

# Using Survey Technology for Data Collection

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# The Problem(s):

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RA's make mistakes!

- Spreadsheet rows get deleted
- Use nonstandard codings

This causes **big** problems!

- Reliability
- Validity

# The Solution

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Use survey technology (Qualtrics) as a coding form.

Make Qualtrics think **Cases** are **People**.

# The Process

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1. Scrape metadata from files (opinions).
2. Upload metadata to Qualtrics (as Survey “Contacts”).
3. Use “Contact” information in Survey.
  - Reap the benefits of survey design.
4. Create “Distribution Links”

# Create Metadata (Python)

Email	FirstName	LastName	court	parties	citestrings	LexisCite	attorneys	majority_nar	perCuriam	dissent	dissent_no	dissent_name	dissent_1	dissent_2
mjn15@psu.	1990 Ala.	LE	Alabama-19	Supreme Co	Guy E. Spark	562 So. 2d 2	1990 Ala. LE	J. G. Speake of Spea	MADDOX	0	0	0		
mjn15@psu.	1990 Ala.	LE	Alabama-19	Supreme Co	Bridgeway C	562 So. 2d 2	1990 Ala. LE	Ronnie L. Williams,	SHORES	0	0	0		
mjn15@psu.	1990 Ala.	LE	Alabama-19	Supreme Co	Sea Calm Shi	565 So. 2d 2	1990 Ala. LE	Sidney H. Schell of F	ALMON	0	0	0		
mjn15@psu.	1990 Ala.	LE	Alabama-19	Supreme Co	Jane Doe v. C	570 So. 2d 1	1990 Ala. LE	Bingham D. Edward	HOUSTON	0	0	0		
mjn15@psu.	1991 Ala.	LE	Alabama-19	Supreme Co	Cay P. Brasw	574 So. 2d 7	1991 Ala. LE	LEXIS 6	JONES	0	0	0		
mjn15@psu.	1991 Ala.	LE	Alabama-19	Supreme Co	H. K. Scott, e	575 So. 2d 1	1991 Ala. LE	Robert W. Hanson,	MADDOX	0	0	0		
mjn15@psu.	1991 Ala.	LE	Alabama-19	Supreme Co	Vikki L. Friar	578 So. 2d 1	1991 Ala. LE	Kenneth W. Hooks	KENNEDY	0	0	0		
mjn15@psu.	1991 Ala.	LE	Alabama-19	Supreme Co	Ex Parte AMI	582 So. 2d 4	1991 Ala. LE	Appellants: Lyman F	SHORES	0	0	0		
mjn15@psu.	1991 Ala.	LE	Alabama-19	Supreme Co	Billie H. Wra	589 So. 2d 1	1991 Ala. LE	For Appellant: Dave	PER CURIAM	1	0	0		
mjn15@psu.	1991 Ala.	LE	Alabama-19	Supreme Co	Barbara Moc	592 So. 2d 1	1991 Ala. LE	Appellant: Gregory	ADAMS	0	1	1	Dissent by:MADDOX	Dissent by:MADDOX
mjn15@psu.	1991 Ala.	LE	Alabama-19	Supreme Co	Illinois Centr	592 So. 2d 5	1991 Ala. LE	LEXIS 1217	MADDOX	0	0	0		
mjn15@psu.	1991 Ala.	LE	Alabama-19	Supreme Co	Ex parte Terr	594 So. 2d 6	1991 Ala. LE	Petitioner: Jeffery C	ADAMS	0	0	0		
mjn15@psu.	1992 Ala.	LE	Alabama-19	Supreme Co	Harry S. Hagl	598 So. 2d 1	1992 Ala. LE	Daniel A. Pike, Mob	MADDOX	0	0	0		
