

Leg it, floor it, snuff it: A synchronic and diachronic analysis of dummy it.

^{*}Research for the present paper forms part of a larger project on 'Determinants of language variation' funded by the University of Mainz.

Dummy it

(1) (...) when six or seven groups would **bus** it from city, (...). [Detroit Free Press 1995]

but also diachronically ...

- (1) Let vs legge it a little. [OED 1601]
- (2) I have the pleasure to inform you that your mother-in-law snuffed it. [OED 1896]

and in Boston ...

Hungry?

CORNER it!

Advertisement: The Corner Mall, Boston

Dummy it

When considering to leg it, to snuff it, ... we are faced with the question of:

"What motivates the occurrence of it?"

Structure

- I. Introduction
- II. Status of dummy it
- III. Dummy it in previous research
- IV. Imperatives and dummy it
- V. Does dummy *it* enhance the verbal territory of a V?
- VI. The role of pseudo-objects in (de)transitivization
- VII. Conclusion

Dummy it violates Argument Structure Constraints

frog is generally assumed to be a V_{intr} (if a V at all ...)

- **OED:** "intr., and trans. with it. slang (chiefly U.S.). To move quickly, to hurry; to leap or move like a frog."
- (1) He appeared in the evening **frogging** Ø up the steps of the dwelling opposite. [Cox, P. Squibs of California, 1874] intransitive use
- (2) The four of us **frogged** it along the dark lane. [Kitchen, F. Brother to the Ox, 1945] semi-transitive use

But not with a fully-fledged O:

- (3) *frogging the steps of the dwelling opposite transitive use
- ⇒ pseudo-object it appears to be licensed by V_{intr}

What is the status of *it*?

Standard tests for direct objecthood:

- a. Insertion test
- b. Passivization test
- c. Extraction test

Standard tests for direct objecthood: a. Insertion test

Principle: V and Od tend to be adjacent [Kozinsky 1979: 158]

- (1) Everybody out! Move it! [COCA 1991]
- (2) *... move quickly it out!

⇒ dummy it behaves just like Ods by not allowing insertions between V and NP.

b. Passivization Test

- (1) I have the pleasure to inform you that your mother-in-law snuffed it. [OED 1896] active
- (2) *(...) that it was **snuffed** by your mother-in-law. passive

⇒ unlike canonical Ods dummy it does not allow passivization

c. Extraction Test

- (1) Every year, your mother-in-law insists on planning the entire Thanksgiving meal (...). [COCA 2009]
- (2) It is the entire Thanksgiving meal that your mother-in-law insists on planning.

 Od extractable
- (3) ... your mother-in-law snuffed it.
- (4) *it was it that your mother-in-law snuffed. Od non-extractable

⇒ unlike canonical Ods dummy it does not allow extraction

Tab. 1. Tests for direct objecthood

	Insertion	Passivization	Extraction
Direct objects	-	+	+
Dummy it	-	-	-

 $\Rightarrow it \sim \text{pseudo-object}$

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Dummy it in previous research

- a. Listed as an idiomatic use that causes pitfalls in automatic POS tagging. [cf. Boyd et al. 2005: 40]
- b. Cited as part of a set of resultative constructions [cf. Salkoff 1988: 55]
- c. Mentioned as a structure that extends from OE to EModE associated with a change from Synthetic > Analytic [cf. Rissanen 1999: 261]

Extending Salkoff's [1988: 45] list of resultatives in the "way-construction paradigm"

Possessive + way Reflexive self dummy it Ø

7 pseudo-objects that share some degree of functional overlap illustrated for the V *MOVE*:

- (1) They run in laughing (...) as Virgil moves his way into the center (...). [COCA 1999]
- (2) Move yourself, Porter, said the uniformed figure brusquely.

