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Coextension path expressions with motion verbs conflating instrument in the British National Corpus

1. Introduction

Fictive motion refers to figurative representations of motion attributed to immobile material objects, states, or abstract concepts, in which the meaning of motion verbs is semantically extended to express relations that do not involve motion per se nor change of state.² *Coextension paths* are a specific category of fictive motion expressions used to depict spatial configurations of stationary objects in terms of motion over the object's extent.³ It has been established that the choice of verbs in fictive motion is not insignificant or random, but is motivated by mental simulations grounded in embodied cognition.⁴ The following research report demonstrates structuring fictive motion with motion verbs conflating instrumentality in the British National Corpus.

2. Methodology

This research employs the *British National Corpus* (henceforth, the BNC), which is a 100 million word collection of samples of written and spoken contemporary British English from a wide range of texts, genres, and registers⁵ (see www.natcorp.ox.ac.uk for more information). Fictive motion expressions are problematic to pick out from corpora because at the syntactic level they are practically indistinguishable from actual motion expressions. Searching for instrumentality in coextension paths was executed by looking for combinations of landmarks that can potentially feature in coextension paths with an ample selection of instrumental motion verbs.

Selecting suitable landmarks followed observations that coextension paths typically describe extended or elongated stationary spatial entities.⁶ Starting with a few prototypical ones, such as “road”, “wire”, “fence”, “coast”, etc., the online version of *WordNet*⁷ 3.1 (see wordnet.princeton.edu for more information) was consulted to review hyponyms, meronyms, and sister terms in order to identify other

¹ This report has been carried out within COST Action TD0904 “Time In MEntal ActivityY (TIMELY)” and supported with Polish National Science Centre grant No. 2011/01/M/HS2/03042 “Perception of Time as a Linguistic Category”

² Langacker, R. W. (2008). *Cognitive Grammar: A Basic Introduction*. Oxford: Oxford University Press.

³ Talmy, L. (2000). *Toward a Cognitive Semantics, Vol. I: Concept Structuring Systems*. Cambridge, MA: MIT Press.

⁴ Matlock, T. (2004). The conceptual motivation of fictive motion. In G. Radden & K.-U. Panther (Eds.), *Studies in Linguistic Motivation* (pp. 221–248). Berlin: Mouton de Gruyter.

⁵ Aston, G., & Burnard, L. (1998). *The BNC Handbook: Exploring the British National Corpus with SARA*. Edinburgh: Edinburgh University Press.

⁶ Langacker, R. W. (2005). Dynamicity, fictivity, and scanning: The imaginative basis of logic and linguistic meaning. In D. Pecher & R. A. Zwaan (Eds.), *Grounding Cognition: The Role of Perception and Action in Memory, Language, and Thinking* (pp. 164–197). Cambridge: Cambridge University Press. See also: Matlock, 2004 listed above.

⁷ Fellbaum, C. (2006). *WordNet(s)*. In (K. Brown, Ed.) *Encyclopedia of Language & Linguistics, Second Edition*. Oxford: Elsevier.

spatially extended objects potentially fit for description with coextension paths. For the purpose of the present study the following four categories of landmarks were selected:

- (1) *Travelable paths*: “alley, artery, avenue, boulevard, bridge, flyover, footpath, highway, lane, motorway, overpass, passage, passageway, path, pathway, pavement, railway, road, roadway, route, street, subway, thoroughfare, track, trail, tunnel, underpass, viaduct, walkway, way”. These spatial entities are paths intended for traveling by people.⁸
- (2) *Travelable environmental entities*: “beach, canyon, cliff, coast, coastline, crag, desert, escarpment, field, forest, glacier, glen, grassland, gulf, gully, hill, island, land, littoral, meadow, mountain, plateau, ravine, ridge, scarp, seashore, shore, valley, wasteland, wilderness”. These typically extended or elongated landmarks can also be traveled, however, they were not built intentionally for this purpose.
- (3) *Non-travelable connectors*: “cable, conduit, conveyor, duct, hose, line, pipe, pipeline, tube, wire”. These elongated objects, which are typically used for transmitting energy or transporting substances over long distance, are normally not traveled by people.
- (4) *Non-travelable barriers*: “barrage, barricade, barrier, dam, fence, hedge, hedgerow, palisade, rampart, wall”. These spatially extended entities typically serve as barriers and are not normally used for traveling, but they often stretch over a relatively substantial distance.

