

This is an appendix to Bednarek, Monika (2008). *Emotion Talk across Corpora*. Palgrave.

Appendix to Chapter 3 of *Emotion Talk Across Corpora* (Appendix 3)

Contents:

A 3.1	Emotion frames listed in FrameNet	2
A 3.2	The trigger element in FrameNet	4
A 3.3	FrameNet's frames for the fifteen analyzed emotion terms	6

A 3.1 Emotion frames listed in FrameNet

Frame name, definition and examples from FrameNet (v = verb, a = adjective, n = noun) – see <http://framenet.icsi.berkeley.edu> (accessed June 2006)

Table A.10 Emotion frames in FrameNet

Frame Name and Definition	Examples
Experiencer obj A phenomenon provokes an emotion in an Experiencer	<i>abash.v, aggravate.v, aggrieve.v, alarm.v, amaze.v, anger.v, annoy.v, antagonize.v, astonish.v, astound.v, baffle.v, beguile.v, bewilder.v, bewitch.v, bore.v, calm.v, captivate.v, charm.v, cheer.v, comfort.v, conciliate.v, confuse.v, console.v, dazzle.v, delight.v, depress.v, disappoint.v, discomfit.v, disconcert.v, discourage.v, dishearten.v, displease.v, distress.v, disturb.v, embarrass.v, embitter.v, enchant.v, enrage.v, entertain.v, enthrall.v, exasperate.v, excite.v, exhilarate.v, fascinate.v, faze.v, flabbergast.v, floor.v, flummox.v, fluster.v, frighten.v, frustrate.v, gall.v, gladden.v, gratify.v, hearten.v, humiliate.v, impress.v, incense.v, infuriate.v, interest.v, intimidate.v, intrigue.v, irk.v, irritate.v, madden.v, mollify.v, mortify.v, mystify.v, nettle.v, nonplus.v, offend.v, pacify.v, perplex.v, perturb.v, petrify.v, placate.v, please.v, puzzle.v, rankle.v, rattle.v, reassure.v, repel.v, revolt.v, rile.v, sadden.v, satisfy.v, scare.v, shake.v, shame.v, shock.v, shocker.n, sicken.v, sober.v, solace.v, soothe.v, spook.v, startle.v, stimulate.v, sting.v, stir.v, stun.v, stupefy.v, surprise.v, terrify.v, thrill.v, tickle.v, torment.v, traumatize.v, trouble.v, unnerve.v, unsettle.v, upset.v, vex.v, vexation.n, wow.v</i>
Emotion active Similar to Experiencer_subj, verbs are more active	<i>agonize.v, fret.v, fuss.v, lose_sleep.v, obsess.v, obsession.n, worry.v</i>
Emotion directed An Experiencer feels an emotion with regard to a stimulus or about a topic	<i>abashed.a, affronted.a, agitated.a, agitation.n, agonized.a, agony.n, alarmed.a, amused.a, amusement.n, anger.n, angry.a, anguish.n, anguished.a, annoyance.n, annoyed.a, anxious.a, appalled.a, ashamed.a, astonished.a, astonishment.n, astounded.a, baffled.a, bafflement.n, befuddled.a, bewildered.a, bewilderment.n, blue.a, bored.a, boredom.n, chagrin.n, chagrined.a, concern.n, concerned.a, contented.a, covetous.a, crestfallen.a, cross.a, dejected.a, dejection.n, delight.n, delighted.a, depressed.a, desolate.a, despair.n, despondency.n, despondent.a, devastated.a, disappointed.a, disappointment.n, discomfited.a, discomfiture.n, disconcerted.a, disconcertion.n, disconsolate.a, discouraged.a, discouragement.n, disgruntled.a, disgruntlement.n, disheartened.a, dismay.n, dismayed.a, disorientation.n, disoriented.a, displeased.a, displeasure.n, disquiet.n, disquieted.a, distress.n, distressed.a, downcast.a, downhearted.a, ecstatic.a, elated.a, elation.n, embarrassed.a, embarrassment.n, embittered.a, enraged.a, exasperated.a, exasperation.n, excited.a, excitement.n, exhilarated.a, exhilaration.n, fascinated.a, fed up.a, fed-up.a, flabbergasted.a, flummoxed.a, flustered.a, frightened.a, furious.a, glee.n, gleeful.a, glum.a, glumness.n, gratification.n, gratified.a, grief-stricken.a, grief.n, happy.a, harried.a, heartbreak.n, heartbroken.a, horrified.a, horror.n, humiliated.a, incensed.a, inconsolable.a, indignant.a, infuriated.a, interest.n, interested.a, irate.a, irked.a, irritated.a, jubilant.a, livid.a, low-spirited.a, lugubrious.a, mad.a, miffed.a, miserable.a, mortification.n, mortified.a, mournful.a, mourning.n, mystification.n, mystified.a, nervous.a, nettled.a, nonplussed.a, offended.a, overjoyed.a, overwrought.a, peeved.a, perplexed.a, perplexity.n, perturbed.a, petrified.a, pleased.a, puzzlement.n, rattled.a, relaxed.a, resentful.a, revolted.a, revulsion.n, riled.a, rueful.a, ruffled.a, sad.a, saddened.a, sadness.n, shocked.a, sickened.a, sore.a, sorrow.n, sorrowful.a, startled.a, stressed.a, stunned.a, stupefaction.n, stupefied.a, sympathetic.a, sympathize.a, sympathy.n, terror-stricken.a, thrilled.a, tormented.a, traumatised.a, unsettled.a, unsympathetic.a, upset.a, vexation.n, vexed.a, woebegone.a, worried.a, wretched.a</i>