 [BNC wridom1]
- (3) Hurry up! Tom yelled from the living room a couple of days later. Move it, Judy.
- (4) He shouted at Mariana, grabbing at her arms and dragging her upright. Move Ø! he yelled. Quick-! [BNC wridom1]

7 Pseudo-objects illustrated for the V MOVE

```
POSS way
Reflexive self
dummy it
Ø
Cognate objects

Particle
Particle + Reflexive self
```

- (1) Steven moves a sudden move toward the Police Officer. [COCA]
- (2) We'll have to move on! she sobbed. [BNC wridom1]
- (3) We do deep breathing exercises instead, said Otley, (...), his paunch moving itself up a notch. [BNC wridom1]

All these pseudo-objects are semantically light, ie they do not carry a significant semantic load.

Structure

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Imperatives and dummy it

Dummy it occurs strikingly often with imperatives.

- Rissanen [1999:256]: originally intr. motion Vs can take a coreferential O in the imperative:
- (1) Good Margaret runne thee to the parlour [Shakespeare. *Much Ado about Nothing*, c. 1598]
 - "They seem to be retained longest in imperatives" [Rissanen 1999:256]. Explanation in terms of transitivization to express "involvement" or "emphasis"
- Henry [1995:50]: imperatives in Belfast often involve a coreferential O.
- (2) Run youse to the telephone!
- Similar uses appear to be found in German:
- (3) Geh du ans <u>Telefon!</u> (contrastive stress) 'answer the phone' Geh Ø ans Telefon!

Strikingly, other pseudo-objects also tend to occur with imperatives ...

particles:

- (1) Geh mal! Nimm nur! Schau doch!
- Are move it! shove it! somehow related to these strategies?
 Do they reinforce the imperative?
- Is a monosyllabic V not sufficient to express an illocutionary act as forceful as the imperative?

But: This cannot be the whole story because dummy *it* is not restricted to imperatives.

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It-support?

Rissanen [1999: 26]: "It can often be found with verbs recently converted from adjectives or nouns. The dummy object probably made it easier to analyse the new derivative as a verb":

- (1) The Turks could not **French** it so handsomely. [OED, cited in Rissanen 1999: 261]
- ⇒ Dummy it highlights the verbiness of weakly established Vs

Are the Vs listed in the OED or Merriam-Webster's?

leg	Merriam-Webster	OED
	yes	Yes, explicitly mentions the phrase leg it
	Intr. V "to use the legs in walking; especially: run"	"intr. to leg it: To use the legs, to walk fast or run; also simply to leg (Sc. and dial.)

rough	Merriam-Webster	OED	
	Yes, explicitly mentions the phrase <i>rough it</i>	Yes, explicitly mentions the phrase <i>rough it</i>	
"rought it : to live under harsh or primitive conditions"		"trans. to rough it: to face or submit to hardships, rough or basic accommodation, etc.; to do without ordinary conveniences or luxuries; to live in a rough way."	

⇒ Vs taking dummy *it* are inconsistently treated as trans. or intr.

Does it enhance the verbal territory of already existing Vs?

- floor is well-established in the sense: 'to cover with a floor' or "to bring to the floor, knock down (boxing), have a fall. [OED]
- (40) Eke pave or **floore** it wele in somer tyde. [OED: *Palladius' De Re Rustica*, c. 1420] well-established sense
- (41) He commanded them all to shoote at once, and **flore** the **enemie**, if possible they could. [OED: Lancashire Tracts 1642] well-established sense

But no OED entry for:

- (42) "Mansell said: "I got a good start and I just **floored it**." [The Guardian 1997] new sense 'accelerate'
- ⇒ in assuming new V senses *floor* is equipped with the pseudoobject *it* thereby modulating its transitivity.