Altogether, 80 landmarks were selected for analysis, including 60 items for travelable paths and 20 items for non-travelable paths. This selection seems to be reasonably adequate for the purpose of investigating instrumentality in coextension paths. The range of objects that can be described with coextension path expressions is practically unlimited, thus enumerating all landmarks that can potentially feature in this context is impossible.

A selection of English motion verbs conflating instrument was taken from Levin,⁹ who labels them as *verbs of motion using a vehicle*. They express instrumentality by describing movement using a vehicle. They belong to two basic classes:

- a) *Verbs that are not vehicle names*: “cruise, drive, fly, oar, paddle, pedal, ride, row, sail, tack”. Levin (Ch. 51.4.2) notes that these verbs are not directly derived from vehicle names, but some of them are zero-related to nouns that name parts used in propelling these vehicles.
- b) *Verbs that are vehicle names*: “balloon, bicycle, bike, boat, bobsled, bus, cab, canoe, caravan, chariot, coach, cycle, dogsled, ferry, gondola, helicopter, jeep, jet, kayak, moped, motor, motorbike, motorcycle, parachute, punt, raft, rickshaw, rocket, skate, skateboard, ski, sled, sledge, sleigh, taxi, toboggan, tram, trolley, yacht” Levin (Ch. 51.4.1) notes that they are zero-related to nouns that are vehicle names and mean approximately “to go using the vehicle named by the noun”.

Altogether, 49 verbs of motion were selected for analysis. The list for verbs that are vehicle names is far from being exhaustive. It is impossible to enumerate all instrumental verbs of motion because, in principle, any vehicle name can be used as a verb of this type.¹⁰ Investigating which other motion verbs also conflate instrument in their semantics exceeds the scope of this research.

The search for instrumentality in coextension paths was implemented by looking for combinations of the above-listed landmarks with third-person singular simple present and past forms of the above-listed motion verbs, using the following pattern:

**LANDMARK (noun sing.) +
INSTRUMENTAL MOTION VERB (3rd sing. present/past tense)**

This pattern yields 7840 different variants for the selected landmarks, including 6240 combinations for the verbs that are vehicle names (80 landmarks x 78 verb forms), and 1600 combinations for the verbs that are not vehicle names (80 landmarks x 20 verb forms).

⁸ For a distinction between travelable and non-travelable paths see: Matsumoto, Y. (1996). Subjective motion and English and Japanese verbs. *Cognitive Linguistics*, 7(2), 183–226. doi:10.1515/cogl.1996.7.2.183

⁹ Levin, B. (1993). *English Verb Classes and Alternations: A Preliminary Investigation*. Chicago: University of Chicago Press.

¹⁰ Clark, E. V., & Clark, H. H. (1979). When Nouns Surface as Verbs. *Language*, 55(4), 767–811.

3. Queries

This research is based on the BNC World edition published in 2001. The corpus was searched with SlopeQ, a part-of-speech-sensitive concordancer with support for proximity queries developed by Piotr Pezik. The number of returned results was set to the maximum of 10000 (available via “Paging” option). All queries were implemented with the default value of 0 for SLOP factor¹¹ (available via “Slop” option). The “Preserve order” option was set to “yes”. A vertical bar symbol (|) indicates logical “AND”. For example, the query “road runs|ran” substitutes for two separate queries “road runs” and “road ran”. The following queries were used:

For coextensions paths including motion verbs that are vehicle names

alley|artery|avenue|boulevard|bridge|flyover|footpath|highway|lane|motorway|overpass|passage|passageway|path|pathway|pavement|railway|road|roadway|route|street|subway|thoroughfare|track|trail|tunnel|underpass|viaduct|walkway|way|beach|canyon|cliff|coast|coastline|crag|desert|escarpment|field|forest|glacier|glen|grassland|gulf|gully|hill|island|land|littoral|meadow|mountain|plateau|ravine|ridge|scarp|seashore|shore|valley|wasteland|wilderness|cable|conduit|conveyor|duct|horse|line|pipe|pipeline|tube|wire|barrage|barricade|barrier|dam|fence|hedge|hedge|hedgerow|palisade|rampart|wall|balloons|ballooned|bicycles|bicycled|bikes|biked|boats|boated|bobsleds|bobsledded|buses|bused|cabs|cabbed|canoes|canoed|caravans|caravanned|chariots|charioted|coaches|coached|cycles|cycled|dogsleds|dogsledded|ferries|ferried|gondolas|gondoled|helicopters|helicoptered|jeeps|jeeped|jets|jetted|kayaks|kayaked|mopeds|mopedded|motors|motored|motorbikes|motorbiked|motorcycles|motorcycled|parachutes|parachuted|punts|punted|rafts|rafted|rickshaws|rickshawed|rockets|rocketed|skates|skated|skateboards|skateboarded|skis|skied|sleds|sledded|sledges|sledged|sleighs|sleighed|taxis|taxied|toboggans|tobogganed|trams|trammed|trolleys|trolleyed|yachts|yachted

