

Film Clip Editing Instructions

Addendum to: Kreibig, Wilhelm, Roth, & Gross, 2007

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This document contains editing instructions for the six film clips used to induce fear, sadness, and a neutral emotional state (two clips for each target emotion), as described in the following publication:

Kreibig, S. D., Wilhelm, F. H., Roth, W. T., & Gross, J. J. (2007). [Cardiovascular, electrodermal, and respiratory response patterns to fear and sadness-inducing films.](#) *Psychophysiology*, *44*, 787–806. 10.1111/j.1469-8986.2007.00550.x

The stimuli were developed from full-length commercial films, all of which are currently available on videotape or DVD format. Please note that you will need to make your own arrangements for dealing with any copyright issues related to the use of the commercial films. We provide detailed frame editing instructions for creating the same excerpts that were used in our research. Timing information is provided in terms of hours, minutes, seconds, and frames. We recommend that you follow our editing instructions as closely as possible because relatively small editing variations can produce somewhat different emotional reports.

If you are using the herein described film clips in your research, please cite this material according to the above-provided reference. We would be interested to hear about how this material works out in your research.

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1 Fear Film I

1.1 Audio Introduction

Number of words: 84 words

Audio length: 28”

Text: In the following film cut, a teenage couple is stalked by a mysterious figure, which is clad in fisherman’s garb and armed with a fishhook. Last year on July 4th, Helen earned the title of Croaker Queen in a beauty contest. A year later now, she is waiting to give the title to this year’s beauty queen. Her boyfriend Barry who is trying to watch out for their tormentor, is attending the show. The first scene, you’ll see is staged at the beauty contest.

1.2 Film Clip

Film: “I Know What You Did Last Summer” [3]

Target emotion: Fear

Clip length: 10’39”

Clip cutting:

set time counter to 00:00:00:00 at the first frame where “A NEAL H. MORRITZ Production” can be read

forward to 01:10:46:12 for first scene (at the beauty contest); camera panes to Helen, contestant sings song “You ain’t seen the best of me...”

end at 01:12:37:10; blood dripping from stair case pole; just before CUT to Julie arriving in her car at her home

forward to 01:12:40:15; right after CUT to Julie arriving in her car at her home ended; Helen sitting in foreground; policeman and woman discussing in background; policeman steps toward her and says, “Helen, I’m going to take you home. Your parents are really worried about you.”

end at 01:13:08:08 Helen follows policeman; right before CUT to Julie at computer looking up newspaper article on David Egan in county library

forward to 01:13:14:16; police car driving through street lighted with street lamps; policeman says, “So then he killed him with a fish hook...”

end at 01:15:36:26 fisherman chasing Helen; right before CUT to Julie reading up on Susie Willis trapped in car

forward to 01:15:49:03; Helen running away from fisherman, view of garage doors, window, and tree on right side

end at 01:20:34:25; Helen just ran around the corner after she jumped out of the window, fleeing from the fisherman; right before CUT to Julie running into the empty hall where the beauty contest has been held

forward to 01:20:41:18; Helen running up the stairs next to wooden boxes piled on top of each other, takes a glance over her shoulder to see whether she is followed

end at 01:21:53:12; Helen just got stabbed by the fisherman; camera paned away to view of tire piles; right before CUT to Julie in the crowd looking for her friends

END

2 Fear Film II

2.1 Audio Introduction

Number of words: 85 words

Audio length: 32"

Text: In the next sequence, Carla, playing a radio quiz with 96.7, wins a trip for four to the Bahamas, although she didn't give the right answer. Carla invites her boyfriend, Tie, and Julie and Will to come along. At the Bahamas, it's the last day of the season and a hurricane is coming. In the middle of this, random murders start to occur. In the next scene, you'll see Carla, Tie, and Julie in the hotel kitchen after accidentally breaking into another girl's hiding spot.

