

How Random is the iPod's Shuffle?

Joan Garfield
University of Minnesota
jbg@umn.edu

Laura Ziegler¹
University of Minnesota
Sath0166@umn.edu



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Overview of Lesson

This activity teaches students to recognize characteristics of randomly sampled or randomly generated data. The context is randomly generated songs using an iPod Shuffle function. The activity begins with a claim that songs are not randomly generated using this Shuffle function. Students are given three samples of data: a set of 25 randomly generated playlists for students to use as a basis to describe characteristics of a random sample, in this case, a randomly generated playlist. After students come up with their ideas of what characteristics to look for, they are given a set of five additional playlists (also randomly generated) on which to test their rules. Once they feel confident that their rules can be used to determine if a set of songs have NOT been randomly generated, they are then given three disputed playlists, which students are asked to judge based on their rules. Students work in groups to examine the data, come up with rules, and finally, write a report about their finding and whether or not they believe the three disputed playlists were not randomly generated.

This activity introduces the ideas of randomness, and the fact that each outcome is uncertain, but that predictable patterns emerge based on sets of outcomes in the long run. Note; this lesson was developed as part of the NSF-funded CATALST project but is perfectly adaptable to grades 6, 7 or 8.

GAISE Components

This investigation follows the four components of statistical problem solving put forth in the *Guidelines for Assessment and Instruction in Statistics Education (GAISE) Report*. The four components are: formulate a question, design and implement a plan to collect data, analyze the data by measures and graphs, and interpret the results in the context of the original question. This is a GAISE Level A activity. Students need to develop basic ideas of probability in order to support their later use of probability in drawing inferences at Levels B and C. At Level A, students should understand that *probability is a measure of the chance that something will happen. It is a measure of certainty or uncertainty*. As students work with results from repeating random phenomena, they can develop an understanding for the concept of *randomness*.

Common Core State Standards for Mathematical Practice

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Attend to precision.
6. Look for and make use of structure.

Common Core State Standards Grade Level Content (Grades 6 and 7)

6. SP. 1. Recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers. *For example, “How old am I?” is not a statistical question, but “How old are the students in my school?” is a statistical question because one anticipates variability in students’ ages.*
6. SP. 2. Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape.
7. SP. 1. Understand that statistics can be used to gain information about a population by examining a sample of the population; generalizations about a population from a sample are valid only if the sample is representative of that population. Understand that random sampling tends to produce representative samples and support valid inferences.
7. SP. 2. Use data from a random sample to draw inferences about a population with an unknown characteristic of interest. Generate multiple samples (or simulated samples) of the same size to gauge the variation in estimates or predictions. *For example, estimate the mean word length in a book by randomly sampling words from the book; predict the winner of a school election based on randomly sampled survey data. Gauge how far off the estimate or prediction might be.*
7. SP. 5. Understand that the probability of a chance event is a number between 0 and 1 that expresses the likelihood of the event occurring. Larger numbers indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.
7. SP. 7. Develop a probability model and use it to find probabilities of events. Compare probabilities from a model to observed frequencies; if the agreement is not good, explain possible sources of the discrepancy.

NCTM Principles and Standards for School Mathematics

Data Analysis and Probability Standards for Grades 6-8

Formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them:

- formulate questions, design studies, and collect data about a characteristic shared by two populations or different characteristics within one population.

Develop and evaluate inferences and predictions that are based on data:

- use observations about differences between two or more samples to make conjectures about the populations from which the samples were taken;
- use conjectures to formulate new questions and plan new studies to answer them.

Understand and apply basic concepts of probability:

- use proportionality and a basic understanding of probability to make and test conjectures about the results of experiments and simulations.

Prerequisites

No prior knowledge/skills are needed to participate in the Lesson.

Learning Targets

After completing this activity students will be able to ...

- understand that there are some recognizable characteristics of randomly sampled or randomly generated data
- provide solutions to a real-world problem by analyzing data
- explore what “random” means
- work in a group and communicate their results by writing and presenting a report
- connect ideas of data and probability to a real world problem of interest
- understand the logic of statistical inference at a beginner level
- experience elements of statistical thinking.

Time Required

1 to 2 class periods

Materials Required

Pencil and paper

Handout A: student activity (handouts are provided at the end of the lesson)

Handout B: 25 iPod Shuffle playlists

Handout C: 5 iPod Shuffle playlists

Handout D: Mr. Hoffman’s three playlists

Instructional Lesson Plan

The GAISE Statistical Problem-Solving Procedure

I. Formulate Question(s)

Students individually read the first page of the student handout (A) to become familiar with the context of the problem and answer four questions about the background article presented.

Students will then form small groups of three or four and share and discuss their answers with their group. Note that there are no correct or incorrect answers for these questions. We just want to see what the students’ intuitions are.

II. Design and Implement a Plan to Collect the Data

In groups, students move on to the group task and work on the problem in a group for about 30 minutes. The group task describes a situation in which Albert Hoffman, an iPod owner, believes that his iPod shuffle feature is not generating random playlists. Students are told they will examine playlists of 20 songs each using the same songs as Mr. Hoffman’s library but generating them using a genuine random number generation method. They will also be informed that they will be comparing the genuine randomly generated playlists with Albert Hoffman’s playlist to address his concern. Students individually read the group task description and discuss it with their group.

After reading the group task description, students are asked to examine the randomly generated playlists (Handout B) to get an idea of the characteristics of these lists. The initial set of playlists

that students are given is *25 Random Playlists* consisting of 20 songs each. Students then write down and number two or more characteristics of a randomly generated playlist in the space below.

Teacher note: Some common characteristics that students created include;

- Artists are usually not repeated more than 3 times in a row.
- Artists usually do not appear more than 6 times in a playlist.
- Playlists usually contain at least 7 of the 8 artists.
- All artists are usually not represented proportionally.

III. Analyze the Data

Students first work in their groups to develop rules that flag playlists that do not appear to be randomly generated.

Teacher note: The most common rules that students create include;

- If an artist is repeated more than 3 times in a row, the playlist is not random.
- If an artist appears more than 6 times in a playlist, it is not random.
- If a playlist does not contain at least 7 of the 8 artists, it is not random.
- If all artists are represented proportionally, the playlist is not random.

Be careful: sometimes students claim that they could say that Mr. Hoffman's playlists were randomly generated. Instead, the conclusion should be that there is not evidence that they are NOT randomly generated. This can lead to a good class discussion.

Have groups share their rules. As one option, students from different groups meet to present their solutions to each other. The students then return to their groups to discuss what they learned. They discuss how they would change their rules if they had to do it all over again. Consider having students revise their rules based on their discussions. Another option would be to randomly pick one group and share their rules with the class. Students could then see if they could implement that group's rules.

After they develop their initial method, students are then given an additional set of playlists on the *5 Random Playlists* handout (Handout C) to test and modify their model. Students often make their rules more concrete and easier to follow. They often also make their rules less strict. For example, one common rule that students have is "If an artist appears more than 5 times in a playlist, it is not random." One of the *5 Random Playlists* includes an artist that was played 6 times in the playlist and therefore students often change their rule to "If an artist appears more than 6 times in a playlist, it is not random."

IV. Interpret the Results

In their small groups, students are given Mr. Hoffman's three playlists from the *Albert Hoffman's 3 Playlists* handout (Handout D) and are asked to judge whether there is convincing evidence that Mr. Hoffman's iPod shuffle feature is producing playlists which do not seem to be randomly generated.

Students are asked to write up reports of their results. Each group writes their solution in a letter or memo to the client. This could take 10 - 25 minutes.

After they finish working in their small groups to write their report, the instructor leads a large group discussion of the different solutions, the statistics involved, and the effectiveness of the different solutions in meeting the needs of the client. Suggested questions for whole class discussion:

- What do you think about when you hear the word random?
- What did you learn about random sequences?
- What do you now know or believe that you did not know when beginning the activity?
- What was the process for coming up with rules?
- Can you prove that something is random?
- How might your rules change if there weren't an equal number of songs for each artist?
Or a longer set of songs per playlist?
- What do you think you were supposed to learn from this activity? What was the purpose?

