

443 **A Plaid framework details**

444 We perform all forward and backward computations in double precision except for the Transformer
445 layers themselves, which happen in `bf16` mixed precision. This comes at a negligible extra cost
446 since the Transformer layers dominate the overall cost.

447 **Architecture choices** We condition $\hat{x}_\theta(z_t)$ on the timestep t by adding a sinusoidal encoding of t
448 to the Transformer’s residual stream before the first layer. Before feeding z_t into the Transformer, we
449 rescale it by a factor of $\sqrt{1 + \sigma^2(t)}$ which makes each input dimension approximately unit-variance.
450 Whereas autoregressive Transformers are relatively insensitive to aspect ratio [15], we find that Plaid
451 performance increases significantly with Transformer depth up to about 16 layers. We also find that
452 performance is sensitive to the choice of embedding dimension, with small values performing best.
453 In all experiments, we use embedding dimension 16.

454 **Stochastic sequence length** Unlike autoregressive models, diffusion language models can only
455 operate on sequences of exactly the same length as those seen during training. To enable our model
456 to generalize to shorter sequence lengths, we truncate a small random subset of examples seen
457 during training to random lengths. We observe that truncating even 3% of examples allows the
458 model to generalize well across lengths without impacting full-length performance. Short-sequence
459 performance does not improve substantially as we increase the number of truncated examples.

460 **B VLB and heuristic weight schedules**

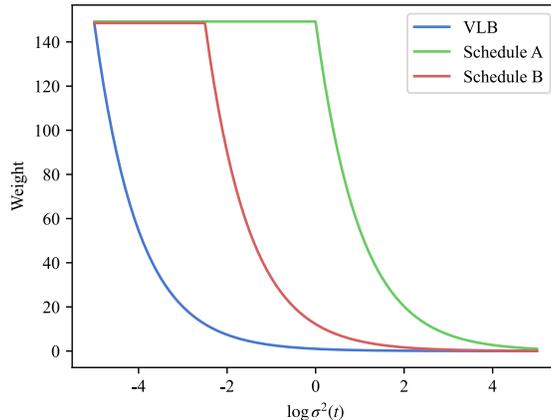


Figure 3: VLB weight schedule and heuristic weight schedules used in ablation experiments.

461 C Experiment details

462 C.1 Dataset

463 Unless otherwise noted, all models in this work are trained on a subset of OpenWebText2 [7] which
464 we filter to remove documents labeled as non-English. The data is tokenized using a 32K-token BPE
465 tokenizer which we train on the OpenWebText2 training split.

466 C.2 Architecture

467 We use standard pre-activation Transformers models with RMSNorm normalization layers and GeLU
468 nonlinearities throughout. Unless otherwise noted, all Plaid models have 16 Transformer layers,
469 which we found to be approximately optimal for our scale. We scale autoregressive model depth
470 approximately following [20]. For efficiency, our implementation uses FlashAttention [4] and other
471 fused kernels wherever applicable. We train at sequence length 256 for all experiments except Plaid
472 1B.

473 C.3 Optimization

474 We optimize all models using AdamW with parameter-specific learning rates derived by μ Transfer
475 [34] based on a learning rate of 1.4×10^{-3} at width 256. Each parameter’s weight decay is set to
476 $\frac{4 \times 10^{-5}}{\eta}$ where η is that parameter’s learning rate. We use a linear warmup on the learning rate and
477 weight decay over the first 2500 steps, followed by a linear decay to zero over training. We train at
478 batch size 256 for algorithm ablations and 128 for scaling law experiments.

479 C.4 Plaid 1B Training

480 We increase the base μ Transfer learning rate to 2×10^{-3} (at width 256). The denoiser network is a
481 Transformer with 24 layers of width 2048 and a vocabulary size of 32K tokens, for a total of 1.3B
482 parameters. We train for 1.2M steps at batch size 256 and sequence length 1024, for a total of 314B
483 tokens. All other details are as written above.

484 D IsoFLOP profiles

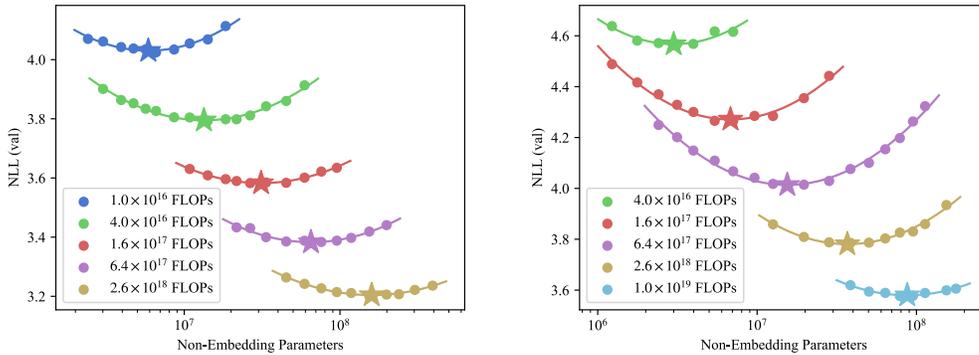


Figure 4: IsoFLOP profiles for autoregressive models (left) and diffusion models (right).

