

Non-sense and Sense: The Brains Duality

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Abstract

This paper investigates how the brain is modelled, and a hypothesis on a suggested brain model is introduced. The suggested model looks at the world in a generalised way, and puts forth suggested generalised areas, which considers “intelligent sense” to be at the top of the brains structure, which everything stems, and takes into account the possible existence of an “anti-brain”. The focus is on what areas of sense there are, and what brain deficits (disorders) are associated with those areas of sense. This paper also investigates how the brain is possibly quantum in nature, and what the quantum mechanisms are for how we think, act, and speak, and so on. The quantum interpretation puts superposition at the heart of the brain and explains what the result of a non-quantum superposition of states will be. This paper also investigates synaesthesia, and an emphasis is put on said condition, suggesting that synaesthesia is crucial to understanding the brain and it’s “unstructured structure”, resulting in variation in sensory experience, sometimes for the better and sometimes for the worse. This paper also puts forth the suggestion that maybe everyone has synaesthesia and explains why that is so.

Methods

To model the brain, a few methods have been chosen. A general observation of the world is conducted, and from this general observation comes general areas that reflect that general observation. For example, we live in a society, so therefore society can be considered a general area. From this general area, a rule of six is introduced. For every general area there are six primary areas that stem from said general area, which then stem into two secondary areas, which stem into four tertiary areas, and for each tertiary area stems into one area of recognition and one area of perception. Brain disorders are researched and are used to hypothesise what the general, primary, secondary, and tertiary areas are. If there doesn’t exist a brain disorder that can be used to model an area, a hypothesised answer is given. Another method is the non-contradiction contradiction. For every area there exists a contradiction, for example the area of life, where the contradiction is dead yet alive, lifeless life, which is tonic immobility, or playing dead. If it can’t be a contradiction, for example a “towel-less towel”, then it is not an area, even though a towel can be generalised into the interaction of names, where a “nameless name”, a hyper-name, is an acronym. Objectively a contradiction, subjectively a non-contradiction.

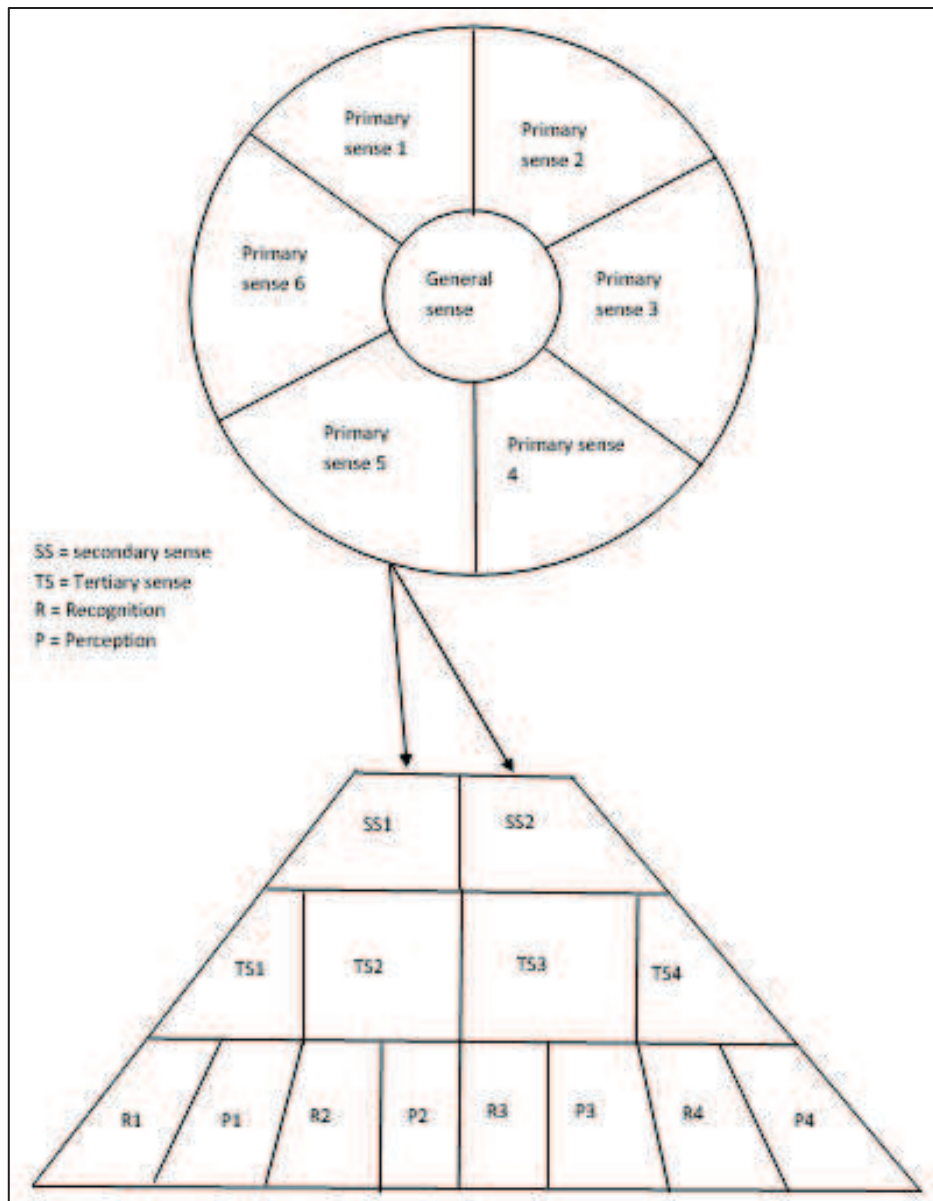


Figure 1. Brain model.

Results

N = Natural

Table 1

Sense	Deficit	Reduced ability	Ability	Natural Ability
Intelligence	No intelligence	Unintelligent	Intelligent	Generally intelligent

Table 2

Sense	Deficit	Reduced ability	Ability	Natural Ability
General ability	No general ability	Reduced general ability	General ability	General natural ability

Table 3

Sense	Deficit/natural ability	Reduced ability/ability	Ability/reduced ability	Natural Ability/deficit
Awareness of hemisphere	Hemispacial neglect	Reduced awareness	Awareness	N awareness

Table 4

Sense	Deficit/ natural ability	Reduced ability/ ability	Ability/reduced ability	Natural Ability/ deficit
		Awareness of hemisphere		
Objective reality	Derealisation	Reduced objective reality	Objective reality	N objective reality
Subjective reality	Depersonalisation	Reduced subjective reality	Subjective reality	N subjective reality

Table 5

General sense	Deficit/natural ability	Reduced ability/ ability	Ability/ reduced ability	Natural Ability/ deficit
		Objective reality		
General sense of sensors	Sensory processing disorder	Reduced general sensor sense	General sensor sense	N general sensor sense
		Subjective reality		
General sensor imagination	No general sensor imagination	Reduced general sensor imagination	Sensor imagination	N sensor imagination

Table 6

Senses/focus	Deficit / natural ability	Reduced ability / ability	Ability / reduced ability	Natural Ability / deficit
		General sense of sensors		
Sense of sight	Cortical blindness	Reduced sense of sight	Sense of sight	N sense of sight
Sense of sound	Cortical deafness	Reduced sense of sound	Sense of sound	N sense of sound
Sense of taste	Ageusia	Hypogeusia	Sense of taste	N sense of taste
Sense of smell	Anosmia	Hyposmia	Sense of smell	N sense of smell
Sense of touch	Numbness	Hyposensitivity to touch	Sense of touch	N sense of touch
Guided sense	No guided sense	Reduced guided sense	Guided sense	N guided sense
		General sensor imagination		
Sight imagination	Aphantasia	Reduced sight imagination	Sight imagination	Hyperphantasia
Sound imagination	No sound imagination	Reduced sound imagination	Sound imagination	N sound imagination
Taste imagination	No taste imagination	Reduced taste imagination	Taste imagination	N taste imagination

Smell imagination	No smell imagination	Reduced smell imagination	Smell imagination	N smell imagination
Touch imagination	No touch imagination	Reduced touch imagination	Touch imagination	N touch imagination
Guided imagination	No guided imagination	Reduced guided imagination	Guided imagination	N guided imagination

Table 7

Areas of intelligence and memory	Deficit/ Natural ability	Reduced ability/ ability	Ability/ reduced ability	Natural Ability/ deficit
		Sense of sight		
Visual distinguishing sense	Associative visual agnosia	Reduced visual sense	Visual sense	N visual sense
Spatial distinguishing sense	Apperceptive visual agnosia	Reduced spatial sense	Spatial sense	N spatial sense
		Sight focus		
Visual focus	Ventral simultagnosia	Reduced visual focus	Visual focus	N visual focus
Spatial focus	Dorsal simultagnosia	Reduced spatial focus	Spatial focus	N spatial focus
		Sense of sound		
Distinguishing sense of rhythm	Beat deafness	Reduced sense of rhythm	Sense of rhythm	N sense of rhythm
Distinguishing sense of timbre	No sense of timbre	Reduced sense of sound quality	Sense of sound quality	N sense of sound quality
		Sound focus		
Rhythm focus	No rhythm focus	Reduced rhythm focus	Rhythm focus	N rhythm focus
Timbre focus	No timbre focus	Reduced timbre focus	Timbre focus	N Timbre focus

		Sense of taste		
Distinguishing sense of gustatory quality	No sense of gustatory quality	Reduced sense of gustatory quality	Sense of gustatory quality	N sense of gustatory quality
Distinguishing sense of gustatory quantity	No sense of gustatory quantity	Reduced sense of gustatory quantity	Sense of gustatory quantity	N sense of gustatory quantity
		Taste focus		
Gustatory quality focus	No gustatory quality focus	Reduced gustatory quality focus	Gustatory quality focus	N gustatory quality focus
Gustatory quantity focus	No gustatory quantity focus	Reduced gustatory quantity focus	Gustatory quantity focus	N gustatory quantity focus
		Sense of smell		
Distinguishing sense of olfactory quality	No sense of olfactory quality	Reduced sense of olfactory quality	Sense of olfactory quality	N sense of olfactory quality
Distinguishing sense of olfactory quantity	No sense of olfactory quantity	Reduced sense of olfactory quantity	Sense of olfactory quantity	N sense of olfactory quantity
		Smell focus		
Olfactory quality focus	No olfactory quality focus	Reduced olfactory quality focus	Olfactory quality focus	N olfactory quality focus
Olfactory quantity focus	No olfactory quantity focus	Reduced olfactory quantity focus	Olfactory quantity focus	N olfactory quantity focus
		Sense of touch		
Distinguishing sense of tactile quality	No sense of tactile quality	Reduced sense of tactile quality	Sense of tactile quality	N sense of tactile quality
Distinguishing sense of tactile quantity	No sense of tactile quantity	Reduced sense of tactile quantity	Sense of tactile form	N sense of tactile form

		Touch focus		
Tactile quality focus	No tactile quality focus	Reduced tactile quality focus	Tactile quality focus	N tactile quality focus
Tactile quantity focus	No tactile quantity focus	Reduced tactile quantity focus	Tactile quantity focus	CF tactile quantity focus
		Guided sense		
Distinguishing sense of internal compass	No internal compass	Reduced sense of internal compass	Sense of internal compass	N sense of internal compass
Distinguishing sense of external compass	No external compass	Reduced sense of external compass	Sense of external compass	N sense of external compass
		Guided focus		
Internal focus	No internal focus	Reduced internal focus	Internal focus	N internal focus
External focus	No external focus	Reduced external focus	External focus	N external focus

Table 8

Areas of intelligence and memory	Deficit/ natural ability	Reduced ability/ ability	Ability/ reduced ability	Natural Ability/ deficit
		Visual sense		
Associating sense of motion	Inconspicuous akinetopsia	Reduced sense of motion	Sense of motion	N sense of motion
Associating sense of colour	Achromatopsia	Reduced sense of colour	Sense of colour	N sense of colour
		Visual focus		
Motion identification	No motion identification	Reduced motion identification	Motion identification	N motion identification
Colour identification	No colour identification	Reduced colour identification	Colour identification	N colour identification

		Spatial sense		
Associating sense of depth	Stereoblindness	Reduced sense of depth	Sense of depth	N sense of depth
Associating sense of orientation	Directional dyslexia	Reduced sense of orientation	Sense of orientation	N sense of orientation
		Spatial focus		
Depth identification	No depth identification	Reduced depth identification	Depth identification	N depth identification
Orientation identification	No orientation identification	Reduced orientation identification	Orientation identification	N orientation identification
		Sense of rhythm		
Association of intensity	Dissociation of intensity	Reduced association of intensity	Association of intensity	N sense of intensity
Associating sense of position	No sense of position	Reduced sense of position	Sense of times position	N sense of position
		Rhythm focus		
Intensity identification	No intensity identification	Reduced intensity identification	Intensity identification	N intensity identification
Position focus	No position focus	Reduced position focus	Position focus	CF position focus
		Distinguishing sense of timbre		
Associating sense of pitch	Receptive amusia	Reduced sense of pitch	Sense of pitch	N sense of pitch (absolute pitch)
Sense of sound direction	Spatial hearing loss	Reduced sense of sound direction	Sense of sound direction	CS sense of sound direction
		Sound quality focus		
Pitch identification	No pitch identification	Reduced pitch identification	Pitch identification	N pitch identification
Sound direction identification	No sound direction identification	Reduced sound direction identification	Sound direction identification	N sound direction identification