For coextensions paths including motion verbs that are not vehicle names

alley|artery|avenue|boulevard|bridge|flyover|footpath|highway|lane|motorway|overpass|passage|passageway|path|pathway|pavement|railway|road|roadway|route|street|subway|thoroughfare|track|trail|tunnel|underpass|viaduct|walkway|way|beach|canyon|cliff|coast|coastline|crag|desert|escarpment|field|forest|glacier|glen|grassland|gulf|gully|hill|island|land|littoral|meadow|mountain|plateau|ravine|ridge|scarp|seashore|shore|valley|wasteland|wilderness|cable|conduit|conveyor|duct|horse|line|pipe|pipeline|tube|wire|barrage|barricade|barrier|dam|fence|hedge|hedge|hedgerow|palisade|rampart|wall|cruises|cruised|drives|drove|flies|flew|oars|oared|paddles|paddled|pedals|pedaled|rides|rode|rows|rowed|sails|sailed|tacks|tacked

For coextensions paths that depict the spatial entity of “road” with the verb “run”

road runs|ran

Implementation of corpus queries based on regular expression syntax provides for immediate replicability of this research.

4. Concordances

A listing of concordance lines retrieved from the BNC with the above queries follows. Queries are presented on **yellow background**. Results recognized as valid representations of coextension paths are marked with **green background**. Results recognized as coincidental matches are marked with **blue background**.

¹¹ For more information, see: Bernard, E., & Griffin, J. (2009). Understanding Lucene’s query syntax. In *Hibernate Search in Action* (pp. 202–214). Greenwich, CT: Manning.

Concordances retrieved from the British National Corpus (BNC)
 Available from Oxford University Computing Services at: <http://www.natcorp.ox.ac.uk>

For all the following queries SLOP FACTOR=0, PRESERVE ORDER=Yes

For coextensions paths including motion verbs that are vehicle names

artery|avenue|footpath|highway|lane|passage|path|pavement|road|route|street|thoroughfare|track|trail|tunnel|way|beach|canyon|cliff|coast|desert|field|forest|glacier|hill|island|land|mountain|plateau|ridge|valley|cable|line|pipe|pipeline|wire|dam|fence|hedge|wall
 balloons|ballooned|bicycles|bicycled|bikes|biked|boats|boated|bobsleds|bobsleded|buses|bused|cabs|cabbed|canoes|canoed|caravans|caravanned|chariots|charioted|coaches|coached|cycles|cycl|ed|dogsleds|dogsleded|ferries|ferried|gondolas|gondoled|helicopters|helicoptered|jeeps|jeeped|jets|jeted|kayaks|kayaked|mopeds|mopedded|motors|motored|motorbikes|motorbiked|motorcycles|motorcycled|parachutes|parachuted|punts|punted|rafts|rafted|ricksaws|ricksawed|rockets|rocketed|skates|skated|skateboards|skateboarded|skis|skied|sleds|sledded|sledges|sledged|sleighs|sle|ighed|taxis|taxied|toboggans|tobogganed|trams|trammed|trolleys|trolleyed|yachts|yachted