485 **E Plaid 1B Random Samples**

486 **E.1 Unconditional**

487 tends to create a ripple effect in the economy, and economist Kevin Milligan said it's probably a
488 testament to how worn-down the economy and consumers are, particularly at the low end.\n\n'It's probably due to things
489 like investment slowing in the natural resource sector, weakness in stock buybacks in the corporate sector,
490 corporatism. And, of course, (we) have to look at things about what the Bank of Canada is doing, the uncertainty on
491 the horizon in terms of trade, and the exchange rate, and all of these things tend to pull down the economy,
492 particularly the low end.'" Tweet This\n\n'I think the economy in general has been feeling the squeeze of low credit
493 rates, (and) especially low mortgage rates,'" he said.\n\nStory continues below advertisement\n\n'It's difficult to be
494 selling at rates well below their 10-year average, so I think those effects do come back into the economy as well, and
495 I'd wonder if it's pulling down consumption and investment activity.'" \n\nConsumers and businesses are really looking
496 for more and more type of stimulus action not just from the Bank of Canada, but from the federal government too, he
497 added.\n\nHe said they're not getting a message from Canadians about the state of the economy and he thinks many
498 people are wondering if they did get that message from Prime Minister Justin Trudeau in December.\n\n'I'd be happy for
499 people to hear a message, and that has to come through,'" he said.\n\nDespite the second interest rate hike, Milligan
500 said there's reason to think the odds of an interest rate hike have risen from about one-third to about two-thirds in
501 the first part of next year.\n\n'I would, on balance, expect a sustained number of rate hikes - even a third hike.'"
502 Tweet This\n\nHe said those predictions are becoming more consistent as well, with a reported saying from economist
503 Chew Ross this week that most economists consider a fourth rate hike a "near certainty" for 2019.\n\nMilligan said
504 he's optimistic about the economy in Canada.\n\n'I think we're probably in the middle of seeing a strong bottom and
505 picking back up on a strong GDP, and we're very much into this directional trend for the economy now that we see.'"
506 Tweet This\n\nStory continues below advertisement\n\n'I think we're on track for a run of three straight years of
507 zero- to one-per cent of GDP growth, which would be quite strong. And we're not quite back at an extended
508 bottom.\n\nBut I think we were probably hitting close to bottom in the recession in 2009, and we're clearly in that
509 situation. So at some point, you want to move up, and of course, one reason would be another surge in the
510 economy.'" \n\nAsked if the possibility of a fourth rate hike in 2019 could help business sentiment going into the
511 federal election, Milligan said heightened expectations are always a good thing.\n\nHe also said there's more
512 opportunity for the Bank of Canada to announce some form of monetary policy stimulus following the second interest
513 rate hike at its next policy meeting, and financial markets around the world would likely rise in response to such a
514 move.\n\nStory continues below advertisement\n\nBut if they've absorbed the downside of those rate hikes in other
515 ways, I'm not convinced that they are their biggest concern in terms of their intentions.'" \n\nWith files from
516 Bloomberg<\n\nA man has been arrested for allegedly crashing into a group of three children walking
517 close to Ariana Grande from London's Electric 6 Club.\n\nThe three three-year-olds and their father were walking to
518 the singer's home from London's Shelter Art after the show when they came across a black sports car driving at about
519 85 mph.\n\nThe unidentified man, who is believed to be the driver of the 'sorry', passed them about 15 or 20 metres
520 suddenly and one child was caught up in a collision at the rear, the Metropolitan Police said.\n\nThe girl was not hit
521 by the car, the Evening Standard reports.\n\nThe driver, arrested on suspicion of driving while working and driving
522 recklessly, has been released on court bail without further comment.\n\nFollowing the incident, the girl was rushed to
523 hospital with an urgent call for coronary coronary arrest due to severe shock. The child's parents expressed their
524 shock at the "serious" incident, Sky News reports.\n\nJUST IN: 'The Queen was targeted': UK Police offer exact timings
525 for 'targeting' terror attack on the Royal Family <https://t.co/gCJaJnaAi> - Breitbart London
526 (@BreitbartLondon) February 13, 2019\n\nResponding to the incident, Ariana Grande tweeted:\n\nWas to @mete show
527 in #London last night! We will not forget those in the early
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- 530 +147402] Gibdobber (19.55) [157000+148691] Arch-Princess (19.53) [157000+147720] Snow White (19.42)
531 [157000+147790] Magdalene (19.41) [157000+148447] Corrin (18.93) [157000+148068] Pinocchio (18.92)
532 [157000+148396] Ayya (18.85) [157000+148384] Alaina (18.84) [157000+148384] Olaf (17.76) [157000+148791] Chu (17.72)
533 [157000+148493] Robin (17.62) [157000+147823] Papyrus (17.64) [157000+148396] Elsa (17.64) [157000+148384] Geralt
534 (16.48) [157000+148659] Marie (16.52) [157000+148659] Anna (16.52) [157000+148597] Leon (16.52) [157000+148697] Paul
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537 [157000+148592] Papyrus (15.72) [157000+148596] Arch-Maid (15.72) [157000+148069] Belldobber (15.66)
538 [157000+148396] Corrin (15.64) [157000+148591] Helena (15.60) [157000+148397] Hazel (15.57) [157000+148594] Alva
539 (15.56) [157000+148653] Olaf (15.53) [157000+148149] Anna (15.53) [157000+148597] Hans (14.49)
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542 [157000+148437] Richard (13.36) [157000+148575] Geralt (13.35) [157000+148144] Reg (13.34) [157000+148256] Arthur
543 (13.33) [157000+148659] Papyrus (13.27) [157000+148697] Arthur (13.24) [157000+148109] Peter (13.24)
544 [157000+148597] Chu (13.17) [157000+14785] Marie (13.08) [157000+148659] Anna (13.08) [157000+148659] Paul (13.07)
545 [157000+148657] Magdalene (13.07) [157000+147780] Geralt (13.07) [157000+147780] Olaf (13.06) [157000+148255] Reg
546 (13.05) [157000+148255] Richard (13.04) [157000+148255] Arch-Princess (13.02) [157000+148596] Aurora (13.02)
547 [157000+148596] Heinrich (13.01) Perraman (12.82) [157000+148696] Hans (12.70) [157000+148349] Papyrus (

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550 , and occasionally some of our recommendations may have changed. With that said, if you choose to buy something using
551 the retail links included in this post, Altdica may earn a small commission. However, all of our product reviews are
552 written by independent experts with no relevant agenda to consideration.<\n\nThis is about the
553 people," said lead attorney Steven Holstein, a Philadelphia lawyer who represented the company targeted by the state
554 robbery task force in the case. "When some nut across the state has the ability to write a constitutional amendment
555 and rewrite a constitutional amendment in a way that makes it antithetical to the state of Pennsylvania, and say they
556 are against it ... then it doesn't really matter what the people of Pennsylvania want."<\n\nPolice
557 officers were paid an extra £425 for each working hour in 2019, despite many of the people involved in the
558 high-profile Windhouse scandal being involved in front-line duties, a service review has revealed.\n\nThe total pay
559 paid in 2019 was a minimum of £42,487, while officers earned a maximum of £38,254 - with an average hourly pay
560 increase of £2.46 per hour.\n\nThe salaries amount to an average hourly pay rise of more than £5 between June 2018
561 and June 2019.\n\nFinancing of officers' services rose by 7% in the past year over the previous year, the report by
562 the Association of National Police Officers (ANPO) revealed. Investment in non-police trusts rose by 17% in the same
563 period.\n\nANPO chief executive Brian Kirk said: "Police officers rightly want to be rewarded for their service, so
564 they do not have to choose between keeping communities safe and delivering good policing.\n\nThis extra pay enables
565 police officers to consider new career opportunities, provide support to those most in need and promote social
566 inclusion." \n\nThe Scottish Government said in 2017 the police service had more than 23,000 officers, a third of whom
567 were front-line.\n\nThe current pay structure was introduced in the late 1990s to compensate officers in frontline
568 commands with high crime rates.\n\nScottish Labour Shadow Justice secretary Michael Russell said the fact officers
569 were getting paid adequately showed "something urgently needs to be done".\n\nHe said: "It's completely bonkers that
570 taxpayers would expect to cough up an extra £425 per hour for a police officer's shift, especially when frontline
571 staff like health workers, social services, fire and ambulance continue to face regular annual cuts.\n\nI can hardly
572 believe ministers continue to grant hugely lucrative contracts, while freezing its core wages, to a health service
573 which is already struggling as a result of huge budget cuts, and which the SNP has consistently opened up as a no-go