2.2 Film Clip

Film: "I Still Know What You Did Last Summer" [1]

Target emotion: Fear

Clip length: 11'14"

Clip cutting:

set time counter to 00:00:00:00 at the first frame after CUT from statue of mother Mary to Julie walking down the aisle in church (starts right after title "I STILL KNOW WHAT YOU DID LAST SUMMER")

forward to 01:15:40:10; Julie, Karla, Nancy, and Tie are in the hotel kitchen; Nancy says, "So, that's what flashlights are for..."; right after CUT from Ray on water requesting emergency assistance

end at 01:22:49:15; Julie and Karla screaming after looking into two dead body's bloody faces (maid and other guy); right before CUT and close up to pool guy lying dead on floor

forward to 01:22:51:21; Julie, Karla, and Nancy still screaming after looking at dead man who wears red hotel uniform; right before Will opens door

end at 01:26:10:07; Will says, "I'm not doing well at school..."; end before Will says, "I'm having trouble with my boyfriend."

forward to 01:26:11:22; right after Will said, "I'm having trouble with my boyfriend", just before Julie says "And I trusted you."

end 01:26:16:27; right after Will said, "You're like the rest of them. You never take responsibility for anything you do", right before he says, "...and you think you can get away with murder."

forward to 01:26:18:10; Julie pulls out knife, cutting Will; Will screams "What did you do this for?"

continue audio track until 01:27:06:20; right after Ben says, "No more screaming, no more running. It's time to die."

stop video track at 01:26:51:22; right when Ben pulls the cape from his head before his face/eyes can be seen

fill in video parts from 01:26:51:22 until 01:27:39:07 where Ben's face is not shown; views of Julie and Will

END

3 Sadness Film I

3.1 Audio Introduction

Number of words: 80 words

Audio length: 27"

Text: The following film is staged in a small Louisiana town. The main character Shelby, a young woman, has weak kidneys ever since her youth. Carrying out her first baby, a dear wish of hers, put too much strain on her body. This is why she just recently had a kidney transplantation. Luckily, Shelby didn't have to wait long, because her mother, M'Lynn, gave her daughter one of her kidneys. In the first scene, you'll see Shelby with her baby son.

3.2 Film Clip

Film: "Steel Magnolias" [5]

Target emotion: Sadness

Clip length: 11'53"

Clip cutting:

set time counter to 00:00:00:00 at first frame after CUT after "dolly parton" has been displayed and just before "shirley maclaine" can be read (Elaine walking by)

forward to 01:26:18:24; Shelby sits on back porch with baby son, she says, "Put it into Mommy's pocket..."

end at 01:27:34:04 when M'Lynn walks down the hallway in the hospital

forward to 01:27:45:02; M'Lynn, Shelby's father, and her husband stand with the doctor; right after M'Lynn opened the door

end at 01:28:36:06; M'Lynn sitting at Shelby's bed, humming a melody; right before CUT from side view of mother and daughter to front view of Shelby

forward to 01:28:57:23; M'Lynn shows pictures to Shelby, she says, "and here's one when you were holding him..."

end at 01:29:22:07; M'Lynn stacks pictures away; right before CUT to doctors taking care of Shelby

forward to 01:30:01:12; Shelby's father stands behind the curtains of Shelby's room; M'Lynn cannot be seen, she reads to Shelby, "Lesson 3: never be afraid to wear a sexy new dress"

end at 01:31:02:23; after Jackson sits at Shelby's bed; just before M'Lynn sits at Shelby's bed (cross in the background)

forward to 01:31:14:00; camera panes from Shelby's father to Jackson who is signing a form

end at 01:31:52:12; just after camera paned over heart rate monitor; right before close up of Shelby's father

forward to 01:32:00:22; just after Shelby's father left the room; close up to Jackson who walks up to Shelby and kisses her

end at 01:33:15:11; stop after M'Lynn said, "Call Clarie. Call Kernell's funeral home; that's the nicest"; right before she turns to Jackson to ask him where Jack Jr. is

forward to 01:37:31:22; father walking towards car, turning around to see M'Lynn standing at Shelby's grave

end at 01:41:42:13; right after M'Lynn said, "Jackson left"; before CUT to her face, "Find it amusing. Men are supposed to be made out of steel, or something."

forward to 01:41:50:28; right after M'Lynn said, "... Men are supposed to be made out of steel, or something"; M'Lynn says, "I just sat there..."

end at 01:44:07:21; M'Lynn screams, "I just want to hit something, I want to hit it hard"; right before CUT to old women pushing forward one of their group saying, "Here, hit this!"

END

4 Sadness Film II

4.1 Audio Introduction

Number of words: 78 words

Audio length: 29"

Text: The next sequence is about John who's desperately fighting to save his son Mike from dying of a heart failure. Mike soon needs a heart transplant, because his own heart is too weak to keep him alive. Eventually, when it comes down to hours for Mike to survive, there's no compatible donor available. In the first scene, you'll see John and his wife Denise cheering at their son's baseball game, not knowing of their son's fatal disease yet.

