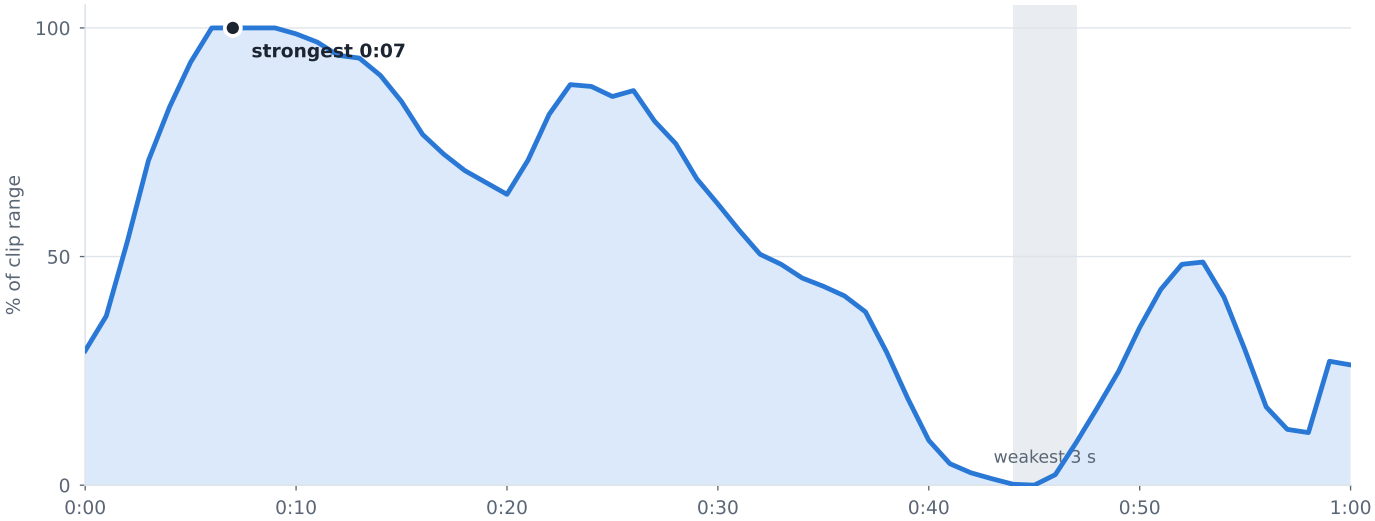
VIDEO REPORT

REI: #OptOutside: Will You Go Out With Me?

STRONGEST SECOND	FALL OF 20% OR MORE	WEAKEST 3 SECONDS	AVERAGE LEVEL
0:07	**none**	**0:44 to 0:47**	**53%**
after the first three seconds	in any 3-second window	lowest stretch of the curve	of this clip's own range

Predicted response across the video

Each point is one second. The scale is this clip's own range: 0 is its lowest second, 100 its highest.