		Sense of tactile quantity		
Associating sense of pain	Insensitivity to pain	Reduced sense of pain	Sense of pain	N sense of pain
Associating sense of temperature	Poikilothermia	Reduced sense of temperature	Sense of temperature	N sense of temperature
		Tactile quantity focus		
Pain identification	No pain identification	Reduced pain identification	Pain identification	N pain identification
Temperature identification	No temperature identification	Reduced temperature identification	Temperature identification	N temperature identification
		Sense of tactile quality		
Associating sense of size/shape	Amorphognosia	Reduced sense of size/shape	Sense of size/shape	N sense of size/shape
Associating sense of texture/weight	Ahylognosia	Reduced sense of texture/weight	Sense of texture/weight	N sense of texture/weight
		Tactile quality focus		
Size/shape identification	No size/shape identification	Reduced size/shape identification	Size/shape identification	N size/shape identification
Shape identification	No texture/weight identification	Reduced texture/weight identification	Texture/weight identification	N texture/weight identification
		Internal sense		
Associating sense of self-identity	Dissociative identity disorder	Reduced sense of self-identity	Self-identity processing	N self-identity processing
Associating sense of sexual identity	Agender	Sense of gender identity	Sense of sexual identity	N sense of sexual identity
		Internal focus		
Self-identity identification	No self-identity identification	Reduced self-identity identification	Self-identity identification	N self-identity identification
Sexual identity identification	Opposite sex identification	Reduced sexual identity	Gender identity	N gender identity identification

		identification	identification	
		External sense		
Topographical associating sense	Topographical disorientation	Reduced topographical sense	Topographical sense	N topographical sense
Moral associating sense (moral compass)	Dissociation of morals	Reduced sense of morals	Sense of morals	N sense of morals
		External focus		
Topographical identification	No topographical identification	Reduced topographical identification	Topographical identification	N topographical identification
Moral focus	No moral identification	Reduced moral identification	Moral identification	N moral identification
		Sense of gustatory quality		
Associating sense of bland/pungent	No sense of bland/pungent	Reduced sense of bland/pungent	Sense of bland/pungent	N sense of bland/pungent
Associating sense of umami/bitter	No sense of umami/bitter	Reduced sense of umami/bitter	Sense of umami/bitter	N sense of umami/bitter
		Gustatory quality focus		
Bland/pungent identification	No bland/pungent identification	Reduced bland/pungent identification	Bland/pungent identification	N bland/pungent identification
Umami/bitter focus	No umami/bitter focus	Reduced umami/bitter focus	Umami/bitter focus	N umami/bitter focus
		Sense of gustatory quantity		
Associating sense of salty/sweet	No sense of salty/sweet	Reduced sense of salty/sweet	Sense of salty/sweet	N sense of salty/sweet
Associating sense of sour/basic	No sense of sour/basic	Reduced sense of sour/basic	Sense of sour/basic	N sense of sour/basic
		Gustatory quantity focus		

Salty/sweet identification	No salty/sweet identification	Reduced salty/sweet identification	Salty/sweet identification	N salty/sweet identification
Sour/basic identification	No sour/basic identification	Reduced sour/basic identification	Sour/basic identification	N sour/basic identification
		Sense of olfactory quality		
Associating sense of pleasant odours	No sense of pleasant odours	Reduced sense of pleasant odours	Sense of pleasant odours	N sense of pleasant odours
Associating sense of unpleasant odours	No sense of unpleasant odours	Reduced sense of unpleasant odours	Sense of unpleasant odours	N sense of unpleasant odours
		Olfactory quality focus		
Pleasant odour identification	No pleasant odour identification	Reduced pleasant odour identification	Pleasant odour identification	N pleasant odour identification
Unpleasant odour identification	No unpleasant odour identification	Reduced unpleasant odour identification	Unpleasant odour identification	N unpleasant odour identification
		Sense of olfactory quantity		
Associating sense of strong odours	No sense of strong odours	Reduced sense of strong odours	Sense of strong odours	N sense of strong odours
Associating sense of weak odours	No sense of weak odours	Reduced sense of weak odours	Sense of weak odours	N sense of weak odours
		Olfactory quantity focus		
Strong odour identification	No strong odour identification	Reduced strong odour identification	Strong odour identification	N strong odour identification
Weak odour identification	No weak odour identification	Reduced weak odour identification	Weak odour identification	N weak odour identification

Table 9

Areas of intelligence and memory	Deficit/ Natural ability	Reduced ability/ ability	Ability/ reduced ability	Natural Ability/ deficit
		Associating sense of motion		
Motion recognition	Gross akinetopsia	Reduced motion recognition	Motion recognition	N motion recognition
Motion perception	Zeitaffer phenomenon	Reduced motion perception	Motion perception	N motion perception
		Motion identification		
Motion memory	No motion memory	Reduced motion memory	Motion memory	N working motion memory
Motion processing	No motion processing	Reduced motion processing	Motion processing	N motion processing
		Associating sense of colour		
Colour recognition	Colour agnosia	Reduced colour recognition	Colour recognition	N colour recognition
Colour perception	Dyschromatopsia	Reduced colour perception	Colour perception	N colour perception
		Colour identification		
Colour memory	No colour memory	Reduced colour memory	Colour memory	N colour memory
Colour processing	No colour processing	Reduced colour processing	Colour processing	N colour processing
		Associating sense of depth		
Depth recognition	No depth recognition	Reduced depth recognition	Depth recognition	N depth recognition
Depth perception	Depth misperception	Reduced depth perception	Depth perception	N depth perception
		Depth identification		
Depth memory	No depth memory	Reduced depth memory	Depth memory	N depth memory

Depth processing	No depth processing	Reduced depth processing	Depth processing	N depth processing
		Associating sense of spatial orientation		
Spatial orientation recognition	Orientation agnosia	Reduced spatial orientation recognition	Spatial orientation recognition	N spatial orientation recognition
Spatial orientation perception	Spatial orientation misperception	Reduced spatial orientation perception	Spatial orientation perception	N spatial orientation perception
		Spatial orientation identification		
Spatial orientation memory	No spatial orientation memory	Reduced spatial orientation memory	Spatial orientation memory	N spatial orientation memory
Spatial orientation processing	No spatial orientation processing	Reduced spatial orientation processing	Spatial orientation processing	N spatial orientation processing
		Associating sense of pitch		
Pitch recognition	Amnesic amusia	Reduced pitch recognition	Pitch recognition	N pitch recognition
Pitch perception	Pitch misperception	Reduced pitch perception	Pitch perception	N pitch perception
		Pitch identification		
Pitch memory	No pitch memory	Reduced pitch memory	Pitch memory	N pitch memory
Pitch processing	No pitch processing	Reduced pitch processing	Pitch processing	N pitch processing
		Associating sense of time		
Time recognition	Auditory dysarthria	Reduced position recognition	Position recognition	N position recognition
Time perception	Dyschronometria	Reduced position perception	Position perception	N position perception
		Position identification		

Time memory	No position memory	Reduced position memory	Position memory	N position memory
Time processing	No position processing	Reduced position processing	Position processing	N position processing
		Associating sense of sound direction		
Sound direction recognition	Sound direction misrecognition	Reduced sound direction recognition	Sound direction recognition	N sound direction recognition
Sound direction perception	Sound direction misperception	Reduced sound direction perception	Sound direction perception	N sound direction perception
		Sound direction identification		
Sound direction memory	No sound direction memory	Reduced sound direction memory	Sound direction memory	N sound direction memory
Sound direction processing	No sound direction processing	Reduced sound direction processing	Sound direction processing	N sound direction processing
		Associating sense of intensity		
Intensity recognition	Intensity misrecognition	Reduced intensity recognition	Intensity recognition	N intensity recognition
Intensity perception	Hyperacusis	Reduced intensity perception	Intensity perception	N intensity perception
		Intensity identification		
Intensity memory	No intensity memory	Reduced intensity memory	Intensity memory	N intensity memory
Intensity processing	No intensity processing	Reduced intensity processing	Intensity processing	N intensity processing
		Associating sense of texture/weight		
Texture/weight recognition	Texture/weight misrecognition	Reduced texture/weight recognition	Texture/weight recognition	N texture/weight recognition
Texture /weight perception	Texture/weight misperception	Reduced texture/weight	Texture/weight perception	N texture/weight perception

		perception		
		Texture/weight identification		
Texture/weight memory	No texture/weight memory	Reduced texture/weight memory	Texture/weight memory	N texture/weight memory
Texture/weight processing	No texture/weight processing	Reduced texture/weight processing	Texture/weight processing	N texture/weight processing
		Associating sense of pain		
Pain recognition	Pain misrecognition	Reduced pain recognition	Pain recognition	CS pain recognition
Pain perception	Hyperalgesia	Reduced pain perception	Pain perception	CS pain perception
		Associating sense of pain		
Pain memory	No pain memory	Reduced pain memory	Pain memory	N working pain memory
Pain processing	No pain processing	Reduced pain processing	Pain processing	N pain processing
		Associating sense of size/shape		
Size/shape recognition	Size/shape misrecognition	Reduced size/shape recognition	Size/shape recognition	N size/shape recognition
Size/shape perception	Size/shape misperception	Reduced size/shape perception	Size/shape perception	N size/shape perception
		Size/shape identification		
Size/shape memory	No size/shape memory	Reduced size/shape memory	Size/shape memory	N size/shape memory
Size/shape processing	No size/shape processing	Reduced size/shape processing	Size/shape processing	N size/shape processing
		Associating sense of temperature		

Temperature recognition	Temperature misrecognition	Reduced temperature recognition	Temperature recognition	N temperature recognition
Temperature perception	Temperature misperception	Reduced temperature perception	Temperature perception	N temperature perception
		Temperature identification		
Temperature memory	No temperature memory	Reduced temperature memory	Temperature memory	N temperature memory
Temperature processing	No temperature processing	Reduced temperature processing	Temperature processing	N temperature processing
		Associating sense of self identity		
Self- Identity recognition	Dissociative fugue	Reduced self-identity recognition	Self-identity recognition	N self-identity recognition
Self-identity perception	Self-identity misperception	Reduced self-identity perception	Self-identity perception	N self-identity perception
		Self-identity identification		
Self-identity memory	No self-identity memory	Reduced self-identity memory	Self-identity memory	N self-identity memory
Self-identity processing	No self-identity processing	Reduced self-identity processing	Self-identity processing	N self-identity processing
		Sense of sexual identity		
Sexual identity recognition	Asexuality	Reduced sexual identity recognition	Sexual identity recognition	N sexual identity recognition
Sexual identity perception	Homosexuality	Reduced sexual identity perception	Sexual identity perception	N sexual identity perception
		Sexual identity identification		

Sexual identity memory	No sexual identity memory	Reduced sexual identity memory	Sexual identity memory	N sexual identity memory
Sexual identity processing	No sexual identity processing	Reduced sexual identity processing	Sexual identity processing	N sexual identity processing
		Associating sense of topography		
Topographical recognition	Topographical agnosia	Reduced topographical recognition	Topographical recognition	N topographical recognition
Topographical perception	Topographical miperception	Reduced topographical perception	Topographical perception	N topographical perception
		Topography Identification		
Topographical memory	No topographical memory	Reduced topographical memory	Topographical memory	N working topographical memporry
Topographical processing	No topographical processing	Reduced topographical processing	Topographical processing	N topographical processing
		Moral associating sense		
Moral recognition	Moral misrecognition	Reduced moral recognition	Moral recognition	CS moral recognition
Moral perception	Moral misperception	Reduced moral perception	Moral perception	CS moral perception
		Moral identification		
Moral memory	No moral memory	Reduced moral memory	Moral memory	N moral memory
Moral processing	No moral processing	Reduced moral processing	Moral processing	N moral processing
		Associating sense of bland/pungent		
Bland/pungent recognition	Bland/pungent misrecognition	Reduced bland/pungent recognition	Bland/pungent recognition	N bland/pungent recognition
Bland/pungent perception	Bland/pungent misperception	Reduced bland/pungent	Bland/pungent perception	N bland/pungent perception

		perception		
		Bland/pungent identification		
Bland/ pungent memory	No bland/pungent memory	Reduced bland/pungent memory	Bland/pungent memory	N working bland/pungent memory
Bland/pungent processing	No bland/pungent processing	Reduced bland/pungent processing	Bland/pungent processing	N bland/pungent processing
		Sense of umami/bitter		
Umami/bitter recognition	Umami/bitter misrecognition	Reduced umami/bitter recognition	Umami/bitter recognition	N umami/bitter recognition
Umami/bitter perception	Umami/bitter misperception	Reduced umami/bitter perception	Umami/bitter perception	N umami/bitter perception
		Umami/bitter identification		
Umami/ bitter memory	No umami / bitter memory	Reduced umami/bitter memory	Umami/bitter memory	N umami/bitter memory
Umami/bitter processing	No umami/bitter processing	Reduced umami/bitter processing	Umami/bitter processing	N umami/bitter processing
		Associating sense of salty/sweet		
Salty/sweet recognition	salty /sweet misrecognition	Reduced salty/sweet recognition	Salty/sweet recognition	CS salty/sweet recognition
Salty/sweet perception	Salty/sweet misperception	Reduced salty/sweet perception	Salty/sweet perception	CS salty/sweet perception
		Salty/sweet identification		
Salty/sweet memory	No salty/ sweet memory	Reduced salty/sweet memory	Salty/sweet memory	N salty/sweet memory
Salty/sweet processing	No salty/sweet processing	Reduced salty/sweet processing	Salty/sweet processing	N salty/sweet processing
		Associating sense of sour/basic		