574 zone over the last four years.\n\nWhy have ministers allowed higher officer salaries in the police while they have
575 delivered a decade of devastating budget cuts to the NHS?\n\nScottish Liberal Democrat leader Willie Rennie
576 said: "It is notable that there has been a significant improvement to current pay arrangements in relation to cover
577 officer roles.\n\nHowever, any rise in pay for the workforce would also need to be brought in line with the huge
578 cuts we have already seen in frontline services.\n\nThe Scottish Government showed how they last week awarded
579 zero-cost contracts for labour companies without even looking at what the work cost, and the clear message is that
580 they are keen on making frontline organisations look more modest rather than worrying about budget cuts.\n\nThere
581 will be more of the usual bonuses coming before the Government shows how finance and good colleagues will be putting
582 a concerted effort together to find some resources to offset some of these increased costs, instead of deciding the
583 way to save the workforce is a cutters field.\n\nNicola Rowland, the general secretary of the RNQ, said: "Front line
584 firefighters and police officers are asked to endure some of the most distressing things on a daily basis.\n\nThe
585 average police officer pay rose to £43,085 in 2019, after a two-year increase, the ANPO said.\n\nThe rise in law
586 enforcement is seen to have been caused by an ageing population and the overseas population and the deepening of
587 recent job cuts in the Scottish public sector.<endof>PASADENA, Calif. (KABC) -- A 17-month-old girl
588 has been returned to the Potnora Police Department Monday afternoon. She was taken from a home in the 3400 block of
589 Ponderosa Avenue near Fairfax Boulevard and Lelgar Street.Police say it is believed that the child, who is staying
590 with her family, was taken from her home between July 20 to July 22.Forensic testing will likely be performed later
591 this week.<endof>It was an odd fun fact that made many left-wing activists vehemently oppose the
592 nomination of Brett Kavanaugh to the U.S. Supreme Court. On his yearbook page was a subnote entitled "Don't Let Them
593 F***** Your Body Forever," a reference to the oral contrace
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596 of carbon emissions needed to meet the 2 degree Celsius target set forth in the last assessment of the
597 Intergovernmental Panel on Climate Change (IPCC) in 2013. New research rolled out at an annual scientist meeting finds
598 that the industry will need to recover between 4,000 and 10,000 tons every year of fracked and produced oil and gas
599 fossil reserves in order to do that, according to an analysis done by lead author Dr. Ernesto Monteiro of the
600 University of Alberta in Canada.\n\nThe eye-watering figure represents the total amount of oil and gas - shale and
601 natural gas produced, extracted and sold - will likely need to be recovered in coming years to meet the carbon
602 mitigation goals. The amount where between 4,000 and 10,000 metric tons of reserves for every 10 metric tons of carbon
603 dioxide they displaced.\n\nThe benefits of carbon capture increase with the amount being injected," Monteiro wrote in
604 an article accepted to publish in the Proceedings of the National Academy of Sciences which DeSmog obtained last
605 week.\n\nWhile the theoretical ability to limit 2 C warming with fossil fuel carbon budgets is obvious, such action is
606 not taken by the oil and gas industry. Industry groups led by RRC openly seek to capture 38 million tons of carbon
607 dioxide emissions annually from operating reserves and transfer a portion of that back to the oil industry as
608 revenues. "Comparing natural gas reserves under production with proven oil reserves remaining reveals one potential
609 implication, which is the additional natural gas production that would be required to fully satisfy the 2100 oil
610 supply balance," the paper explained. By Monteiro's estimates, natural gas production will grow by the equivalent of
611 about 4 Gb per year by 2100, while at the same time oil production will decline at about 1 Gb per year, or a total of
612 2.66 Gb per year in balance. If all the resources at hand could be extracted, of which no amount is available at all
613 times, it would be practical to use all of that fossil fuel along with existing operating wells. But as natural gas
614 production rises, new wells could replace declining oil production with an equivalent number of fossil fuels to
615 reserves.\n\nCarbon reductions at any level involve "costs" - additional expenditures that necessarily arise from oil
616 and gas extraction and associated energy production, including physical production, liquefaction capability, handling
617 and shipping fees. The research found oil and gas companies bid to recover as much natural gas as possible at all
618 early stages of exploration and production. Natural gas, while more profitable, is much riskier than coal. The paper
619 explains: "Extracting and producing natural gas exploits the time, location and physical composition of the fossil
620 record. Each well represents a different geological formation with different natural gas characteristics. These
621 characteristics mean that the amount of natural gas recovered from a well is not determinative of the productivity of
622 the well from which it is extracted. Reference reserves provide an indication of the natural gas resources that may
623 exist in different shale formations and the potential of these resources based on past and future discoveries." \n\nThe
624 only kind of geomorphological formation that can be considered very promising for oil and gas production are mesopolar
625 formations, those within one mile from surface to three miles below ground. Mesopolar formations are generally
626 regarded as more inflexible than permafrost or acid shale formations, less stable than other subsurface formations or
627 fracked tight rock, more susceptible to seepage, and more susceptible to oil production costs. For these reasons, the
628 reserve estimate put out at the annual meeting does not consider natural gas production to be an economic viability
629 from existing mesopoint formations.\n\nThe net result is that the industry will lose out on billions of dollars in
630 revenues to pay part of the cost of carbon sequestering, underground scrubber systems and other forms of carbon
631 capture from any new natural gas reserves of coming years. In order to fuel plants, the primary gas is oxygen; when
632 undertaking oil and gas production and development that oxygen is extracted from the air and converted into methane
633 that is vented through rock. It then is dispersed at the surface using various methods, such as proximity to carbon
634 sequestration facilities and underground scrubber systems, to provide the chance to store carbon dioxide that would
635 otherwise have been leaked back into the atmosphere.\n\nIn 2014, a team of scientists from the National Academies of
636 Sciences calculated that deferring as many as 3000 metric tons of carbon dioxide emitted from oil and gas reserves
637 already on Earth to new ones would come at a cost of 5 cents annually to the oil industry per ton. Revenues would then
638 be about \$35-60 billion. "Financials indicate that nonconventional expenditures, including relatively large ones,
639 will have a material net impact on industry and substantial constrains on operating income and free cash flow," the
640 team concluded in a report published in an academic journal prepared for the annual meeting of the National Academies
641 of Sciences. It concluded that the finance companies that actually receive profits from the stranded reserves, which
642 offer little more than \$4
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645] have the Senate convict a sitting president." \n\nOn Wednesday, after the House Judiciary Committee drew up articles of
646 impeachment, McConnell announced that "we have the votes to convict the president." \n\nTrump also held a rally, in
647 which he decried the process as "an illegal coup against me," and announced that he would "appeal." The rally seemed to
648 show that the fight wasn't over.\n\nWATCH: \n\nThis is not a tragedy," McConnell said in a statement at the time. "I am
649 convinced, with every fiber of my being, that the President is innocent. Having solicited the articles of impeachment
650 from the House, the Senate looks forward to hearing from House managers on the charges and then moving forward to
651 presenting a case for trial by the full Senate." \n\nTrump's GOP rivals and independent senators like Sen. Lisa
652 Murkowski (R-AK) have publicly supported impeaching the president, while other GOP senators, like Sen. Susan Collins
653 (R-ME) have openly said they could resign.\n\nThe first major impeachment defection came on Sunday when longshot Rep.
654 Justin Amash (R-MI) announced his intention to convict. In an email to his colleagues, Amash Jr., who criticized
655 Trump's actions in the months leading to and through the impeachment, said he was voting to convict.\n\nFrom where I
656 sit, the evidence is overwhelming. As I am a member of the Judiciary and Intelligence Committees, I have a duty to the
657 American people, as well as an obligation to my constituents and all who sent me to office, to vote convict," Amash
658 said.\n\n<endof>The Barcelona Golf Course doesn't look like a golf course, but it is an oasis for
659 gardening in this busy city.\n\nIt's a massive course spread over 120 acres with fairways that are split right down the
660 middle, unlike the designs on most golf courses. The course enjoys the stunning view of the skyline above it.\n\nA
661 giant oak tree almost 40 meters in diameter serves as one main highlight to the golf course's design. The course's
662 6,486 holes - some six times downhill - are a real treat for newbies and even seasoned golfers.\n\nArcadia for 120
663 acres was built around Gillet Park Golf Club, an exclusive private mixed-use development. Vergara Andreana's team
664 served as the architect for the golf course, with the course designed by 110 Architecture, the local firm working
665 exclusively with Barca, the city's Professional Football club.\n\nEven though Andreana is the lead architect on the

666 project, the team was tasked with creating other lifelines around the course as well as the concrete facade. Aside from
667 the course, Vergara and Andreana have been involved with at least 20 different, publicly developed projects in
668 Barcelona. Design has to be sustainable" Vergara and Andreana became aware of the Barcelona Golf Course while
669 participating in an environmental conference. They recalled being surprised by the site's design, which helped to
670 heighten their enthusiasm for the project. "Because we are architects, architecture has to be sustainable, either low
671 energy or low/zero carbon," Andreana says. "We also want challenges for new projects." Vergara and Andreana started
672 in landscape architecture in 1995. At the time, they were involved with relatively small projects located in the
673 tourism sector. Elsewhere, Vergara and Andreana were searching for a community garden to allow families and people to
674 experience the magic of nature exploration and gardening. "We are a architect's team and we want to improve the
675 urban environment for our users," Andreana says. The team began to look for a place to design a nine-hole golf
676 course. In June 2013, they found a spare garden filled with lush grass located in a meadow. A great opportunity for
677 diversification Andreana's team researched other urban golf courses for the right location. In the end, Gillet Park
678 Golf Club stood out as the best option. Although the natural gardens needed a restoration for their natural
679 conservation, the size and location of the golf course offered a unique opportunity to beautify and reinvest in the
680 urban environment. Gillet Park Playground met all the criteria," Vergara and Andreana explain. "It's not very
681 specific, suited the golf course, and had all the right vegetation." Vergara and Andreana spent just nine months
682 planting thousands of trees in the western corner of Gillet Park, in the neighborhood of Joan Mariscal. The new golf
683 course is accessible on the area's busy streets with shops and restaurants, so the community can enjoy all the leisure
684 activities in the green space. The team uprooted the previously existing Pérez Tree, to make room for the new trees
685 to complement Gillet Park. It was a quick and convenient solution