What the model predicts

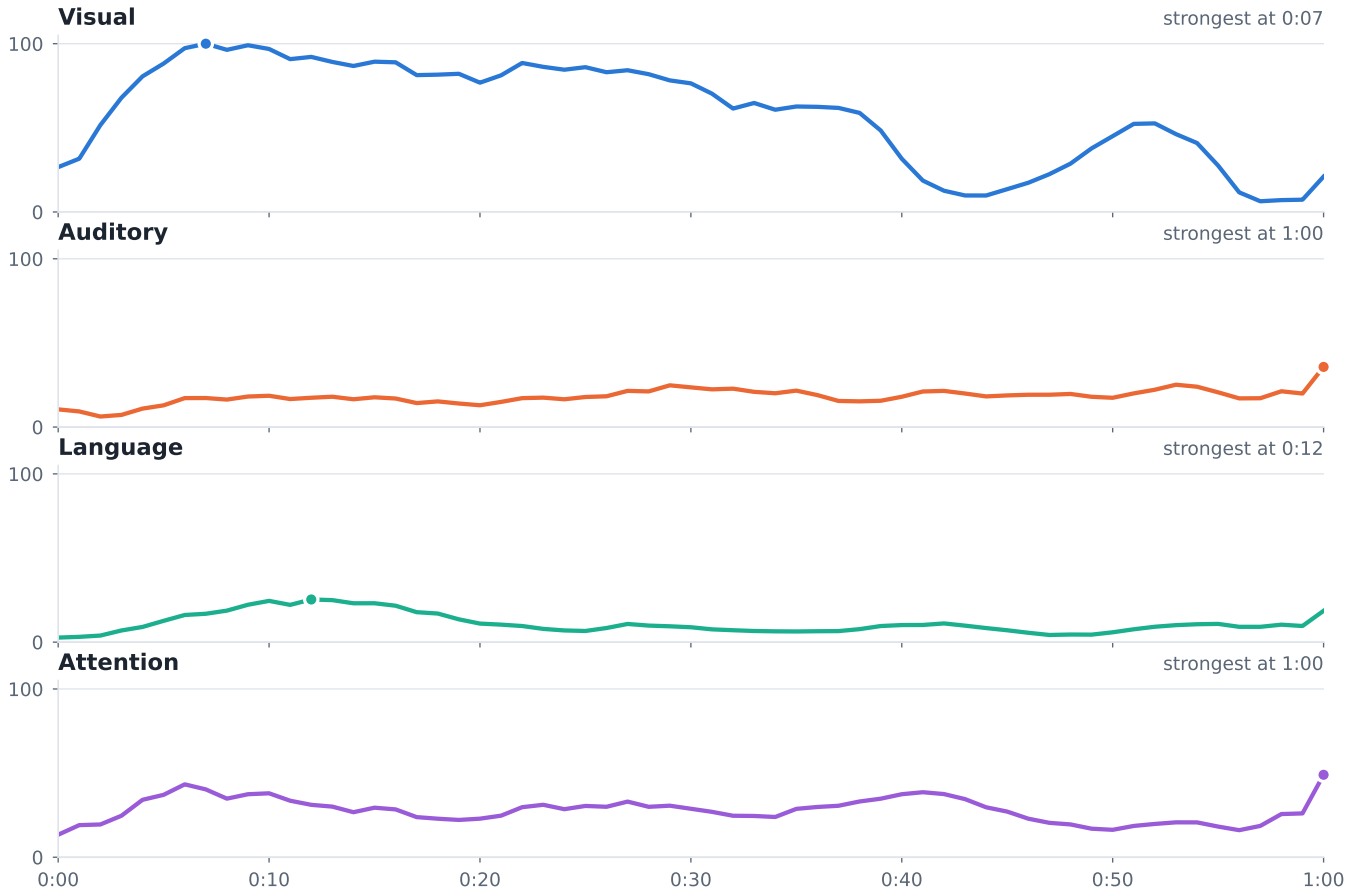
- After the first three seconds, the predicted brain response peaks at 0:07, no 3-second window loses 20% or more of the predicted response from an above-average moment, and the weakest 3-second stretch is 0:44 to 0:47.
- Across the clip the predicted response averages 53% of this clip's own range.
- The visual network has the highest predicted response for 80% of the clip, the attention network for 18%.
- Speech is present in 5% of the seconds; the words are set against the curve on the later pages.

In this report

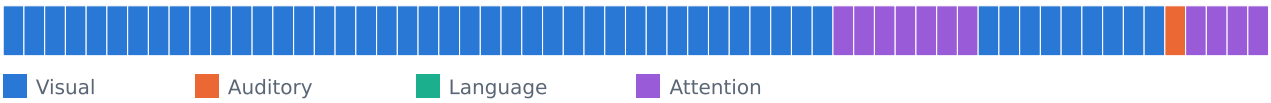
Brain networks: which of the four networks leads, and when
Key moments: the seconds worth a close look, with the frame and the words
Every second: level, leading network, most active regions and words
How to read this report: what each number is and what it is not

Brain networks

The model's cortical prediction is summarised as four networks. Each panel is scaled to that network's own range within this clip, so compare the shape and the timing of the panels, not their heights.