Sour/basic recognition	Sour/basic misrecognition	Reduced sour/basic recognition	Sour/basic recognition	N sour/basic recognition
Sour/basic perception	Sour/basic miperception	Reduced sour/basic perception	Sour/basic perception	N sour/basic perception
		Sour/basic identification		
Sour/basic memory	No sour/basic memory	Reduced sour/basic memory	Sour/basic memory	N sour/basic memory
Sour/basic processing	No sour/basic processing	Reduced sour/basic processing	Sour/basic processing	N sour/basic processing
		Sense of pleasant odours		
Pleasant odour recognition	Pleasant odour misrecognition	Reduced pleasant odour recognition	Pleasant odour recognition	N pleasant odour recognition
Pleasant odour perception	Pleasant odour miperception	Reduced pleasant odour perception	Pleasant odour perception	N pleasant odour perception
		Pleasant odour identification		
Pleasant odour memory	No working pleasant odour memory	Reduced working pleasant odour memory	Working pleasant odour memory	N working pleasant odour memory
Pleasant odour processing	No pleasant odour processing	Reduced pleasant odour processing	Pleasant odour processing	N pleasant odour processing
		Associating sense of unpleasant odours		
Unpleasant odour recognition	No unpleasant odour recognition	Reduced unpleasant odour recognition	Unpleasant odour recognition	N unpleasant odour recognition
Unpleasant odour perception	No unpleasant odour perception	Reduced unpleasant odour perception	Unpleasant odour perception	N unpleasant odour perception
		Unpleasant odour identification		
Unpleasant odour memory	No working unpleasant odour memory	Reduced working unpleasant odour memory	Working unpleasant odour memory	N working unpleasant odour memory

Unpleasant odour processing	No unpleasant odour processing	Reduced unpleasant odour processing	Unpleasant odour processing	N unpleasant odour processing
		Associating sense of strong odours		
Strong odour recognition	No strong odour recognition	Reduced strong odour recognition	Strong odour recognition	N strong odour recognition
Strong odour perception	Strong odour misperception	Reduced strong odour perception	Strong odour perception	N strong odour perception
		Strong odour identification		
Strong odour memory	No working strong odour memory	Reduced working strong odour memory	Working strong odour memory	N working strong odour memory
Strong odour processing	No strong odour processing	Reduced strong odour processing	Strong odour processing	N strong odour processing
		Sense of weak odours		
Weak odour recognition	No weak odour recognition	Reduced weak odour recognition	Weak odour recognition	N weak odour recognition
Weak odour perception	Weak odour misperception	Reduced weak odour perception	Weak odour perception	N weak odour perception
		Weak odour focus		
Weak odour memory	No working weak odour memory	Reduced working weak odour memory	Working weak odour memory	N working weak odour memory
Weak odour processing	No weak odour processing	Reduced weak odour processing	Weak odour processing	N weak odour processing

The tables past this point have omitted reduced ability, ability, and natural ability, and the hierarchy of subjective reality, for the sake of space. The areas of imagination, focus, identification, memory and processing follow the same structure as the tables above.

Table 10

Areas of intelligence and memory	Deficit/ Natural ability
	Objective reality
General emotional sense	Alexithymia

Table 11

Areas of intelligence and memory	Deficit/ Natural ability
	General emotional sense
Sense of bipolarity	No sense of bipolarity
Sense of neutral charge	No sense of neutral charge
Sense of competitiveness	No sense of competitiveness
Sense of stress	No sense of stress
Sense of like	No sense of like
Sense of dislike	No sense of dislike

Table 12

Areas of intelligence and memory	Deficit/ Natural ability
	Sense of bipolarity
Sense of happiness	No sense of happiness
Sense of sadness	No sense of sadness

	Sense of neutral charge
Sense of positive charge	No sense of positive charge
Sense of negative charge	No sense of negative charge
	Sense of competitiveness
Sense of winning	No sense of winning
Sense of losing	No sense of losing
	Sense of stress
Sense of fight	No sense of fight
Sense of flight	No sense of flight
	Sense of like
Sense of want	No sense of want
Sense of need	No sense of need
	Sense of dislike
Sense of anger	No sense of anger
Sense of unwanted	No sense of unwanted

Table 13

Areas of intelligence and memory	Deficit/ Natural ability
	Sense of happiness
Sense of euphoria	No sense of euphoria

Sense of excitement	No sense of excitement
	Sense of sadness
Sense of emotional pain	No sense of emotional pain
Sense of boredom	No sense of boredom
	Sense of positive charge
Sense of hydration	No sense of hydration
Sense of fullness	No sense of fullness
	Sense of negative charge
Sense of thirst	Adipsia
Sense of hunger	No sense of hunger
	Sense of winning
Sense of power	No sense of power
Sense of greed	No sense of greed
	Sense of losing
Sense of jealousy	No sense of jealousy
Sense of grief	No sense of grief
	Sense of fight
Sense of fear	Urbach-wiethe
Sense of threat	No sense of threat
	Sense of flight

Sense of anxiety	No sense of anxiety
Sense of panic	No sense of panic
	Sense of want
Sense of lust	Hypoactive sexual desire disorder
Sense of arousal	Sexual arousal disorder
	Sense of need
Sense of love	No sense of love
Sense of affection	No sense of affection
	Sense of anger
Sense of hate	No sense of hate
Sense of rage	No sense of rage
	Sense of unwanted
Sense of loneliness	No sense of loneliness
Sense of rejection	No sense of rejection

Table 14

Areas of intelligence	Deficit/ Natural ability
	Sense of euphoria
Euphoria recognition	Euphoria misrecognition
Euphoria perception	Chronic euphoria
	Sense of

	excitement
Excitement recognition	Excitement misrecognition
Excitement perception	Chronic excitement
	Sense of emotional pain
Emotional pain recognition	Emotional pain misrecognition
Emotional pain perception	Psychosomatic pain
	Sense of boredom
Boredom recognition	Boredome misrecognition
Boredom perception	Ennui
	Sense of hydration
Hydration recognition	Hydration misrecognition
Hydration perception	Chronic feeling of hydration
	Sense of fullness
Fullness recognition	Fullness misrecognition
Fullness perception	Chronic fullness
	Sense of thirst
Thirst recognition	Thirst misrecognition
Thirst perception	Psychogenic polydipsia
	Sense of hunger
Hunger recognition	Hunger misrecognition

Hunger perception	Prada-willi syndrome
	Sense of power
Power recognition	Power misrecognition
Power perception	Chronic power
	Sense of greed
Greed recognition	Greed misrecognition
Greed perception	Chronic greed
	Sense of jealousy
Jealousy recognition	Jealousy misrecognition
Jealousy perception	Delusional jealousy
	Sense of grief
Grief recognition	Grief misrecognition
Grief perception	Complicated grief
	Sense of fear
Fear recognition	Fear of the unknown
Fear perception	Phobia
	Sense of threat
Threat recognition	Threat misrecognition
Threat perception	Hypervigilance
	Sense of anxiety

Anxiety recognition	Anxiety misrecognition
Anxiety perception	Generalised anxiety disorder
	Sense of panic
Panic recognition	Panic misrecognition
Panic perception	Panic disorder
	Sense of lust
Lust recognition	Lust misrecognition
Lust perception	Chronic lust
	Sense of arousal
Arousal recognition	Arousal misrecognition
Arousal perception	Persistent genital arousal disorder
	Sense of love
Love recognition	Love misrecognition
Love perception	Erotomania
	Sense of affection
Affection recognition	Affection misrecognition
Affection perception	Chronic affection
	Sense of hate
Hate recognition	Hate misrecognition
Hate perception	Chronic hate

	Sense of rage
Rage recognition	Rage misrecognition
Rage perception	Intermittent explosive disorder
	Sense of loneliness
Loneliness recognition	Loneliness misrecognition
Loneliness perception	Chronic loneliness
	Sense of rejection
Rejection recognition	Rejection misrecognition
Rejection perception	Rejection sensitive dysphoria

Table 15

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General social sense	Autism

Table 16

Areas of intelligence	Deficit/ Natural ability
	General social sense
Sense of social emotions	Prosopo-affective agnosia
Sense of humour	Humourless
Sense of relationships	Schizotypal personality

	disorder
Social communication	Social communication disorder
Sense of empathy	Empathy deficit disorder
Motivation	Adynamia

Table 17

Areas of intelligence	Deficit/ Natural ability
	Sense of social emotions
Sense of expressions	No sense of expressions
Sense of voice	Phonagnosia
	Sense of humour
Sense of wit	No sense of wit
Sense of response	Pseudo-bulbar affect
	Sense of relationships
Sense of relativity	No sense of relativity
Sense of connection	No sense of connection
	Sense of social communication
Sense of nonverbal communication	No sense of nonverbal communication
Sense of verbal communication	No sense of verbal communication

	Sense of empathy
Sense of regret	No sense of regret
Sense of compassion	No sense of compassion
	Sense of motivation
Sense of social motivation	No sense of social motivation
Sense of physical motivation	No physical motivation

Table 18

Areas of intelligence	Deficit/ Natural ability
	Sense of expressions
Sense of body expressions	No sense of body expressions
Sense of facial expressions	No sense of facial expressions
	Sense of voice
Sense of volume	No sense of volume
Sense of intonation	Monotone
	Sense of wit
Sense of jokes	No sense of jokes
Sense of metaphors	Literal
	Sense of response
Sense of laughter	No sense of laughter

Sense of crying	No sense of crying
	Sense of relativity
Sense of enemies	No sense of enemies
Sense of friends	No sense of friends
	Sense of connection
Sense of unfamiliar people	No sense of unfamiliar people
Sense of familiar people	No sense of familiar people
	Sense of nonverbal communication
Sense of eye contact	No sense of eye contact
Sense of gestures	No sense of gestures
	Sense of verbal communication
Sense of pace	No sense of pace
Sense of accent	Foreign accent syndrome
	Sense of regret
Sense of guilt	No sense of guilt
Sense of embarrassment	No sense of embarrassment
	Sense of compassion
Sense of sensitivity	No sense of sensitivity
Sense of kindness	Mean
	Sense of social motivation

Sense of social pleasure	Social anhedonia
Sense of musical pleasure	Musical anhedonia
	Physical motivation
Sense of sensory pleasure	No sense of sensory pleasure
Sense of sexual pleasure	Sexual anhedonia

Table 19

Areas of intelligence	Deficit/ Natural ability
	Sense of body expressions
Body expressions recognition	Body expressions misrecognition
Body expressions perception	Body expressions misperception
	Sense of facial expressions
Facial expression recognition	Facial expressions misrecognition
Facial expression perception	Facial expression misperception
	Sense of volume
Volume recognition	Volume misrecognition
Volume perception	Volume misperception
	Sense of intonation
Intonation recognition	Intonation misrecognition
Intonation perception	Intonation misperception

	Sense of jokes
Joke recognition	Joke misrecognition
Joke perception	Witzelsucht
	Sense of metaphors
Metaphor recognition	Metaphor misrecognition
Metaphor perception	Metaphor misperception
	Sense of laughter
Laughter recognition	Laughter misrecognition
Laughter perception	Laughter misperception
	Sense of crying
Crying recognition	Crying misrecognition
Crying perception	Crying misperception
	Sense of enemies
Enemies recognition	Enemies misrecognition
Enemies perception	Enemy complex
	Sense of friends
Friends recognition	Friends misrecognition
Friends perception	Friend complex
	Sense of unfamiliar relationships
Unfamiliar relationship	Unfamiliar relationship

recognition	misrecognition
Unfamiliar relationship perception	Unfamiliar relationship misperception
	Sense of familiar relationship
Familiar relationship recognition	Familiar relationship recognition
Familiar relationships perception	Hyper-familiarity for faces
	Sense of eye contact
Eye contact recognition	Eye contact misrecognition
Eye contact perception	Eye contact misperception
	Sense of gestures
Gestures recognition	Gestures misrecognition
Gestures perception	Gestures misperception
	Sense of pace
Pace recognition	Pace misrecognition
Pace perception	Pressured speech
	Sense of accent
Accent recognition	Accent misrecognition
Accent perception	Accent misperception
	Sense of guilt

Guilt recognition	Guilt misrecognition
Guilt perception	Guilt complex
	Sense of embarrassment
Embarrassment recognition	Embarrassment misrecognition
Embarrassment perception	Embarrassment misperception
	Sense of sensitivity
Sensitivity recognition	Sensitivity misrecognition
Sensitivity perception	Sensitivity misperception
	Sense of kindness
Kindness recognition	Kindness misrecognition
Kindness perception	Kindness misperception
	Sense of social pleasure
Social pleasure recognition	Social pleasure misrecognition
Social pleasure perception	Social pleasure misperception
	Sense of musical pleasure
Musical pleasure recognition	Musical pleasure misrecognition
Musical pleasure perception	Musical pleasure misperception
	Sense of sensory pleasure
Sensory pleasure recognition	Sensory pleasure misrecognition
Sensory pleasure perception	Sensory pleasure misperception

	Sense of sexual pleasure
Sexual pleasure recognition	Sexual pleasure misrecognition
Sexual pleasure perception	Sexual pleasure misperception

Table 20

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of mood (chemicals)	No general sense of mood

Table 21

Areas of intelligence	Deficit/ Natural ability
	General sense of mood
Sense of elements	No sense of elements
Sense of optics	No sense of optics
Sense of atomic	No sense of atomic
Sense of radioactivity	No sense of radioactivity
Sense of nuclear	No sense of nuclear
Sense of periodic	No sense of periodic