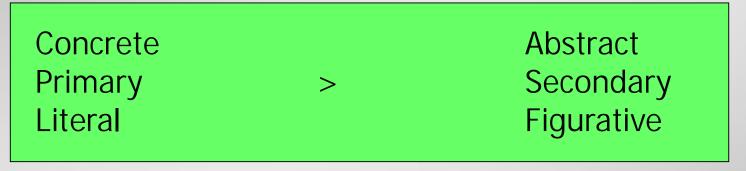
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Metaphorical extension

- (1) "I was going about 55kph [34mph] on a slight descent and he [the motorbike rider] just floored it to get through a gap from behind (...) [The Guardian 2003]
- no gas pedal involved that might be floored, but a handle bar
- (2) Highway panic as snake **legs** it to freedom. [The Guardian 2000 Headline]

Dummy it as an instance of grammaticalization

- 1. Loss of number opposition
- (1) The man legged it.
- (2) *The men legged them.
- 2. Transition of meaning



OED: earliest sense of *snuff* (14. cent.): "That portion of a wick, etc., which is partly consumed in the course of burning (...)"

to snuff a candle > person snuffs it

3. Semantic bleaching of it: non-referential

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Theoretical Prerequisites: Transitivity

Hopper/Thompson's theory of transitivity: moves beyond the single criterion of the presence or absence of a Od

10 criteria:

measure the extent to which a clause is transitive

Transitivity₁ = "the effectiveness with which an action takes place (...)" [Hopper/Thompson 1980: 251]

Transitivity₂ = effectiveness with which an action is transferred to a patient

10 Criteria for measuring transitivity [Hopper/Thompson 1980]

		High Transitivity	Low Transitivity
А	Participant	2 or more participants	1 participant
В	Kinesis	action	non-action
С	Aspect	telic (completed)	atelic (in progress)
D	Punctuality	punctual	non-punctual
Ε	Volitionality	volitional	non-volitional
F	Affirmation	affirmative	negative
G	Mode	realis	irrealis
Н	Agency	agent high in potency	agent low in potency
ı	Affectedness of the object	object totally affected	object not affected
J	Individuation of the object	object highly individuated	object non-individuated

Criterion A: Participants

A high degree of transitivity implies 2 or more participants:

(1) A moved B. highly transitive

Verbal action move is 'effectively transferred to a patient'

Reflexives, however, are co-referential with the subject \Rightarrow 1 participant:

(2) A moved himself.

A moved it.

semi-transitive

Why can we argue that "effectiveness with which an action takes place" is lower with reflexives? After all A is also moved.

- patient is semantically the agent, can stop the movement (control).
- With dummy it, there is no semantic patient.
- (3) A moved Ø. intransitive

No patient. 'Effectiveness with which an action is transferred to a patient' cannot even be assessed.

Criterion B: Kinesis

- Actions are more strongly associated with transitivity than non-actions.
- A high degree of kinesis also seems to be required if Vs take the pseudo-object it:

bike it, bus it, floor it, frog it, hike it, hoove it, leg it, move it, shift it, shove it, walk it, wing it

... are highly dynamic

But: *stay it, *wait it

 \Rightarrow dummy *it* occurs with dynamic Vs.

Transitivity and pseudo-objects

Pseudo-objects are semantically light, i.e. they do not carry a significant semantic load. The effect the V can have on the object is thus restricted.

she legged it/snuffed it/moved it

S is affected, not the Od

⇒ Semantically this is a reflexive structure

Hopper/Thompson [1980: 277]:

"reflexives in many languages have properties which can be explained by appealing to their intermediate status between one-argument and two-argument clauses".

The same goes for other pseudo-objects, such as dummy it.

Typological considerations: ambitransitivity in English and German

Ambitransitive = V that can be used transitively or intransitively without having to undergo a formal change.