Assessment

The following rubric can be used to assess the students' reports and presentations:

0 not at all or no evidence, 1 some evidence, 3 good evidence

1. The students appear to have paid attention to all the data (playlists) in making their analysis and conclusions.
2. The students clearly describe the rules they came up with to determine if a playlist is not random.
3. The students clearly state a conclusion about the three disputed playlists submitted by Mr. Hoffman.
4. The students appear to have an understanding of what is meant by a random sequence.

Use for Questions 1–2

The *Gopher 5* is a cash lotto game in Minnesota. To play, players pick five numbers from 1 to 47. *Each number can only be used once.* The numbers are listed in numerical order (not necessarily the order in which they were selected). A player wins the *Gopher 5 Jackpot* if all five numbers chosen by that player match the five winning numbers chosen randomly by a computer.

Here are four sets of five numbers that players have chosen for the *Gopher 5*:

Set 1:	1	2	3	4	5
Set 2:	1	13	25	31	42
Set 3:	10	16	24	25	40
Set 4:	5	10	15	20	25

1. Is one of these sets of numbers **more likely** to win the *Gopher 5* than any of the others? Explain why or why not?
2. Is one of these sets of numbers **less likely** to win the *Gopher 5* than the others? Explain why or why not?
3. Charles Wright has an iPod shuffle with five songs:
 - *November Rain* by Guns 'N Roses
 - *Ain't No Mountain High Enough* by Nicholas Ashford and Valerie Simpson
 - *Call Me Maybe* by Carly Rae Jepsen
 - *Rainbow Connection* by Kermit the Frog
 - *Statistician's Blues* by Todd SniderUsing the shuffle feature, Charles' iPod has played *Call Me Maybe* six times in a row. Which song is least likely to be played next (assuming the shuffle feature is truly random)? Explain.

Answers

1. No. All of the four sets of numbers have an equal probability of winning the *Gopher 5* because the numbers are chosen randomly so each number in each position has an equal probability of being chosen (i.e., 1: $1/47$, 2: $1/46$, 3: $1/45$, 4: $1/44$, 5: $1/43$).
2. No. As stated above, all numbers have an equal chance of being drawn each time. 1, 2, 3, 4, 5, is no less likely to be drawn than 1, 13, 25, 31, 42.
3. All songs are equally likely to be played next. If the shuffle feature is truly random, each of the five songs have the same probability of being played next.

Possible Extensions

A good follow-up activity would involve some explorations with chance devices to generate and examine different types of random outcomes. For example, students can examine sequences of coin tosses, dice rolls, spinner landings, etc. They can be challenged to create rules for determining whether or not a dice, coin or spinner is fair, after generating random sequences of data.

References

1. *Guidelines for Assessment and Instruction in Statistics Education* (GAISE) Report, ASA, Franklin et al., ASA, 2007 <http://www.amstat.org/education/gaise/>
2. Change Agents for Teaching and Learning Statistics website: <http://www.tc.umn.edu/~catalst/>

Activity Sheet

Students' handout and playlists are also available in the Unit 1 folder at <http://www.tc.umn.edu/~catalst/>

Activity Sheet

How Random Is the iPod's Shuffle?

Based on excerpts from an article by Carl Bialik in the *Wall Street Journal* (9-21-2006), the *iPod User's Manual* and a Keynote Address by Steve Jobs



The iPod shuffle feature takes the list of all the songs on an iPod, and rearranges them in a random order. Each song will appear in the

shuffled playlist only once.

Many people like to use the shuffle feature, and many wonder: Does the shuffle really play users' songs in random order?

Just what makes a playlist of songs random? If the songs are played at random, it must be impossible to predict which song comes next.

1. Do you have an iPod or some other digital music player? Have you used the shuffle feature? If you have used the shuffle feature, have you ever wondered how truly random it is?
2. What comes to mind when you hear the word, “random”?
3. If the iPod shuffle feature is *not* producing a random sequence of songs, then what might the sequence of songs look like? What would you expect to see?
4. Do you think you can be 100% certain that a sequence of songs was not randomly generated? Explain your answer.

Share and discuss your responses to each of the questions with your group.

GROUP TASK

Albert Hoffman, an iPod owner, has written a letter to Apple to complain about the iPod shuffle feature. He writes that every day he takes an hour-long walk and listens to his iPod using the shuffle feature. **He believes that the shuffle feature is producing playlists in which *some artists are played too often and others are not played enough.***

He has claimed that the iPod Shuffle feature is not generating random playlists. As evidence, Mr. Hoffman has provided both his music library (8 artists with 10 songs each) and three playlists (20 songs each) that his iPod generated using the shuffle feature.

Your group has been asked to respond to Mr. Hoffman’s complaint. You will be given several playlists of 20 songs each using the same songs as Mr. Hoffman’s library but generating them using a genuine random number generation method.

To help your group respond to Mr. Hoffman, the next four sections of the activity are designed to help your group explore properties of the randomly generated lists to develop rules that could help determine whether a set of playlists provide evidence that the shuffle feature is **not** producing randomly selected songs.

Explore and Describe

Examine the randomly generated playlists (your group will be given 25) to get an idea of the characteristics of these lists. Write down and number two or more characteristics of a randomly generated playlist in the space below.

Develop Rules

Use the set of characteristics that your group wrote down to describe randomly generated playlists in the previous section to *create a set of one or more rules that flag playlists that **do not appear to have been randomly generated.*** (Be sure that each of the characteristics in the previous section is included in a rule.) *These rules should be clearly stated so that another person could easily use them.*

Test Rules

Your group will be given five additional randomly generated playlists on which to test your rules. Let your instructor know that you are ready to receive these playlists. See whether the set of rules your group generated would lead someone to (incorrectly) question whether these playlists are not randomly generated. Based on the performance of your group's set of rules, adapt or change the rules as your group feels necessary.

Evaluate

Your group will be provided with Mr. Hoffman's original three playlists. Apply your group's rules to these three playlists to judge whether there is convincing evidence that Mr. Hoffman's iPod Shuffle feature is producing playlists which do not seem to be randomly generated.

Summarize

Your group will now write a letter to Mr. Hoffman that includes the following:

- Your group's set of rules, used to judge whether a playlist does **not** appear to have been randomly generated. In your letter the rules need to be clearly stated so that another person could apply them to a playlist of 20 songs from Mr. Hoffman's music library.
- A response to Mr. Hoffman's claim **that the shuffle feature is not random because it produces playlists in which some artists are played too often and others are not played enough.**

Discussion

As a group, discuss your responses to each of the following questions.

5. What made it difficult to come up with a rule to determine whether a sequence of data had been randomly generated? Explain.
6. How might your rules **change** if there weren't an equal number of songs for each artist? Or a longer set of songs per playlist? (Be specific about how your rules might change.)
7. What does your group need to do to improve the process of working as a team? Be specific about how each member of the group will contribute to this improvement.