Table 22

Areas of intelligence	Deficit/ Natural ability
	Sense of elements

Sense of bonded	No sense of bonded
Sense of unbonded	No sense of unbonded
	Sense of optics
Sense of rays	No sense of rays
Sense of emissions	No sense of emissions
	Sense of atomic
Sense of s nucleus	No sense of nucleus
Sense of orbits	No sense of orbits
	Sense of radioactive
Sense of radiation	No sense of radiation
Sense of reaction	No sense of weak
	Sense of nuclear
Sense of fusion	No sense of fusion
Sense of fission	No sense of splitting
	Sense of periodic
Sense of burning	No sense of burning
Sense of reaction	No sense of reaction

Table 23

Areas of intelligence	Deficit/ Natural ability
	Sense of bonded
Sense of solid	No sense of solid
Sense of liquid	No sense of liquid
	Sense of unbonded
Sense of gas	No sense of gas
Sense of plasma	No sense of plasma
	Sense of rays
Sense of reflection	No sense of reflection
Sense of refraction	No sense of refraction
	Sense of emissions
Sense of photo	No sense of photo
Sense of electric	No sense of electric
	Sense of nucleus
Sense of mood of three	No sense of mood of three
Sense of binding	No sense of binding
	Sense of orbits
Sense of gravitation	No sense of gravitation
Sense of center	No sense of center

	Sense of radiation
Sense of ionizing	No sense of ionizing
Sense of non-ionizing	No sense of non-ionizing
	Sense of reaction
Sense of decay	No sense of decay
Sense of balanced mood	No sense of balance mood
	Sense of fusion
Sense of heavy	No sense of heavy
Sense of unstable	No sense of unstable
	Sense of fission
Sense of light	No sense of light
Sense of stable	No sense of stable
	Sense of burning
Sense of smoke (rising mood)	No sense of smoke
Sense of danger	No sense of danger
	Sense of reaction
Sense of corrosive	No sense of corrosive
Sense of toxic	No sense of toxic

Table 24

Areas of intelligence	Deficit/ Natural ability
	Sense of solid
Solid recognition	Solid misrecognition
Solid perception	Solid misperception
	Sense of liquid
Liquid recognition	Liquid misrecognition
Liquid perception	Liquid misperception
	Sense of gas
Gas recognition	Gas misrecognition
Gas perception	Pyromania
	Sense of plasma
Plasma recognition	Plasma misrecognition
Plasma perception	Plasma misperception
	Sense of reflection
Reflection recognition	Reflection misrecognition
Reflection perception	Reflection misperception
	Sense of refraction
Refraction recognition	Refraction misrecognition
Refraction perception	Refraction misperception

	Sense of photo
Photo recognition	Photo misrecognition
Photo perception	Photo misperception
	Sense of electric
Electric recognition	Electric misrecognition
Electric perception	Electric misperception
	Sense of mood of three
Mood of three recognition	Mood of three misrecognition
Mood of three perception	Mood of three misperception
	Sense of binding
Binding recognition	Binding misrecognition
Binding perception	Binding misperception
	Sense of orbits
Gravitation recognition	Gravitation misrecognition
Gravitation perception	Gravitation misperception
	Sense of center
Center recognition	Center misrecognition
Center perception	Center misperception
	Sense of ionizing
Ionizing recognition	Ionizing misrecognition

Ionizing perception	Ionizing misperception
	Sense of non-ionizing
Non-ionizing recognition	Non-ionizing misrecognition
Non-ionizing perception	Non-ionizing misperception
	Sense of decay
Decay recognition	Decay misrecognition
Decay perception	Decay misperception
	Sense of balanced mood
Balanced mood recognition	Balanced mood misrecognition
Balanced mood perception	Balanced mood misperception
	Sense of heavy mood
Heavy mood recognition	Heavy mood misrecognition
Heavy mood perception	Heavy mood misperception
	Sense of unstable
Unstable recognition	Unstable misrecognition
Unstable perception	Unstable misperception
	Sense of light mood
Light mood recognition	Light mood misrecognition
Light mood perception	Light mood misperception
	Sense of stable

Stable recognition	Stable misrecognition
Stable perception	Stable misperception
	Sense of smoke
Smoke recognition	Smoke misrecognition
Smoke perception	Smoke misperception
	Sense of danger
Danger recognition	Danger misrecognition
Danger perception	Danger misperception
	Sense of corrosive
Corrosive recognition	Corrosive misrecognition
Corrosive perception	Corrosive misperception
	Sense of toxic mood
Toxic mood recognition	Toxic mood misrecognition
Toxic mood perception	Toxic mood misperception

Table 25

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of soul	No general sense of soul

Table 26

Areas of intelligence	Deficit/ Natural ability
	General sense of soul
Sense of existence	No sense of existence
Sense of think	Blank mind
Sense of method	No sense of method
Sense of justice	No sense of justice
Sense of hope	No sense of hope
Sense of spirit	No sense of spirit

Table 27

Areas of intelligence	Deficit/ Natural ability
	Sense of existence
Sense of being	No sense of being
Sense of place	No sense of place
	Sense of think
Sense of answer	Ganser syndrome
Sense of question	No sense of question
	Sense of method
Sense of observation	No sense of observation
Sense of experimentation	No sense of experimentation

	Sense of justice
Sense of law	No sense of law
Sense of order	Disorder
	Sense of hope
Sense of meaning	No sense of meaning
Sense of purpose	No sense of purpose
	Sense of spirit
Sense of free	Possession delusions
Sense of will	Abulia

	Sense of question
Sense of open question	No sense of open question
Sense of closed question	No sense of closed question
	Sense of observation
Sense of research	No sense of research
Sense of hypothesis	No sense of hypothesis
	Sense of experimentation
Sense of prediction	No sense of prediction
Sense of results	No sense of results
	Sense of law
Sense of good	No sense of good
Sense of evil	No sense of evil
	Sense of order
Sense of right	No sense of right
Sense of wrong	No sense of wrong
	Sense of meaning
Sense of patterns	No sense of patterns
Sense of signs	No sense of signs
	Sense of purpose
Sense of hobbies	No sense of hobbies

Table 28

Areas of intelligence	Deficit/ Natural ability
	Sense of being
Sense of higher being	No sense of higher being
Sense of lesser being	No sense of lesser being
	Sense of place
Sense of higher place	No sense of higher place
Sense of lower place	No sense of lower place
	Sense of answer
Sense of opinion	No sense of opinion
Sense of facts	No sense of facts

Sense of interests	No sense of interest
	Sense of free
Sense of knowledge	No sense of knowledge
Sense of judgement	No sense of judgement
	Sense of will
Sense of always	No sense of always
Sense of never	No sense of never

Lower place recognition	Lower place misrecognition
Lower place perception	Lower place misperception
	Sense of opinions
Opinion recognition	Opinion misrecognition
Opinion perception	Opinion misperception
	Sense of facts
Fact recognition	Fact misrecognition
Fact perception	Fact misperception
	Sense of open question
Open question recognition	Open question misrecognition
Open question perception	Open question misperception
	Sense of closed question
Closed question recognition	Closed question misrecognition
Closed question perception	Closed question misperception
	Sense of research
Research recognition	Research misrecognition
Research perception	Studyholism
	Sense of hypothesis
Hypothesis recognition	Hypothesis misrecognition
Hypothesis perception	Hypothesis misperception

Table 29

Areas of intelligence	Deficit/ Natural ability
	Sense of higher being
Higher being recognition	Higher being misrecognition
Higher being perception	Superiority complex
	Sense of lesser being
Lesser being recognition	Lesser being misrecognition
Lesser being perception	Inferiority complex
	Sense of higher place
Higher place recognition	Higher place misrecognition
Higher place perception	Higher place misperception
	Sense of lower place

	Sense of prediction
Prediction recognition	Prediction misrecognition
Prediction perception	Prediction misperception
	Sense of results
Results recognition	Results misrecognition
Results perception	Results misperception
	Sense of good
Good recognition	Good misrecognition
Good perception	Good misperception
	Sense of evil
Evil recognition	Evil misrecognition
Evil perception	Evil misperception
	Sense of right
Right recognition	Right misrecognition
Right perception	Right misperception
	Sense of wrong
Wrong recognition	Wrong misrecognition
Wrong perception	Wrong misperception
	Sense of patterns
Pattern recognition	Pattern misrecognition

Pattern perception	Apophenia
	Sense of signs
Signs recognition	Signs misrecognition
Signs perception	Signs misperception
	Sense of hobbies
Hobbies recognition	Hobbies misrecognition
Hobbies perception	Hobbies misperception
	Sense of interests
Interests recognition	Interests misrecognition
Interests perception	Interests misperception
	Sense of knowledge
Knowledge recognition	Knowledge misrecognition
Knowledge perception	Knowledge misperception
	Sense of judgement
Judgement recognition	Judgement misrecognition
Judgement perception	Judgement misperception
	Sense of always
Always recognition	Always misrecognition
Always perception	Always misperception
	Sense of never

Never recognition	Never misrecognition
Never perception	Never misperception

Table 30

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of dreams	Charcot-Wilbrand syndrome

Table 31

Areas of intelligence	Deficit/ Natural ability
	General sense of dreams
Sense of wish	No sense of wish
Sense of fantasy	No sense of fantasy
Sense of fiction	No sense of fiction
Sense of non-fiction	No sense of non-fiction
Sense of aliens	No sense of aliens
Sense of horror	No sense of horror

Table 32

Areas of intelligence	Deficit/ Natural ability
	Sense of wish
Sense of status	No sense of status

Sense of outcome	No sense of outcome
	Sense of fantasy
Sense of supernatural	No sense of supernatural
Sense of physical fantasy	No sense of physical fantasy
	Sense of fiction
Sense of present	No sense of present
Sense of story	No sense of story
	Sense of non-fiction
Sense of daydreams	No sense of daydreams
Sense of night dreams	No sense of night dreams
	Sense of aliens
Sense of known	No sense of known
Sense of encounters	No sense of encounters
	Sense of horror
Sense of death	No sense of death
Sense of harm	No sense of harm

Table 33

Areas of intelligence	Deficit/ Natural ability
	Sense of status
Sense of wealth	No sense of wealth

Sense of fame	No sense of fame
	Sense of outcome
Sense of granted	No sense of granted
Sense of deny	No sense of deny
	Sense of supernatural
Sense of beasts	No sense of beasts
Sense of magic	No sense of magic
	Sense of physical fantasy
Sense of sex fantasy	No sense of sex fantasy
Sense of food fantasy	No sense of food fantasy
	Sense of present
Sense of past	No sense of past
Sense of future	No sense of future
	Sense of story
Sense of plots	No sense of plots
Sense of characters	No sense of characters
	Sense of daydreams
Sense of reference	No sense of reference
Sense of potential	No sense of partner dreams
	Night dreams

Sense of waking up	No sense of waking up
Sense of lucid dreams	No sense of lucid dreams
	Sense of encounter
Sense of invasion	No sense of invasion
Sense of abductions	No sense of abductions
	Sense of known dream
Sense of confused dream	No sense of confused dream
Sense of possibility dream	No sense of possibility dream
	Sense of death
Sense of suicide	No sense of suicide
Sense of murder	No sense of murder
	Sense of harm
Sense of persecution	No sense of persecution
Sense of Trauma	No sense of trauma

Table 34

Areas of intelligence	Deficit/ Natural ability
	Sense of wealth
Wealth recognition	Wealth misrecognition
Wealth perception	Wealth misperception

	Sense of fame
Fame recognition	Fame misrecognition
Fame perception	Fame misperception
	Sense of granted
Granted recognition	Granted misrecognition
Granted perception	Granted misperception
	Sense of deny
Deny recognition	Deny misrecognition
Deny perception	Deny misperception
	Sense of beasts
Beasts recognition	Beasts misrecognition
Beasts perception	Clinical lycanthropy
	Sense of magic
Magic recognition	Magic misrecognition
Magic perception	Magical thinking
	Sense of sex fantasy
Sex fantasy recognition	Sex fantasy misrecognition
Sex fantasy perception	Sex fantasy misperception
	Sense of food fantasy
Food fantasy recognition	Food fantasy misrecognition

Food fantasy perception	Food fantasy imperception
	Sense of past
Past recognition	Past misrecognition
Past perception	Past misperception
	Sense of future
Future recognition	Future misrecognition
Future perception	Future misperception
	Sense of plots
Plots recognition	Plots misrecognition
Plots perception	Plots misperception
	Sense of characters
Characters recognition	Characters misrecognition
Characters perception	Characters misperception
	Sense of reference
Reference recognition	Reference misrecognition
Reference perception	Delusions of reference
	Sense of potential
Potential recognition	Potential misrecognition
Potential perception	Potential misperception
	Sense of waking up

Waking up recognition	Waking up misrecognition
Waking up perception	Waking up misperception
	Sense of lucid dreams
Lucid dreams recognition	Lucid dream misrecognition
Lucid dream perception	Lucid dream misperception
	Sense of invasions
Invasions recognition	Invasions misrecognition
Invasions perception	Invasions misperception
	Sense of abductions
Abductions recognition	Abductions misrecognition
Abductions perception	Abductions misperception
	Sense of confused dream
Confused dream recognition	Confused dream misrecognition
Confused dream perception	Confused dream misperception
	Sense of possibility dreams

Possibility dreams recognition	Possibility dreams misrecognition
Possibility dreams perception	Possibility dreams misperception
	Sense of suicide
Suicide recognition	Suicide misrecognition
Suicide perception	Suicide misperception
	Sense of murder
Murder recognition	Murder misrecognition
Murder perception	Murder misperception
	Sense of persecution
Persecution recognition	Persecution misrecognition
Persecution perception	Persecution misperception
	Sense of trauma
Trauma recognition	Trauma misrecognition
Trauma perception	Trauma misperception

Table 36

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of personality	No general sense of personality