mjn15@psu.	1992 Ala.	LE	Alabama-19	Supreme Co	Rebecca Pott	604 So. 2d 3	1992 Ala. LE	For Appellant: Moni	INGRAM	0	0	0		
mjn15@psu.	1992 Ala.	LE	Alabama-19	Supreme Co	Dr. William C	611 So. 2d 2	1992 Ala. LE	For Appellant: John	HOUSTON	0	0	0		
mjn15@psu.	1992 Ala.	LE	Alabama-19	Supreme Co	Ex parte Stat	627 So. 2d 1	1992 Ala. LE	For Petitioner: Jame	ADAMS	0	1	1	Dissent by:HOUSTON	Dissent by:HOUSTON
mjn15@psu.	1993 Ala.	LE	Alabama-19	Supreme Co	Frank J. Senn	619 So. 2d 1	1993 Ala. LE	For Appellant: Roge	HOUSTON	0	0	0		
mjn15@psu.	1993 Ala.	LE	Alabama-19	Supreme Co	Ex parte Chri	621 So. 2d 1	1993 Ala. LE	For Petitioner: J. Ed	KENNEDY	0	0	0		
mjn15@psu.	1993 Ala.	LE	Alabama-19	Supreme Co	Kenneth K. H	622 So. 2d 9	1993 Ala. LE	For Appellant: Mark	SHORES	0	0	0		
mjn15@psu.	1993 Ala.	LE	Alabama-19	Supreme Co	Ex Parte Frec	623 So. 2d 7	1993 Ala. LE	For Petitioner: J. Bri	ADAMS	0	0	0		
mjn15@psu.	1993 Ala.	LE	Alabama-19	Supreme Co	Ex parte Rob	627 So. 2d 8	1993 Ala. LE	For Petitioner: Willie	KENNEDY	0	0	0		
mjn15@psu.	1993 Ala.	LE	Alabama-19	Supreme Co	Randal Scott	628 So. 2d 5	1993 Ala. LE	For Appellants: Dav	STEAGALL	0	1	2	Dissent by:MADDOX; INGRAM	Dissent by:M INGRAM
mjn15@psu.	1993 Ala.	LE	Alabama-19	Supreme Co	Arnold F. Pitt	631 So. 2d 2	1993 Ala. LE	For Appellant: Steve	SHORES	0	0	0		
mjn15@psu.	1994 Ala.	LE	Alabama-19	Supreme Co	Richard A. W	631 So. 2d 9	1994 Ala. LE	For Appellant: T. J. C	HOUSTON	0	0	0		
mjn15@psu.	1994 Ala.	LE	Alabama-19	Supreme Co	Ronnie Earl F	638 So. 2d 8	1994 Ala. LE	For Appellant: Ronn	HOUSTON	0	0	0		
mjn15@psu.	1994 Ala.	LE	Alabama-19	Supreme Co	Linda Kay Jor	643 So. 2d 9	1994 Ala. LE	For Appellant: Isaac	STEAGALL	0	0	0		
mjn15@psu.	1994 Ala.	LE	Alabama-19	Supreme Co	Ex parte Ken	674 So. 2d 1	1994 Ala. LE	For Petitioner: Kath	STEAGALL	0	0	0		
mjn15@psu.	1995 Ala.	LE	Alabama-19	Supreme Co	Town of Van	661 So. 2d 7	1995 Ala. LE	For Appellant: Thon	SHORES	0	0	0		
mjn15@psu.	1995 Ala.	LE	Alabama-19	Supreme Co	C. F. Halstear	662 So. 2d 1	1995 Ala. LE	For Appellant: Hary	BUTTS	0	0	0		
mjn15@psu.	1995 Ala.	LE	Alabama-19	Supreme Co	City of Tusca	670 So. 2d 3	1995 Ala. LE	For Appellant: Robe	HOUSTON	0	0	0		
mjn15@psu.	1996 Ala.	LE	Alabama-19	Supreme Co	Ralph Wyser	680 So. 2d 2	1996 Ala. LE	For Appellant/cross	INGRAM	0	1	1	Dissent by:MADDOX	Dissent by:MADDOX
mjn15@psu.	1996 Ala.	LE	Alabama-19	Supreme Co	American Le	681 So. 2d 1	1996 Ala. LE	For Appellant: Jame	ALMON	0	1	1	Dissent by:HOUSTON	Dissent by:HOUSTON

# Upload Metadata



Michael J Nelson ▾

Projects

**Contacts**

Library

Survey Director

Help



+ Create Sample

+ Create Contact List

🔍 Search Contact Lists...