No.	left context	result	right context	BNC
1.	the idea for which probably came to him during a passing involvement with	cable trams	, Holroyd Smith built three experimental miniature lines in Halifax during	B09
2.	On east	coast boats	in the 1870s, Lewis hands got a fixed wage of L7 to L10 for a	B1N
3.	In the transportation	field, taxis	and the most basic commodity of all, fuel, are based on unit cost prices.	K9V
4.	The Bugis' prahus are a magnificent hybrid between the original	island boats	and the seventeenth-century Portuguese spice-trading galleons.	FEP
5.	Christina crawled behind one of the gaudily painted	island buses	for most of the journey, waving at several giggling little girls, their	FRS
6.		Island buses	leave from Vassiliki three times a day, travelling to Levkas town and Nidri.	G2B
7.	BRITISH Channel	Island Ferries	offer big savings from October.	CH1
8.	British Channel	Island Ferries	are extending their minicruise excursions to September 12.	CH5
9.	that most of these islands were populated and we often caught glimpses of	island ferries	plying industriously between lonely rockbound piers.	H0C
10.	Beneath a sultry sky, at four o'clock, the	island, boats	slipping past its flank, stirring with a casual Sunday crowd enjoying the	A04
11.	economies in defence spending with effects on British Aerospace and West	land Helicopters	, changes in orders for power stations with effects on Northern	G08
12.	Where even going on the boat, we went from Glasgow from Quay in one of the	Line boats	and erm it cost erm the cheapest fares were twenty seven pounds ten return.	GYW
13.	said my guide, you've seen about the finest thing in corridors and new main	line coaches	, so come and have a look at our new Watford locals — the best locals,	B2S
14.	Now, Kathmandu has discovered	mountain bikes	.	A3P
15.	I quickly found that	mountain bikes	don't particularly spare you the bumps.	A3P
16.	Mountain bike operators: Himalayan	Mountain Bikes	, located in the courtyard of the Kathmandu Guest House, runs trips all	A3P
17.		Mountain bikes	can be hired for \$8 a day from America Nepal Mountain Bike Rental,	A3P
18.	and road bike features making it perfectly suited for people who like	mountain bikes	but have no intention of going near a mountain.	A65
19.	Most of the people I went with took	mountain bikes	and they envied me the Pioneer as I sped along with far less effort that	A65
20.		Mountain bikes	don't have guards because if you're using them on wet and muddy terrain	A65
21.		Mountain bikes	are good.	A6T
22.	The Prince became fascinated and vanished from sight into the	mountain bikes	, and it was twenty-four minutes before anyone could extract him and move	A7H
23.	Guests have free use of the hotel's bicycles	mountain bikes	also availableand a 50% reduction on green fees at the new 6 hole golf	AMD
24.	available, and for those with an adventurous spirit and strong legs,	mountain bikes	can be hired as well as ordinary bikes.	AMD
25.	Cycling:	Mountain bikes	and ordinary bikes can be hired in Saalbach.	AMD
26.		Mountain Bikes	in the Countryside	ANP
27.	is one of the best ways of seeing and enjoying the countryside, and	mountain bikes	have proved to be the latest and most popular method of greentransport:	ANP
28.	find themselves diving out of the way on paths, escaping from runaway	mountain bikes	careering towards them on a mission to deposit their riders in a ditch.	AS3
29.	Part of the cause for derision is the accessories that go with	mountain bikes	.	AS3
30.	Like in the Trossachs, the	mountain bikes	leave their marks but I did not meet any.	B1N
31.	storms, and a useful test of the author's PPL/IR — and two folding	mountain bikes	.	BNV
32.	We had bought Rudge Biframe folding	mountain bikes	specifically to go in the back of the 172, and trips to the Norfolk	BNV