Table 37

Areas of intelligence	Deficit/ Natural ability
	General sense of personality
Sense of authenticity	No sense of authenticity
Sense of confidence	No sense of confidence
Sense of patience	No sense of patience
Sense of respect	No sense of respect
Sense of sameness	No sense of sameness
Sense of insight	No sense of insight

Table 38

Areas of intelligence	Deficit/ Natural ability
	Sense of authenticity
Sense of attachment	No sense of attachment
Sense of impulse	No sense of impulse
	Sense of confidence

Sense of pursuit	No sense of pursuit
Sense of adventure	No sense of adventure
	Sense of patience
Sense of mind	No sense of mind
Sense of control	No sense of control
	Sense of respect
Sense of trust	No sense of trust
Sense of self	No sense of self
	Sense of sameness
Sense of similarity	No sense of similarity
Sense of difference	No sense of difference
	Sense of insight
Sense of foresight	No sense of foresight
Sense of hindsight	No sense of hindsight

Table 39

Areas of intelligence	Deficit/ Natural ability
	Sense of attachment
Sense of independence	No sense of independence
Sense of dependence	No sense of dependence
	Sense of impulse

Sense of activity	No sense of activity
Sense of attention	No sense of attention
	Sense of pursuit
Sense of curiosity	No sense of curiosity
Sense of conversation	No sense of conversation
	Sense of adventure
Sense of thrills	No sense of thrills
Sense of routine	No sense of routine
	Sense of mind
Sense of thoughts	Derailment
Sense of behaviour	No sense of behaviour
	Sense of control
Sense of organisation	No sense of organisation
Sense of perfection	No sense of perfection
	Sense of trust
Sense of lies	No sense of lies
Sense of truth	No sense of truth
	Sense of self
Sense of self reliance	No sense of self reliance
Sense of self assurance	No sense of self assurance

	Sense of similarity
Sense of responsibility	No sense of responsibility
Sense of altruism	No sense of altruism
	Sense of difference
Sense of compliance	No sense of compliance
Sense of defiance	No sense of defiance
	Sense of foresight
Sense of goals	No sense of goals
Sense of plans	No sense of plans
	Sense of hindsight
Sense of efficiency	No sense of efficiency
Sense of work	No sense of work

Table 40

Areas of intelligence	Deficit/ Natural ability
	Sense of independence
Independence recognition	Independence misrecognition
Independence perception	Compulsive independence
	Sense of dependence
Dependence recognition	Dependence misrecognition

Dependence perception	Dependant personality disorder
	Sense of activity
Activity recognition	Activity misrecognition
Activity perception	Hyper-activity
	Sense of attention
Attention recognition	Attention misrecognition
Attention perception	Hyper-fixation
	Sense of curiosity
Curiosity recognition	Curiosity misrecognition
Curiosity perception	Obsessive compulsive
	Sense of conversation
Conversation recognition	Conversation misrecognition
Conversation perception	Compulsive conversations
	Sense of thrills
Thrills recognition	Thrills misrecognition
Thrills perception	Compulsive thrills
	Sense of routine
Routine recognition	Routine misrecognition
Routine perception	Compulsive routines

	Sense of thoughts
Thoughts recognition	Thoughts misrecognition
Thoughts perception	Compulsive thoughts
	Sense of behaviour
Behaviour recognition	Behaviour misrecognition
Behaviour perception	Compulsive behaviour
	Sense of organisation
Organisation recognition	Organisation misrecognition
Organisation perception	Compulsive organisation
	Sense of perfection
Perfection recognition	Perfection misrecognition
Perfection perception	Compulsive perception
	Sense of lies
Lies recognition	Lies misrecognition
Lies perception	Compulsive lying
	Sense of truth
Truth recognition	Truth misrecognition
Truth perception	Compulsive truth
	Sense of self assurance
Self-assurance recognition	Self-assurance misrecognition

Self-assurance perception	Compulsive self-assurance
	Sense of self reliance
Self-reliance recognition	Self-reliance misrecognition
Self-reliance perception	Compulsive self-reliance
	Sense of responsibility
Responsibility recognition	Responsibility misrecognition
Responsibility perception	Compulsive responsibility
	Sense of altruism
Altruism recognition	Altruism misrecognition
Altruism perception	Compulsive altruism
	Sense of compliance
Compliance recognition	Compliance misrecognition
Compliance perception	Compulsive compliance
	Sense of defiance
Defiance recognition	Defiance misrecognition
Defiance perception	Oppositional defiant disorder
	Sense of goals
Goals recognition	Goals misrecognition
Goals perception	Compulsive goals
	Sense of plans

Plans recognition	Plans misrecognition
Plans perception	Compulsive plans
	Sense of efficiency
Efficiency recognition	Efficiency misrecognition
Efficiency perception	Compulsive efficiency
	Sense of work
Work recognition	Work misrecognition
Work perception	Workaholism

The tables past this point have omitted perception and recognition for the sake of space.

Table 41

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of coordination	Ataxia

Table 42

Areas of intelligence	Deficit/ Natural ability
	General sense of coordination
Sense of facial coordination	No sense of facial coordination
Sense of body coordination	No sense of body coordination
Sense of arm coordination	No sense of arm coordination

Sense of leg coordination	No sense of leg coordination
Sense of hand coordination	No sense of hand coordination
Sense of feet coordination	No sense of feet coordination

Table 43

Areas of intelligence	Deficit/ Natural ability
	Sense of face coordination
Sense of whole faces	No sense of whole faces
Sense of face distance	No sense of face distance
	Sense of body coordination
Sense of whole body	No sense of whole body
Sense of body distance	No sense of body distance
	Sense of arm coordination
Sense of whole arm	No sense of whole arm
Sense of arm distance	No sense of arm distance
	Sense of leg coordination
Sense of whole legs	No sense of whole legs
Sense of leg distance	No sense of leg distance
	Sense of hand coordination
Sense of whole hand	No sense of whole hand

Sense of hand distance	No sense of hand distance
	Sense of feet coordination
Sense of whole feet	No sense of whole feet
Sense of feet distance	No sense of feet distance

Table 44

Areas of intelligence	Deficit/ Natural ability
	Sense of whole faces
Sense of self face	No sense of self face
Sense of other face	No sense of other face
	Sense of face distance
Sense of face speed	No sense of face speed
Sense of face position	No sense of face position
	Sense of whole body
Sense of self body	No sense of self body
Sense of other body	No sense of other body
	Sense of body distance
Sense of body speed	No sense of body speed
Sense of body position	No sense of body position
	Sense of whole arms

Sense of self arm	No sense of self arm
Sense of other arm	No sense of other arm
	Sense of arm distance
Sense of arm speed	No sense of arm speed
Sense of arm position	No sense of arm position
	Sense of whole leg
Sense of self leg	No sense of self leg
Sense of other leg	No sense of other leg
	Sense of leg distance
Sense of leg speed	No sense of leg speed
Sense of leg position	No sense of leg position
	Sense of whole hand
Sense of self hand	No sense of self hand
Sense of other hand	No sense of other hand
	Sense of hand distance
Sense of hand speed	No sense of hand speed
Sense of hand position	No sense of hand position
	Sense of whole feet
Sense of self feet	No sense of self feet
Sense of other feet	No sense of other feet

	Sense of feet distance
Sense of feet speed	No sense of feet speed
Sense of feet position	No sense of feet position

Table 45

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of linguistics	Global aphasia

Table 46

Areas of intelligence	Deficit/ Natural ability
	General sense of linguistics
Sense of nouns	Anomic aphasia
Sense of fluency	Broca's aphasia
Sense of word production	Wernickes aphasia
Sense of auditory word comprehension	Word deafness
Sense of language expression	No sense of language expression
Sense of word repetition	No sense of word repetition

Table 47

Areas of intelligence	Deficit/ Natural ability
	Sense of nouns
Sense of noun selection	Selection anomia
Sense of production of nouns	Production anomia
	Sense of fluency
Sense of word quality	No sense of word quality
Sense of word quantity	Alogia
	Sense of word production
Sense of phonology	Phonological dyslexia
Sense of jargon	No sense of jargon
	Sense of auditory word comprehension
Sense of visual letters	No sense of visual letters
Sense of visual words	Alexia
	Sense of language expression
Sense of expression of hands	No sense of expression of hands
Sense of expression of speech	No sense of expression of speech
	Sense of word repetition

Sense of echo of others	No sense of echo of others
Sense of self echo	No sense of self echo

Table 48

Areas of intelligence	Deficit/ Natural ability
	Sense of noun selection
Sense of categories	Category anomia
Sense of modalities	Modality anomia
	Sense of noun production
Sense of semantic nouns	Semantic anomia
Sense of transmission	Callosal anomia
	Sense of word quality
Sense of speech organisation	Cluttering
Sense of speech flow	No sense of speech flow
	Sense of word quantity
Sense of long words	No sense of long words
Sense of short words	No sense of short words
	Sense of phonology
Sense of phonemes	No sense of phonemes
Sense of allophones	No sense of allophones

	Sense of jargon
Sense of neologisms	No sense of neologisms
Sense of semantic production	No sense of semantic production
	Sense of visual letters
Sense of letter position	No sense of letter position
Sense of letter identity	No sense of letter identity
	Sense of visual words
Sense of word position	No sense of word position
Sense of word identity	No sense of word identity
	Sense of expression of hands
Sense of written expression	Dysgraphia
Sense of sign language	No sense of sign language
	Sense of expression of speech
Sense of speech execution	Dysarthria
Sense of speech planning	Apraxia
	Sense of echo of others
Sense of echo of words	No sense of echo of words
Sense of echo of actions	No sense of echo of actions

	Sense of self echo
Sense of obscenity	No sense of obscenity
Sense of phrases	No sense of phrases

Table 49

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of society	No general sense of society

Table 50

Areas of intelligence	Deficit/ Natural ability
	General sense of society
Sense of survivalism	No sense of survivalism
Sense of nomad	No sense of nomad
Sense of cities	No sense of cities
Sense of state	No sense of state
Sense of government	No sense of government
Sense of culture	No sense of culture

Table 51

Areas of intelligence	Deficit/ Natural ability
	Sense of survivalism

Sense of resources	No sense of resources
Sense of acquisition	No sense of acquisition
	Sense of nomad
Sense of migration	No sense of migration
Sense of herds	No sense of herds
	Sense of cities
Sense of farms	No sense of farms
Sense of land	No sense of land
	Sense of state
Sense of economy	No sense of economy
Sense of authority	No sense of authority
	Sense of government
Sense of elections	No sense of elections
Sense of decisions	No sense of decisions
	Sense of culture
Sense of values	No sense of values
Sense of beliefs	No sense of beliefs

Sense of hunter	No sense of hunter
Sense of gatherer	No sense of gatherer
	Sense of acquisition
Sense of shelter	No sense of shelter
Sense of territory	No sense of territory
	Sense of migration
Sense of travel	No sense of travel
Sense of routes	No sense of routes
	Sense of herds
Sense of domestication	No sense of domestication
Sense of pastures	No sense of pastures
	Sense of farms
Sense of subsistence	No sense of subsistence
Sense of commercial farms	No sense of commercial farms
	Sense of land
Sense of home	No sense of home
Sense of enclosures	No sense of enclosures
	Sense of economy
Sense of money	No sense of money
Sense of shops	No sense of shops

Table 52

Areas of intelligence	Deficit/ Natural ability
	Sense of resources

	Sense of authority
Sense of executive	No sense of executive
Sense of court	No sense of court
	Sense of elections
Sense of the individual	No sense of the individual
Sense of the collective	No sense of the collective
	Sense of decisions
Sense of policies	No sense of policies
Sense of procedures	No sense of procedures
	Sense of values
Sense of sport	No sense of sport
Sense of traditions	No sense of traditions
	Sense of beliefs
Sense of norms	No sense of norms
Sense of taboos	No sense of taboos

Table 53

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of technology	No general sense of technology

Table 54

Areas of intelligence	Deficit/ Natural ability
	General sense of technology
Sense of clothes	No sense of clothes
Sense of tools	No sense of tools
Sense of information	No sense of information
Sense of industry	No sense of industry
Sense of drive	No sense of drive
Sense of computation	No sense of computation

Table 55

Areas of intelligence	Deficit/ Natural ability
	Sense of clothes
Sense of necessary	No sense of necessary
Sense of unnecessary	No sense of unnecessary
	Sense of tools
Sense of holding	No sense of holding
Sense of throwing	No sense of throwing
	Sense of information
Sense of problems	No sense of problems
Sense of mystery	No sense of mystery

	Sense of industry
Sense of production	No sense of production
Sense of consumption	No sense of consumption
	Sense of drive
Sense of fuel	No sense of fuel
Sense of propellant	No sense of propellant
	Sense of computation
Sense of creativity	No sense of creativity
Sense of logic	No sense of logic

	Sense of throwing
Sense of aim	No sense of aim
Sense of shoot	No sense of shoot
	Sense of problems
Sense of analysis	No sense of analysis
Sense of solutions	No sense of solutions
	Sense of mystery
Sense of clues	No sense of clues
Sense of guesses	No sense of guesses
	Sense of production
Sense of goods	No sense of goods
Sense of services	No sense of services
	Sense of consumption
Sense of materials	No sense of materials
Sense of labour	No sense of labour
	Sense of fuel
Sense of drag	No sense of drag
Sense of buoyancy	No sense of buoyancy
	Sense of propellant
Sense of lift	No sense of lift

Table 56

Areas of intelligence	Deficit/ Natural ability
	Sense of necessary
Sense of shirts	No sense of shirts
Sense of pants	No sense of pants
	Sense of unnecessary
Sense of shoes	No sense of shoes
Sense of hats	No sense of hats
	Sense of holding
Sense of hitting	No sense of hitting
Sense of turning	No sense of turning