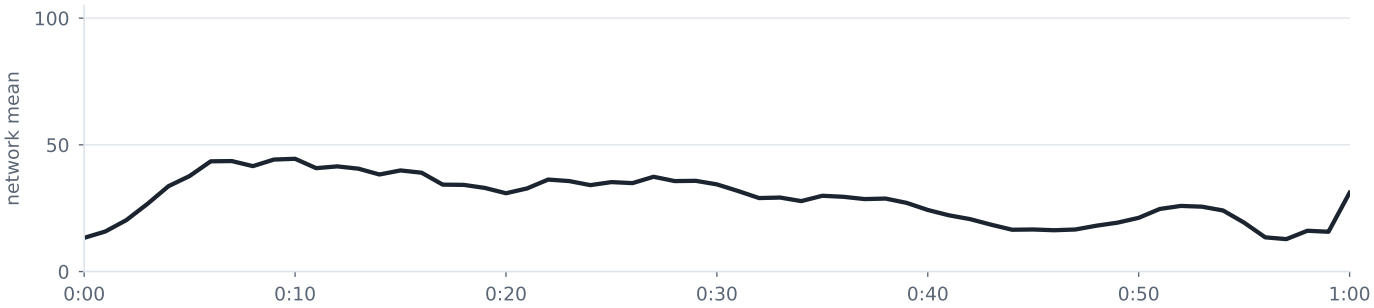
Leading network, second by second



NETWORK	LEADS FOR	SHARE OF THE CLIP	ITS STRONGEST SECOND
Visual	49 s	80%	0:07
Attention	11 s	18%	1:00
Auditory	1 s	2%	1:00
Language	0 s	0%	0:12

Mean of the four networks

This is the one series a percentage change is taken on, because it is not stretched to fill the chart. A fall is reported only when it starts at or above the clip average and loses 20% or more within three seconds.



Key moments

The seconds that define this video's predicted response. Levels are on the clip's own 0 to 100 range.

0:00 Opening

29 of 100

Leading network	Visual
System	Scene & place recognition
Regions	Ventro-medial visual (scene); Higher visual: color + face/object patches

“One, two, one, two, three, four.”

0:07 Strongest second

100 of 100

Leading network	Visual
System	Early visual cortex
Regions	Upper visual field area; Dorsal visual V3B

0:23 Local high

88 of 100

Leading network	Visual
System	Early visual cortex
Regions	Upper visual field area; Ventro-medial visual (scene)

0:26 Local high

86 of 100

Leading network	Visual
System	Scene & place recognition
Regions	Ventro-medial visual (scene); Higher visual: color + face/object patches

0:44 Weakest 3 s begin

0 of 100

Leading network	Attention
System	Salience / control
Regions	Dorsolateral prefrontal (working memory); Spatial attention

1:00 Final second

26 of 100

Leading network	Attention
System	Salience / control
Regions	Anterior cingulate (monitoring); Cingulate (control)

“All I'm doing Is going out with you Won't you please Please go out with me for watching!”

Every second

One row per second. Level is the position on the clip's own 0 to 100 range. The strongest second is marked with a dot; rows inside the steepest fall are tinted. Words are listed at the second their line starts.

TIME	LEVEL	NETWORK	MOST ACTIVE REGIONS	WORDS	CONFID.
0:00	29	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches	*One, two, one, two, three, four.*	medium
0:01	37	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:02	53	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:03	71	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:04	83	Visual	Ventro-medial visual (scene); Upper visual field area		medium
0:05	92	Visual	Ventro-medial visual (scene); Upper visual field area		medium
0:06	100	Visual	Upper visual field area; Dorsal visual V3B		medium
0:07	100 ●	Visual	Upper visual field area; Dorsal visual V3B		medium
0:08	100	Visual	Upper visual field area; Motion-related		medium
0:09	100	Visual	Upper visual field area; Dorsal visual V3B		medium
0:10	99	Visual	Upper visual field area; Dorsal visual V3A		medium
0:11	97	Visual	Upper visual field area; Motion-related		medium
0:12	94	Visual	Motion-related; Upper visual field area		medium
0:13	93	Visual	Motion-related; Higher visual: color + face/object patches		medium
0:14	90	Visual	Higher visual: color + face/object patches; Ventro-medial visual (scene)		medium
0:15	84	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:16	77	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:17	72	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:18	69	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:19	66	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:20	64	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:21	71	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:22	81	Visual	Ventro-medial visual (scene); Upper visual field area		medium
0:23	88	Visual	Upper visual field area; Ventro-medial visual (scene)		medium
0:24	87	Visual	Ventro-medial visual (scene); Upper visual field area		medium
0:25	85	Visual	Upper visual field area; Ventro-medial visual (scene)		medium
0:26	86	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:27	80	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:28	75	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:29	67	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium

Every second (continued)

