

# TEDコーパスを使った プレゼンにおける効果的な 英語表現の抽出

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# TED コーパスについて

SCSE (Ted Corpus Search Engine) by Hasebe, Y.

元が英語の1956のトークをtranscript

→約70%~98%が日本語を含む20の言語に翻訳

=パラレルコーパス

# 先行研究

○ Evaluative Language and Its Solidarity-Building Role on TED.com: An Appraisal and Corpus Analysis (Drasovean & Tagg, 2015)

→TED のウェブサイトには書き込まれる視聴者のコメントの分析

# Reference Corpus

British National Corpus  
Sub-corpus >> Spoken

TED en

Tokens 3421262

Words 2882085

Transcript of TED talks (English only)

通常の話し言葉  
コーパスと比べる  
ことで、プレゼン  
に特徴的な表現を  
明らかにする

## 注意点

TED=Technology, Entertainment, Design

→トピックに偏りあり

Lempos-vでBNCと比較したキーワードリストを作ると...＜例＞

Transform

Interact

Empower

Invent

Innovate

Infect

Emit

digitize

# カテゴリー

- 代名詞主語 I, You, We, we, It, This, That と結びつく動詞や名詞
- 人称代名詞目的語 me, us と結びつく動詞や名詞
- 副詞

## Word list options ?

Subcorpus: None (whole corpus) [info](#) [create new](#) ?

Search attribute: word

☐ use n-grams. Value of n: from 2 to 2 ?

☐ hide/nest sub-n-grams

### Filter options:

Filter word list by: Regular expression:  ?

Minimum frequency: 5

Maximum frequency: 0 (0 = no maximum frequency)

Whitelist: [ファイルを選択](#) whitelist.txt

[Clear](#)

Blacklist: [ファイルを選択](#) blacklist.txt

[format](#)

☐ Include non-words

### Output options:

Frequency figures: ☐ Hit counts ☒ Document counts ☐ ARF

Output type: ☐ Simple

☒ Keywords

Reference (sub)corpus: British National Corpus Spoken

Prefer: rare words  common words 1

I  
You  
We  
We  
It  
This  
That

※主語に絞るため

And  
And  
So  
So

←※これらは頻繁に  
n-gramに入ってきてしまう

2語 (n=2)	3語 (n=3)	4語 (n=4)	5語 (n=5)
<p> I learned  It turns  I began  I grew  we create  we created  we learned  I decided  I realized  we realized  I created  I study  we built  We live  We think  I figured  I showed  I discovered  we discovered  I built  You guys </p>	<p> It turns out  I grew up  we think about  I decided to  world that we  I began to  I realized that  This is actually  that we see  I kind of  we can create  I learned that  This is from  we realized that  I started thinking  What if we  How do we  I showed you  This is called  when we think  We need to  way we think  I started to  what we found </p>	<p> I want to show  I want to tell  I want to talk  It turns out that  I want to share  I grew up in  This is a picture  when we think about  I came up with  we came up with  This is actually a  I started thinking about  I wanted to show  the way we think  the world that we  When I was a  I decided that I  But I want to  I had no idea  I want to give  This is one of  we can start to  I want to leave  You can see that </p>	<p> I want to tell you  I want to talk about  I want to show you  I want to share with  I want to leave you  what I want to talk  This is a picture of  I want you to imagine  that I was going to  I wanted to show you  I want to give you  the way we think about  what we did was we  This is what it looks  I want to say that  I want to talk to  When I was a kid  I would like to share  This is one of the  I want to thank you  I like to think of  This is one of my  I spent a lot of  I fell in love with </p>



## Word list options ?

Subcorpus: None (whole corpus) ▾ [info](#) [create new](#) ?

Search attribute: word ▾

☐ use n-grams. Value of n: from 2 ▾ to 2 ▾ ?

☐ hide/nest sub-n-grams

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Filter word list by: Regular expression:  ?