First Set of Playlists: 25 Random Playlists

(Set 1)	Track	Artist	Album	Year
	The National Anthem	Radiohead	Kid A	2000
	Hells Bells	AC/DC	Back In Black	1980
	Immigrant Song	Led Zeppelin	Led Zeppelin III	1970
	Me And The Major	Belle & Sebastian	If You're Feeling Sinister	1996
	Back In Black	AC/DC	Back In Black	1980
	Eyes For Windows	Damien Jurado	Rehearsals For Departure	1999
	Trust Me	Janis Joplin	Pearl	1971
	Gallows Pole	Led Zeppelin	Led Zeppelin III	1970
	Ohio	Damien Jurado	Rehearsals For Departure	1999
	Flat Chested Girl From Maynardville	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Judy And The Dream Of Horses	Belle & Sebastian	If You're Feeling Sinister	1996
	Buried Alive In The Blues	Janis Joplin	Pearl	1971
	Me & Bobby McGee	Janis Joplin	Pearl	1971
	Tornado	Damien Jurado	Rehearsals For Departure	1999
	Mayfly	Belle & Sebastian	If You're Feeling Sinister	1996
	How To Disappear Completely	Radiohead	Kid A	2000
	That's The Way	Led Zeppelin	Led Zeppelin III	1970
	My Baby	Janis Joplin	Pearl	1971
	Stay In Texas	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Idioteque	Radiohead	Kid A	2000

(Set 1)	Track	Artist	Album	Year
	Idioteque	Radiohead	Kid A	2000
	Cry Baby	Janis Joplin	Pearl	1971
	Tear My Stillhouse Down	Gillian Welch	Revival	1996
	Ohio	Damien Jurado	Rehearsals For Departure	1999
	Saturday	Damien Jurado	Rehearsals For Departure	1999
	Only One And Only	Gillian Welch	Revival	1996
	Treefingers	Radiohead	Kid A	2000
	Me And The Major	Belle & Sebastian	If You're Feeling Sinister	1996
	Shoot To Thrill	AC/DC	Back In Black	1980
	Annabelle	Gillian Welch	Revival	1996
	Motion Picture Soundtrack [Acoustic]	Radiohead	Kid A	2000
	I'll Be Around [Reprise]	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Judy And The Dream Of Horses	Belle & Sebastian	If You're Feeling Sinister	1996
	Flat Chested Girl From Maynardville	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	The Boy Done Wrong Again	Belle & Sebastian	If You're Feeling Sinister	1996
	Me & Bobby McGee	Janis Joplin	Pearl	1971
	Back In Black	AC/DC	Back In Black	1980
	Bullet Through My Teeth	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Dig Down	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Mayfly	Belle & Sebastian	If You're Feeling Sinister	1996

(Set 1)	Track	Artist	Album	Year
	Immigrant Song	Led Zeppelin	Led Zeppelin III	1970
	Given The Dog A Bone	AC/DC	Back In Black	1980
	In Limbo	Radiohead	Kid A	2000
	Out On The Tiles	Led Zeppelin	Led Zeppelin III	1970
	You Shook Me All Night Long	AC/DC	Back In Black	1980
	Pass You By	Gillian Welch	Revival	1996
	Me & Bobby McGee	Janis Joplin	Pearl	1971
	Cry Baby	Janis Joplin	Pearl	1971
	Bullet Through My Teeth	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Seeing Other People	Belle & Sebastian	If You're Feeling Sinister	1996
	The Fox In The Snow	Belle & Sebastian	If You're Feeling Sinister	1996
	One More Dollar	Gillian Welch	Revival	1996
	Gallows Pole	Led Zeppelin	Led Zeppelin III	1970
	Letters & Drawings	Damien Jurado	Rehearsals For Departure	1999
	The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
	Stay In Texas	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Mehan	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Mercedes Benz	Janis Joplin	Pearl	1971
	Let Me Put My Love Into You	AC/DC	Back In Black	1980
	Buried Alive In The Blues	Janis Joplin	Pearl	1971

(Set 1)	Track	Artist	Album	Year
	A Woman Left Lonely	Janis Joplin	Pearl	1971
	Morning Bell	Radiohead	Kid A	2000
	Eyes For Windows	Damien Jurado	Rehearsals For Departure	1999
	Orphan Girl	Gillian Welch	Revival	1996
	The Ending	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Back In Black	AC/DC	Back In Black	1980
	My Baby	Janis Joplin	Pearl	1971
	Half Moon	Janis Joplin	Pearl	1971
	Rehearsals For Departure	Damien Jurado	Rehearsals For Departure	1999
	Buried Alive In The Blues	Janis Joplin	Pearl	1971
	Celebration Day	Led Zeppelin	Led Zeppelin III	1970
	What Do You Do For Money Honey	AC/DC	Back In Black	1980
	Treefingers	Radiohead	Kid A	2000
	How To Disappear Completely	Radiohead	Kid A	2000
	Optimistic	Radiohead	Kid A	2000
	Immigrant Song	Led Zeppelin	Led Zeppelin III	1970
	Kid A	Radiohead	Kid A	2000
	Annabelle	Gillian Welch	Revival	1996
	Tear My Stillhouse Down	Gillian Welch	Revival	1996
	Me And The Major	Belle & Sebastian	If You're Feeling Sinister	1996

(Set 1)	Track	Artist	Album	Year
	In Limbo	Radiohead	Kid A	2000
	Annabelle	Gillian Welch	Revival	1996
	The Boy Done Wrong Again	Belle & Sebastian	If You're Feeling Sinister	1996
	Have A Drink On Me	AC/DC	Back In Black	1980
	Me And The Major	Belle & Sebastian	If You're Feeling Sinister	1996
	Treefingers	Radiohead	Kid A	2000
	Only One And Only	Gillian Welch	Revival	1996
	Dig Down	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Mercedes Benz	Janis Joplin	Pearl	1971
	Ohio	Damien Jurado	Rehearsals For Departure	1999
	One More Dollar	Gillian Welch	Revival	1996
	Barroom Girls	Gillian Welch	Revival	1996
	I'll Be Around [Reprise]	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Cry Baby	Janis Joplin	Pearl	1971
	Get Me Away From Here, I'm Dying	Belle & Sebastian	If You're Feeling Sinister	1996
	The Fox In The Snow	Belle & Sebastian	If You're Feeling Sinister	1996
	Seeing Other People	Belle & Sebastian	If You're Feeling Sinister	1996
	Stay In Texas	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Bullet Through My Teeth	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Tragedy	Damien Jurado	Rehearsals For Departure	1999

(Set 1)	Track	Artist	Album	Year
	Hells Bells	AC/DC	Back In Black	1980
	The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
	Curbside	Damien Jurado	Rehearsals For Departure	1999
	Buried Alive In The Blues	Janis Joplin	Pearl	1971
	Stay In Texas	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	That's The Way	Led Zeppelin	Led Zeppelin III	1970
	Tornado	Damien Jurado	Rehearsals For Departure	1999
	I'll Be Around	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Trust Me	Janis Joplin	Pearl	1971
	Rehearsals For Departure	Damien Jurado	Rehearsals For Departure	1999
	Shake A Leg	AC/DC	Back In Black	1980
	Seeing Other People	Belle & Sebastian	If You're Feeling Sinister	1996
	Back In Black	AC/DC	Back In Black	1980
	Cry Baby	Janis Joplin	Pearl	1971
	Mercedes Benz	Janis Joplin	Pearl	1971
	Flat Chested Girl From Maynardville	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Shoot To Thrill	AC/DC	Back In Black	1980
	Gallows Pole	Led Zeppelin	Led Zeppelin III	1970
	Let Me Put My Love Into You	AC/DC	Back In Black	1980
	Motion Picture Soundtrack [Acoustic]	Radiohead	Kid A	2000

(Set 1)	Track	Artist	Album	Year
	Dig Down	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Rock And Roll Ain't Noise Poll	AC/DC	Back In Black	1980
	Friends	Led Zeppelin	Led Zeppelin III	1970
	Stay In Texas	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	The Fox In The Snow	Belle & Sebastian	If You're Feeling Sinister	1996
	Get Me Away From Here, I'm Dying	Belle & Sebastian	If You're Feeling Sinister	1996
	Tragedy	Damien Jurado	Rehearsals For Departure	1999
	Only One And Only	Gillian Welch	Revival	1996
	Seeing Other People	Belle & Sebastian	If You're Feeling Sinister	1996
	The National Anthem	Radiohead	Kid A	2000
	Letters & Drawings	Damien Jurado	Rehearsals For Departure	1999
	The Monk At The Disco	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
	Everything In It's Right Place	Radiohead	Kid A	2000
	Tornado	Damien Jurado	Rehearsals For Departure	1999
	Love The Same	Damien Jurado	Rehearsals For Departure	1999
	Saturday	Damien Jurado	Rehearsals For Departure	1999
	The Boy Done Wrong Again	Belle & Sebastian	If You're Feeling Sinister	1996
	Kid A	Radiohead	Kid A	2000
	A Woman Left Lonely	Janis Joplin	Pearl	1971

