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| **How Random is the iPod’s Shuffle?**   |  |  | | --- | --- | | Joan Garfield  University of Minnesota  [jbg@umn.edu](mailto:jbg@umn.edu) | Laura Ziegler1  University of Minnesota  [Sath0166@umn.edu](mailto:Sath0166@umn.edu) |   **Published: May 2014** | **C:\Users\hstohl\Desktop\JournalEditorialWork\STEW\Website\STEW_logo.gif** |

**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 Snider

Using 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

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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.

1. What made it difficult to come up with a rule to determine whether a sequence of data had been randomly generated? Explain.
2. 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.)
3. 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 AgainBelle & Sebastian  If You're Feeling Sinister 1996

Have A Drink On Me AC/DC  Back In Black 1980

Me And The MajorBelle & 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 SnowBelle & 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 SnowBelle & 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 Belle & Sebastian  If You're Feeling Sinister 1996

Annabelle  Gillian Welch  Revival 1996

I'll Be Around [Reprise] Bobby Bare Jr. Young Criminal's Starvation League 2002

Curbside  Damien Jurado  Rehearsals For Departure 1999

You Shook Me All Night Long  AC/DC  Back In Black 1980

Shake A Leg  AC/DC  Back In Black 1980

Bullet Through My Teeth  Bobby Bare Jr. Young Criminal's Starvation League 2002

Optimistic  Radiohead  Kid A 2000

Honey Baby  Damien Jurado  Rehearsals For Departure 1999

Cry Baby  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**

MayflyBelle & 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 SinisterBelle & 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 SinisterBelle & 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 AgainBelle & Sebastian If You're Feeling Sinister 1996

Judy And The Dream Of HorsesBelle & 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 MajorBelle & 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 HorsesBelle & Sebastian  If You're Feeling Sinister 1996

Idioteque  Radiohead  Kid A 2000

Get Me Away From Here, I'm DyingBelle & 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 & SebastianIf 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 |
| Idioteque | 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 |