33.	5 PEUGEOT CYCLES	MOUNTAIN BIKES	INCLUDING CYCLE HELMETSTO BE WIN PLUS 50 RUNNERS UP PRIZES OF (BNX	
34.	A grand draw with	mountain bikes	as the main prizes is also planned.	C88
35.	They also robbed two schoolboys of their L250	mountain bikes	.	CBF
36.	transport follows sturdy, basic designs which reject the complexity of	mountain bikes	— and taking simplicity a stage further is the shaft-driven,	CGB
37.	Off-road routes for	mountain bikes	on the Isle of Weight have been outlined in a new series of guides, Byways	CHH
38.	Tennis courts, Italian bowling, archery and	mountain bikes	can be made available for a charge payable locally.	ECF
39.	It is ironic that an article about	mountain bikes	on Snowdon appeared in the same issue Mayas glorification of Ed Douglas's	ECH
40.	by professionals, stables where treks head for the hills, tennis courts,	mountain bikes	, and of course mile after mile of wonderful alpine scenery to walk or run	ED1
41.	Outdoor Adventure also hire out windsurfers, canoes, surfboards and	mountain bikes	.	G2S
42.	love this route, it's got a bit of everything, said Paul, who was renting	mountain bikes	to Vanessa and me.	G2S
43.	We hired	mountain bikes	from Dorchester Service Station, London Road, Dorchester.	G2S
44.	After lunch, families could join an organised hike from the hotel or get on	mountain bikes	for a visit to an Alpine dairy — the cows are pastured at high	G2T
45.	The latest move from the forces of oppression is to restrict	mountain bikes	to surface roads only in the New Forest where at least some of the riders	G30
46.	Our family	mountain bikes	top the lot — from just L89.95!	G35
47.	Both types were great value, and you loved our	mountain bikes	offer in April.	G35
48.	this week we're offering your family another chance to buy these brilliant	mountain bikes	— and at less than half the usual price for machines of this type.	G35
49.		Mountain bikes	need to be strong and sturdy — whether you use them in cities or for	G35
50.		Mountain Bikes		GXG
51.	It would seem an appropriate forum in which the issue of	mountain bikes	could be considered at a strategic policy level.	GXG
52.	It was interesting to compare the performance of my tourer bike and the	mountain bikes	we hired on these roads.	HPP
53.	RA POLICY ON	MOUNTAIN BIKES		HPP
54.	would not have the slightest attraction for the misbehaving minorityon	mountain bikes	— simply because the terrain is flat.	HPP
55.	Three and a half million	mountain bikes	have been sold in Britain over the past four years.	K1V
56.		Mountain bikes		K2D
57.	to choose attractive and colourful frames, which reflect the brightness of	mountain bikes	and skateboards.	K2U
58.	to choose attractive and colourful frames, which reflect the brightness of	mountain bikes	and skateboards.	K2W
59.	Raleigh Ireland have presented one of their new Activator II	mountain bikes	to the museum's transport gallery.	K32
60.	It included a GT Karakoram and Rayleigh Dina Tec	mountain bikes	valued at L430 and L400 respectively, each fitted with a bike	K47
61.	The youths, aged about 15, dressed in brightly shell suits were riding	mountain bikes	.	K4W
62.	Two	mountain bikes	worth L2,550 have been stolen from the garage of a house in Eglinton	K4W
63.	sneak thief walked into a house at Reid Terrace, Guisborough and stole two	mountain bikes	.	K4W
64.	The thieves' favourite remains	mountain bikes	, with many among those taken last week.	K54
65.	Two	mountain bikes	worth L335 have been stolen from Craig Street, Darlington.	K55
66.	Three	mountain bikes	worth a total of L670 were stolen from outside the Co-op in Fenby	K55
67.	There are few bikes especially	mountain bikes	that don't have Shimano gears or brakes.	K5F
68.	bobbies:Wirral bobbies Jeff Morrison and Adrian Powell have received free	mountain bikes	to help crime prevention in Rock Ferry and New Ferry.	K97
69.	what do they call these	mountain bikes	?	KBB
70.		Mountain bikes	aren't they?	KBB
71.	The	mountain bikes	.	KBB
72.	Yes, we go up on the Ridge most of the time because er we've all got	mountain bikes	; it makes it a bit more fun.	KRT
73.	I tell you what, if you get one of the earlier	mountain bikes	there made of five three one tubing which is lighter than what you've got,	KST
74.	POLICE have urged owners of	mountain cycles	to have their property post-coded following a spate of thefts over the	K54
75.	Two	mountain cycles	worth L150 and L190 were stolen from Clark's Yard,	K55
76.	had experience in the building of road vehicles, and their efforts resembled	road coaches	set upon a flat railway wagon.	B2S
77.	Camden, Broad Street, Curzon Street etc, whereas it was the rule that	road motors	came and went under their own power delivered and accepted by the drivers	B2S
78.	CHRIS ALLEN/Bristol	Street Motors		K1T
79.	sports machines to all rounders, custom bikes and dual purpose on/off road	trail bikes	.	HJ4
80.	Would you rather have them roaming the countryside on	trail bikes	or all-terrain vehicles?	HPP
81.	Alder	Valley buses	stop outside the Queens Head and there are regular buses including late	B03