All Folders

38



Uncategorized

34



ICR

4

+ New Folder

All Folders

Filter By: All ▾



17\_AF

Last Modified: Aug 17, 2017 11:16 AM

Members

349

Type

Mailing List



17\_CA

Last Modified: Nov 6, 2017 1:12 PM

Members

1,028

Type

Mailing List



17\_CB

Last Modified: Aug 16, 2017 1:37 PM

Members

2,912

Type

Mailing List




# Upload Metadata


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No Items Selected ▾





<input type="checkbox"/>	Opted In	First Name	Last Name	Email
<input type="checkbox"/>	✓	1996 Ala. LEXIS 196	Alabama-1996-686.So.2d.1110.txt	mjn15@psu.edu
<input type="checkbox"/>	✓	1996 Ala. LEXIS 480	Alabama-1996-684.So.2d.123.txt	mjn15@psu.edu
<input type="checkbox"/>	✓	1996 Ala. LEXIS 509	Alabama-1996-683.So.2d.415.txt	mjn15@psu.edu
<input type="checkbox"/>	✓	1996 Ala. LEXIS 10	Alabama-1996-675.So.2d.371.txt	mjn15@psu.edu
<input type="checkbox"/>	✓	1995 Ala. LEXIS 401	Alabama-1995-674.So.2d.1260.txt	mjn15@psu.edu

# Create Survey

 SPSA\_Demo ▾

ProjectsContactsLibrarySurvey DirectorHelp

SurveyActionsDistributionsData & AnalysisReports

 Look & Feel Survey Flow Survey Options Tools ▾

Preview Survey

Search...

SPSA\_Demo

▸ Default Question Block (32 Questions)Block Options ▾

▸ Dissent 1 Block (7 Questions)Block Options ▾

▸ Dissent 2 Block (7 Questions)Block Options ▾

▸ Dissent 3 Block (7 Questions)Block Options ▾

▸ Dissent 4 Block (7 Questions)Block Options ▾

▸ Dissent 5 Block (8 Questions)Block Options ▾

▸ End Block (2 Questions)Block Options ▾

Add Block



# Create Survey

SPSA\_Demo

▼ Default Question Block

Block Options ▼

☐

CODER

What are your initials? (3 Characters)

☐

Q1

The case you have selected to code is

\$(e://Field/parties)

This case's citation is \$(m://FirstName), and its filename is \$(m://LastName).

☐

Q3

Does the court make a substantive or procedural ruling on your selected issue? If you are uncertain, keep coding until you are certain. You will be able to come back and change this answer if necessary.

☐ Yes

☐ No

☐

FILTER TIME

This question lets you record and manage how long a participant spends on this page. This question will not be displayed to the participant.

# Generate Distribution Links

Response ID	Last Name	First Name	Link	Link Expiration
	Alabama-2012-101.So.3d.1190.txt	2012 Ala. LEXIS 102	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Alaska-2009-204.P.3d.364.txt	2009 Alas. LEXIS 46	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	California-1991-52.Cal.3d.1142.txt	1991 Cal. LEXIS 900	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	California-1995-10.Cal.4th.463.txt	1995 Cal. LEXIS 3376	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Connecticut-2007-281.Conn.486.txt	2007 Conn. LEXIS 70	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Florida-1998-716.So.2d.769.txt	1998 Fla. LEXIS 1620	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Florida-2003-846.So.2d.1114.txt	2003 Fla. LEXIS 630	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Illinois-1990-135.Ill.2d.159.txt	1990 Ill. LEXIS 1	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Indiana-1991-567.N.E.2d.1142.txt	1991 Ind. LEXIS 57	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Iowa-2002-644.N.W.2d.txt	2002 Iowa Sup. LEXIS 95	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Iowa-2014-845.N.W.2d.676.txt	2014 Iowa Sup. LEXIS 14	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Kansas-2002-273.Kan.191.txt	2002 Kan. LEXIS 117	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Kentucky-2010-317.S.W.3d.569.txt	2010 Ky. LEXIS 7	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Louisiana-2002-2002.La.LEXIS.726.txt	2002 La. LEXIS 726	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Louisiana-2005-891.So.2d.1233.txt	2005 La. LEXIS 133	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Maryland-2001-363.Md.511.txt	2001 Md. LEXIS 128	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Massachusetts-2000-431.Mass.535.txt	2000 Mass. LEXIS 249	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Massachusetts-2002-436.Mass.132.txt	2002 Mass. LEXIS 84	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Massachusetts-2005-444.Mass.821.txt	2005 Mass. LEXIS 443	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Massachusetts-2007-449.Mass.747.txt	2007 Mass. LEXIS 596	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Michigan-1998-456.Mich.543.txt	1998 Mich. LEXIS 559	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Michigan-1998-458.Mich.43.txt	1998 Mich. LEXIS 1615	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Mississippi-1999-749.So.2d.1062.txt	1999 Miss. LEXIS 373	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Mississippi-2002-826.So.2d.679.txt	2002 Miss. LEXIS 9	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Mississippi-2006-932.So.2d.760.txt	2006 Miss. LEXIS 358	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Missouri-1993-860.S.W.2d.303.txt	1993 Mo. LEXIS 88	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	Montana-1996-278.Mont.353.txt	1996 Mont. LEXIS 203	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	NewHampshire-1991-134.N.H.702.txt	1991 N.H. LEXIS 121	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	NewHampshire-2002-148.N.H.577.txt	2002 N.H. LEXIS 172	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	NewJersey-1999-160.N.J.562.txt	1999 N.J. LEXIS 995	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31
	NewJersey-2008-195.N.J.210.txt	2008 N.J. LEXIS 772	<a href="https://pennstate.qualtrics.com/s/3/5/18/21/31">https://pennstate.qualtrics.com/s/3/5/18/21/31</a>	3/5/18 21:31