4.2 Film Clip

Film: "John Q." [2]

Target emotion: Sadness

Clip length: 12'41"

Clip cutting:

set time counter to 00:00:00:00 at first frame after CUT after "Denzel Washington" has been displayed and just before "John Q" can be read (car driving through mountain area)

forward to 00:11:35:01; Denise and John cheering at their son Michael who is just walking by; right after CUT from pitcher throwing ball at little white boy

end at 00:11:59:58; Mike getting ready for first pitch

forward to 00:12:31:16 when pitcher throws second pitch, Mike strikes at it

end at 00:12:57:18; right after John has picked up Mike; right before CUT to John carrying Mike on his arms towards his car

forward to 00:13:47:20; hospital admission room, nurse standing at counter, Denise screams, "Help us"; right after John and Denise pulled up in front of hospital

end at 00:14:45:01; right after white curtain has been pulled between John and Denise and Mike; right before nurse asks, "First name, Mr. Archibald"

forward to 00:15:33:07; Denise and John standing at nurse's desk, walking towards Mike's room; right after John handed the insurance card to nurse

end at 00:16:12:12; Mike answers, "I love you, too", to his father telling him, he loves him; right before CUT to male nurse noting down parameters from Mike's vitals and Denise asking him, "What is all this?"

forward to 00:16:30:28; male nurse saying, "If the blood pressure drops, we'll have to do something. . ."

end at 00:16:57:16; Denise and John looking at Mike after his blood pressure dropping from 88 over 58 to 87 over 57; right before hospital director asks, "How's the family's insurance."

forward to 00:17:05:27; hospital director and Mike's doctor get up to welcome Mr. and Mrs. Archibald; hospital director says, "Mr. and Mrs. Archibald."

end at 00:17:30:17; John and Denise walking towards their seats past X-ray of chest; before camera panes back to open view of entire room

forward to 00:17:32:02; John pulling back Denise's chair to help her get seated

end at 00:17:37:28; right when John and Denise are seated, before CUT to hospital director

forward to 00:18:14:28; Michael's doctor says, "Basically, there is not enough blood being pumped by Michael's heart..."; right after John asks whether Mike's condition can be explained in laymen's terms

end at 00:18:27:27; after Michael's doctor says, "His heart is trying, but it's working too hard."

forward to 00:18:37:09; Michael's doctor says, "Mike's heart is useless..."

end at 00:20:06:17; John holds Denise after doctor said, "Not long, months, weeks, days"; right before CUT to hospital director and doctor

forward to 00:20:08:23; John still holding Denise, saying, "I'm sorry. This is a lot."

end at 00:20:17:29; after John said, "This is a lot."

forward to 00:20:21:03; camera shows view of whole room

end at 00:20:30:08; right before camera panes to doctor and hospital director

forward to 00:20:31:19; John says, "Alright. O.k. If he was your son..."

end at 0:20:58:16; doctor says, "Well, first thing we're gonna do is get Mike's name on the organ recipient list."

forward to 01:27:03:13; nurse taking care of Mike, camera panning at doctor and John, doctor says, "We're in trouble, John..."

end at 012:28:02:12; after doctor explaining, "There are several critical tests that have to be taken."

forward to 01:28:06:20; before John says, "Come on, I know all about compatibility..."

end at 01:29:23:22; after John says, "He's a good kid."

forward to 01:29:33:00; before John says, "You'd like him, doc, if you'd got to know him."

end at 01:29:53:11; after John says, "Maybe you don't understand what I'm talking about."

forward to 01:30:30:24; before doctor says, "Alright"; someone else replies, "Alright? Alright what?"

end at 01:30:40:05; after doctor replies, "What are they gonna do? Sue me?"

forward to 01:30:54:13; before doctor says, "No. This is still a hospital..."

end at 01:31:06:11; after doctor says, "Doctor, Mr. McGuire, let's get ready for surgery"

forward to 01:32:23:07; before John folds paper, gets up, and says, "This is my will..."

end at 01:32:38:25; after John says, "And I need two witnesses to sign."

forward to 01:32:57:05; John hands will to security officer to sign

end at 01:33:02:08; John hands will to black haired woman

forward to 01:33:17:10; John says, "Be good"

end at 01:33:22:16; after John said, "Be careful"

forward to 01:33:26:26; John walks toward the door, stops, looks back

end at 01:33:27:08; right before John says, "See you in the funny papers."

