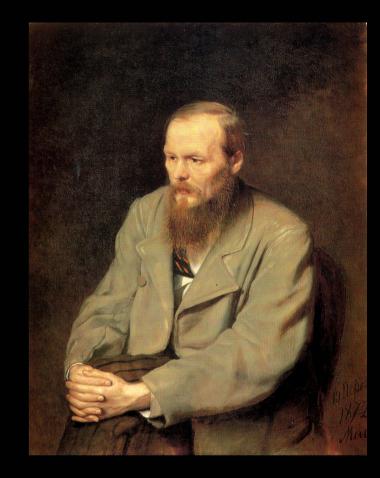
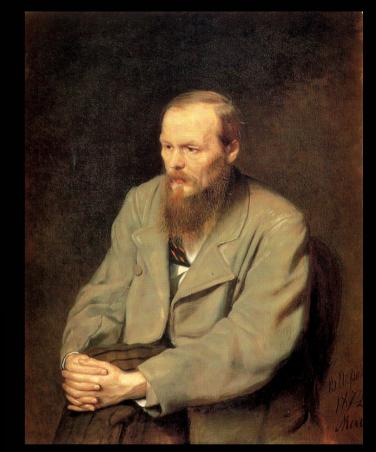


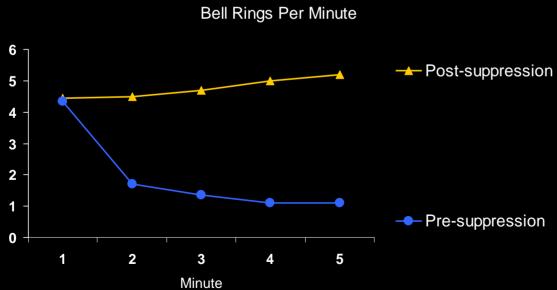
Try to pose for yourself this task: not to think of a polar bear, and you will see that the cursed thing will come to mind every minute.



Fyodor Dostoyevsky (1863) Winter Notes on Summer Impressions

Rebound

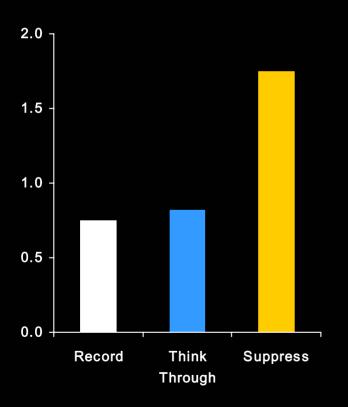




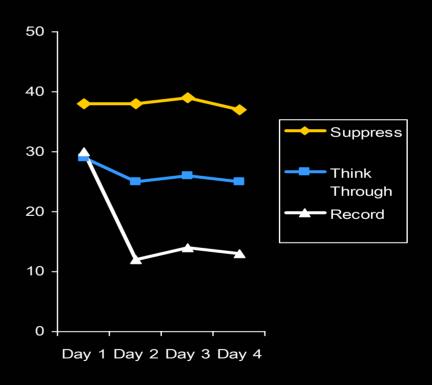
Chronicity

Personally Relevant Intrusive Thoughts Outside the Laboratory

Mean number of thoughts between meals over four days



Mean rating of discomfort (0-100)



Ironic Process Theory

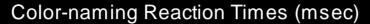
An intentional operating process searches for mental contents to create the desired mental state

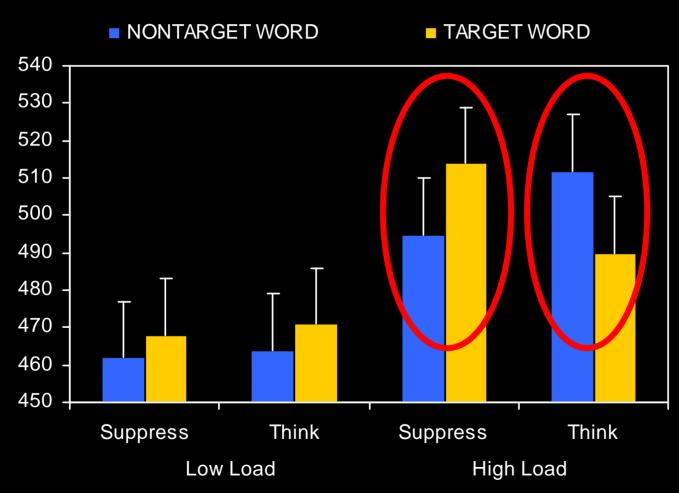
- Effortful
- Conscious
- Interruptible

An ironic monitoring process searches for mental contents that signal the failure of mental control