Frame Name and Definition	Examples
Experiencer subj 'describe an Experiencer's emotions with respect to some Content.'	<i>abhor.v, abhorrence.n, abominate.v, absorbed.a, adoration.n, adore.v, afraid.a, agape.a, apprehensive.a, aspire.v, calm.a, comfort.n, compassion.n, covet.v, crave.v, delight.v, desire.v, despair.v, desperation.n, despise.v, detest.v, detestation.n, dislike.n, dislike.v, dissatisfied.a, dread.n, dread.v, empathetic.a, empathize.v, empathy.n, enjoy.v, enjoyment.n, envy.n, envy.v, fancy.v, fazed.a, fear.n, fear.v, fond.a, freaked.a, frightened.a, fulfilled.a, fulfillment.n, grief-stricken.a, grieve.v, hanker.v, hate.v, hatred.n, interested.a, irritated.a, joyful.a, jubilant.a, like.v, loathe.v, loathing.n, long.v, love.v, luxuriate.v, mourn.v, nervous.a, nettled.a, pine.v, pity.n, pity.v, pleasure.n, regret.n, regret.v, relish.n, relish.v, resent.v, resentment.n, rue.v, rueful.a, satisfaction.n, satisfied.a, savour.v, scared.a, solace.n, terrified.a, unfazed.a, upset.a, want.v, worked up.a, worried.a, wrapped up in.a, yearn.v</i>
Judgment A Cognizer judges an Evaluee (positively or negatively)	<i>accolade.n, admiration.n, admire.v, admiring.a, applaud.v, appreciate.v, appreciation.n, appreciative.a, approbation.n, approving.a, blame.n, blame.v, boo.v, contempt.n, contemptuous.a, critical.a, damnation.n, deify.v, deplore.v, derisive.a, disapproval.n, disapprove.v, disapproving.a, disdain.n, disdain.v, disdainful.a, disrespect.n, esteem.n, esteem.v, exalt.v, exaltation.n, fault.n, fault.v, mock.v, mockery.n, prize.v, reprehensible.a, reproach.n, reproachful.a, respect.n, respect.v, revere.v, reverence.n, scorn.n, scorn.v, scornful.a, stigma.n, stigmatize.v, stricture.n, uncritical.a, value.v, vilification.n</i>
Subject stimulus 'a Stimulus brings about a particular emotion or experience in the Experiencer or saliently fails to bring about a particular experience. Some words indicate that the Stimulus is characterized by the experience it is likely to evoke in an Experiencer and for these, the Experiencer may rarely be present'	<i>abominable.a, absorbing.a, aggravating.a, aggravation.n, agonizing.a, agreeable.a, alarming.a, alienating.a, amazing.a, amusing.a, annoyance.n, annoying.a, appalling.a, astonishing.a, astounding.a, baffling.a, beguiling.a, bewildering.a, bewitching.a, blood-curdling.a, boring.a, bothersome.a, breathtaking.a, calming.a, captivating.a, charming.a, cheering.a, chilling.a, comforting.a, comical.a, confusing.a, consoling.a, delight.n, delightful.a, depressing.a, devastating.a, disagreeable.a, disappointing.a, discomfiting.a, discomfiting.a, disconcerting.a, discouraging.a, disheartening.a, disillusioning.a, dismaying.a, disorientating.a, displeasing.a, distasteful.a, distressing.a, disturbing.a, dreadful.a, droll.a, dull.a, earth-shattering.a, electrifying.a, embarrassing.a, embittering.a, empty.a, enchanting.a, encouraging.a, engrossing.a, enjoyable.a, enraging.a, entertaining.a, enthralling.a, exasperating.a, exciting.a, exhilarating.a, fascinating.a, frightening.a, fulfilling.a, full.a, funny.a, galling.a, ghastly.a, gratifying.a, gripping.a, hair-raising.a, harrowing.a, heart-rending.a, heart-stopping.a, heart-warming.a, heartbreaking.a, heartening.a, hilarious.a, humorous.a, impressive.a, infuriating.a, interesting.a, intimidating.a, intriguing.a, invigorating.a, irksome.a, irritating.a, jaw-dropping.a, jolly.a, maddening.a, mind-boggling.a, mind-numbing.a, mortifying.a, mystifying.a, nerve-racking.a, nice.a, offensive.a, pacifying.a, pathetic.a, perplexing.a, pitiful.a, placating.a, pleasant.a, pleasing.a, pleasurable.a, poignant.a, reassuring.a, relaxing.a, repellent.a, revolting.a, rich.a, rousing.a, sad.a, saddening.a, satisfying.a, scary.a, shocking.a, sickening.a, side-splitting.a, sobering.a, solemn.a, soothing.a, spine-chilling.a, spine-tingling.a, startling.a, stimulating.a, stinging.a, stirring.a, stressful.a, stupefying.a, surprising.a, suspenseful.a, tear-jerking.a, tedious.a, terrifying.a, thorny.a, thrilling.a, tiresome.a, tiring.a, tormenting.a, touching.a, traumatic.a, traumatising.a, troublesome.a, troubling.a, unexciting.a, unfulfilling.a, unfunny.a, unnerving.a, unpleasant.a, unpleasing.a, unsettling.a, uplifting.a, upsetting.a, vexation.n, vexatious.a, vexing.a, white-knuckle.a, worrisome.a, worrying.a</i>
Contrition The Experiencer regrets an action	<i>contrite.a, contrition.n, guilt.n, guilty.a, penitence.n, penitent.a, remorse.n, remorseful.a, remorseless.a, repent.v, repentance.n, repentant.a, rue.v, rueful.a, sorry.a, unrepentant.a</i>
Desiring Experiencer has a desire that some Event occurs.	<i>ache.v, ambition.n, aspiration.n, aspire.v, covet.v, covetous.a, crave.v, craving.n, desire.n, desire.v, desirous.a, dying.a, eager.a, fancy.v, feel_like.v, hanker.v, hankering.n, hope.n, hope.v, hunger.n, hunger.v, hungry.a, in_hopes_of.prep, in_the_hope_of.prep, interested.a, long.v, longing.n, lust.n, lust.v, pine.v, raring.a, spoiling.a, thirst.n, thirst.v, thirsty.a, urge.n, want.v, wants.n, will.v, wish(that).v, wish.n, wish.v, yearn.v, yearning.n, yen.n, yen.v</i>