forward to 01:34:06:02; right when John tugs in his shirt and walks towards bed; after John threw his bandage behind the curtains

end at 01:36:08:12; after John said, "Your word is your bond, son, that is all that you have"

forward to 01:36:56:11; John, shaking his head, tears dripping from his eyes, says, "I'll never leave you."

end at 01:37:34:14; after John said, "I love you, son"; right before CUT to camera panning back, revealing view of whole room

END

5 Neutral Film I

5.1 Audio Introduction

Number of words: 83 words

Audio length: 31”

Text: The next sequence is about Denali National Park, a preserve area in the Alaskan range. The park consists of wide, low plains, dark, somber mountains, brightly colored peaks and sheer granite dome. To see the park’s beauty, a lot of visitors come there from all over the world. There is also a large variety of wildlife at Denali Park. In the first scene, you’ll see a grizzly bear family, consisting of a mother bear and three young ones, at the beginning of spring.

5.2 Film Clip

Film: “Alaska’s Wild Denali” [4]

Target emotion: Neutral

Clip length: 10’01”

Clip cutting:

set time counter to 00:00:00:00 at first frame of film (mountain range in sunset light) right after “Alaska video postcards”

forward to 00:12:53:06; bear walking over snow field, speaker says, “Throughout the spring and summer the bears of Denali park are on a constant search for food”

end at 00:14:33:22; right before CUT to ground squirrel and speaker saying, “The arctic ground squirrel...”

forward to 00:21:50:28; camera panes from ducks to swans, “At least 159 bird species have been recorded in this area...”

end at 00:26:18:09; bear passes by yellow bus after speaker said, “...it affords the Denali visitors a unique chance to see the park’s famous residents” and music

forward to 00:52:33:25; grizzly bear and three young ones on blueberry field; speaker says, “Against this fall back drop, the Denali grizzly bear family is on a picnic”

end at 00:56:25:26; after speaker said, “...and where we are able to watch, learn, and enjoy their behavior”; and right before the speaker says, “13 wolf packs use the Denali ecosystem...” and the wolf trots down the road

END

6 Neutral Film II

6.1 Audio Introduction

Number of words: 83 words

Audio length: 30"

Text: Denali National Park is the setting of the following film cut. The Indians called the frozen peak of this great Alaskan mountain range Denali, or “the high one”, commonly known as Mt McKinley. Visitors who see this impressive peak are very lucky, because it often is hidden by thick clouds. A lot of animals are the inhabitants of Denali National Park, among them moose, caribou, and Dall sheep. In the first scene, you’ll see a flock of Dall sheep grazing on the mountainside.

6.2 Film Clip

Film: “Alaska’s Wild Denali” [4]

Target emotion: Neutral

Clip length: 09’59”

Clip cutting:

set time counter to 00:00:00:00 at first frame of film (mountain range in sunset light) right after “Alaska video postcards”

forward to 00:15:53:21; camera zooming in on flower, then zooming in on sheep, “Dall sheep like to stick to the higher elevations to avoid predators below”

end at 00:19:23:05; cloud picture after eagle in the sky; right before CUT to mountain range

forward to 00:26:23:23; bus driving up hill; start right after background music faded; speaker says, “At Paligrown Pass, the park road narrows as it winds past layers of colorful volcanic rock...”

end at 00:30:48:00; tourist guide says, “Other co-workers have seen a wolf chasing a caribou here in the toe flat”; just before CUT to ranger explaining sledge dog demonstration

forward to 00:46:11:18; moose and two calves grass next to a river, wade in it; speaker says, “The moose family does not appear to be bothered by the new conditions...”

end at 00:48:13:18; moose calves jumping and wading in water; right before CUT to grass, and then CUT to bird in tree, speaker saying, “The tигра forest, which dominates the landscape...”

END

References

- [1] Beasley, W. S., Chaffin, S., Feig, E., Moritz, N. H. (Producers), & Cannon, D. (Director) (1998). *I still know what you did last summer* [Motion picture]. Culver City, CA: Columbia Tristar Home Video.
- [2] Burg, M., Koules, O. (Producers), & Cassavetes, N. (Director) (2002). *John Q.* [Motion picture]. Los Angeles, CA: New Line Home Entertainment.
- [3] Chaffin, S., Feig, E., Moritz, N. H. (Producers), & Gillespie, J. (Director) (1997). *I know what you did last summer* [Motion picture]. Culver City, CA: Columbia Tristar Home Video.
- [4] Rohlfing, B. (Director) (1997). *Alaska's wild Denali* [Motion picture]. Anchorage, AK: Alaska Video Postcards, Inc.
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