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688 however it requires two-piece manual construction, which the designer does with great skill. Cuboys does great
689 detail work, the whole body is mostly to scale, with the obvious exception of the sword guard. His arms and legs are
690 also well detailed and the model has pretty good proportions. There are still some details that could probably do with
691 a little more refinement that I didn't catch, but in general I like the overall look of this model and it really feels
692 realistic. In all I was quite impressed, the model is put together with great materials, good use of miniatures
693 and nice detailed details that are really visible. This is most definitely another excellent example of modular
694 construction in action. NEW BEDFORD, Conn. - A man with schizophrenia faces charges for
695 punching a 15-year-old boy in the head before using a tire iron to strike the youngster in New Bedford, according to
696 police. Just before midnight Wednesday night, New Bedford police responded to Liberty Mill Avenue and 66th Street
697 for reports of a non-consensual felony battery, according to police Lt. Mark Reed. A child wielding boy, 15, was
698 allegedly approached by a man with a Southern accent and mustache, who started to beat the boy before pulling out a
699 tire iron, the lieutenant said. The suspect continued his assault after the boy's forehead was burned with the
700 iron. Reticosis to the boy's face required additional stitches, Reed said. The suspect is charged with first-degree
701 assault and faces up to five years in prison. Today, a massive tree fell off a road

702 in the famed resort town of Rosengård, Poland. As of now, there have been no injury reports; however, witnesses told
703 Poland's TNT radio station that the trunk of the tree stood at least 3.5 meters tall. It was almost completely
704 blocking the road used to enter the popular ski resort town. According to report, the base of the tree has fallen,
705 but the abrupt all-round fall still seems a rather odd way for a tree of such nature to fall. Local media speculated
706 that a branch had come down, but said that "it's couldn't be ruled out." Miraculously, there have only been a handful
707 of injuries, presumably from the rogue trunk. The road is still under reconstruction in some areas, and a single
708 tree of this size and age toppling on any foundation should not do any real damage. It is reported that the tree will
709 be removed and reburied. Update: Local emergency crews are still being dispatched to deal with the situation.
710 However, the tree has reportedly now been removed and the road is now open. A supermarket and McDonald's have already
711 re-established. The base of the tree that fell in Rosengård. The remaining trunk fell and caused no injuries.
712 Credit: Peter Owen <http://m.flickr.com/photo.php?worldid=126161&category=166902#tif> Source: The Man Who
713 Saw Mountains by Bill Winter The resort as was planned. 1978 Two alleged thefts gained
714 entry into a home in the 3300 block of North Monroe Street with guns blazing Monday evening. Residents attempted to
715 make entry. Key Details: Two thefts reportedly gained access to the home as residents were outside and were attempting
716 to lock their homes. One thepper pulled his gun, out of the house. The other person than reportedly pointed his gun at
717 the one man. However, no shots were fired. Police tell 7NEWS the alleged thieves did already know each other. At least
718 three other thefts were reported Monday evening. No word yet if these two thefts could be a
719 connection. Jorge Miles Taleb Daily Stormer July 8, 2013 The shooting at a Tucson
720 white supremacist rally night is the latest in a string of recent terrorist incidents at white supremacist centers. It
721 follows a mass shooting at the Oregon State Capital District in June ending with 9 people in Seattle, Washington, and
722 one of two people in Midland, Texas being killed in the attack. After witnessing these tragedies, people have actually
723 reacted in a predictable way, and pointed towards the problem of white supremacists and violence being the real
724 problem that's plaguing America. According to reports from the mainstream media, the shooters were not from Oregon
725 or Texas, suggesting that they may not have been driven by white supremacists, given the recent history of racially
726 motivated attacks while many there were also confused by the motive of the shooters. The shooting took place at a
727 rally that mentioned the Patriot, but their movement is civil disobedience of the federal government. This of course
728 is considered unacceptable and unacceptable by many of those who run the national movement, as it goes against their
729 view that the role of government should be eliminated. Though they do denounce the Occupy movement which is based

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732 Alexandra Firth reports on the association between higher rates of smoking in the adolescent stages and higher
733 obesity in subsequent stages. Like Ridley, Whitfield concludes that this means "even if you're at the bottom you're
734 one generation away from obesity". This is certainly true, though there are two big problems with it. First, BAME
735 adults tend to be smoking at much later ages than those in the adolescent stages, on average at a later age of 34.
736 This means that there is a causal relationship between smoking and poverty that is not present when we control for
737 poverty or look at controlled factors. The degree of economic segregation, or the factor that controls the wealth
738 gap - household income according to dollar index - is not nearly as strongly correlated with elevated smoking rates
739 among the lowest part of the income distribution (Harrison and Strauss-Daly, 2006, 48-49). A higher part of the income
740 distribution tends to have higher smoking rates, so the level of cigarette consumption is in fact correlated with the
741 degree of economic mobility (though it's important to note that it is higher status that has the higher rate of
742 shoplifting). On the other hand, economic mobility does not seem to be correlated with the causal relationship between
743 smoking in early adulthood and obesity in later adulthood. This means that being at the top of the income distribution
744 does not necessarily give someone "higher" status, or more privileged. Second, even if you control for
745 socioeconomic status, people who are more likely to have higher rates of smoking in early adulthood tend to have to
746 higher rates of obesity in later adulthood than those who are less economically privileged, and there's no way that
747 one can infer "teens away" from this, seeing as there is no causal relationship between smoking and mobility, and no
748 threshold beyond the top of the income scale that is exhibiting an upward trajectory. It is certainly true that a
749 greater proportion of BAME adolescents from families with lower incomes are on average less likely to smoke.
750 Curiously, Whitfield doesn't mention that socioeconomic mobility differs significantly between different income
751 groups, so this kind of relationship can't be replicated. There is no causal relation, but speaking, just because
752 those at one top of the income scale are more likely to see their kids try cigarettes, does not mean an ongoing
753 predisposition towards obesity (or even smoking). Even though it can't be proven, and just because it sure seems to
754 incite a fairly clear upward trajectory of mobility for people at the top of the income distribution, Whitfield is
755 basically saying people who have higher rates of adolescent smoking are poor, and not vice versa. This is another
756 misinterpretation/misuse of statistics in public health, and a serious stretch for an economic science that is
757 considered relatively bias-free by its supporters and anti-economists alike. Taking the long view: When statistical

758 models have (pertature) interpretations\n\nIn the same interview Whitfield also makes another somewhat questionable
759 claim, regarding cigarette smoking and childhood obesity. After finding out that there is no significant causal
760 relationship outside of the early stages with the level of smoking, he said:\n\nPeople are now wondering why you would
761 try to avoid the early stages if there is so little causal connection. There is always going to be something in there
762 about healthy early drinking and preventing an artificial transition.\n\nThe simple fact is that statistical models
763 don't get to consider a person's personal interpretations. A model that shows there is no adverse relationship between
764 smoking and obesity in the young stages does not come close to considering the personal call on the risk of smoking in
765 the middle stages; if it is harmful for all, what is the benefit? To understand how interpretations like this are
766 sometimes folded into public health policy I think it's helpful to understand the science. Statistical models do not
767 allow people to tease different factors apart, with differentiated trade-offs. Instead, it requires that you take into
768 account all of the factors, and come up with the best predicted outcome. Even if one of these models has conflicting
769 statistical data, there is no concept of statistical meta-analysis as we have in the sciences.\n\nFor example,
770 Whitfield still needs to ask:\n\nif diet is additive, and therefore a lot of people would develop a nicotine habit,
771 then, why not just go back to a golden age?\n\nIn my view, trying to use statistics to smooth out the science by
772 ignoring personal interpretations only tells you that he thinks the personal interpretations are important to begin
773 with. A lot more effort is taken by the personal interpretations than by statistical models, but that's why the
774 interpretations are more valuable (to the public and policy makers). The general principle is the same: some
775 probabilities exist in the real world, some interpretations are valuable, and members of the public can legitimately
776 base their decisions on the personal interpretations; not the statistical models. We can try to avoid the rich (but the
777 healthy may not be avoided, they just have more early