(Set 1)	Track	Artist	Album	Year
	The Fox In The Snow	Belle & Sebastian	If You're Feeling Sinister	1996
	Bullet Through My Teeth	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
	Bron-Yr-Aur Stomp	Led Zeppelin	Led Zeppelin III	1970
	Cry Baby	Janis Joplin	Pearl	1971
	Like Dylan In The Movies	Belle & Sebastian	If You're Feeling Sinister	1996
	Idioteque	Radiohead	Kid A	2000
	The National Anthem	Radiohead	Kid A	2000
	Given The Dog A Bone	AC/DC	Back In Black	1980
	Kid A	Radiohead	Kid A	2000
	Tear My Stillhouse Down	Gillian Welch	Revival	1996
	Rehearsals For Departure	Damien Jurado	Rehearsals For Departure	1999
	Since I've Been Loving You	Led Zeppelin	Led Zeppelin III	1970
	My Baby	Janis Joplin	Pearl	1971
	Back In Black	AC/DC	Back In Black	1980
	Annabelle	Gillian Welch	Revival	1996
	Paper Wings	Gillian Welch	Revival	1996
	One More Dollar	Gillian Welch	Revival	1996
	Eyes For Windows	Damien Jurado	Rehearsals For Departure	1999
	Trust Me	Janis Joplin	Pearl	1971

(Set 1)	Track	Artist	Album	Year
	Kid A	Radiohead	Kid A	2000
What Do You Do For Money Honey		AC/DC	Back In Black	1980
	The National Anthem	Radiohead	Kid A	2000
	Trust Me	Janis Joplin	Pearl	1971
Judy And The Dream Of Horses		Belle & Sebastian	If You're Feeling Sinister	1996
	Immigrant Song	Led Zeppelin	Led Zeppelin III	1970
	Me & Bobby McGee	Janis Joplin	Pearl	1971
Flat Chested Girl From Maynardville		Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Mercedes Benz	Janis Joplin	Pearl	1971
	Back In Black	AC/DC	Back In Black	1980
	Me And The Major Annabelle	Belle & Sebastian	If You're Feeling Sinister	1996
	I'll Be Around [Reprise]	Gillian Welch	Revival	1996
	Curbside	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	You Shook Me All Night Long	Damien Jurado	Rehearsals For Departure	1999
	Shake A Leg	AC/DC	Back In Black	1980
	Bullet Through My Teeth	AC/DC	Back In Black	1980
	Optimistic	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Honey Baby	Radiohead	Kid A	2000
	Cry Baby	Damien Jurado	Rehearsals For Departure	1999
		Janis Joplin	Pearl	1971

(Set 1)	Track	Artist	Album	Year
	Buried Alive In The Blues	Janis Joplin	Pearl	1971
	Mercedes Benz	Janis Joplin	Pearl	1971
	Me & Bobby McGee	Janis Joplin	Pearl	1971
	By The Mark	Gillian Welch	Revival	1996
	Bullet Through My Teeth	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Morning Bell	Radiohead	Kid A	2000
	Letters & Drawings	Damien Jurado	Rehearsals For Departure	1999
	A Woman Left Lonely	Janis Joplin	Pearl	1971
	Move Over	Janis Joplin	Pearl	1971
	Kid A	Radiohead	Kid A	2000
What Do You Do For Money Honey		AC/DC	Back In Black	1980
	In Limbo	Radiohead	Kid A	2000
	Tragedy	Damien Jurado	Rehearsals For Departure	1999
	Tear My Stillhouse Down	Gillian Welch	Revival	1996
Flat Chested Girl From Maynardville		Bobby Bare Jr.	Young Criminal's Starvation League	2002
Motion Picture Soundtrack [Acoustic]		Radiohead	Kid A	2000
	Eyes For Windows	Damien Jurado	Rehearsals For Departure	1999
	I'll Be Around	Bobby Bare Jr.	Young Criminal's Starvation League	2002
Judy And The Dream Of Horses		Belle & Sebastian	If You're Feeling Sinister	1996
	Orphan Girl	Gillian Welch	Revival	1996

(Set 1)	Track	Artist	Album	Year
	Cry Baby	Janis Joplin	Pearl	1971
Since I've Been Loving You		Led Zeppelin	Led Zeppelin III	1970
That's The Way		Led Zeppelin	Led Zeppelin III	1970
Celebration Day		Led Zeppelin	Led Zeppelin III	1970
A Woman Left Lonely		Janis Joplin	Pearl	1971
Pass You By		Gillian Welch	Revival	1996
Stay In Texas		Bobby Bare Jr.	Young Criminal's Starvation League	2002
Have A Drink On Me		AC/DC	Back In Black	1980
Honey Baby		Damien Jurado	Rehearsals For Departure	1999
You Shook Me All Night Long		AC/DC	Back In Black	1980
Rehearsals For Departure		Damien Jurado	Rehearsals For Departure	1999
Idioteque		Radiohead	Kid A	2000
One More Dollar		Gillian Welch	Revival	1996
Given The Dog A Bone		AC/DC	Back In Black	1980
If You're Feeling Sinister		Belle & Sebastian	If You're Feeling Sinister	1996
Mehan		Bobby Bare Jr.	Young Criminal's Starvation League	2002
Optimistic		Radiohead	Kid A	2000
In Limbo		Radiohead	Kid A	2000
Hells Bells		AC/DC	Back In Black	1980
Me & Bobby McGee		Janis Joplin	Pearl	1971

(Set 1)	Track	Artist	Album	Year
	Letters & Drawings	Damien Jurado	Rehearsals For Departure	1999
	Eyes For Windows	Damien Jurado	Rehearsals For Departure	1999
	The Boy Done Wrong Again	Belle & Sebastian	If You're Feeling Sinister	1996
	The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
	Treefingers	Radiohead	Kid A	2000
Everything In It's Right Place		Radiohead	Kid A	2000
Mehan		Bobby Bare Jr.	Young Criminal's Starvation League	2002
Optimistic		Radiohead	Kid A	2000
Only One And Only		Gillian Welch	Revival	1996
Gallows Pole		Led Zeppelin	Led Zeppelin III	1970
Out On The Tiles		Led Zeppelin	Led Zeppelin III	1970
You Shook Me All Night Long		AC/DC	Back In Black	1980
Paper Wings		Gillian Welch	Revival	1996
Annabelle		Gillian Welch	Revival	1996
Celebration Day		Led Zeppelin	Led Zeppelin III	1970
The National Anthem		Radiohead	Kid A	2000
What Do You Do For Money Honey		AC/DC	Back In Black	1980
Bullet Through My Teeth		Bobby Bare Jr.	Young Criminal's Starvation League	2002
Shake A Leg		AC/DC	Back In Black	1980
One More Dollar		Gillian Welch	Revival	1996

(Set 1)	Track	Artist	Album	Year
	Get It While You Can	Janis Joplin	Pearl	1971
	Me & Bobby McGee	Janis Joplin	Pearl	1971
	A Woman Left Lonely	Janis Joplin	Pearl	1971
	Paper Wings	Gillian Welch	Revival	1996
	Only One And Only	Gillian Welch	Revival	1996
	Honey Baby	Damien Jurado	Rehearsals For Departure	1999
	Cry Baby	Janis Joplin	Pearl	1971
	Kid A	Radiohead	Kid A	2000
	Stay In Texas	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	One More Dollar	Gillian Welch	Revival	1996
	Love The Same	Damien Jurado	Rehearsals For Departure	1999
	In Limbo	Radiohead	Kid A	2000
	The Ending	Bobby Bare Jr.	Young Criminal's Starvation League	2002
You Shook Me All Night Long		AC/DC	Back In Black	1980
	Shoot To Thrill	AC/DC	Back In Black	1980
	Treefingers	Radiohead	Kid A	2000
	Ohio	Damien Jurado	Rehearsals For Departure	1999
	My Baby	Janis Joplin	Pearl	1971
	Hells Bells	AC/DC	Back In Black	1980
	Friends	Led Zeppelin	Led Zeppelin III	1970

