/18 182/23 183/3	125 [3] 17/14 17/19 17/19	<b>26 [2]</b> 93/22 99/8
MS. MESSICK: [47] 6/11 7/10 8/14	<b>12th [1]</b> 35/16 <b>13 [4]</b> 40/19 78/20 81/6 81/15	<b>26 percent [1]</b> 100/7 <b>26.2 [1]</b> 127/11
8/20 9/2 11/23 15/9 15/19 19/20 20/15	<b>130,000 [1]</b> 154/10	<b>26.2 percent [2]</b> 126/2 127/19
33/18 34/3 36/3 45/5 71/7 74/20 80/6	135 [1] 156/4	<b>26.7 [1]</b> 165/12
81/4 89/15 97/17 98/18 102/15 102/18	<b>135,579 [4]</b> 95/11 95/14 99/23 168/10	<b>26.7 percent [1]</b> 164/12
103/15 103/18 105/13 105/17 114/19	<b>136,000 [1]</b> 156/5	27.3 percent [1] 127/23
119/14 122/16 123/8 126/11 127/5 137/13 138/1 144/8 149/5 149/8 160/2	<b>136,490 [2]</b> 158/17 160/18	<b>270,000 [1]</b> 88/12
161/19 162/6 170/7 170/12 172/3	<b>14 [5]</b> 76/23 82/18 86/13 114/20 115/6	<b>27th [1]</b> 185/8
174/15 179/11 182/20	1400 [1] 2/11	<b>28</b> [2] 95/8 95/12
THE COURT REPORTER: [3] 79/20	<b>1411</b> [1] 2/11	<b>282</b> [ <b>26</b> ] 46/23 48/1 48/10 49/3 49/4
80/10 81/2	<b>15 [19]</b> 28/22 32/4 32/10 81/1 82/2 82/18 82/19 113/19 114/12 115/13	64/3 64/12 64/17 64/22 65/3 66/11 67/7 68/22 70/16 71/5 72/11 72/22
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\$	<b>16 [7]</b> 1/23 78/12 81/15 84/1 167/9	<b>29,513</b> [1] 135/21
<b>\$0 [3]</b> 158/13 158/19 159/18	168/1 184/9	<b>29,547</b> [1] 136/3
<b>\$1,000 [3]</b> 161/14 162/12 165/15	<b>17 [3]</b> 11/17 86/10 86/13	2:16-cv-783-ECM-SMD [2] 1/7 184/16
φι,σοσ [σ] 101/11 102/12 100/10	1477 [4] 104/00	
<b>\$10,000 [1]</b> 166/9	<b>177 [1]</b> 184/20	3
<b>\$10,000 [1]</b> 166/9 <b>\$100 [2]</b> 158/23 165/2	<b>18 [3]</b> 82/17 86/10 86/17	
\$10,000 [1] 166/9 \$100 [2] 158/23 165/2 \$14,000 [1] 77/3		3,000,000 [1] 105/8 3,468 [2] 178/3 178/16
\$10,000 [1] 166/9 \$100 [2] 158/23 165/2 \$14,000 [1] 77/3 \$270 [1] 87/14	<b>18</b> [3] 82/17 86/10 86/17 <b>19</b> [3] 40/19 89/19 101/19 <b>1983</b> [1] 37/14	<b>3,000,000 [1]</b> 105/8 <b>3,468 [2]</b> 178/3 178/16 <b>3,548 [3]</b> 102/1 102/19 103/13
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\$10,000 [1] 166/9 \$100 [2] 158/23 165/2 \$14,000 [1] 77/3 \$270 [1] 87/14	18 [3] 82/17 86/10 86/17 19 [3] 40/19 89/19 101/19 1983 [1] 37/14 2 2,000,000 [1] 105/7	<b>3,000,000 [1]</b> 105/8 <b>3,468 [2]</b> 178/3 178/16 <b>3,548 [3]</b> 102/1 102/19 103/13 <b>3,671,110 [1]</b> 106/9 <b>318 [1]</b> 4/7
\$10,000 [1] 166/9 \$100 [2] 158/23 165/2 \$14,000 [1] 77/3 \$270 [1] 87/14 \$5,000 [4] 157/18 160/23 164/6 167/13 \$63,917 [1] 78/22	18 [3] 82/17 86/10 86/17 19 [3] 40/19 89/19 101/19 1983 [1] 37/14 2 2,000,000 [1] 105/7 2,000s [2] 31/8 31/10	3,000,000 [1] 105/8 3,468 [2] 178/3 178/16 3,548 [3] 102/1 102/19 103/13 3,671,110 [1] 106/9 318 [1] 4/7 30 [7] 49/10 49/15 158/2 159/12 171/4
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