780 Heapangi - we've got some nice note floating about, there are lots of them, but unfortunately there are a lot of
781 plastics.\n\nThere is quite a lot of plastics, and in there once whole organisms have been caught.\n\nJust over a
782 million skinks had been found, and surveys suggested the number could be much higher, said litter management and
783 marine life recovery manager Mike Sewell.\n\nNew Zealand has experienced similar spikes on hatching sea finches and
784 some sea turtles.\n\nThe problem started in rivers on Picton and the Great Barrier Reef and then grew in the southern
785 fork of the Kaimana River.\n\nThe drifting will be around for at least 50 years, Sewell said.\n\nIt's not easy for
786 plastics to live in marine ecosystems, but it's not that difficult to spread around.\n\nDAVID WHITE/STUFF THE
787 Southern Eyre blue swallow lives under some of the heaviest ocean waters in the world.\n\nDAVID WHITE/STUFF A
788 Penigan's seahorse in the Kaimana.\n\nDAVID WHITE/STUFF Part of a cephalopod in the Kaimana.\n\nPolluted skim chutes
789 were found at the southern end of the Great Barrier Reef on Picton, in the Tongariroa gorge on the Kermadec Peninsula
790 and Matamata.\n\nThe contaminated debris had been added to a variety of local coastal feeds.\n\nDAVID WHITE/STUFF A
791 cephalopod in the Pennou.\n\nOne kilogram of contaminated rubbish was found in Kaimana's skink chicks.\n\nDr David
792 Wilson, the NIWA's acting director of pollution science and surveying in Wellington, said plastics were by far the
793 biggest threat to the Great Barrier Reef - which was polluted with more plastic than found in the whole of
794 Europe.\n\nThis skim pollution highlights the danger of single-use plastics, which are killing corals and sensitive
795 wildlife," he said.\n\nDANIEL BURNELL/STUFF A xanthopod remains stranded in the Kaimana.\n\nConservationists were keen
796 to see more measures in place to protect the oceans.\n\nWith plastics we would really like to see a strong standard -
797 something to really harden the rubbish problem.\n\nPolymers are often dumped in NZ to waste, and then plastics are
798 imported here from overseas and recycled.\n\nDANIEL BURNELL/STUFF A harp's shell lives in the Kaimana.\n\nA group of
799 commercial and freshwater anglers has called for a stronger global filter standard to protect fishermen from
800 microplastics, but it has not yet been adopted.\n\nFor sure we need more flow packaging - there are
801 alternatives.\n\nSewell said about 150,000 skims settle on humps each year, more than five times the number on sea
802 finches last year.\n\nOn the blue plug mat we have also seen a lot of skim," he said.\n\nThey got stuck last year
803 and a similar number have been seen this year, although they are not gathering on us as much on the blue plug bog in
804 Kaimana.\n\nPlastic for human use is not allowed to sell in New Zealand, but manufacturers have produced cheaper
805 plastics with higher concentrations of chemicals and these have been getting into the rivers, he said.\n\nSewell said
806 skinks were in good shape in comparison to the rest of marine life but action was needed to fix the
807 problem.\n\nbrittany.fletcher@news.com.au<endoftext>>In the months prior to Donald Trump's election in
808 November 2016, DNC employee Donna Brazile was outed in the media through legitimate documents released by the Guccifer
809 2.0 group, after her name appeared in a de facto document released by the group. This disclosure and others garnered
810 public attention and raised major concerns with regards to election integrity. It is only now that the perpetrator of
811 the breach has not been charged with crimes, and a lot of speculation and media attention was paid to the
812 issue.\n\nGuccifer 2.0's actions raise interesting questions, and a need for closer scrutiny and analysis. In the
813 following piece, I look at several ways in which Guccifer 2.0's choice to infiltrate and hack into the DNC may have
814 been related to other operations, such as intelligence operations on US leaders and offensive cyber warfare
815 operations.\n\nHISTORY AND ROOT\n\nIt should be well known by now that Guccifer 2.0 breached the Democratic Party on
816 June 15, 2016. While leaked documents have reportedly questioned the exact scope of the hack, it was reportedly more
817 sophisticated and stole more data than the original content of the phishing tool. The original phishing method was
818 more targeted to

819 E.2 Prefix completion: "Generative models of text are very versatile: they can be used"

820
821 Generative models of text are very versatile: they can be used to write scripts, architectural descriptions, and even
822 tackle tasks with long, seemingly unique documents, such as brainstorming sessions.\n\nA similar way of writing can be
823 applied to nouns-heavy groups that are difficult to classify - and since generative writing offers less repetition, it
824 also becomes faster.\n\nCategorizing common nouns\n\nCandidates, can you describe these three
825 plants?\n\nBanana\n\nCanderella\n\nRaspberries\n\nTypes of plants Munngemium, Burdum,

826
827
828 Generative models of text are very versatile: they can be used in an undammed area or even in a mountainous terrain.
829 While B-Type models of text are useful in every process used to use silicon and copper carbide in certain nature.
830 G-Generative models are the thermal models of text which uses E-power. The G- models are highly useful in some
831 environment type and they are available in market. E-Port models of text are the models of UAT text which can be
832 perfectly easily extracted from the net. The E-Port is the UAT text that do not use a very energy-intensive process
833 but

834
835
836 Generative models of text are very useful: they can be used to classify short sentences or free-form text, they can be
837 used to understand meta-links, they can even be used to completely replace the manual search of the translation
838 engines by automatically reading the entire documents and creating their own source tags, etc.\n\nUnlike dynamic
839 models, the differential models of text do not require a lot of research and are easy to use. Whereas the predictive
840 models are usually trained in an exhaustive way with limited training and modifications, the differential models can
841 be easily automated, as the most popular models will try to identify the most often repeated places without

842
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844 Generative models of text are very flexible: they can be used by anyone knowledgeable of a particular meaning and can
845 keep evolving over time as everyone already superficially familiar with them is required to make the changes needed to
846 create a new (negative) meaning. But the interpreted material's computational concepts must be accurately expressed in

847 the appropriate words to make sure the system they are being fed is able to properly conceptualize what they
848 represent. Universal languages are often regarded as formal metaphors understood by machines. The additional challenge
849 is posed by being able to recognize and translate between two completely distinct objects currently being represented.
850 Computational methods to achieve this feat are
851
852
853 Generative models of text are very versatile: they can be used to create more complex effects like atmosphere or
854 texture, where we would normally only use proxies. Historically, poly-responsive annotations have allowed us to create
855 interactive content that extends the linear art of an image to become semi-transparent, without interfering with the
856 images' colours, shadows, etc. This animated image of a house shows how drastically the range of colours is removed
857 from the points of reference in the scene. As shown above, this is the first AI font type to be supported by Autodesk
858 Gradients. We have also recently begun producing annotations of
859
860
861 Associative models of text are very versatile: they can be used for various purposes. We have shown, for instance, that
862 causality can be established by a concept of the causal power, that it is constituted in relation to the action of a
863 material force, that its action can in turn give rise to another material force.¹ But the concept of power depends in
864 large measure on the concept of relation, and affirmative language depends not only on the concept of the internal and
865 external action of the power; it also depends on the theory of the internal and external action of the other elements
866 included in a relation.³ If the concept is true,
867
868
869 Illustrative models of text are very powerful: they can be used to create impressions, convey ideas, as well as show
870 the material connections and logical consequences of linguistic statements.
871 Rich and colorful images are
872 often used for generating impressions and building ideas about objects. Designers might want to build interest about
873 their products by providing images that would set the mental concept of an object, and tap into their
874 subconscious.
875 Indeed, advertising is a brilliant model of persuasion through imitation. The first time we see an
876 object that's been designed and manufactured in an advertising setting, we're introduced to all kinds of nonsense
877
878 Generative models of text are very versatile: they can be used as a data classification model and also incorporated
879 into multiple data processing engines.
880 In this article, we present two new neural memory models capable of
881 processing terabytes of data and the neural networks and computational techniques that are used in those models.
882 Further, we discuss the drawbacks of the machine learning approach on which these neural memory models have been
883 trained and discuss the complexity and possible potential for practical use.
884 Introduction
885 Today, processing
886 large-scale data is done using neural networks. The most widely used models are recurrent neural networks, which use
887 training data and