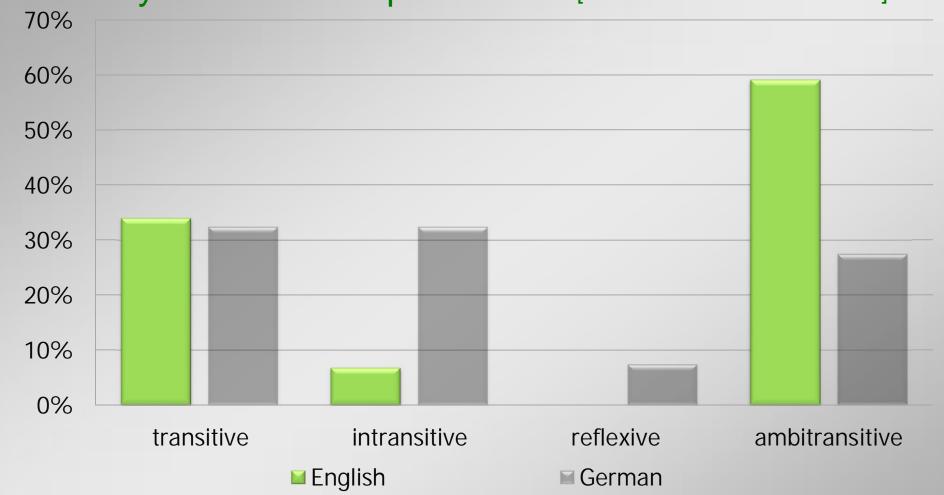
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(43) John walks Ø home. intransitive
```

- (44) John walks Mary home. transitive
- Contrastive data
- (45) John geht Ø nach Hause.
- (46) *John **geht** Mary nach Hause. no transitive counterpart

German:

- herrschen (intr.) 'rule over' beherrschen (trans.) 'master sth.'
- wachen (intr.) 'be awake' bewachen (trans.) 'guard sth.'

German and English Vs according to valency for a randomly selected sample of 84 V [based on Schiefke 2009: 16]



- ⇒ Engl: remarkably few intr. Vs
- ⇒ Engl: few reflexive Vs
- ⇒ Engl: many ambitransitive Vs

More ambitransitive Vs in English than in German

Kilby [1984: 37]: categorization between *trans.* and *intr.* Vs is less clear-cut in English.

Dixon/Aikhenvald [2000: 4]: languages that have many ambitransitive V also have few valency changing morphemes.

⇒ with the erosion of morphological marking (*be*-), markers of transitivity might have been lost

Reflexives are on the decline in English

Reflexives become obsolete in a wide range of environments [cf. Kirchner 1951:158; Jespersen 1961: 325-331; Strang 1970:153, Peitsara 1997: 321; Rissanen 1999: 256; König & Siemund 2000: 48; Rohdenburg 2009, Mondorf 2011: 406]