(Set 1)	Track	Artist	Album	Year
	I'll Be Around	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	A Woman Left Lonely	Janis Joplin	Pearl	1971
	Barroom Girls	Gillian Welch	Revival	1996
	Honey Baby	Damien Jurado	Rehearsals For Departure	1999
	Orphan Girl	Gillian Welch	Revival	1996
	Buried Alive In The Blues	Janis Joplin	Pearl	1971
	Friends	Led Zeppelin	Led Zeppelin III	1970
	Dig Down	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	If You're Feeling Sinister	Belle & Sebastian	If You're Feeling Sinister	1996
	Idioteque	Radiohead	Kid A	2000
	Saturday	Damien Jurado	Rehearsals For Departure	1999
	The National Anthem	Radiohead	Kid A	2000
	Hats Off To (Roy) Harper	Led Zeppelin	Led Zeppelin III	1970
	Let Me Put My Love Into You	AC/DC	Back In Black	1980
	Get It While You Can	Janis Joplin	Pearl	1971
Motion Picture Soundtrack [Acoustic]		Radiohead	Kid A	2000
	Tornado	Damien Jurado	Rehearsals For Departure	1999
	Trust Me	Janis Joplin	Pearl	1971
	Treefingers	Radiohead	Kid A	2000
	Acony Bell	Gillian Welch	Revival	1996

(Set 1)	Track	Artist	Album	Year
	Stay In Texas	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Letters & Drawings	Damien Jurado	Rehearsals For Departure	1999
	I'll Be Around	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Me And The Major	Belle & Sebastian	If You're Feeling Sinister	1996
	The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
	Honey Baby	Damien Jurado	Rehearsals For Departure	1999
	That's The Way	Led Zeppelin	Led Zeppelin III	1970
	Judy And The Dream Of Horses	Belle & Sebastian	If You're Feeling Sinister	1996
	What Do You Do For Money Honey	AC/DC	Back In Black	1980
	Back In Black	AC/DC	Back In Black	1980
	You Shook Me All Night Long	AC/DC	Back In Black	1980
	Saturday	Damien Jurado	Rehearsals For Departure	1999
	Curbside	Damien Jurado	Rehearsals For Departure	1999
	Motion Picture Soundtrack [Acoustic]	Radiohead	Kid A	2000
	Seeing Other People	Belle & Sebastian	If You're Feeling Sinister	1996
	Since I've Been Loving You	Led Zeppelin	Led Zeppelin III	1970
	Idioteque	Radiohead	Kid A	2000
	How To Disappear Completely	Radiohead	Kid A	2000
	Shake A Leg	AC/DC	Back In Black	1980
	If You're Feeling Sinister	Belle & Sebastian	If You're Feeling Sinister	1996

(Set 1)	Track	Artist	Album	Year
	The National Anthem	Radiohead	Kid A	2000
	Idioteque	Radiohead	Kid A	2000
	Love The Same	Damien Jurado	Rehearsals For Departure	1999
	In Limbo	Radiohead	Kid A	2000
	Shoot To Thrill	AC/DC	Back In Black	1980
	One More Dollar	Gillian Welch	Revival	1996
	The Boy Done Wrong Again	Belle & Sebastian	If You're Feeling Sinister	1996
	Tangerine	Led Zeppelin	Led Zeppelin III	1970
	Paper Wings	Gillian Welch	Revival	1996
	Mehan	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Out On The Tiles	Led Zeppelin	Led Zeppelin III	1970
	What Do You Do For Money Honey	AC/DC	Back In Black	1980
	Only One And Only	Gillian Welch	Revival	1996
	Let Me Put My Love Into You	AC/DC	Back In Black	1980
	Motion Picture Soundtrack [Acoustic]	Radiohead	Kid A	2000
	Trust Me	Janis Joplin	Pearl	1971
	Dig Down	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	The Ending	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Seeing Other People	Belle & Sebastian	If You're Feeling Sinister	1996
	Buried Alive In The Blues	Janis Joplin	Pearl	1971

(Set 1)	Track	Artist	Album	Year
	Treefingers	Radiohead	Kid A	2000
	Annabelle	Gillian Welch	Revival	1996
	Dig Down	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	You Shook Me All Night Long	AC/DC	Back In Black	1980
	Me & Bobby McGee	Janis Joplin	Pearl	1971
	The National Anthem	Radiohead	Kid A	2000
	Orphan Girl	Gillian Welch	Revival	1996
	The Fox In The Snow	Belle & Sebastian	If You're Feeling Sinister	1996
	Idioteque	Radiohead	Kid A	2000
	What Difference Does It Make	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
	Letters & Drawings	Damien Jurado	Rehearsals For Departure	1999
	Since I've Been Loving You	Led Zeppelin	Led Zeppelin III	1970
	Given The Dog A Bone	AC/DC	Back In Black	1980
	Motion Picture Soundtrack [Acoustic]	Radiohead	Kid A	2000
	Hells Bells	AC/DC	Back In Black	1980
	Celebration Day	Led Zeppelin	Led Zeppelin III	1970
	The Ending	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Pass You By	Gillian Welch	Revival	1996
	Bullet Through My Teeth	Bobby Bare Jr.	Young Criminal's Starvation League	2002

(Set 1)	Track	Artist	Album	Year
	I'll Be Around	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Have A Drink On Me	AC/DC	Back In Black	1980
	How To Disappear Completely	Radiohead	Kid A	2000
	The Monk At The Disco	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Tragedy	Damien Jurado	Rehearsals For Departure	1999
	Treefingers	Radiohead	Kid A	2000
	Get It While You Can	Janis Joplin	Pearl	1971
	You Shook Me All Night Long	AC/DC	Back In Black	1980
	Me And The Major	Belle & Sebastian	If You're Feeling Sinister	1996
	Half Moon	Janis Joplin	Pearl	1971
	Acony Bell	Gillian Welch	Revival	1996
	One More Dollar	Gillian Welch	Revival	1996
	Ohio	Damien Jurado	Rehearsals For Departure	1999
	Bullet Through My Teeth	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Tornado	Damien Jurado	Rehearsals For Departure	1999
	Move Over	Janis Joplin	Pearl	1971
	Pass You By	Gillian Welch	Revival	1996
	Kid A	Radiohead	Kid A	2000
	Trust Me	Janis Joplin	Pearl	1971
	Cry Baby	Janis Joplin	Pearl	1971

(Set 1)	Track	Artist	Album	Year
	Mayfly	Belle & Sebastian	If You're Feeling Sinister	1996
	Only One And Only	Gillian Welch	Revival	1996
	A Woman Left Lonely	Janis Joplin	Pearl	1971
	My Baby	Janis Joplin	Pearl	1971
	Letters & Drawings	Damien Jurado	Rehearsals For Departure	1999
	By The Mark	Gillian Welch	Revival	1996
	Saturday	Damien Jurado	Rehearsals For Departure	1999
	Everything In It's Right Place	Radiohead	Kid A	2000
	Motion Picture Soundtrack [Acoustic]	Radiohead	Kid A	2000
	Tornado	Damien Jurado	Rehearsals For Departure	1999
	Seeing Other People	Belle & Sebastian	If You're Feeling Sinister	1996
	Immigrant Song	Led Zeppelin	Led Zeppelin III	1970
	Given The Dog A Bone	AC/DC	Back In Black	1980
	The Monk At The Disco	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Treefingers	Radiohead	Kid A	2000
	Ohio	Damien Jurado	Rehearsals For Departure	1999
	Like Dylan In The Movies	Belle & Sebastian	If You're Feeling Sinister	1996
	Trust Me	Janis Joplin	Pearl	1971
	The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
	Annabelle	Gillian Welch	Revival	1996

(Set 1)	Track	Artist	Album	Year
	Back In Black	AC/DC	Back In Black	1980
	That's The Way	Led Zeppelin	Led Zeppelin III	1970
	How To Disappear Completely	Radiohead	Kid A	2000
	Acony Bell	Gillian Welch	Revival	1996
	Love The Same	Damien Jurado	Rehearsals For Departure	1999
	Given The Dog A Bone	AC/DC	Back In Black	1980
	Dig Down	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Rock And Roll Ain't Noise Poll	AC/DC	Back In Black	1980
	I'll Be Around [Reprise]	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Treefingers	Radiohead	Kid A	2000
	Barroom Girls	Gillian Welch	Revival	1996
	Judy And The Dream Of Horses	Belle & Sebastian	If You're Feeling Sinister	1996
	Me & Bobby McGee	Janis Joplin	Pearl	1971
	Curbside	Damien Jurado	Rehearsals For Departure	1999
	Pass You By	Gillian Welch	Revival	1996
	Friends	Led Zeppelin	Led Zeppelin III	1970
	What Do You Do For Money Honey	AC/DC	Back In Black	1980
	Eyes For Windows	Damien Jurado	Rehearsals For Departure	1999
	Stay In Texas	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Trust Me	Janis Joplin	Pearl	1971