For coextensions paths including motion verbs that are not vehicle names

artery|avenue|footpath|highway|lane|passage|path|pavement|road|route|street|thoroughfare|track|trail|tunnel|way|beach|canyon|cliff|coast|desert|field|forest|glacier|hill|island|land|mountain|plateau|ridge|valley|cable|line|pipe|pipeline|wire|dam|fence|hedge|wall cruises|cruised|drives|drove|flies|flew|oars|oared|paddles|paddled|pedals|pedaled|rides|rode|rows|rowed|sails|sailed|tacks|tacked

No.	left context	result	right context	BNC
14.	museum building, with her back turned on the plateau along which the	road cruised	towards distant Silcaster, the shallow, silver-green bowl of the book-jacket	H8L
1.	Mrs	Field rode	to hounds twice a week, and I had to prepare and lay out her clothes before	G39
2.		Forest drives	and pony trekking are also available.	AS7
3.	Enjoy the Forest Experience by taking one of the	Forest Drives	at Dalby or Newtondale.	B3K
4.	Hambleton Ramblers, Stan Everington leads a ten-mile walk taking in	forest rides	, field paths and open moors, Laskill pastures and Pockly Moor, meet Market	K4P
5.	The grubbing up of	Hedge Rows	is become general, and the Growth of Timber in them is therefore destroyed,	EER
6.	for exporting Corn and Beer, which gives every Farmer encouragement to grub	Hedge Rows	up, and convert them into Corn Land.	EER
7.	Moss-grown cottages retired before new ones with bright red tiles, picturesque	hedge rows	were succeeded by prim iron railings, and the village inn, once a pretty	FAG
8.	1511organises tours to less-visited islands, and will book Indonesian	island cruises	.	AK6
9.	months with diesel and electric haulage, under the title Pullman Scenic	Land Cruises	.	A11
10.	oudspeakers to some coaches, and the trains were entitled North Wales Radio	Land Cruises	.	EEV
11.	From then his family grazed cows on the	land, rode	motorbikes and stored goods there.	HXW
12.	1986 saw the sad end of the regular Fred Olsen	Line cruises	to Madeira and the Canary Islands.	CA7
13.	pressure for rapid development and reproductive maturation in the control	line flies	with which the oldlines were compared, potentially leading to artefactual	CRM
15.	Iago Trekking Centre in Dyfed runs two-day L95and three-day L135	trail rides	in the remote foothills of the Welsh Cambrian Mountains.	FBL
16.	The White Horse Trekking Centre in Wiltshire runs two-day summer	trail rides	on Salisbury Plain and in the surrounding forests.	FBL
17.	Some, like the Castle Riding Centre Tel: 0546 3274tune their	trail rides	to suit your pocket: the main ones use hotels, with others you stay at the	KS9
18.	Similarly the Trans-Wales	Trail Rides	, based on Cymfforest Riding Centre, Brecon Tel: 0874 711398include not only	KS9
19.	Either way	trail rides	immerse you totally in the scenery: in Argyll it's the sight of a lone red	KS9
20.	But	trail rides	also mean facing long climbs, often dismounting and walking, aching limbs at	KS9
21.		Trail rides	: From around L250 for an extended weekend break four daysto include	KS9
22.	N. You learnt	wall rides	there?	ARM
23.	P. At South Bank I learnt	wall rides	, yeah.	ARM
24.	One man who had got himself clear in that	way drove	in his own carriage by the very commissioners to whom he had but lately	BPH
25.	Six years of bringing up Charlotte and Luke with chicken	wire tacked	across inside their bedroom window, and a security system worthy of Alcatraz	CMJ
26.	hired their own helicopter, landed in the local village, repossessed their	wire, flew	it back in and re-erected it.	A6T

For coextensions paths that depict the spatial entity of "road" with the verb "run"

road runs|ran

No.	left context	result	right context	BNC
1.	The	road ran	straight across the desert for twenty miles.	AMU
2.	The	road ran	along the valley between them, where boulders had settled.	AT3
3.	of Killiecrankie, about midway between Pitlochry and Blair Castle, where the	road ran	through a narrow valley beside a deep gorge.	BNB
4.	The main Derby — Chesterfield	road ran	along the other flank and this was fenced off with rabbit-proof wire netting and	BNY
5.	The old coast	road ran	parallel to the shoreline.	C86
6.	That apart, Whitechapel Road and Mile End	Road ran	into open fields, and the ancient parish church, St Dunstan's, was in an	CBJ
7.	The paved	road ran	between wide grass verges where two tethered cows and four goats grazed.	CMP
8.	From the Prince's headquarters a	road ran	eastwards through Nivelles to meet the Charleroi highway at an unnamed	CMP
9.	The	road ran	through seemingly interminable pine forests with little to encourage us to stop	CRJ
10.	The	road ran	on into the desert alone, no longer accompanied by the railway line or the	FEM
11.	The only traffic-bearing	road ran	between the houses and the waterfront.	FPF