# Coders Take Survey

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What are your initials? (3 Characters)

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The case you have selected to code is

THE PEOPLE, Plaintiff and Respondent, v. LARRY DAVID DAVIS, Defendant and Appellant.

This case's citation is 1995 Cal. LEXIS 3376, and its filename is California-1995-10.Cal.4th.463.txt.

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Does the court make a substantive or procedural ruling on your selected issue? If you are uncertain, keep coding until you are certain. You will be able to come back and change this answer if necessary.

☐ Yes

☐ No

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# Coders Get Scolded!

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Please limit the response to 3 characters.

What are your initials? (3 Characters)

The case you have selected to code is

THE PEOPLE, Plaintiff and Respondent, v. LARRY DAVID DAVIS, Defendant and Appellant.

This case's citation is 1995 Cal. LEXIS 3376, and its filename is California-1995-10.Cal.4th.463.txt.

Does the court make a substantive or procedural ruling on your selected issue? If you are uncertain, keep coding until you are certain. You will be able to come back and change this answer if necessary.

☐ Yes

☒ No

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# The Survey Can Branch!

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There is no need to code this case. **Click the "Next" arrow below to finalize your coding of this case** and then move on to the next case!

<<

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# Recoded Cases are Saved

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You've completed coding this case!

If you need to edit your responses, click this link: [https://pennstate.qualtrics.com/SE/?SID=SV\\_5cCdcqkg6INfqeN&Q\\_R=R\\_29j4pDZN6AyKkOY&Q\\_R\\_DEL=1](https://pennstate.qualtrics.com/SE/?SID=SV_5cCdcqkg6INfqeN&Q_R=R_29j4pDZN6AyKkOY&Q_R_DEL=1)

# Data are Labeled!

Recipient Last Name	CODER - What are your initials? (3 Characters)	FPARTYOTHER - If you selected "Other" for any of the above parties, please explain. Be as...	Q3 - Does the court make a substantive or procedural ruling on your selected iss...	FPARTY - First Listed Parties We will begin by coding the first listed parties....	FPARTYTYPE - Looking at all of the parties on this side of the case (including the party...	FPARTYETAL - Does the listing of parties include "et al" or otherwise give you reason to...
Georgia-2003-277.Ga.111.txt	LCJ		Yes	Other Natural Person	Other Natural Person	No
Alabama-1998-717.So.2d.793.txt	zjr		Yes	Other Natural Person	Other Natural Person	No
Georgia-1996-266.Ga.474.txt	JMC		Yes	Other Natural Person	Other Natural Person	No
NewYork-2006-7.N.Y.3d.338.txt	LCJ	Appellants are 44 same-sex couples.	Yes	Other Natural Person	Other Natural Person	Yes
WestVirginia-2005-217.W.Va.625.txt	LCJ		Yes	Other Natural Person	Other Natural Person	No
Massachusetts-2004-440.Mass.1201.txt	LCJ	The Justices answered a question propounded to them by the Senate.	Yes	State Government	State Government	No

# Thanks!

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