OE ME LModE

I washed me > I washed myself > I washed Ø
I overslept myself > I overslept Ø

Rohdenburg [2009]: shows that reflexive *self* is contracting its range of application in terms of V types and frequency. Spearheaded by AmE.

⇒ Indicative of a more general decline of reflexive self in English

Contrastive Data

German

reflexive structures of the following type are still fairly common:

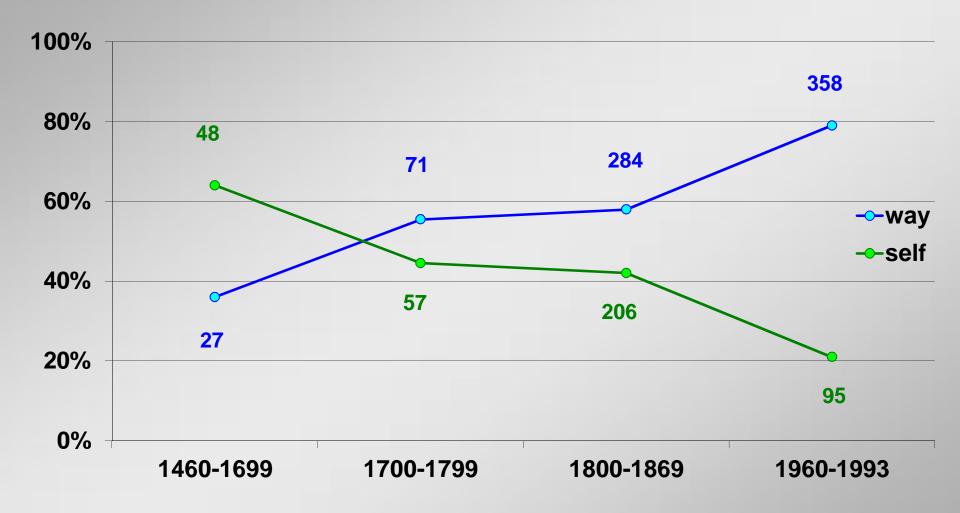
(1) Er hat sich hochgearbeitet.'He has worked himself to the top'.

English

highly productive competitor in the form of the wayconstruction:

- (2) a. (...) he worked his way down the steep bank toward the stream [FROWN]
 - b. Worked himself into a frenzy and gave himself indigestion. [BNC wridom1]

Fig. 1. Diachronic Development of *One's Way* vs. Oneself (N = 1146) [based on Mondorf 2011: 405]



10 Verbs: cut, drink, eat, fight, grope, hit, wind, work, worm, wriggle

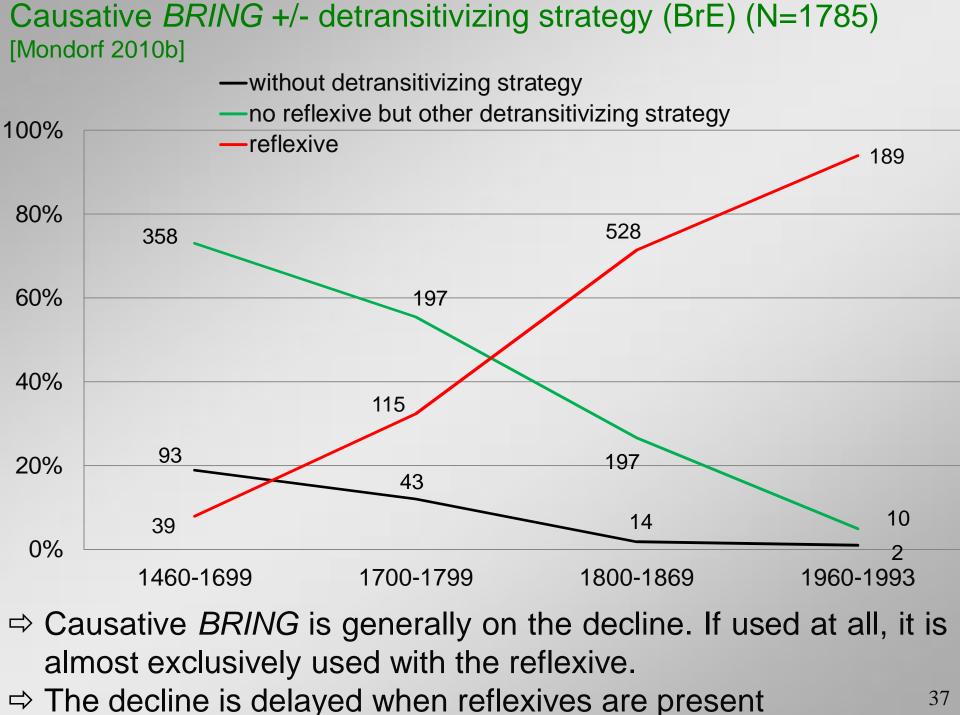
Erosion of causative BRING

Early Modern English:

(1) She **brought** him to laugh.

Present-day English:

(3) ?She brought him to laugh.



Revisiting the 7 pseudo-objects illustrated for the V MOVE