Sense of thrust	No sense of thrust
	Sense of creativity
Sense of models	No sense of models
Sense of ideas	No sense of ideas
	Sense of logic
Sense of gates	No sense of gates
Sense of algorithms	No sense of algorithms

Table 57

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of artificiality	No general sense of artificiality

Table 58

Areas of intelligence	Deficit/ Natural ability
	General sense of artificiality
Sense of expertise	No sense of expertise
Sense of networks	No sense of networks
Sense of automation	No sense of automation
Sense of robotics	No sense of robotics
Sense of learning	No sense of learning

Sense of reinforcement	No sense of reinforcement
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Table 59

Areas of intelligence	Deficit/ Natural ability
	Sense of expertise
Sense of profession	No sense of profession
Sense of management	No sense of management
	Sense of networks
Sense of small networks	No sense of small networks
Sense of large networks	No sense of large networks
	Sense of automation
Sense of click	No sense of click
Sense of collect	No sense of collect
	Sense of robotics
Sense of non-mobile	No sense of non-mobile
Sense of mobile	No sense of mobile
	Sense of learning
Sense of supervised	No sense of supervised
Sense of unsupervised	No sense of unsupervised
	Sense of reinforcement

Sense of positive reinforcement	No sense of positive reinforcement
Sense of negative reinforcement	No sense of negative reinforcement

Sense of control system	No sense of control system
	Sense of collect
Sense of process	No sense of process
Sense of delivery	No sense of delivery
	Sense of non-mobile
Sense of manufacturing	No sense of manufacturing
Sense of appliances	No sense of appliances
	Sense of mobile
Sense of organic robots	No sense of organic robots
Sense of non-organic robots	No sense of non-organic robots
	Sense of supervised
Sense of regression	No sense of regression
Sense of classification	No sense of classification
	Sense of unsupervised
Sense of clustering	No sense of clustering
Sense of association rules	No sense of association rules
	Sense of positive reinforcement
Sense of praise	No sense of praise
Sense of treats	No sense of treats
	Sense of negative reinforcement

Table 60

Areas of intelligence	Deficit/ Natural ability
	Sense of profession
Sense of specialty	No sense of specialty
Sense of skill	No sense of skill
	Sense of management
Sense of strategy	No sense of strategy
Sense of tactics	No sense of tactics
	Sense of small networks
Sense of personal network	No sense of personal network
Sense of local network	No sense of local network
	Sense of large network
Sense of metropolitan network	No sense of metropolitan network
Sense of wide area network	No sense of wide area network
	Sense of click
Sense of program	No sense of program

Sense of escape	No sense of escape
Sense of avoidance	No sense of avoidance

Table 61

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of maths	Dyscalculia

Table 62

Areas of intelligence	Deficit/ Natural ability
	General sense of maths
Sense of equals	No sense of equals
Sense of geometry	No sense of geometry
Sense of determinism	No sense of determinism
Sense of calculus	No sense of calculus
Sense of counting	No sense of counting
Sense of measurement	No sense of measurement

Table 63

Areas of intelligence	Deficit/ Natural ability
	Sense of equals
Sense of greater than	No sense of greater than

Sense of lesser than	No sense of lesser than
	Sense of geometry
Sense of planes	No sense of planes
Sense of trigonometry	No sense of trigonometry
	Sense of determinism
Sense of statistics	No sense of statistics
Sense of probability	No sense of probability
	Sense of calculus
Sense of differentials	No sense of differentials
Sense of integrals	No sense of integrals
	Sense of counting
Sense of number	No sense of number
Sense of system	No sense of system
	Sense of measurement
Sense of quality	No sense of quality
Sense of quantity	No sense of quantity

Table 64

Areas of intelligence	Deficit/ Natural ability
	Sense of less than

Sense of subtraction	No sense of subtraction
Sense of division	No sense of division
	Sense of greater than
Sense of addition	No sense of addition
Sense of multiplication	No sense of multiplication
	Sense of planes
Sense of points	No sense of points
Sense of lines	No sense of lines
	Sense of trigonometry
Sense of angles	No sense of angles
Sense of degrees	No sense of degrees
	Sense of statistics
Sense of description	No sense of description
Sense of inferential	No sense of inferential
	Sense of probability
Sense of randomness	No sense of randomness
Sense of chance	No sense of chance
	Sense of differential
Sense of derivative	No sense of derivative
Sense of function	No sense of function

	Sense of integral
Sense of area	No sense of area
Sense of limit	No sense of limit
	Sense of number
Sense of real numbers	No sense of real numbers
Sense of complex numbers	No sense of complex numbers
	Sense of system
Sense of binary	No sense of binary
Sense of non-binary	No sense of non-binary
	Sense of quality
Sense of nominal	No sense of nominal
Sense of ordinal	No sense of ordinal
	Sense of quantity
Sense of interval	No sense of interval
Sense of ratio	No sense of ratio

Hallucination areas will again reintroduce perception, to explain hallucinations

Table 65

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of	No general sense

hallucinations	of hallucinations
General perception of hallucinations	Alice in wonderland syndrome

Table 66

Areas of intelligence	Deficit/ Natural ability
	General sense of hallucinations
Sense of somatic hallucinations	No sense of somatic hallucinations
Sense of object hallucinations	No sense of object hallucination
Sense of auditory hallucinations	No sense of auditory hallucinations
Sense of flavour hallucination	No sense of flavour hallucination
Sense of sleep hallucinations	No sense of sleep hallucinations
Sense of image hallucination	No sense of image hallucination

Table 67

Areas of intelligence	Deficit/ Natural ability
	Sense of somatic hallucination
Sense of body size hallucinations	No sense of body size hallucination
Sense of lumps	No sense of lumps
	Sense of object hallucination

Sense of object size	No sense of object size
Sense of zoom	No sense of zoom
	Sense of auditory hallucinations
Sense of sound hallucination	No sense of sound hallucination
Sense of frequency	No sense of frequency
	Sense of flavour
Sense of nostrils	No sense of nostrils
Sense of taste buds	No sense of taste buds
	Sense of sleep hallucinations
Sense of trance	No sense of trance
Sense of episode	No sense of episode
	Sense of image hallucinations
Sense of spots	No sense of spots
Sense of spirals	No sense of spirals

Table 68

Areas of intelligence	Deficit/ Natural ability
	Sense of body size hallucinations
Sense of little body	No sense of little body
Sense of big body	No sense of big body

	Sense of lumps
Sense of scraping	No sense of scraping
Sense of crawling	No sense of crawling
	Sense of object size
Sense of smaller objects	No sense of smaller objects
Sense of bigger objects	No sense of bigger objects
	Sense of zoom
Sense of closer	No sense of closer
Sense of farther	No sense of farther
	Sense of sound hallucinations
Sense of voice hallucinations	No sense of voice hallucinations
Sense of music hallucinations	No sense of music hallucinations
	Sense of frequency
Sense of low frequency	No sense of low frequency
Sense of high frequency	No sense of high frequency
	Sense of nostrils
Sense of left nostril hallucination	No sense of left nostril hallucination
Sense of right nostril hallucination	No sense of right nostril hallucination
	Sense of taste hallucination

Sense of sour/basic hallucination	No sense of sour/basic hallucination
Sense of salty/sweet hallucination	No sense of salty/sweet hallucination
	Sense of trance
Sense of falling asleep hallucination	No sense of falling asleep hallucination
Sense of waking up hallucination	No sense of waking up hallucination
	Sense of episode
Sense of explosion	No sense of explosion
Sense of sleep paralysis	No sense of sleep paralysis
	Sense of spots
Sense of snow hallucinations	No sense of snow hallucinations
Sense of flashes	No sense of flashes
	Sense of spirals
Sense of oscillations	No sense of oscillations
Sense of face hallucination	No sense of face hallucination
Areas of intelligence	Deficit/ Natural ability
	Sense of little body
Little body perception	Microsomatagnosia
	Sense of big body

Big body perception	Macrosomatagnosia
	Sense of scraping
Scraping perception	Scraping misperception
	Sense of crawling
Crawling perception	Crawling misperception
	Sense of smaller object
Smaller object perception	Micropsia
	Sense of bigger object
Bigger object perception	Macropsia
	Sense of closer
Closer perception	Pelopsia
	Sense of farther
Farther perception	Teleopsia
	Sense of low frequency
Low frequency perception	Low frequency tinnitus
	Sense of high frequency
High frequency perception	High frequency tinnitus
	Sense of falling asleep hallucinations
Falling asleep perception	Hypnogogic hallucinations

	Sense of waking up hallucinations
Waking up perception	Hypnopompic hallucinations
	Sense of explosion
Explosion perception	Exploding head syndrome
	Sense of oscillations
Oscillation perception	Oscillopsia
	Sense of face hallucinations
Face hallucination perception	Face pareidolia

Table 69

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of health	No general sense of health

Table 70

Areas of intelligence	Deficit/ Natural ability
	General sense of health
Sense of condition	Anosognosia
Sense of nurse	No sense of nurse
Sense of diagnosis	No sense of diagnosis
Sense of hygiene	No sense of hygiene

Sense of medicine	No sense of medicine
Sense of drugs	No sense of drugs

Table 71

Areas of intelligence	Deficit/ Natural ability
	Sense of condition
Sense of disease	No sense of disease
Sense of impairment	No sense of impairment
	Sense of nurse
Sense of doctor	No sense of doctor
Sense of surgeon	No sense of surgeon
	Sense of diagnosis
Sense of symptoms	No sense of symptoms
Sense of outbreak	No sense of outbreak
	Sense of hygiene
Sense of oral hygiene	No sense of oral hygiene
Sense of body hygiene	No sense of body hygiene
	Sense of medicine
Sense of oral medicine	No sense of oral medicine
Sense of topical medicine	No sense of topical medicine

	Sense of drugs
Sense of antagonist	No sense of antagonist
Sense of agonist	No sense of agonist

Table 72

Areas of intelligence	Deficit/ Natural ability
	Sense of disease
Sense of curable disease	No sense of curable disease
Sense of incurable disease	No sense of incurable disease
	Sense of impairment
Sense of handicap	No sense of handicap
Sense of disability	No sense of disability
	Sense of doctor
Sense of inpatient	No sense of inpatient
Sense of outpatient	No sense of outpatient
	Sense of surgeon
Sense of amputation	No sense of amputation
Sense of incision	No sense of incision
	Sense of symptoms
Sense of treatment	No sense of treatment

Sense of therapy	No sense of therapy
	Sense of outbreak
Sense of plague	No sense of plague
Sense of infestation	No sense of infestation
	Sense of oral hygiene
Sense of brush	No sense brush
Sense of floss	No sense of floss
	Sense of body hygiene
Sense of wash	No sense of wash
Sense of clean	No sense of clean
	Sense of oral medicine
Sense of pills	No sense of pills
Sense of tablets	No sense of tablets
	Sense of topical medication
Sense of spray	No sense of spray
Sense of cream	No sense of cream
	Sense of antagonist
Sense of depressants	No sense of depressants
Sense of stabilisers	No sense of stabilisers
	Sense of agonist

Sense of stimulant	No sense of stimulant
Sense of hallucinogen	No sense of hallucinogen

Table 73

Areas of intelligence	Deficit/ Natural ability
	Objective reality
General sense of everything (superposition)	No general sense of everything

Table 74

Areas of intelligence	Deficit/ Natural ability
	General sense of everything
Sense of force carrier	No sense of force carrier
Sense of synaesthesia	No sense of synaesthesia
Sense of nothing yet something (the void)	No sense of nothing yet something
Sense of paradox	No sense of paradox
Sense of opposites	No sense of opposites
Sense of eternal fabric	No sense of eternal fabric

Table 75

Areas of intelligence	Deficit/ Natural ability
	Sense of force

	carrier
Sense of anti-wave-particles	No sense of anti-wave-particles
Sense of wave-particles	No sense of wave-particles
	Sense of synaesthesia
Sense of structure	No sense of structure
Sense of combination	No sense of combination
	Sense of the void
Sense of annihilated	No sense of annihilated
Sense of created	No sense of created
	Sense of paradox
Sense of non-contradiction	No sense of non-contradiction
Sense of contradiction	No sense of contradiction
	Sense of opposites
Sense of unity	No sense of unity
Sense of duality	No sense of duality
	Sense of eternal fabric
Sense of no-field	No sense of no-field
Sense of all-field	No sense of all-field

Table 76

Areas of intelligence	Deficit/ Natural ability
	Sense of anti-wave-particles
Sense of anti-wave	No sense of anti-wave
Sense of anti-particle	No sense of anti-particle
	Sense of wave-particles
Sense of waves	No sense of waves
Sense of particles	No sense of particles
	Sense of structure
Sense of hierarchy	No sense of hierarchy
Sense of switch	No sense of switch
	Sense of combination
Sense of mix	No sense of mix
Sense of match	No sense of match
	Sense of annihilated
Sense of black holes	No sense of black holes
Sense of anti-black holes	No sense of anti-black holes
	Sense of created
Sense of white holes	No sense of white holes
Sense of anti-white holes	No sense of anti-white holes

	Sense of non-contradiction
Sense of forced	No sense of forced
Sense of forcelessness	No sense of forcelessness
	Sense of contradiction
Sense of forceless	No sense of forceless
Sense of force	No sense of force
	Sense of unity
Sense of harmony	No sense of harmony
Sense of variety	No sense of variety
	Sense of duality
Sense of two	No sense of two
Sense of one	No sense of one
	Sense of no-field
Sense of no-space	No sense of no-space
Sense of no-time	No sense of no-time
	Sense of all-field
Sense of all-space	No sense of all-space
Sense of all-time	No sense of all-time

Discussion

In a previous paper, I have suggested that the model of the brain shares similarity to the structure and model of the forces, where in effect the model of the brain is the non-quantum model of the universal forces. If this is so, then perhaps, just as the universe may possibly exist as a universe anti-universe pair (Boyle, L., Finn, K., Turok, N. 2018), that the brain may possibly exist as a brain anti-brain pair. How would this be expressed, naturally? Take the topic of handedness, and if it is assumed that a brain is backside front, where right is left and left is right, back is front and front is back, then if a brain area that is responsible for coordination of hands is lateralized to the left side (right) of the brain, as particles are possibly (almost) always right lateralized, then perhaps when a person is right handed they have right handed probability and left handed improbability. When an individual is left-handed, and because particles are possibly (almost) never left-handed, therefore how can an individual be left-handed, then perhaps it is because of the anti-brain. Perhaps when a brain is lateralized to the right side (left) of the brain, it is the anti-brain, and perhaps this is always the case. If an individual is left-handed, then perhaps, subjectively, they are left-handed, and yet objectively they aren't left-handed, they're anti-right-handed, and along with anti-right handedness comes anti-right-handed anti-probability and anti-left-handed anti-improbability. Effectively, left side (right) lateralization is the brain, and right side (left) lateralization is the anti-brain, each with opposite sides that are un-lateralized, where if a brain area is lateralized to the left, there will be an associated area to the right side of the brain, and if an anti-brain area is lateralized to the right then there will be an associated anti-brain area un-lateralized on the left side of the brain.