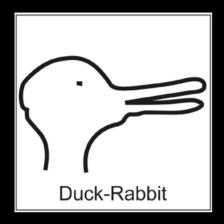
- Automatic
- Unconscious
- Uninterruptible

Hyperaccessibility

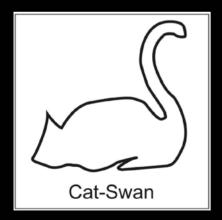




Perception

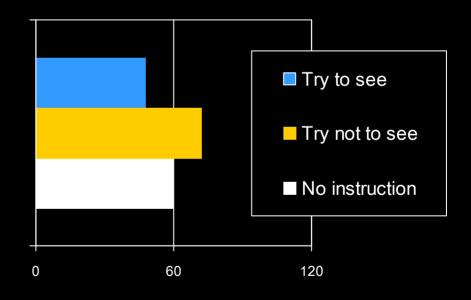


"Try not to see the duck" vs.
Try to see the rabbit"



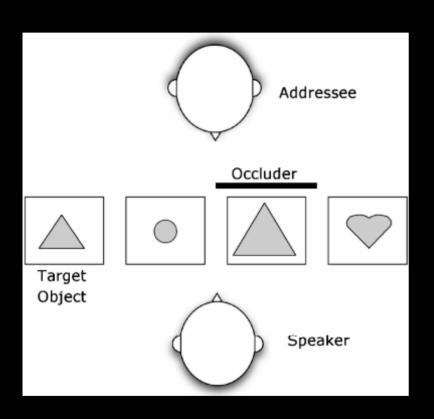
"Try not to see the cat" vs.
Try to see the swan"

Seconds holding down key to report seeing target

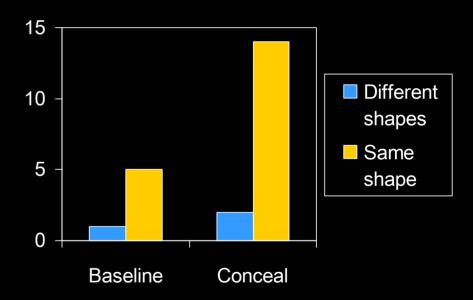


Deception

Instruction: Identify the target object to the addressee



Percentage of foil-contrasting modifiers (e.g., "small triangle")

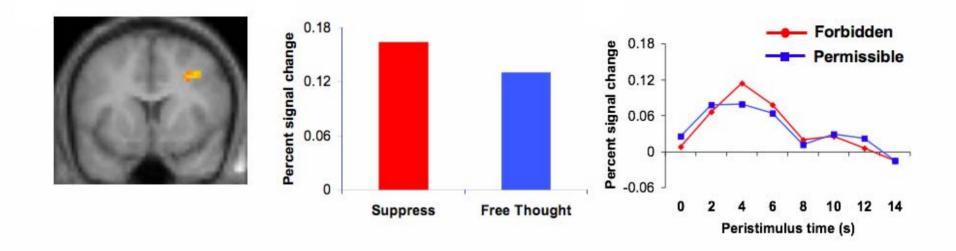


Brain Activation

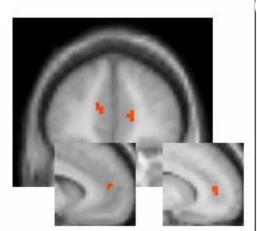
Task blocks (6 functional runs, task order reversed for 3)

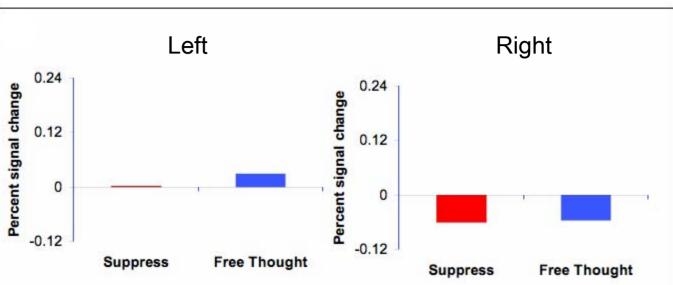
- 120 sec Suppression with button press for white bear thought
- 28 sec Manual response with button press at light onset
- 120 sec Free thought with button press for white bear thought