(Set 1)	Track	Artist	Album	Year
	Half Moon	Janis Joplin	Pearl	1971
	If You're Feeling Sinister	Belle & Sebastian	If You're Feeling Sinister	1996
	Mehan	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Tangerine	Led Zeppelin	Led Zeppelin III	1970
	Saturday	Damien Jurado	Rehearsals For Departure	1999
	The Monk At The Disco	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Mercedes Benz	Janis Joplin	Pearl	1971
	Gallows Pole	Led Zeppelin	Led Zeppelin III	1970
	Ohio	Damien Jurado	Rehearsals For Departure	1999
	The Ending	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Eyes For Windows	Damien Jurado	Rehearsals For Departure	1999
	Back In Black	AC/DC	Back In Black	1980
	Everything In It's Right Place	Radiohead	Kid A	2000
	Hells Bells	AC/DC	Back In Black	1980
	That's The Way	Led Zeppelin	Led Zeppelin III	1970
	Tornado	Damien Jurado	Rehearsals For Departure	1999
	By The Mark	Gillian Welch	Revival	1996
	I'll Be Around [Reprise]	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Bron-Yr-Aur Stomp	Led Zeppelin	Led Zeppelin III	1970
	Celebration Day	Led Zeppelin	Led Zeppelin III	1970

(Set 1)	Track	Artist	Album	Year
	Trust Me	Janis Joplin	Pearl	1971
	The Ending	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Kid A	Radiohead	Kid A	2000
	Love The Same	Damien Jurado	Rehearsals For Departure	1999
	Out On The Tiles	Led Zeppelin	Led Zeppelin III	1970
	The Boy Done Wrong Again	Belle & Sebastian	If You're Feeling Sinister	1996
	Barroom Girls	Gillian Welch	Revival	1996
	Idioteque	Radiohead	Kid A	2000
	Bron-Yr-Aur Stomp	Led Zeppelin	Led Zeppelin III	1970
	The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
	Mayfly	Belle & Sebastian	If You're Feeling Sinister	1996
	Annabelle	Gillian Welch	Revival	1996
	If You're Feeling Sinister	Belle & Sebastian	If You're Feeling Sinister	1996
	Ohio	Damien Jurado	Rehearsals For Departure	1999
	Tangerine	Led Zeppelin	Led Zeppelin III	1970
	Saturday	Damien Jurado	Rehearsals For Departure	1999
	Pass You By	Gillian Welch	Revival	1996
	Me & Bobby McGee	Janis Joplin	Pearl	1971
	How To Disappear Completely	Radiohead	Kid A	2000
	Given The Dog A Bone	AC/DC	Back In Black	1980

(Set 1)	Track	Artist	Album	Year
	If You're Feeling Sinister	Belle & Sebastian	If You're Feeling Sinister	1996
	Have A Drink On Me	AC/DC	Back In Black	1980
	Me & Bobby McGee	Janis Joplin	Pearl	1971
	Hats Off To (Roy) Harper	Led Zeppelin	Led Zeppelin III	1970
	Morning Bell	Radiohead	Kid A	2000
	Shoot To Thrill	AC/DC	Back In Black	1980
	Everything In It's Right Place	Radiohead	Kid A	2000
	What Difference Does It Make	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Curbside	Damien Jurado	Rehearsals For Departure	1999
	The Fox In The Snow	Belle & Sebastian	If You're Feeling Sinister	1996
	Back In Black	AC/DC	Back In Black	1980
	Treefingers	Radiohead	Kid A	2000
	Let Me Put My Love Into You	AC/DC	Back In Black	1980
	My Baby	Janis Joplin	Pearl	1971
	Pass You By	Gillian Welch	Revival	1996
	Tangerine	Led Zeppelin	Led Zeppelin III	1970
	Annabelle	Gillian Welch	Revival	1996
	Rehearsals For Departure	Damien Jurado	Rehearsals For Departure	1999
	Ohio	Damien Jurado	Rehearsals For Departure	1999
	Get Me Away From Here, I'm Dying	Belle & Sebastian	If You're Feeling Sinister	1996

(Set 1)	Track	Artist	Album	Year
	Buried Alive In The Blues	Janis Joplin	Pearl	1971
	Barroom Girls	Gillian Welch	Revival	1996
	Tragedy	Damien Jurado	Rehearsals For Departure	1999
	Half Moon	Janis Joplin	Pearl	1971
	The Boy Done Wrong Again	Belle & Sebastian	If You're Feeling Sinister	1996
	Mayfly	Belle & Sebastian	If You're Feeling Sinister	1996
	I'll Be Around	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Tangerine	Led Zeppelin	Led Zeppelin III	1970
	A Woman Left Lonely	Janis Joplin	Pearl	1971
	Rock And Roll Ain't Noise Poll	AC/DC	Back In Black	1980
	Motion Picture Soundtrack [Acoustic]	Radiohead	Kid A	2000
	In Limbo	Radiohead	Kid A	2000
	Only One And Only	Gillian Welch	Revival	1996
	Rehearsals For Departure	Damien Jurado	Rehearsals For Departure	1999
	Move Over	Janis Joplin	Pearl	1971
	Seeing Other People	Belle & Sebastian	If You're Feeling Sinister	1996
	Ohio	Damien Jurado	Rehearsals For Departure	1999
	Letters & Drawings	Damien Jurado	Rehearsals For Departure	1999
	Have A Drink On Me	AC/DC	Back In Black	1980
	Pass You By	Gillian Welch	Revival	1996

(Set 1)	Track	Artist	Album	Year
	Tragedy	Damien Jurado	Rehearsals For Departure	1999
	The National Anthem	Radiohead	Kid A	2000
	Let Me Put My Love Into You	AC/DC	Back In Black	1980
	The Boy Done Wrong Again	Belle & Sebastian	If You're Feeling Sinister	1996
	Judy And The Dream Of Horses	Belle & Sebastian	If You're Feeling Sinister	1996
	Honey Baby	Damien Jurado	Rehearsals For Departure	1999
	Hats Off To (Roy) Harper	Led Zeppelin	Led Zeppelin III	1970
	Buried Alive In The Blues	Janis Joplin	Pearl	1971
	Treefingers	Radiohead	Kid A	2000
	Annabelle	Gillian Welch	Revival	1996
	Only One And Only	Gillian Welch	Revival	1996
	Get Me Away From Here, I'm Dying	Belle & Sebastian	If You're Feeling Sinister	1996
	Barroom Girls	Gillian Welch	Revival	1996
	Tangerine	Led Zeppelin	Led Zeppelin III	1970
	Curbside	Damien Jurado	Rehearsals For Departure	1999
	Bron-Yr-Aur Stomp	Led Zeppelin	Led Zeppelin III	1970
	In Limbo	Radiohead	Kid A	2000
	Me And The Major	Belle & Sebastian	If You're Feeling Sinister	1996
	Cry Baby	Janis Joplin	Pearl	1971
	Have A Drink On Me	AC/DC	Back In Black	1980