12.	Beyond the pine trees the	road ran	, desolate and haunted black.	GUM
13.	A small	road ran	across the bridge, through the fields and over a hill.	GV3
14.	The	road ran	straight ahead of us until it disappeared in the mist, except that at the man's	GV6
15.	The old	road ran	straight on along the gorge edge.	GV6
16.	Round the bend ahead the	road ran	fairly straight, a narrow ledge cut out of the mountainside.	GV6
17.	Orderley would be hidden from view by the spur of hillside around which the	road ran	.	HHH
18.	For the next twenty miles the	road ran	beside the restrained waters of the Danube.	HTJ
19.	The	road ran	straight ahead, the telegraph poles passing at regular intervals to the right. .	HTT
20.	The wall ended in a hedge and an orchard and then the	road ran	along into fields and the countryside proper.	J54
21.	The little towns through which the	road runs	may once have been important, but are now picturesque backwaters.	AE8
22.	A	road runs	in front of the farm, its tracks worn deep into the ground.	ARB
23.	Along this	road runs	the Wolverton and Stony Stratford Steam Tramway, the lines of which terminate	B2S
24.	Another	road runs	south, through the oilfields, and is constantly being extended into virgin	B76
25.	A new	road runs	along the west coast, so the beaches are no longer deserted, and litter of all	CK2
26.	A	road runs	the length of Spurn Head from the Observatory to the Point and soon the small	F9H
27.	South from Arreau the main	road runs	along the wide valley of the Neste d'Aure to the resort town of	FA2
28.	The	road runs	like a grey ribbon between verges full of tall grasses, cow-parsley and	FAG
29.	Just because a	road runs	past a group of Bronze Age burial mounds does not mean that it is prehistoric.	FAG
30.	Bridge	Road runs	into Medway Road and thus all traffic, in particular any heavy goods vehicles	FCR
31.	From Seedorf the	road runs	round the south-west corner of Lake Uri to Isleten, continuing from there along	FTU
32.	From Schupfheim a spectacular minor	road runs	south for 17km 101 miles following the Forest Emme Waldemmeas this	FTU
33.	We've simply walked across the Wolfwood and come out where another	road runs	through it,said Floy.	G1L
34.	And I added, There's a minor	road runs	up over the cordillera via San Miguel and Llata to Hualgayoc where you can turn	GV6
35.	This minor	road runs	parallel to the Union Canal which it crosses by a narrow humped back bridge.	GXJ
36.	One long straight	road runs	like a main vein down the arm of Grand Isle.	HH0
37.	It is noteworthy that the line of the Great North	Road runs	near where many of these rivers ceased to be navigable, and many towns on the	HWG
38.	After a while the	road ran	out and there was nothing in the bleak landscape but loose boulders, rocks, yaks	ASJ
39.	Then the	road ran	out altogether and the floor tilted sharply downwards beneath them.	CJA
40.	That	road ran	out of money, and only small sections remain.	G33
41.	Politically, the	road ran	via numerous conflicts — the Hundred Years' War, the English Civil War,	CL6
42.	Then, like hope, energy or money, the	road runs	out just when you need it.	G1Y

COST TIMELY Research Report No. 02/2014. University of Lodz, Institute of English Studies, ul. Pomorska 171/173, 90-236 Łódź, Poland. 1 This report has been carried out within COST Action TD0904 "Time In Mental Activity (TIMELY)" and supported with Polish National Science Centre grant No. 2011/01/M/HS2/03042 "Perception of Time as a Linguistic Category". 2 It was already pointed out by Aristotle in Physics (350BC) that all motion takes place in space and time: space is the potentiality, and time is the measure of motion. Corpus (COST TIMELY Research Report No. 02/2013). Lodz: University of Lodz. Retrieved from <http://anglistyka.uni.lodz.pl/userfiles/timely/BNC-MotionFramedDistance.pdf>. 1. 2. Methodology.