```
POSS way
Reflexive self
dummy it
Ø
Cognate objects
Particle
Particle + Reflexive self
```

Another reason for the decline of the reflexive: The competition between reflexives vs. particles

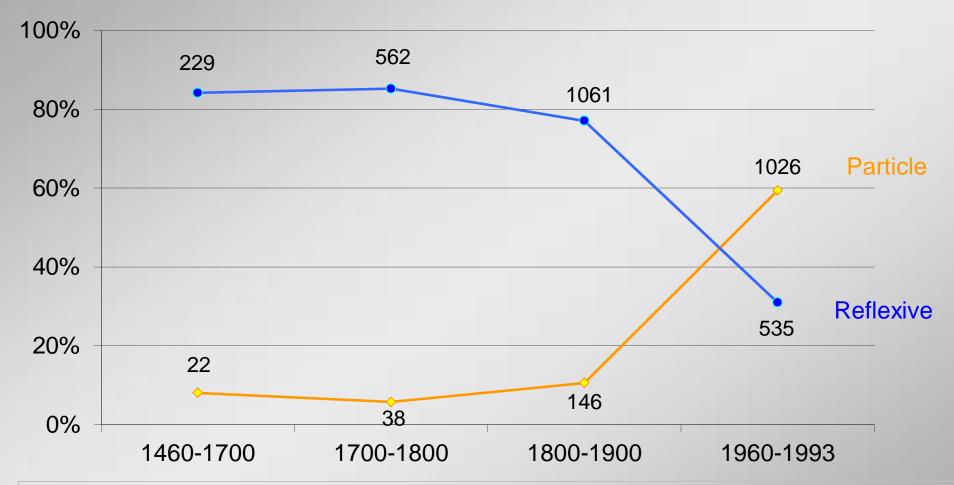
(1) Brace yourself for the impact.

Reflexive

(2) (...) he said, in tones of mock-comfort, Brace up, Merrill. [BNC wridom1]

Particle

Diachronic Development of the Competition between Reflexives and Particles (out, up) (N = 3619) [based on Mondorf 2010: 229]



27 Verbs: boost, bow, brace, burn, coil, curl, dress, ease, empty, fit, freshen, gear, heave, hire, jerk, launch, lock, open, prop, psyche, raise, rouse, smarten, straighten,

⇒ The particle is replacing reflexive self

Let' speculate ...

Thinking out aloud: The role of pseudo objects in (de)transitivization or "How does *it* fit into the larger picture"?

before PDE:	PDE:	Future:
snore (V _{intr})	snore one's way through a meeting	
Ø	George W. Bush one's way to	
snuff (primary sense)	New V senses: snuff it (secondary 'die')	
move it! (primary)	move it! 'hurry'	
leg it 'walk on foot'	leg it 'run away' (snake)	
	Transitivization	
INTRANSITIVE	SEMI-TRANSITIVE	TRANSITIVE
	Detransitivization	
Future:	PDE:	Before PDE:
	I brought my <mark>self</mark> to believe	I brought Pat to laugh
brace <mark>up</mark>	brace oneself for the impact	

Pseudo objects might be the incipient stages of (de-)transitivization processes. They seem to usher out V_{trans} which decrease their verbal territory and usher in V_{intr} which enhance their verbal territory.

Thank you for your attention!

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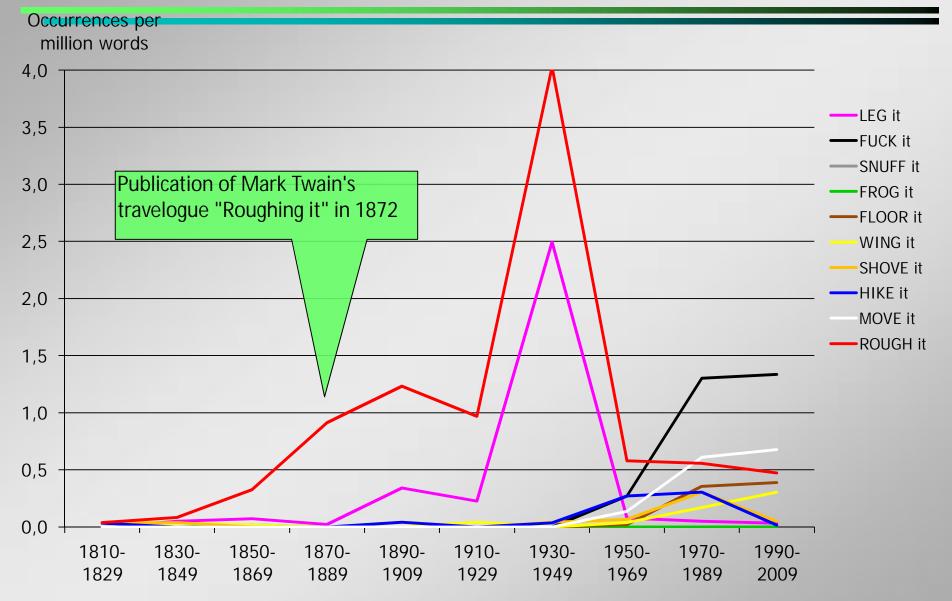
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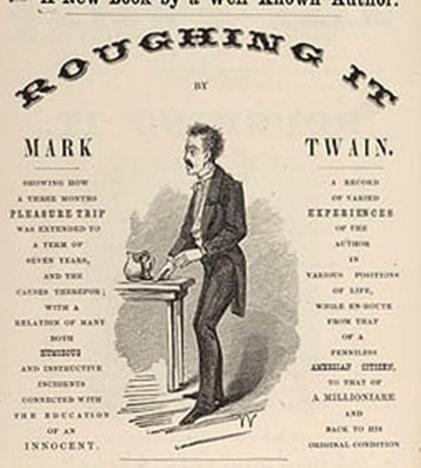
Conclusion

- 1. Dummy *it* can be related to a series of (de-)transitivization processes
- 7 pseudo-objects occur in semi-transitive environments with some degree of functional overlap
 - way-constructions
 - Reflexives
 - particles
 - dummy it
- 3. Is the function of dummy *it* to modulate transitivity in accordance with the changing entrenchment of the V (or V sense) with which it is used?
- 4. it-support to increase the transitivity of weakly established Vs or V senses?

Pilot Study: Diachronic development of dummy *it* with 10 Vs in AmE (COHA, N = 697)



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Vs found with dummy it