Frame Name and Definition	Examples
Emotion heat 'verbs that describe emotional experiences and participate in the locative alternation'	<i>boil.v, burn.v, chafe.v, fume.v, seethe.v, simmer.v, smoulder.v, stew.v</i>
Feeling Experiencer feels an emotion	<i>emotion.n, experience.v, feel.v, feelings.n, full.a</i>
Forgiveness 'A Judge refrains from imposing, or demanding a punishment for an Evaluatee who has committed an Offense'	<i>condone.v, excuse.v, forgive.v, forgiveness.n, pardon.v</i>
Predicament 'An Experiencer is in an undesirable Situation'	<i>bind.n, fix.n, jam.n, mess.n, misfortune.n, pickle.n, pinch.n, plight.n, predicament.n, problem.n, scrape.n, trouble.n</i>

A 3.2 The trigger element in FrameNet

- *Stimulus*: the phenomenon that provokes the emotion:

Mr. Whiskers [Experiencer] is **upset** that there are no more cat treats [Stimulus].
(Emotion_directed frame)

The news [Stimulus] greatly **alarms** all the women of the village [Experiencer].
(Experiencer_obj frame)

- *Topic*: what the emotion is about; 'the general area in which the emotion occurs. It indicates a range of possible Stimulus':

He [Experiencer] **worries** a great deal about the house [Topic]. (Emotion_active frame)

- *Event*: the change that the Experiencer wants:

He [Experiencer] **desires** that you take over the keepership of the royal castle of Berwick [Event]. (Desiring frame)

- *Content*: 'what the Experiencer's feelings or experiences are directed towards or based upon. The Content differs from a stimulus because the Content is not construed as being directly responsible for causing the emotion':

Everyone [Experiencer] **loves** compliments [Content]. (Experiencer_subj frame)

- *Evaluee*: what the judgment is made about:
God [Judge] **forgives** repentant sinners [Evaluee]. (Forgiveness frame)
 - *Action*: the action that the Experiencer feels bad about:
They [Experiencer] **repented** their actions against the Soviet Union [Action]. (Contribution frame)
 - *Reason*: an explanation for the evocation of the emotion:
I [Cognizer] **admire** you [Evaluee] for your diligence [Reason]. (Judgment frame)
Modigliani [Experiencer] was plagued and **anxious** because of the difficulty of finding models [Reason]. (Emotion_directed frame)
 - *Means*: ‘the means by which the Stimulus affects the Experiencer’:
Lucian Freud [Stimulus] **surprised** the art market [Experiencer] by parting company from James Kirkman [Means] (Experiencer_obj frame)
- (all examples from FrameNet)

A 3.3 FrameNet's frames for the fifteen analyzed emotion terms

Table A.11 FrameNet's frames for analyzed terms (June 2006)

-- = no FrameNet entry

Adjective	<i>surprised</i>	<i>delighted</i>	<i>enthusiastic</i>	<i>disappointed</i>	<i>anxious</i>	<i>frightened</i>	<i>impressed</i>	<i>pleased</i>	<i>willing</i>
Frame	--	Emotion_directed	--	Emotion_directed	Emotion_directed	Emotion_directed	--	Emotion_directed	--
Noun	<i>surprise</i>	<i>hate</i>	<i>affection</i>						
Frame	--	--	--						
Verb	<i>surprise</i>	<i>hate</i>	<i>admire</i>						
Frame	Experiencer_obj	Experiencer_sub	Judgment_rel; Perception_active						