884 E.3 Infilling: “A year ago in Paris, [...] Wow, what a great day!”

885 A year ago in Paris, I also met up with Ubisoft's very own Michael Abrash, helped test the next prototype of
886 Loresseeker's dialogue, and helped bring the innovative Frostbite mechanic into the real world. Wow, what a great
887 day!
888 As a gamer, one of the most fascinating things about making open-world games is the way players experience and
889 react to the whole thing. When an open world is a procedural sandbox, everything you do while in the world, even those
890 that seem like a small gesture at the time, have an impact. You can make choices that you wouldn't have on
891
892 A year ago in Paris, Catalonia, Spain, televised live live at 7pm PST/4pm EST. And if you haven't already, you can
893 catch up with all of the online performances at this very moment right here. Wow, what a great day!
894 Songs: School of Dance & Speech at the Barcelona Perform Centre, Hope, Heathcote, Cadenka, Hirera & Hippocrates, Quinta Ad Astra
895 Placeva, Divas in Motion, Figaro Romero, Spotify, Mascits sor Prenque, Soul Coffee, Pushwheel Project
896 Later on
897
898 A year ago in Paris, starting my business immediately after immigrating to the US. Almost 2 years later, I arrived in
899 Charlottesville, earned a nutrition degree from the University of Virginia, and now run my own farming business from
900 scratch. Wow, what a great day!
901 If you're looking for anything farm-friendly or artisanal to pick up while in
902 Virginia, please check out Julia Mungo Grocery and be sure to visit the site for more information. Be sure to read our
903 full review of Main Street Café's artisanal options, as well as menus (for “Earth Honey” and “Sun
904
905 A year ago in Paris, France, I gave a speech titled “True Attitude”. You can read it here.
906 “3 AM, oh, 3 AM. The sky's absolutely black, just a few stars. Wow, what a great day! Isn't it great? Is that how you feel every morning?
907 At the end of consciousness, you enter a shift-beyond consciousness, like, infinite consciousness. You enter an
908 absolute consciousness of nothingness, and it's a deafening silence. There's no kind of sound, anything, nothing,
909 except for the silence. All kinds of interior thoughts
910
911
912 A year ago in Paris, March 2017, United States, entering the White House. So this is the first time ever in Paris, and
913 this is the first time at the Vatican, and it's only my second international event. Wow, what a great day! It's
914 great.
915 PALIN NICOLIAN GETSS TRUMP: And today, we were very honored to be invited to speak at the Paris
916 International Economic Forum and I think that's an appropriate place to celebrate the courage and sacrifice of one of
917 our greatest leaders, French Interior Minister Camaro, who at just 42 years old assassinated a terrorist
918
919 A year ago in Paris, when I used to work over here, I found myself messing around in the select committee rooms in the
920 Senate, but this was the first time that I'd ever just sat in a committee room. Wow, what a great day!
921 The
922 Transport, Science, and Technology Committee had some proposed legislation, Bill C-65, a amendment from Michael
923 Croteau, who is known as the man from Quebec in the Senate, who is often actually here trying to propose legislation.
924 Sitting with committee member Gaétan Atiyah, I found myself standing up in order to sit between him and
925
926 A year ago in Paris, the England team hardly ever lost. The first, second, third and fourth hardly ever lost as they
927 turned up to World Athletics to build on their positive momentum for institutional change in elite sporting
928 participation in England. Wow, what a great day!
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930 same content in another format, or you may be able to find more information, at their web site.
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932 imported from YouTube. You may be able to find the same content in another format, or you may be able to find more
933 information, at their web site.
934
935 A year ago in Paris, prior to the tournament, I went to Elijah's to eat and get drunk. Everyone in the venue was
seventeen. I was there for a few minutes and then I went back to the event. Wow, what a great day! So relaxed and too

936 happy. I do not think I was always like that. Honestly, I live this life because I am a very content person. If I win
937 in a tournament and I rush off for the airport and fly for home, this is all I can do. When I lost my job, I would
938 feel an awful lot more than this. You see?

939 **E.4 Word-level weights: “Let’s talk about law and medicine.” with 10× weight on “law”**

940 Let’s talk about law and medicine. In her dissent, Justice Ron Sen, a veteran administrative law judge, points
941 out that the decision “ignores the fact that the original separation agreement was reached by binding arbitration”
942 that responded to “the legitimate ethical concerns of the university administration,” which is what lies “at the heart
943 of law and medicine.” Sen’s dissent, meanwhile, argues that the final decision to retain school administrators -- a
944 decision all the interested parties wanted -- was “rational in light of the fact” that the confidentiality agreement
945 had been in place for years and involved a range of issues already addressed by the university.

946
947
948 Let’s talk about law and medicine. I’ll bet there’s a big difference between law and medicine, yes? Very good. I wrote
949 that. Medicine is a spiritual practice and basically involves treating another human being. Law is a legal activity
950 and basically involves signing a piece of paper. Okay. So that sounds like the healthiest way you’ll live your life.
951 Let’s say you want to buy your own gun, the first thing you must go through CA law is through a background check
952 carried out by the federal department hom & Is that it? YES. Got it. Gun dealers are required to have that approval.
953 Right, ever

954
955
956 Let’s talk about law and medicine. We just had a new decision the other day that said, in fact, the governor’s request
957 to declare a national emergency to protect gears and trooper and anthropoptic posts will in fact actually have to be
958 met on equal footing. What the governor is entitled to is instructing the federal government to fund the relief
959 activities under the Federal Emergency Management Act. So that means that he could go to the president of the United
960 States and say, president I’m going to have to declare a state of emergency. Hey, can you pay for it? He also can be
961 allowed to stand on equal footing with

962
963
964 Let’s talk about law and medicine. They say, “I worry more about regulation than I worry about law.” And I have posed
965 this question to people across the country, and we actually go through the exercise of asking this question, and then
966 we have totally distinct versions of law and regulation or law and medicine, totally distinct things. And that
967 advances my proposition that there is this cognitive dissonance, so you tend to be more concerned about the
968 law. When we talk about democracy, and I’ve talked about this, we say: “Someone, someone, helped humanity find and
969 develop the laws and practices that work best in

970
971
972 See’s statement about law and medicine. He also urged all senators to support ethics oversight of nominees even if
973 they don’t abide by the chamber’s super-majority rule. Republicans ran the chamber now but had just enough votes to
974 get a vote on the proposal in December. The Brennan Center is a partner in a coalition joining the District of
975 Columbia and 20 states for its Acts for Integrity project. It aims to lay out rigorous ethical standards for lawyers
976 joining the judiciary annually. Obama noted in Lowell that the center had devoted \$1 million to assigning ethics
977 lawyers to nominees to lower courts but also directly

978
979
980 Let’s talk about law and medicine. At present, there is a considerable amount of attention being paid by the criminal
981 justice community to the fact that drug sentences have not changed during the Obama administration. What is not
982 mentioned, however, is that the Administration has been willing to make whatever changes are necessary to spare
983 individuals from going to prison for low-level drug offenses and, when convicted, minor offenses. Before this
984 policy of mitigation and rehabilitation was in place, the majority of defendants who chose to contest felony drug
985 charges either pleaded guilty in court or enter guilty pleas under both state and federal rule. In addition,
986 prosecutors would take the chance