```
bike, blow, brave, bus
cocquet
floor, French, frog, fuck
hike, hoove
Leg, lose
move
rough
shift, shove, snuff
tongue
walk, wing
```

Verb-formations on crutches of transitivity

- 1. Rohdenburg [1996]: expressions which enhance a lexeme's transitivity can reinforce its V status.
- 2. Salkoff [1988]: support Vs are occasionally required to turn Ns into Vs.
- 3. Similarly, the *way*-construction equips novel Vs with transitivity by providing them with a pseudo-object (*one's way*).

The Data

British Corpora	Period	Mio Words
Early English Prose Fiction	*1460 – 1682	10
Eighteenth Century Fiction	*1660 – 1752	10
Nineteenth Century Fiction	*1728 – 1869	39
British National Corpus (wridom1)	p1960 – 1993	19
Total		78

American Corpora	Period	Mio Words
Early American Fiction 1	*1744 – 1799	16
Early American Fiction 2	*1800 – 1827	19
American National Corpus (2. release)	p1728 – 1869	22
Total		57

^{*} birth dates, p publication dates

Reflexive object as 'pseudo-object'

Spanish

(33) a. Juan Ø durmió (toda la noche). 'slept' intransitive

b. Juan **se** durmió *(toda la noche). 'fell asleep' semi-transitive (pseudo-object *se*)

French

- (34) a. *ouvrir* 'open', *terminer* 'end' transitive b. *s'ouvrir* 'open', *se terminer* 'end' semi-transitive
- Russian
- (35) a. načináť 'begin', končať 'end' transitive b. načináť sja 'begin', končať sja 'end' semi-transitive [Hopper/Thompson 1980]

1. This is the '90s equivalent of one of those '60s shows when six or seven groups would **bus** it from city, doing their three or four hits and heading on. [Detroit Free Press 1995]

 While dummy it in subject position has received much scholarly attention

(6) It is raining

its use in object position has rarely been investigated.