TIME	LEVEL	NETWORK	MOST ACTIVE REGIONS	WORDS	CONFID.
0:30	62	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:31	56	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches	*in the sunlight The little wheel will run And we'll reach it every day While all the pain*	medium
0:32	50	Visual	Ventro-medial visual (scene); Anterior superior-temporal auditory		medium
0:33	48	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:34	45	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:35	44	Visual	Higher visual: color + face/object patches; Ventro-medial visual (scene)		medium
0:36	41	Visual	Higher visual: color + face/object patches; Ventro-medial visual (scene)		medium
0:37	38	Visual	Higher visual: color + face/object patches; Ventro-medial visual (scene)		medium
0:38	29	Visual	Higher visual: color + face/object patches; Upper visual field area		medium
0:39	19	Visual	Temporo-occipital visual (objects); Upper visual field area		medium
0:40	10	Attention	Medial intraparietal (reach planning); Temporo-occipital visual (objects)		lower
0:41	5	Attention	Medial intraparietal (reach planning); Intraparietal (attention)		lower
0:42	3	Attention	Dorsolateral prefrontal (working memory); Intraparietal (attention)		lower
0:43	1	Attention	Dorsolateral prefrontal (working memory); Spatial attention		lower
0:44	0	Attention	Dorsolateral prefrontal (working memory); Spatial attention		lower
0:45	0	Attention	Ventro-medial visual (scene); Dorsal premotor (action prep)		medium
0:46	2	Attention	Ventro-medial visual (scene); Upper visual field area		medium
0:47	9	Visual	Ventro-medial visual (scene); Upper visual field area	*All I'm doing Is going out with you Won't you please Please go out with me for watching!*	medium
0:48	17	Visual	Ventro-medial visual (scene); Upper visual field area		medium
0:49	25	Visual	Ventro-medial visual (scene); Higher visual: color + face/object patches		medium
0:50	34	Visual	Higher visual: color + face/object patches; Ventro-medial visual (scene)		medium
0:51	43	Visual	Higher visual: color + face/object patches; Ventro-medial visual (scene)		medium
0:52	48	Visual	Ventro-medial visual (scene); Anterior superior-temporal auditory		medium
0:53	49	Visual	Ventro-medial visual (scene); Anterior superior-temporal auditory		medium
0:54	41	Visual	Ventro-medial visual (scene); Anterior superior-temporal auditory		medium
0:55	30	Visual	Ventro-medial visual (scene); Anterior superior-temporal auditory		medium
0:56	17	Auditory	Anterior superior-temporal auditory; Ventro-medial visual (scene)		lower
0:57	12	Attention	Anterior cingulate (monitoring); Frontal operculum (salience)		lower

Every second (continued)

TIME	LEVEL	NETWORK	MOST ACTIVE REGIONS	WORDS	CONFID.
0:58	12	Attention	Anterior cingulate (monitoring); Frontal operculum (salience)		lower
0:59	27	Attention	Frontal operculum (salience); Anterior cingulate (monitoring)		lower
1:00	26	Attention	Anterior cingulate (monitoring); Cingulate (control)		lower

The words against the curve

Each spoken line with the average predicted level while it is said (clip range, 0 to 100). The clip average is 53; the tick on each bar marks it.

0:00	40	One, two, one, two, three, four.
0:31	44	in the sunlight The little wheel will run And we'll reach it every day While all the pain
0:47	28	All I'm doing Is going out with you Won't you please Please go out with me for watching!

How to read this report

What the model is

v2neuro is a brain-encoding model. It was trained on fMRI recordings of people watching video, and for a new video it predicts the response of the cortex, one value per second, from the picture, the sound and the words. Nobody watched your video for this report.

Strongest second

The second with the highest predicted response, leaving aside the first three seconds. The cortex responds to any clip starting, so the opening would win on most videos and say nothing about yours.

Level, and "of this clip's own range"

Charts and bars use a 0 to 100 scale stretched to this clip: 0 is its lowest second and 100 its highest. It shows where a second sits inside this video. It cannot be compared between two videos, and a difference between two levels is not a percentage change.

Steepest fall

The largest fall within three seconds, as a true percentage of the level it falls from, taken on the mean of the four networks without stretching. It is reported only when it starts at or above the clip average and reaches 20%. When no window qualifies the report states no percentage.

Weakest stretch

The three consecutive seconds with the lowest average level (on a clip under 15 seconds, a fifth of its length, at least one second), never the strongest second itself. Every video has one; it is the place to look first, not a fault by itself.

Networks, systems and regions

The four networks (visual, auditory, language, attention) group the cortical surface. The leading network is the one with the highest value in that second, each on its own range. Regions are the atlas areas with the highest predicted response in that second.

Confidence

Higher, medium or lower says how well the model has been shown to predict the regions that lead in that second, and how typical the second is for it. It is a guide to how much weight a row can carry.

What this is not

These are predictions of an average cortical response. They are not a measurement of your viewers and they do not forecast views, watch time or sales. On recordings held out from training, the model's predictions correlate with the measured response at about r = 0.27 for material like its training set and about r = 0.12 for very different films. The useful test is your own data: compare these moments with the numbers you already have.

neuro-viral

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