Is superposition necessary to understand the brain? If superposition is the force (of forces) of two equals one, where:

$$1 \text{ state} + 1 \text{ state} = 1 \text{ hyper state}$$

Where the brain also represents the model of the forces and the universe. Where:

$$\begin{aligned} 1 \text{ model of the brain (non quantum)} \\ + 1 \text{ model of the force (quantum)} \\ = 1 \text{ model of the universe} \end{aligned}$$

Therefore, possibly, to understand the brain one must understand quantum mechanics, to understand quantum mechanics one must understand the brain, and to understand them both is to understand the universe. Perhaps a lateralized brain area is in a "superposition" of states with the un-lateralized brain area, that create a different state. Take for example the sense of sight. The lateralized brain area, the sense of sight (natural ability), is in a superposition with the un-lateralized brain area (deficit) the "no sense" of sight, which creates "hyper-sight", only if the associated brain area that is lateralized to the left has a natural ability and the brain area that is un-lateralized to the right has a deficit. If this is so, does there exist multiple possible states? If part of superposition is where word lateralization matters, and there are four variants of force, that being forced, forcelessness, forceless, and force, with two possible outcomes, where forced-forcelessness results in something forceless and forceless-force creates a "hyper-force", then possibly this can describe the possible states. For example, a natural ability and a deficit result in a deficit (forceless), a natural ability and a reduced ability results in a reduced ability, a natural ability and an ability results in an ability, a natural ability and a natural ability result in a natural ability, an ability and a reduced ability results in a reduced ability, and so on, with these possible states describing forced forcelessness. So to create a hyper-force, there must be a right side (left) lateralized (wave) deficit or reduced ability, and a left side (right) lateralized natural ability or ability (particles). For example, to reiterate, a deficit and a natural ability result in a "hyper-ability", with sometimes expressing that the full spectrum of sense, and a reduced ability and an ability result in a natural ability, with sometimes expressing that reduced ability and ability. So what is the mechanism for which superposition happens? Perhaps it is the corpus callosum, which if described as a force, describes the eternal fabric, where the all-field (from which particles emerge) and all-space, and all-time reside (even though all-space and all-time exist everywhere within the brain), which allows transmission and connection for signals to transmit between hemispheres, allowing a non-quantum superposition. Figures are introduced to explain superposition in the brain, and a possible state that may be what causes savant syndrome.

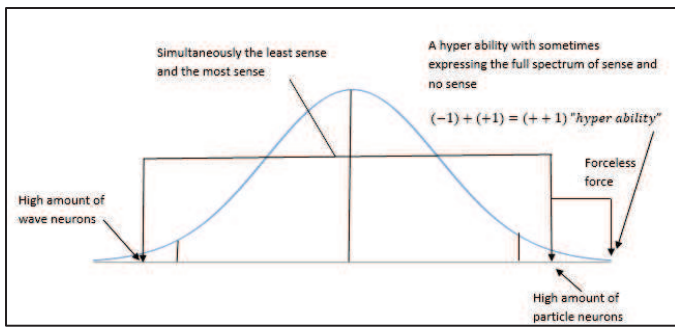


Figure 1. A hyper-ability.

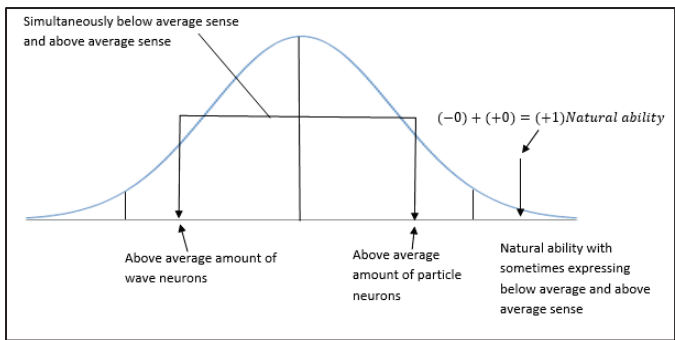


Figure 2. Resulting natural ability state.

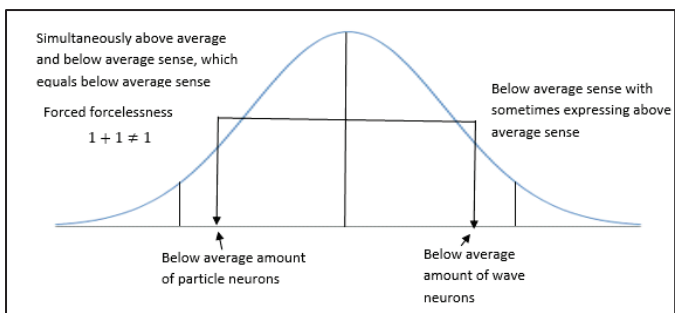


Figure 3. Two does not equal one.

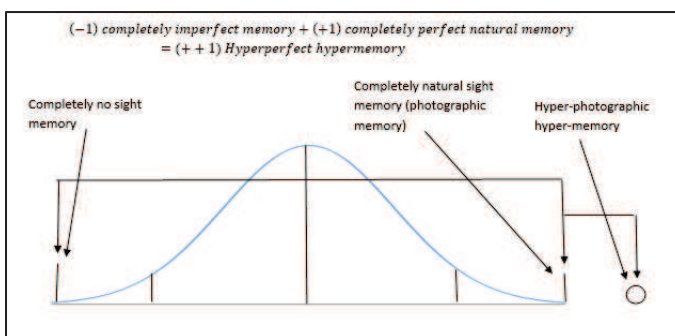


Figure 4. Savant syndrome.

If a lateralized brain area has brain activity, does the un-lateralized side also have activity, it just seems that it doesn't, where the un-lateralized inactivity is effectively an illusion? If "everything" isn't and is quantum in nature, and therefore the brain, if it is quantum, isn't and is quantum in nature, does an active lateralized brain area that use particles to communicate, and an un-lateralized "inactive" brain

area use invisible waves to communicate? Effectively, does the illusory un-lateralized brain area use the indeterministic present, indeterministic invisible formless waves to communicate? Whereas does the brain area that an observer observes as being active use the deterministic present, deterministic visible particles with form to communicate? Is the reason an observer can't observe waves is that waves are formless, invisible, indeterministic, etc and therefore the illusory "inactive" brain activity is formless and invisible as well? Unknown waves and known particles, where we are trying to visually look at the brains activity, where the visual force causes invisible waves and visible particles. How does the brain construct words, thoughts, actions, behaviours, etc? If the brain is quantum mechanical, then is the neurons nucleus particle and wave sensors? Are neurons separated into four main types? Particle neurons, wave neurons, anti-particle neurons and anti-wave neurons? If so, what are the neurons detecting when detecting a particle? Does a neuron detect a particles position in all-space and all-time, and depending on the particles position, and perhaps how many particles there are, depends on what kind of thought or behaviour etc happen. So what about the four distinct brain states, how does this relate to particles and waves, and how does a deficit translate to the quantum? If neurons cause intelligence (Garlick, D. 2002), therefore, the more particle neurons an individual has, the more sense they'll have, the more wave neurons they have, the less sensical an individual will be, the more anti-neurons an individual has, the more anti-sense they'll have, and the more anti-wave neurons the less anti-sense they'll have, where effectively the more sensical you are the more non-sensical you are. Simultaneously the least sense and the most sense. Perhaps for each area of the brain, there is an associated particle, and associated neuron. For example, for the sense of motion, there will be motion sense particles and motion sense neurons, for motion recognition there will be motion recognition particles and motion recognition neurons, and for motion perception there will be motion perception particles and motion perception neurons, where each neuron nucleus is detecting the associated particles and constructing the sense, recognition, and perception of motion. If this is so, then, as I have suggested in a previous paper perhaps there are four "generations" of particles and waves,

where each brain state represents each generation of particle and wave. Where there are natural deficit particles, reduced ability particles, ability particles, and natural ability particles, and natural deficit (natural ability) waves, reduced ability (ability) waves, ability (reduced ability) waves, and natural ability (natural deficit) waves, where waves reverse the four different brain states. If a person has a reduced ability of particle neurons then the neurons nucleus will be detecting reduced ability particles, and if a person has a natural ability of particle neurons then those associated neurons will be detecting natural ability particles. Perhaps there are three possibilities for the brain constructing a “quantum code”. If the brain is considered a non-binary binary system, where each particle and wave state represent a bit, for example, a deficit is -1, a reduced ability is -0, an ability is +0 and a natural ability is +1, then there can be three possible ways the brains nucleus, which detects a “quantum neural network” of particles connected by “quantum synapses”, to construct this “code”, where:

1. The nucleus of a neuron detects a particles position in the all-field, all-space, and all-time and constructs a code out of the position.
2. The nucleus of a neuron detects a network of particles and depending on how they’re connected constructs the code (this may not be possible as how do you detect a zero-dimensional quantum synapse).
3. The brain detects the position of all particles within the nucleus in relation to each other and detects what state the particle is in, creating a map of the quantum neural network, constructing a non-binary binary code.

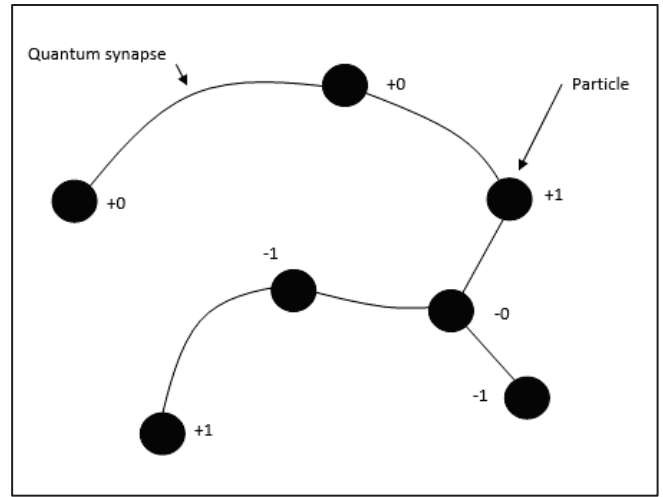


Figure 5. A non-binary binary code, where +0+0+1-0-1-1+1.

Effectively, particles are possibly connected by “quantum synapses” where it creates a network (field) of particles, where particles and waves can possibly be thought of as quantum neurons.

Perhaps for each layer of the hierarchy there are different types of intelligence, for example sense, association, memory etc. Figures are introduced to explain the different types of intelligence.

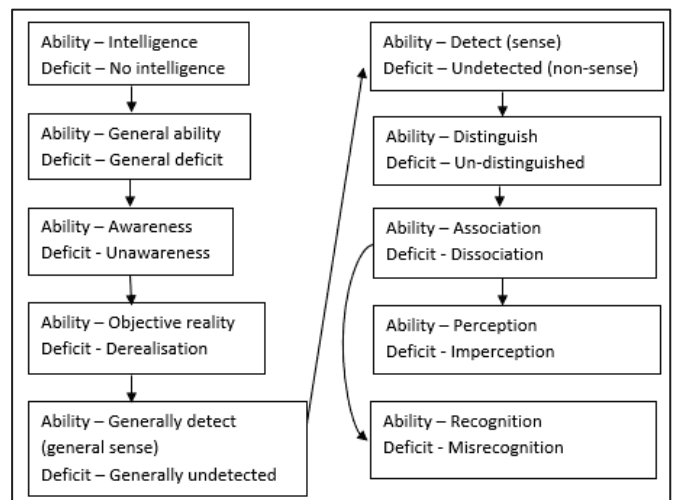


Figure 6. Types of objective reality generations.