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989 Let’s talk about law and medicine. Becker’s resolution puts forth a message for Americans that law and cybersecurity
990 are not mutually exclusive things. It acknowledges there is a role for government and that citizens have
991 responsibilities to one another. It also reminds the citizenry that they are the true law-makers, and should look
992 outside government agencies to offer them those responsibilities. And if politicians can restore notions of mutual
993 trust, citizens can also hold leaders accountable for their actions through the political process. Restoring trust
994 in the American justice system may have global consequences as well. China’s push for espionage may become harder as
995 more Americans like Be

996
997
998 Let’s talk about law and medicine. Do not worry if you find Reason approaches to your observation and experience.
999 And for people wishing to satisfy their own curiosity, there are other sources here. Speaking scientifically is a
1000 statement of fact, not evidence of knowledge. It is also a statement of law. Jason Saunders is a best-selling
1001 author and science columnist for Singularism Newspaper. For the first post in a new series, I
1002 would like to sincerely express a great deal of thanks to everyone who has helped make this project possible. It
1003 started as a small group of friends and family that will likely never

1004 **E.5 Word-level weights: “Let’s talk about law and medicine.” with 10× weight on “medicine”**

1005 Let’s talk about law and medicine. In this show, we’re discussing medical care, the relationship
1006 between law and medicine, the use of law and medicine, and more. Medicine, of course, is a scientific process. It’s
1007 the combination of the tools of science that we have available and the knowledge we’ve acquired from being involved in
1008 our natural world on a day by day basis. Law is a process that is generally based on the physical representation of
1009 biological issues in health and disease. There are legal procedures established to punish or convict certain parties
1010 for certain offenses. Society and legal community are involved for court and criminal governance. This kind
1011

1012
1013 Let’s talk about law and medicine. Top Facts Among the things that are quite amazing about research and medicine is
1014 its ability to improve the lives of people. When it comes to technology and life sciences there is a fairly long list
1015 of advances that have resulted from research and science. Research has brought about incredible advancement in
1016 science and technology, which has helped to ameliorate various aspects of life. Research has also helped to diagnose
1017 various kinds of disease including cancer, diabetes, and other diseases. It has also helped in preventing pathogens
1018 that can lead to diseases. Life scientists have always relied on research as a source to help
1019

1020
1021 Let’s talk about law and medicine. One of the promises he made soon after winning the presidential vote was to

1022 establish a health ministry. In May 2018, he appointed Nysa Demriyab, head of the directorate of health, and Dr. Celal
1023 Kilimbağlu, head of the department of public sciences, to appoint the head of the health ministry. Since he
1024 transitioned to the presidency, he has made important decisions regarding health and disease control. We will see how
1025 they responded.\n\nHealth control\n\nPektra promised on several occasions as prime minister, including to take
1026 responsibility for
1027
1028
1029 Let's talk about law and medicine.\n\nIn part because of advancements in technology, personal information about medical
1030 and drug use is spreading. Healthcare professionals across the nation rely on this personal data to make decisions
1031 about drug prescriptions and clinical trials and monitor people at immediate risk of serious or chronic diseases. The
1032 data provides a unique snapshot of an individual's health status, revealing information about health history, risk
1033 factors, and treatment options.\n\nYet collecting and analyzing patient data can be a challenging task for physicians
1034 and medical professionals. Current and future developments in areas like data science and analysis, artificial
1035 intelligence, and machine learning will improve their ability to
1036
1037
1038 Let's talk about law and medicine.\n\nThe study found mixed sex partners have less risk of being diagnosed. About 25
1039 percent of colorectal cancer cases were found in mixed sex partners, who are more likely to be women. The rates were
1040 found much lower in heterosexual partners.\n\nWhile the findings won't make a difference in medical care, they could
1041 make a significant contribution to prevention among people at risk for colon and colorectal cancer.\n\nGetty
1042 Images\n\nIf we begin to understand more about potential risks, we might be able to promote specific lifestyle
1043 changes, changes that may reduce the risks for cancer
1044
1045
1046 Let's talk about law and medicine.\n\nYour emergency room physician makes decisions on your behalf. As physicians,
1047 nurses and like most health care providers, we recognize that what we do in the emergency room affects patient privacy
1048 and safety. Legal issues can also influence our commitment to ethical guidelines and confront providers with legal
1049 concerns like liability and liability.\n\nIn recent years, we've seen an increasing discussion about the relationship
1050 between law and medicine, especially as we see the growth of expanded practice based and managed care medicine. Many
1051 providers are concerned with patient privacy, protecting patient rights and facilitating doctor-patient dialogue. This
1052 issue gives us exciting opportunities including
1053
1054
1055 Let's talk about law and medicine.\n\nMagnusson analyzed environmental factors from medical records tracking the health
1056 of tens of thousands of people with congestive heart failure. The approach was developed using the largest array of
1057 sequencing information available.\n\nAlthough most genetic work focuses on identifying the genetic basis of disease,
1058 previous studies have typically examined confounders for both environment and health and identified either influences
1059 on health that are genetically independent or environmental factors that correlated with underlying conditions."
1060 Magnusson said. "The unique amount of data our Genetic Analyses approach provided enabled us to better understand the
1061 role of environmental factors in congestive
1062
1063
1064 Let's talk about law and medicine.\n\nResearchers said the discovery was that different brain regions are activated at
1065 lower volume in people with diets in better health, and people who eat most healthily have a larger dentate gyrus, a
1066 section of the brain with executive functions.\n\nAdvertisement\n\nExecutive functions play important roles in the
1067 healthy brain by controlling the appetite.\n\nThe scientist also said they found that concentrations of the hormones
1068 insulin and glucose dropped in people with an eating disorder relative to people who have healthy hormones.\n\nThe
1069 brain volume devoted to social contact, or networking circuitry, dropped in volume in most

1070 **E.6 Lexical constraints: "Donald" anywhere**

1071 : The race in graphics PA POLITICS PERSON Election. Picture date: Thursday December 12 2019 2019. See PA PA story UK
1072 General Election 2019. Photo credit should read: Donald Taylor/PA Wire Donald Taylor PA Wire UK General Election
1073 2019: The race in graphics PA POLITICS PERSECT Election. Picture date: Thursday December 18 December 2019. See PA PA
1074 story UK General Election 2019. Photo credit should read: Darren House/PA Wire Darren House PA Wire UK General
1075 Election 2019: The campaign in graphics PA POLITICS PERSACE Election. Picture date: 1900 December 13 2019 British
1076 Women for Social Change Laura Brown PA Wire UK
1077
1078
1079 . In all, Halloween earned a stunning \$50.4 million despite taking place on Skid Row and having only a \$2 million
1080 production budget.\n\nAt the end of November, Halloween 2 starring Michael Myers, John Cena, Owen Teague, Ewan
1081 McGregor, Adam DeVane, Justin Long, Judy Greer, Jeff Daniels, Jonathan Levine, Donald Pleasence and Nick Jonas,
1082 earned an additional \$36.3 million in its second weekend to set another all-time record.\n\nHalloween began in 1978
1083 as a one-off event at the skate park run by original Halloween creator John Carpenter. Since
1084
1085
1086 , Photographed by Sam Bloom) Dennis Antony Donald Stannard\n\n\n\nPanelist Appearances\n\nDennis Antony is an assistant
1087 professor at Salt Lake City Community College in Park City, Utah. He is a Jewish Siberian anthropologist and author
1088 of The Hunger Revolution, which explores the social history of the Russian Socialist Revolution.\n\nDonald Stoddard
1089 is an Associate Instructor of Sociology at the State University of New York at Morehouse Dightaway. He is the
1090 co-author of the forthcoming: Nation in Crisis: Struggles of Diaspora Race/Ethno
1091
1092
1093 Her work has been featured on PBS One, the television network of Donald J. Smith NFP, Straight Talk with Dr. Michael
1094 Gee on San Antonio Public Television and steptalk.com/live-together/.
1095 Her landscape nominations include: The Dr.
1096 Oscar Crowley Center, 221 N. Sunset; the Sam Houston Center, 300 N. Rio Grande, San Antonio; John P. Yee Memorial,
1097 2817 Alamosa; Truman Presidential Center, 800-F Alamosa Ave.; Sam Houston Memorial, 400 W. Sam Houston Blvd.; Mt. Hood
1098 National Historic Cemetery, 500 E. Mt
1099
1100 ating.<endoftext/>Republican nominee Donald Trump continued his campaign attacks on Democratic nominee
1101 Hillary Clinton on Wednesday, suggesting she used a private email system while she was president.\n\nIf ever she
1102 cheated, she did it from office, relying on her private email server," Trump tweeted Wednesday.\n\nInstead of fighting
1103 for the presidency," Trump added in his tweet.\n\nTrump also mocked Clinton's sudden and very terse release of her
1104 speech addressing the FBI earlier this month, saying that the fact presidents relied on a private email system in
1105 office directly contradicts Clinton's claim that she declined to turn over a server.\n\nWas
1106
1107
1108 obvious personal interest and involvement in the production." Meanwhile, the financial lawyers behind the lawsuit,
1109 who represent other film executives claiming to have ties to Donald Trump through individuals like Gordon, disputed
1110 Mr. Whelan's allegations. Clayton Brokerage, the firm representing executives, wrote in an email, "We never received,