Minimum frequency:

Maximum frequency:  (0 = no maximum frequency)

Whitelist: ファイルを選択  Clear

Blacklist: ファイルを選択  [format](#)

☐ Include non-words

### Output options:

Frequency figures: ☐ Hit counts ☒ Document counts ☐ ARF

Output type: ☐ Simple

☒ Keywords

Reference (sub)corpus British National Corpus ▾ Spoken ▾

Prefer: rare words  common words

※目的語に絞るため

me  
us

And  
And  
So  
So

2語 (n=2)	3語 (n=3)	4語 (n=4)	5語 (n=5)
me show around us allows us taught me led me makes us teach us For me me tell allowed us taught us around me us feel allow us marries me helps us me happy me give me start us human me share is us inside us helping us	me show you Let me show allows us to let me show world around us led me to all around us me tell you interesting to me each of us Let me tell me give you turned to me brings me to for me was allow us to let me tell that allows us Let me give allowed us to me to my that allow us But let me It took us	Let me show you me tell you a let me show you the world around us Let me tell you let me tell you Let me give you me show you a us in this room me show you what that allows us to me give you a that allow us to a picture of me me show you how no one marries me me give you an me show you some it to leave me came up to me brings me to my let me give you all of us to us who we are	of us in this room let me tell you a Let me tell you a me tell you a little let me show you a me give you an example Let me give you an want it to leave me let me show you how it to leave me behind If no one marries me Let me give you a me tell you a story let me show you what Let me just give you for all of us to Let me show you what let me give you a to the world around us let me show you some is a picture of me in the world around us You ca n't catch me

# 抽出した動詞 (lemma)

- learn
- begin
- grow
- create
- decide
- realize
- tell
- build
- come
- figure

- discover
- see
- think
- share
- show
- leave
- start
- turn
- look
- find

- lead
- allow
- bring
- give
- teach

# 抽出した名詞 (lemma)

- sense
- way
- example
- idea
- time
- thing
- picture
- opportunity
- something

<b>learn</b>	<b>learn how to... / We can learn from.../We need to learn to learn more about.../ have a lot to learn</b>
<b>begin</b>	<b>began to think (about...) / We can begin to I began to realize / begin with...</b>
<b>grow</b>	<b>I grew up in(with)... / I was growing up</b>
<b>create</b>	<b>We want to create / We had to create to create a new</b>
<b>decide</b>	<b>I[We] decided to... / I[We] decided that I[we]...</b>
<b>realize</b>	<b>I realized that... / I didn't realize / people don't realize</b>
<b>tell</b>	<b>Let me tell you (about...) / going to tell you I can tell you / want to tell you</b>
<b>build</b>	<b>We can build / want to build / try to build</b>
<b>come</b>	<b>come up with... / when it comes to ...</b>
<b>see</b>	<b>You can see here / as you can see / when you see here</b>

<b>figure</b>	<b>To figure out how / to figure out what / try(ing) to figure out Have to figure out / figure out a way</b>
<b>share</b>	<b>want to share with you</b>
<b>show</b>	<b>Let me show you / going to show you / want to show you show you an example</b>
<b>leave</b>	<b>want to leave you with / don't want to leave me behind</b>
<b>look</b>	<b>If we[you] look at... / take a look at... / what it looks like</b>
<b>lead</b>	<b>lead(s) me[us] to... / going to lead to</b>
<b>realize</b>	<b>I realized that... / I didn't realize / people don't realize</b>
<b>give</b>	<b>Give you an example (of...) / give you a sense of...</b>
<b>build</b>	<b>We can build / want to build / try to build</b>
<b>come</b>	<b>come up with... / when it comes to ...</b>
<b>see</b>	<b>You can see here / as you can see / when you see here</b>

<b>discover</b>	<b>We discovered that... / to discover that When I discovered / it was discovered</b>
<b>turn</b>	<b>It turns out that / it turns out to be / turn it into</b>
<b>think</b>	<b>We think about... / think about how... / the way we think ways of thinking / started thinking about</b>
<b>find</b>	<b>Find a way to... / what we found / find out what To find out how... / found myself in ...</b>
<b>allow</b>	<b>That allows us[you] to...</b>
<b>bring</b>	<b>Bring me[us] to... / bring it back to...</b>
<b>teach</b>	<b>To teach us / taught us that ...</b>