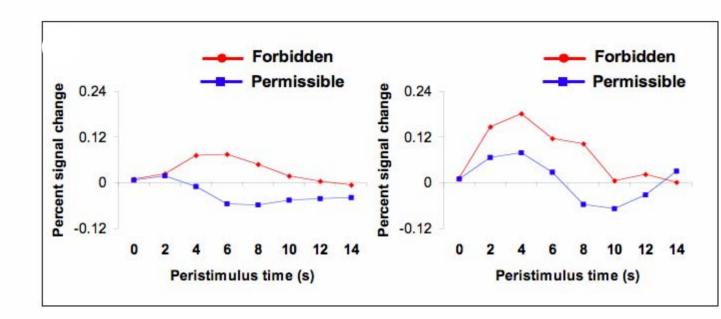
Right DLPFC: Sustained activation during suppression task

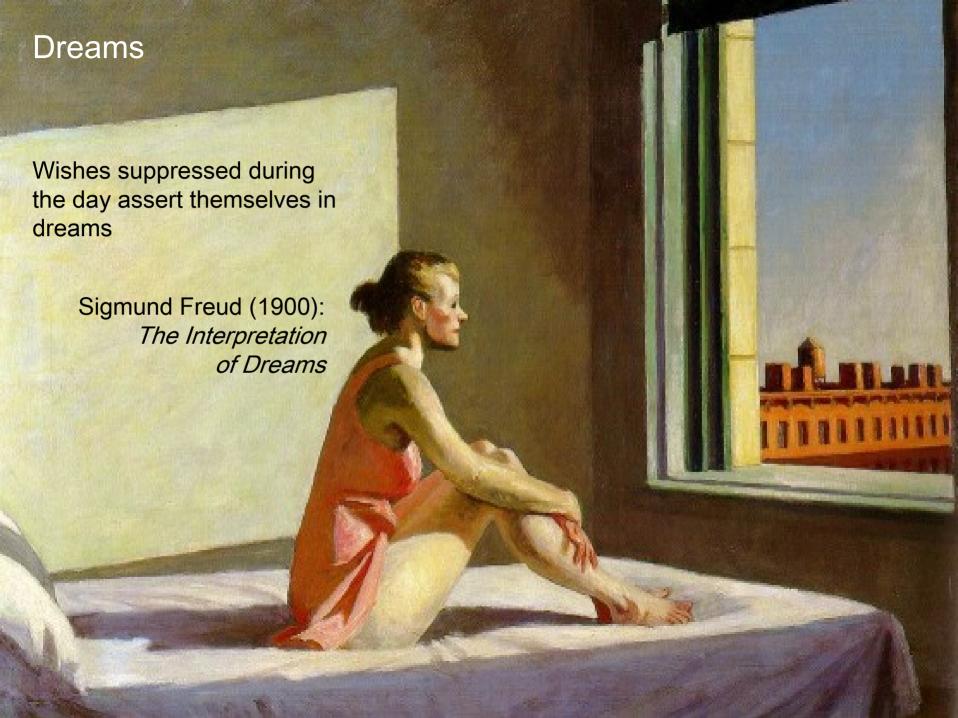


Bilateral ACC: Transient activation during suppression intrusions



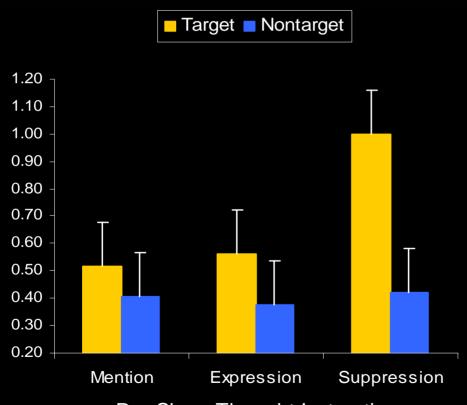






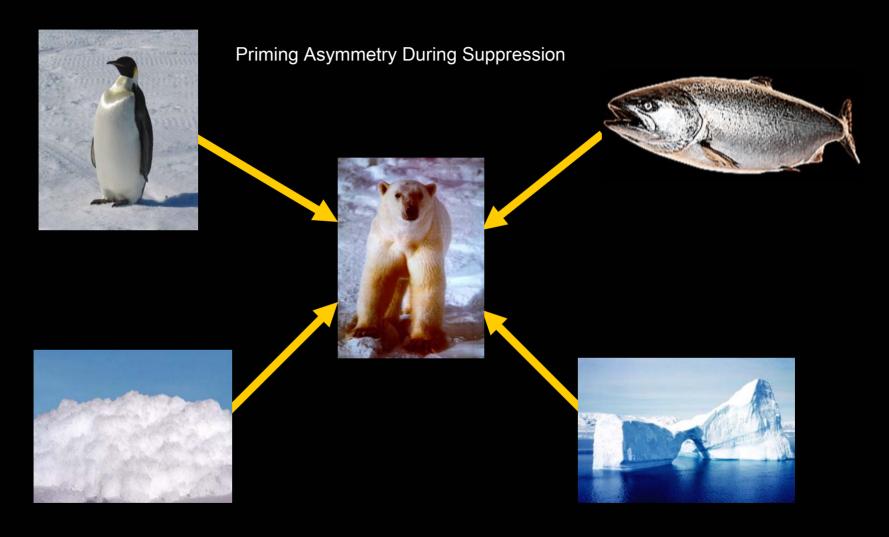
Dream Rebound

Mean mentions of person in dream reports

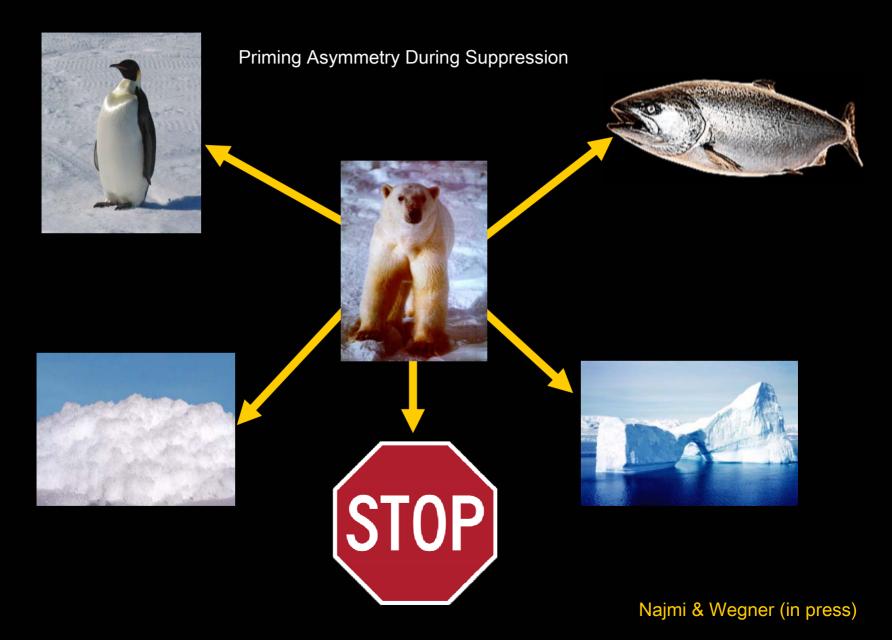




Asymmetric Reminding

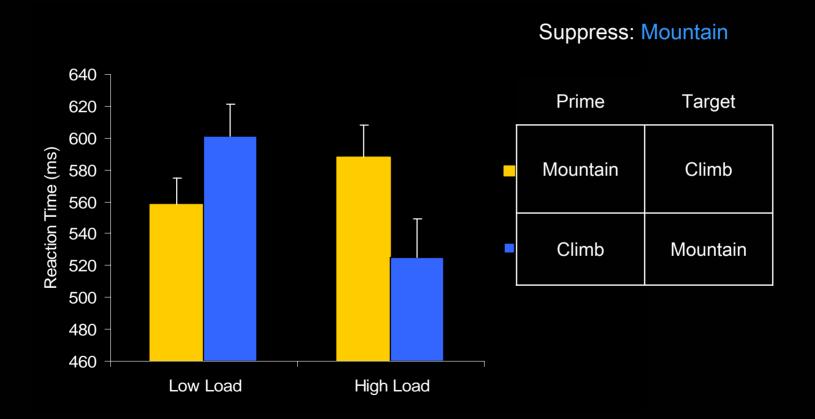


Asymmetric Reminding



Asymmetric Reminding

Prime appears 50 msec before target lexical decision





Psychopathology

Following instructions to suppress relevant thoughts:

- Increases thoughts of smoking during quitting (Toll, Sobell, Wagner, & Sobell, 2001)
- Increases fear of dentists (Muris, Jongh, Merckelbach, Postema, & Vet, 1998)
- Reduces immune response (Petrie, Booth, & Pennebaker, 1998)
- Increases distress in rape survivors suffering from PTSD (Shipherd & Beck, 1999)

Psychopathology

Dispositional thought suppression predicts:

- Depression, anxiety, and obsessive-compulsive disorder (Wegner & Zanakos, 1994)
- Poor coping in accident victims (Aaron, Zaglul, & Emery, 1999)
- Dissociative memory experiences (Muris & Merkelbach, 1997)
- Intentional self-injury in adolescents (Najmi, Wegner, & Nock, in press)