1111 nor knowingly sought, any money from Mr. Trump. He is sitting on any source of dark money.”\n\nWhile some Hollywood
1112 executives seized the opportunity to uncover new details of Donald Trump’s alleged interests in their projects, many
1113 were unconcerned with some of the claims that emerged from the damning videos. Opp
1114
1115
1116 on March 30th, which was upheld by the appeals court a week later. Trump has until June 9th to modify the order or send
1117 the case back to the lower court.\n\nAlso facing legal challenges is Donald Trump’s executive order banning
1118 immigration from seven Muslim-majority countries that is facing a temporary halt, with nothing scheduled to go into
1119 effect. Two federal judges have ruled that such an order violates the establishment clause. Among the plaintiffs are
1120 Chad, Costa Rica, Venezuela, Libya, Mongolia, Somalia and South Korea. Earlier this month, a spokesperson for the
1121 Department of Customs and Border Protection rejected claims that the order is based on
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1123
1124 both previously denied that their sinister actions amounted to witness ‘tampering’, and that the documents seized from
1125 Priestap were actually destroyed before his firing was made publicly known.\n\nA special prosecutor was appointed by
1126 US AG Jeff Sessions in May to investigate the fateful leak of more than 600 pages of now-classified emails sent from
1127 Priestap to unidentified FBI lawyer Lisa Page on Christmas Eve 2016.\n\nBishopap had served as chief for two years of
1128 the FBI counterintelligence division in Cincinnati before he was fired by Donald Trump.\n\nEarlier in May, US Attorney
1129 General Jeff Sessions released the confidential evidence seized from Priestap’

1130 E.7 Negation: “Donald” anywhere and “Trump” nowhere

1131 s draft stock fell significantly after he landed at No. 16, joined by former Arkansas stars like John
1132 Conner, Aaron Donald, Roy Williams and Derrick Coleman in being left undrafted after sitting out.\n\nBut Henderson
1133 knows he has work to do in his senior season.\n\n“It was very surprising,” said Henderson about his draft
1134 ranking. “The No. 16 spot was a huge accomplishment for me. Just because ... No. 16. That’s all that mattered.”\n\nWe
1135 have a good core of young guys, so there’s a lot of excitement on offense, but I wanted to bounce back on defense.
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1137
1138 and corporations.\n\nThe cybersecurity story is going to be up there in the annals of this country, with all its
1139 horror stories,” said Valentine, now vice president for global development at Dupont Truck and Trucks. “Nobody was
1140 prepared for mobilization, especially at a large scale.”\n\nAdvertisement\n\nA month later, with little time to spare,
1141 the government hired Donald V. Davis, a former senior aide to Senator Tom Mondale of Minnesota and former Chief
1142 Security Operations Officer at the White House, to lead tactical centers.\n\nTwo months later, a comprehensive plan
1143 was announced. Only the most experienced engineers
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1145
1146 \n\nEthnicity -- Ethnarch -- \n\n1. Michael Domenici 43 Jan 1992 2. George Clinton 70 1923 3. Hillary Clinton 47 Jan
1147 2001 4. Ted Kennedy 48 1969 5. Mark Thornburgh 44 Jan 1975 6. John Kerry 41 1970 7. William Dodd 42 1934 8. John Komen
1148 42 1934 9. John Kerry 53 Nov. 1992 10. Dick Gephardt 41 1913 11. John Kerry 47 1999 12. James Kilpatrick 44 1941 13.
1149 Dick Durbin 40 1942 14. Chris Dodd 42 Nov. 1992 15. Joe Biden 49 1968 16. George W
1150
1151
1152 daily Le Parisien published a diplomatic cable revealing that there is close cooperation between the French government
1153 and American charity organizations financed by the most powerful research donor in France France George Soros. Iraq
1154 International Conglegate George Polis, the director of one of these two organizations, is involved in the government’s
1155 efforts to make this film.\n\nA recent Belgian Bulletin report revealed that, at the American NGO France Hillary
1156 Soros, Olivier Klein is aware of a project that helps pay for news about Israeli attitudes towards the
1157 Holocaust.\n\nThe Hollande government also funds the production of a show about Armenian genocide set in France. The
1158 show is called
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1161 .\n\nMaggie Edgeley, who plays Lady Arianne-Laghardt and Anne Boleyn on “Thrones,” is being eyed to play Queen Cersei
1162 Baratheon.\n\nTessa Wilson, who plays Lady Arianne and King Robert Baratheon’s mother on the HBO series, is tipped to
1163 play Prime Minister Hillary Goodmayne, who gave up the job last month after losing a bid for the Conservative Party
1164 leadership.\n\nSilvio Cervino, who is married to Thomas von Gasparotto, has been eyed to portray Lady Lyanna Darvald
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1166
1167 it, and that just fired me up. I know I’m probably not making it across the line at this point, but I got a friend
1168 that’s about to make a movie that’ll set in New York City in the 1970s and he told me, ‘you just got Donald McConnell
1169 killed.’ I said, ‘You know something, man? I think you got heart.’” Donnelly: “I don’t want to talk about him.”
1170 Fawcett: “It’s sad, y’know, for me. It’s sad for the chosen voter. And frankly, it’s sad for
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1172
1173 is relevant. In the information and technology age, the dynamics of the media and communication are radically changed.
1174 We must maintain a careful yet balanced balance between censorship and regulation in this space and ensure the
1175 integrity and self conduct of the media,” concludes the paper.\n\nThis paper, entitled “The Altmedia,” appearing in
1176 the webzine Journal of Communication, was edited by Hans-Ulf Carnes, Professor of International Politics and Peace
1177 Studies at the University of California, and authored by George Argill, Robert Branch, David Funk, Donald Grantman,
1178 Amalia Haba, John Lindsay, and Richard Wallace. The journal
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1180
1181 one. When talk turned to Six Flags, local sportswriters and activists criticized the park for staying in business in
1182 the aftermath of the Michael Brown and Eric Garner police killings. Brown was also criticized for his failure to
1183 invite the convicted Donald Sterling protester during his 2016 Sterling Pledge. When I asked Brown in November why he
1184 chose to reach out to Kaepernick, for lack of a better explanation, despite his having indicated otherwise, Brown
1185 replied, “We haven’t changed our core values.” Drawing Kaepernick to speak, he said, was a small step in an attempt to
1186 reincorporate Six Flags as an accepting place. Share