Second Set of Playlists: 5 Random Playlists

(Set 2)	Track	Artist	Album	Year
	Mayfly	Belle & Sebastian	If You're Feeling Sinister	1996
	My Baby	Janis Joplin	Pearl	1971
	Rehearsals For Departure	Damien Jurado	Rehearsals For Departure	1999
	One More Dollar	Gillian Welch	Revival	1996
	The Boy Done Wrong Again	Belle & Sebastian	If You're Feeling Sinister	1996
	Immigrant Song	Led Zeppelin	Led Zeppelin III	1970
	Me And The Major	Belle & Sebastian	If You're Feeling Sinister	1996
	Only One And Only	Gillian Welch	Revival	1996
	I'll Be Around	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	The Fox In The Snow	Belle & Sebastian	If You're Feeling Sinister	1996
	Gallows Pole	Led Zeppelin	Led Zeppelin III	1970
	Shoot To Thrill	AC/DC	Back In Black	1980
	Letters & Drawings	Damien Jurado	Rehearsals For Departure	1999
	Pass You By	Gillian Welch	Revival	1996
	The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
	Rock And Roll Ain't Noise Poll	AC/DC	Back In Black	1980
	Hells Bells	AC/DC	Back In Black	1980
	Trust Me	Janis Joplin	Pearl	1971
	Curbside	Damien Jurado	Rehearsals For Departure	1999
	Acony Bell	Gillian Welch	Revival	1996

(Set 2)	Track	Artist	Album	Year
	Trust Me	Janis Joplin	Pearl	1971
	Stay In Texas	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Hells Bells	AC/DC	Back In Black	1980
	Half Moon	Janis Joplin	Pearl	1971
	Curbside	Damien Jurado	Rehearsals For Departure	1999
	Buried Alive In The Blues	Janis Joplin	Pearl	1971
	Only One And Only	Gillian Welch	Revival	1996
	Get Me Away From Here, I'm Dying	Belle & Sebastian	If You're Feeling Sinister	1996
	Mercedes Benz	Janis Joplin	Pearl	1971
	Judy And The Dream Of Horses	Belle & Sebastian	If You're Feeling Sinister	1996
	Treefingers	Radiohead	Kid A	2000
	Seeing Other People	Belle & Sebastian	If You're Feeling Sinister	1996
	The Ending	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Eyes For Windows	Damien Jurado	Rehearsals For Departure	1999
	The Boy Done Wrong Again	Belle & Sebastian	If You're Feeling Sinister	1996
	Love The Same	Damien Jurado	Rehearsals For Departure	1999
	Letters & Drawings	Damien Jurado	Rehearsals For Departure	1999
	Tornado	Damien Jurado	Rehearsals For Departure	1999
	Dig Down	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Rock And Roll Ain't Noise Poll	AC/DC	Back In Black	1980

(Set 2)	Track	Artist	Album	Year
	Buried Alive In The Blues	Janis Joplin	Pearl	1971
	Everything In It's Right Place	Radiohead	Kid A	2000
	I'll Be Around	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Treefingers	Radiohead	Kid A	2000
	Mercedes Benz	Janis Joplin	Pearl	1971
	The Ending	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Half Moon	Janis Joplin	Pearl	1971
	Seeing Other People	Belle & Sebastian	If You're Feeling Sinister	1996
	Stay In Texas	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	A Woman Left Lonely	Janis Joplin	Pearl	1971
	Hats Off To (Roy) Harper	Led Zeppelin	Led Zeppelin III	1970
	Optimistic	Radiohead	Kid A	2000
	Ohio	Damien Jurado	Rehearsals For Departure	1999
	Love The Same	Damien Jurado	Rehearsals For Departure	1999
	What Do You Do For Money Honey	AC/DC	Back In Black	1980
	Get It While You Can	Janis Joplin	Pearl	1971
	Hells Bells	AC/DC	Back In Black	1980
	Cry Baby	Janis Joplin	Pearl	1971
	Honey Baby	Damien Jurado	Rehearsals For Departure	1999
	Idioteque	Radiohead	Kid A	2000

(Set 2)	Track	Artist	Album	Year
	Seeing Other People	Belle & Sebastian	If You're Feeling Sinister	1996
	By The Mark	Gillian Welch	Revival	1996
	Me And The Major	Belle & Sebastian	If You're Feeling Sinister	1996
	Barroom Girls	Gillian Welch	Revival	1996
	How To Disappear Completely	Radiohead	Kid A	2000
	Get It While You Can	Janis Joplin	Pearl	1971
	Orphan Girl	Gillian Welch	Revival	1996
	Gallows Pole	Led Zeppelin	Led Zeppelin III	1970
	Kid A	Radiohead	Kid A	2000
	Judy And The Dream Of Horses	Belle & Sebastian	If You're Feeling Sinister	1996
	Idioteque	Radiohead	Kid A	2000
	Get Me Away From Here, I'm Dying	Belle & Sebastian	If You're Feeling Sinister	1996
	Rehearsals For Departure	Damien Jurado	Rehearsals For Departure	1999
	Morning Bell	Radiohead	Kid A	2000
	Eyes For Windows	Damien Jurado	Rehearsals For Departure	1999
	You Shook Me All Night Long	AC/DC	Back In Black	1980
	Celebration Day	Led Zeppelin	Led Zeppelin III	1970
	What Do You Do For Money Honey	AC/DC	Back In Black	1980
	The National Anthem	Radiohead	Kid A	2000
	Bullet Through My Teeth	Bobby Bare Jr.	Young Criminal's Starvation League	2002

(Set 2)	Track	Artist	Album	Year
	Acony Bell	Gillian Welch	Revival	1996
	Mehan	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	How To Disappear Completely	Radiohead	Kid A	2000
	Get Me Away From Here, I'm Dying	Belle & Sebastian	If You're Feeling Sinister	1996
	Saturday	Damien Jurado	Rehearsals For Departure	1999
	Morning Bell	Radiohead	Kid A	2000
	Gallows Pole	Led Zeppelin	Led Zeppelin III	1970
	The Monk At The Disco	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	Tangerine	Led Zeppelin	Led Zeppelin III	1970
	Idioteque	Radiohead	Kid A	2000
	Everything In It's Right Place	Radiohead	Kid A	2000
	Kid A	Radiohead	Kid A	2000
	If You're Feeling Sinister	Belle & Sebastian	If You're Feeling Sinister	1996
	Immigrant Song	Led Zeppelin	Led Zeppelin III	1970
	Stay In Texas	Bobby Bare Jr.	Young Criminal's Starvation League	2002
	What Do You Do For Money Honey	AC/DC	Back In Black	1980
	Curbside	Damien Jurado	Rehearsals For Departure	1999
	The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
	Me And The Major	Belle & Sebastian	If You're Feeling Sinister	1996
	Move Over	Janis Joplin	Pearl	1971

Third Set of Playlists: Albert Hoffman's 3 Playlists

(Hoffman) Track	Artist	Album Year
Out On The Tiles	Led Zeppelin	Led Zeppelin III 1970
Tornado	Damien Jurado	Rehearsals For Departure 1999
The Fox In The Snow	Belle & Sebastian	If You're Feeling Sinister 1996
If You're Feeling Sinister	Belle & Sebastian	If You're Feeling Sinister 1996
Acony Bell	Gillian Welch	Revival 1996
Only One And Only	Gillian Welch	Revival 1996
One More Dollar	Gillian Welch	Revival 1996
Celebration Day	Led Zeppelin	Led Zeppelin III 1970
That's The Way	Led Zeppelin	Led Zeppelin III 1970
In Limbo	Radiohead	Kid A 2000
Everything In It's Right Place	Radiohead	Kid A 2000
Tragedy	Damien Jurado	Rehearsals For Departure 1999
Since I've Been Loving You	Led Zeppelin	Led Zeppelin III 1970
The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister 1996
Ohio	Damien Jurado	Rehearsals For Departure 1999
Immigrant Song	Led Zeppelin	Led Zeppelin III 1970
Pass You By	Gillian Welch	Revival 1996
Back In Black	AC/DC	Back In Black 1980
Shake A Leg	AC/DC	Back In Black 1980
Saturday	Damien Jurado	Rehearsals For Departure 1999