<b>sense</b>	<b>Give you a sense of ... / make sense of ... In the sense that...</b>
<b>way</b>	<b>In a way that... / the way we think / the best way to...</b>
<b>example</b>	<b>Give you an example of ... / for example / just one example</b>
<b>idea</b>	<b>The idea that we... / with the idea of... / give you an idea</b>
<b>time</b>	<b>Don't have time to... / time for us to... / spent so much time</b>
<b>picture</b>	<b>Show you a picture / look at this picture / see in this picture</b>
<b>point</b>	<b>To the point where... / the point is... / to make the point</b>
<b>opportunity</b>	<b>Have[had] the[a] opportunity to... /</b>
<b>something</b>	<b>This is something that we... / show you something / to make something that decided to do something that.../ to talk about something that...</b>



# Intensifier

# 教材サンプル

＊簡単な動詞を使って自分の体験について話そう

～プレゼンテーションの動機を話す～  
I [We] + ▶begin[began] to -/-ing  
▶start[started] to -/-ing  
▶decide[decided] to -

例) I started thinking about...  
I decided to created...  
I began with...

～新たな手段・物の発見・提案～  
▶learn ▶realize ▶discover ▶come up  
with  
▶figure out ▶turn out ▶find out ▶create  
▶build

例) We can learn from...  
We figured out how to...  
We've come up with this great idea...  
...in fact, turned out to be true.

～無生物を主語にして因果関係を説明する～  
▶lead (me/you/us) to ▶allow (me/you/us) to

例) This is what led us to think about the project...

..., which leads us to a question  
This led to broader ideas of...  
It allows us to enjoy the benefit...

～アイデアを観客に印象づける～  
▶see ▶share ▶show ▶leave  
▶look ▶teach ▶give

例) Here you can see...  
the thing that I want to share with you...  
Let me show you a picture...  
I'd like to leave you with two thoughts.  
They might teach us something about...

～トピックや結論の確認～  
▶When it comes to ▶bring me[it] back to  
▶come down to

## 参考

＊色々な動詞と組み合わせて使える定型表現

▶ Let me -

例) Let me show you ...  
Let me tell you about...  
Let me give you...

▶ am going to -, need to -, want[would like] to -

例) I'm going to talk about...  
I needed to figure out...  
I want to share with you...

▶ If -, when -, what if -,

例) If you look at...  
When you think about...  
What if we build...

＊プレゼンの流れに沿って使ってみよう

▶ 導入

▶ 自分のバックグラウンドや動機を話す  
Let me tell you about...  
I grew up in...  
I started thinking about...

▶ 問題提起

We need to create a new way to...  
People don't realize that...

▶ 例を交えながらポイントを説明する  
例) I'm gonna show you an example.  
You can see here...  
This is what it looks like when we...

▶ トピックや問題を確認、軌道修正する  
例) That is important in the sense that ...  
This brings us back to the point that...  
This all comes down to the idea of...  
I don't have time to go into this.

▶ 結び

▶ 提案の意義を印象づける  
This allows us to...  
We can learn from...

I want to leave you today with...

# 教材サンプル

## \*便利な名詞表現

### ▶sense

To give you a sense of how important this might be, ...

In order to make sense of it, I had to ...  
I thought about this in the sense that it's great to ...

### ▶way

They do it in a way that benefits society.  
The first thing we had to do was find a way to get this.

I guess the best way to end this is with two quotes.

### ▶example

Let me give you an example.  
Here's just one example of this.

### ▶idea

... fascinated with the idea of what

### ▶time

It's time for us to reconsider how we use it.  
I don't have time to go into all of them.

### ▶point

I have gotten to the point where I don't even try to...

The point is that everything will have embedded in it...

I want to make the point that as members of society...

### ▶opportunity

Many of you here have the opportunity to...  
I really hope to have the opportunity to...

### ▶something

This is something that can be transformed with knowledge.

This is something I think is really the way we should be...

We decided to do something a little bit