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- Kanwisher & her colleagues have probed the type of stimuli that activate this region
- <u>Strong response</u>: Frontal shots, profiles, cartoon faces, inverted faces?!, inverted cartoon faces, cat faces, faces with no eyes, & eyes alone.
- <u>Weak response</u>: Schematic faces, animal bodies, houses, back of head.



















































































	Properties of MT neurons Slide from T. Pasternak
•	MT contains representation of the contralateral receptive field receptive fields are localized and increase with eccentricity
•	Most MT neurons are selective for direction & speed of stimulus motion
•	Directionally selective neurons are organized in columns
•	Responses of MT neurons are strongly modulated by stimuli placed in the surround (relative motion)
•	MT neurons respond to relatively low spatial frequency, have high contrast sensitivity and are broadly tuned to temporal frequency
•	Spatial limits of MT receptive fields increase with eccentricity
•	MT neurons are capable of integrating local motion vectors
•	Many properties of MT neurons parallel perceptual phenomena
•	Signals provided by MT neurons are used in the performance of motion tasks
▶	