(Hoffman) Track	Artist	Album Year
A Woman Left Lonely	Janis Joplin	Pearl 1971
Shake A Leg	AC/DC	Back In Black 1980
Me & Bobby McGee	Janis Joplin	Pearl 1971
The National Anthem	Radiohead	Kid A 2000
Hats Off To (Roy) Harper	Led Zeppelin	Led Zeppelin III 1970
Celebration Day	Led Zeppelin	Led Zeppelin III 1970
How To Disappear Completely	Radiohead	Kid A 2000
Half Moon	Janis Joplin	Pearl 1971
Curbside	Damien Jurado	Rehearsals For Departure 1999
Treefingers	Radiohead	Kid A 2000
Rehearsals For Departure	Damien Jurado	Rehearsals For Departure 1999
Tangerine	Led Zeppelin	Led Zeppelin III 1970
Kid A	Radiohead	Kid A 2000
The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister 1996
Hells Bells	AC/DC	Back In Black 1980
Trust Me	Janis Joplin	Pearl 1971
I'll Be Around	Bobby Bare Jr.	Young Criminal's Starvation League 2002
Flat Chested Girl From Maynardville	Bobby Bare Jr.	Young Criminal's Starvation League 2002
The Fox In The Snow	Belle & Sebastian	If You're Feeling Sinister 1996
My Baby	Janis Joplin	Pearl 1971

(Hoffman) Track	Artist	Album	Year
Get It While You Can	Janis Joplin	Pearl	1971
Pass You By	Gillian Welch	Revival	1996
Back In Black	AC/DC	Back In Black	1980
I'll Be Around [Reprise]	Bobby Bare Jr.	Young Criminal's Starvation League	2002
The National Anthem	Radiohead	Kid A	2000
The Boy Done Wrong Again	Belle & Sebastian	If You're Feeling Sinister	1996
Judy And The Dream Of Horses	Belle & Sebastian	If You're Feeling Sinister	1996
Love The Same	Damien Jurado	Rehearsals For Departure	1999
In Limbo	Radiohead	Kid A	2000
You Shook Me All Night Long	AC/DC	Back In Black	1980
Dig Down	Bobby Bare Jr.	Young Criminal's Starvation League	2002
The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
Gallows Pole	Led Zeppelin	Led Zeppelin III	1970
Out On The Tiles	Led Zeppelin	Led Zeppelin III	1970
Since I've Been Loving You	Led Zeppelin	Led Zeppelin III	1970
The Fox In The Snow	Belle & Sebastian	If You're Feeling Sinister	1996
Celebration Day	Led Zeppelin	Led Zeppelin III	1970
Idioteque	Radiohead	Kid A	2000
Letters & Drawings	Damien Jurado	Rehearsals For Departure	1999
Optimistic	Radiohead	Kid A	2000

Albert Hoffman's Music Library

Track	Artist	Album	Year
Immigrant Song	Led Zeppelin	Led Zeppelin III	1970
Friends	Led Zeppelin	Led Zeppelin III	1970
Celebration Day	Led Zeppelin	Led Zeppelin III	1970
Since I've Been Loving You	Led Zeppelin	Led Zeppelin III	1970
Out On The Tiles	Led Zeppelin	Led Zeppelin III	1970
Gallows Pole	Led Zeppelin	Led Zeppelin III	1970
Tangerine	Led Zeppelin	Led Zeppelin III	1970
That's The Way	Led Zeppelin	Led Zeppelin III	1970
Bron-Yr-Aur Stomp	Led Zeppelin	Led Zeppelin III	1970
Hats Off To (Roy) Harper	Led Zeppelin	Led Zeppelin III	1970
Move Over	Janis Joplin	Pearl	1971
Cry Baby	Janis Joplin	Pearl	1971
A Woman Left Lonely	Janis Joplin	Pearl	1971
Half Moon	Janis Joplin	Pearl	1971
Buried Alive In The Blues	Janis Joplin	Pearl	1971
My Baby	Janis Joplin	Pearl	1971
Me & Bobby McGee	Janis Joplin	Pearl	1971
Mercedes Benz	Janis Joplin	Pearl	1971
Trust Me	Janis Joplin	Pearl	1971
Get It While You Can	Janis Joplin	Pearl	1971
Hells Bells	AC/DC	Back In Black	1980
Shoot To Thrill	AC/DC	Back In Black	1980
What Do You Do For Money Honey	AC/DC	Back In Black	1980
Given The Dog A Bone	AC/DC	Back In Black	1980
Let Me Put My Love Into You	AC/DC	Back In Black	1980
Back In Black	AC/DC	Back In Black	1980
You Shook Me All Night Long	AC/DC	Back In Black	1980
Have A Drink On Me	AC/DC	Back In Black	1980
Shake A Leg	AC/DC	Back In Black	1980
Rock And Roll Ain't Noise Poll	AC/DC	Back In Black	1980
Orphan Girl	Gillian Welch	Revival	1996
Annabelle	Gillian Welch	Revival	1996
Pass You By	Gillian Welch	Revival	1996
Barroom Girls	Gillian Welch	Revival	1996
One More Dollar	Gillian Welch	Revival	1996
By The Mark	Gillian Welch	Revival	1996
Paper Wings	Gillian Welch	Revival	1996
Tear My Stillhouse Down	Gillian Welch	Revival	1996

Acony Bell	Gillian Welch	Revival	1996
Only One And Only	Gillian Welch	Revival	1996
The Stars Of Track And Field	Belle & Sebastian	If You're Feeling Sinister	1996
Seeing Other People	Belle & Sebastian	If You're Feeling Sinister	1996
Me And The Major	Belle & Sebastian	If You're Feeling Sinister	1996
Like Dylan In The Movies	Belle & Sebastian	If You're Feeling Sinister	1996
The Fox In The Snow	Belle & Sebastian	If You're Feeling Sinister	1996
Get Me Away From Here, I'm Dying	Belle & Sebastian	If You're Feeling Sinister	1996
If You're Feeling Sinister	Belle & Sebastian	If You're Feeling Sinister	1996
Mayfly	Belle & Sebastian	If You're Feeling Sinister	1996
The Boy Done Wrong Again	Belle & Sebastian	If You're Feeling Sinister	1996
Judy And The Dream Of Horses	Belle & Sebastian	If You're Feeling Sinister	1996
Ohio	Damien Jurado	Rehearsals For Departure	1999
Tragedy	Damien Jurado	Rehearsals For Departure	1999
Curbside	Damien Jurado	Rehearsals For Departure	1999
Honey Baby	Damien Jurado	Rehearsals For Departure	1999
Eyes For Windows	Damien Jurado	Rehearsals For Departure	1999
Letters & Drawings	Damien Jurado	Rehearsals For Departure	1999
Love The Same	Damien Jurado	Rehearsals For Departure	1999
Saturday	Damien Jurado	Rehearsals For Departure	1999
Tornado	Damien Jurado	Rehearsals For Departure	1999
Rehearsals For Departure	Damien Jurado	Rehearsals For Departure	1999
Everything In It's Right Place	Radiohead	Kid A	2000
Kid A	Radiohead	Kid A	2000
The National Anthem	Radiohead	Kid A	2000
How To Disappear Completely	Radiohead	Kid A	2000
Treefingers	Radiohead	Kid A	2000
Optimistic	Radiohead	Kid A	2000
In Limbo	Radiohead	Kid A	2000
Idiotique	Radiohead	Kid A	2000
Morning Bell	Radiohead	Kid A	2000
Motion Picture Soundtrack [Acoustic]	Radiohead	Kid A	2000
I'll Be Around	Bobby Bare Jr.	Young Criminal's Starvation League	2002
Flat Chested Girl From Maynardville	Bobby Bare Jr.	Young Criminal's Starvation League	2002
Mehan	Bobby Bare Jr.	Young Criminal's Starvation League	2002
Bullet Through My Teeth	Bobby Bare Jr.	Young Criminal's Starvation League	2002
The Monk At The Disco	Bobby Bare Jr.	Young Criminal's Starvation League	2002

Dig Down	Bobby Bare Jr.	Young Criminal's Starvation League	2002
What Difference Does It Make	Bobby Bare Jr.	Young Criminal's Starvation League	2002
The Ending	Bobby Bare Jr.	Young Criminal's Starvation League	2002
I'll Be Around [Reprise]	Bobby Bare Jr.	Young Criminal's Starvation League	2002
Stay In Texas	Bobby Bare Jr.	Young Criminal's Starvation League	2002