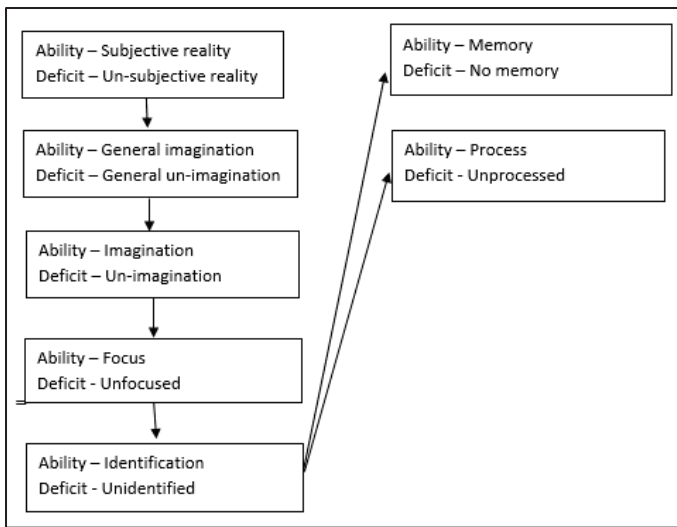


Figure 6. Types of subjective reality generations.

Perhaps synaesthesia is crucial to understanding the brain. Perhaps everyone has synaesthesia, and what synaesthesia is, is the mechanism for which the forces combine, and what it does is either fuse brain areas or cause an “unstructured structure” of the brain, a hyper-structure, where there is a switched hierarchy or a combination of sensory areas. Perhaps synaesthesia causes variety in sensory experience, creating sometimes bizarre behaviour, and isn’t always a good thing, as it can possibly also sometimes lead to unacceptable behaviour. Considering synaesthesia (possibly) stems from everything, then it can be assumed that not only does everything have synaesthesia, but everyone has synaesthesia as well.

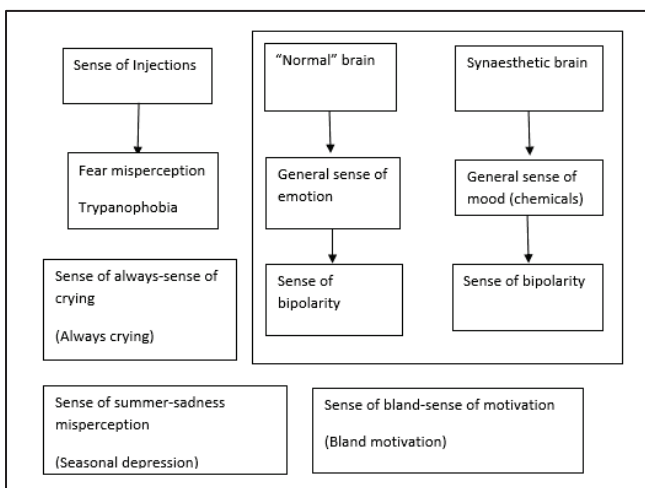


Figure 7. Synaesthesia combinations.

What is not known is if synaesthesia can cause, for example, a primary area of the brain to become a tertiary area of the brain, and resulting in perception and recognition for that particular brain area, or a secondary area of the brain can become a primary area of the brain, etc, where it changes the signal that

gets sent from one layer of the hierarchy to another. To further this, does each layer of the brain hierarchy have associated recognition and perception, for example, general emotional recognition and general emotional perception that comes with a generalised emotional sense, awareness recognition and awareness perception that come with awareness (hemispheres), general recognition and general perception that come with a general ability (brain), intelligent recognition and intelligent perception that come with intelligence (brain anti-brain pair (general brain)) or objective reality perception and objective reality recognition, where if someone has misperception in objective reality it can lead to delusions, where what isn’t objective reality becomes (perceived) objective reality, or is recognition and perception only on the bottom of the hierarchy? For example, maybe alexithymia isn’t a general emotional sense deficit, it is a general emotion recognition deficit, as if someone has a general emotional sense deficit they can’t feel any emotions, whereas alexithymic individuals can’t recognise any emotions. To further this, if someone has general emotion misperception they have all-encompassing chronic emotions. Another example that may be wrong is phonagnosia. Phonagnosia may be a voice recognition deficit instead of a voice sense deficit, so therefore given these examples, it may be likely that perception and recognition is on every layer of the brain hierarchy.

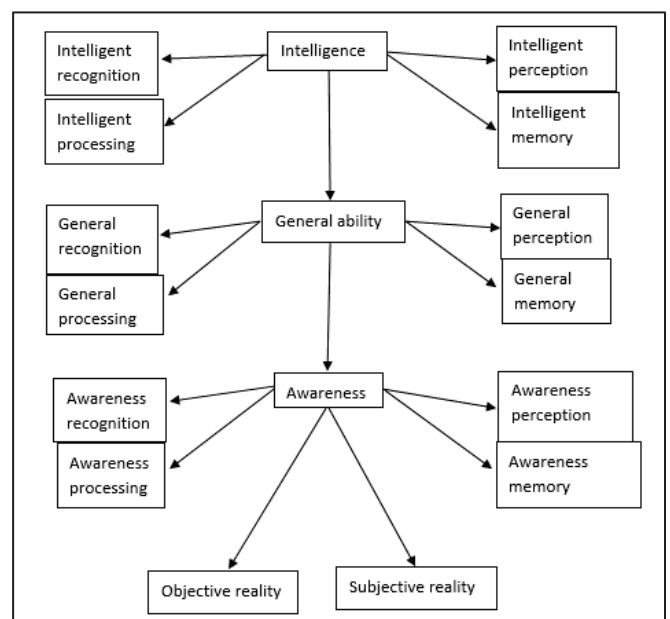


Figure 8. Possible structure.

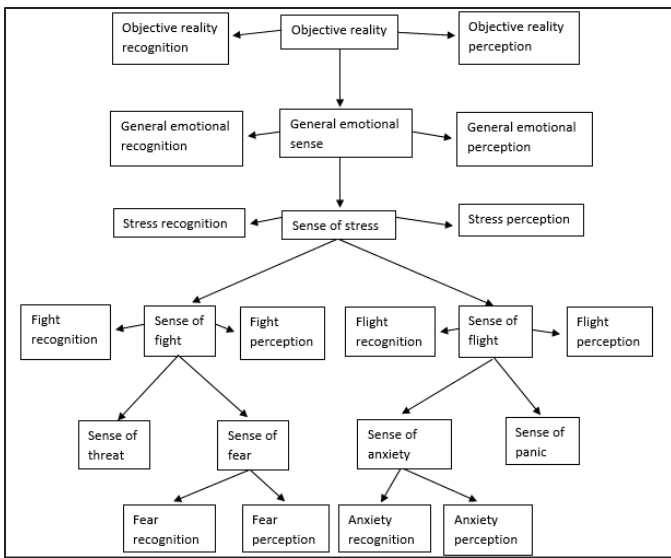


Figure 9. More possible structure.

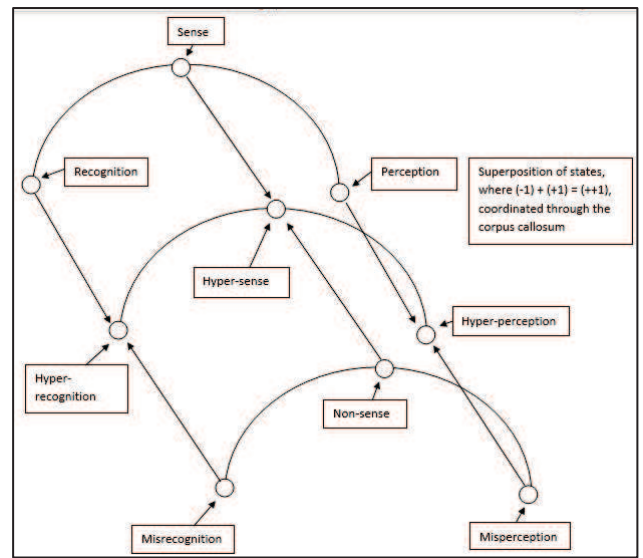


Figure 12. Superposition of states

Perhaps the brain starts recognising, sensing, and perceiving at the top of the hierarchy, and works its way down, starting with recognition and ending with perception, down until it reaches the bottom of the hierarchy. Perhaps recognition and processing can be thought of as inputs, as you recognise and process inputs, and perception and memory can be thought of as outputs, as you perceive and memorise outputs. Effectively you generally sensor recognise, generally sensor sense, and the generally sensor perceive, you use sight recognition, sight sense, and then sight perceive, and then you visually recognise, visually sense, and visually perceive, and then you colour recognise, sense colour, and then colour perceive, and so on. It is also suggested that wave neurons reverse the process of output input, where perception is the input and recognition is the output, and superposition recognition is both the input/output and perception is both the input/output.

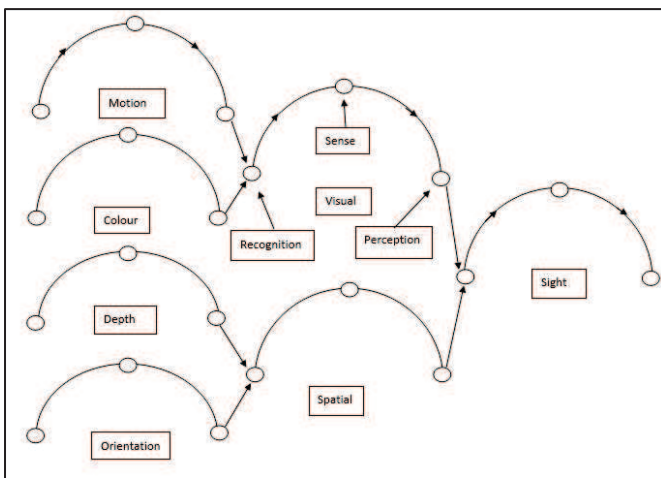


Figure 10. Layers.

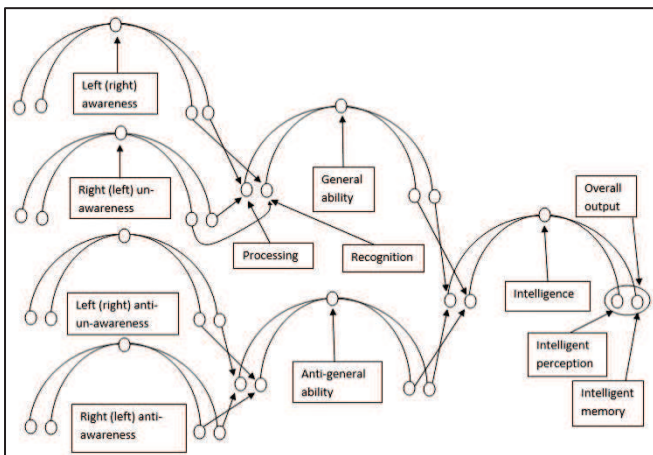


Figure 11. More layers.

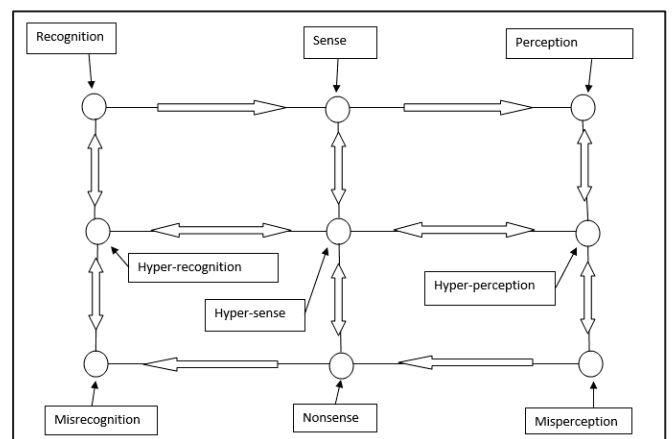


Figure 13. Directions of information

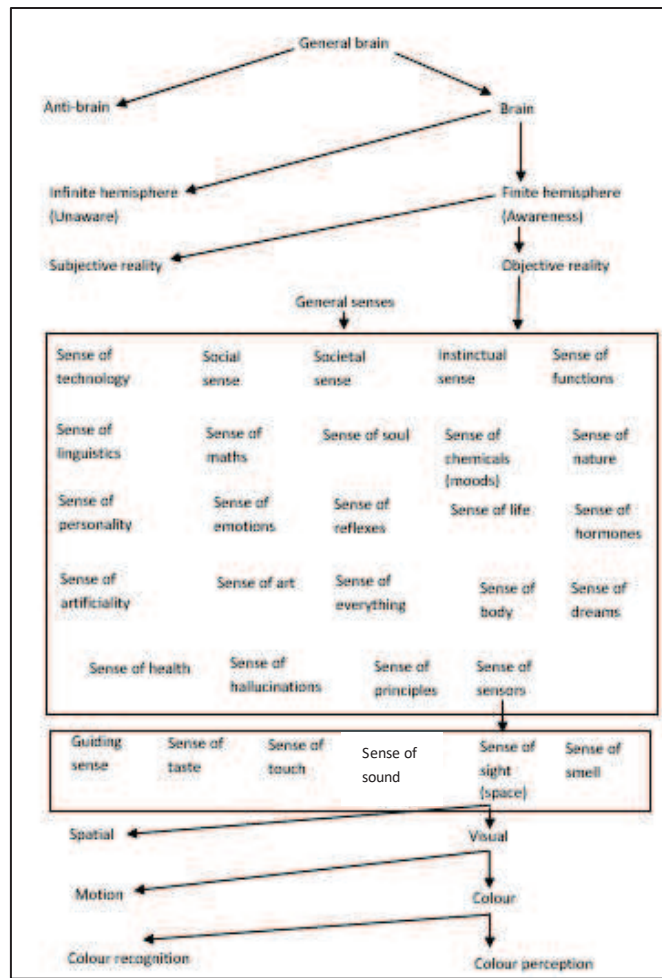


Figure 14. Brain hierarchy.

All brain states, including deficits, are natural of course, but when an individual has a natural ability, sense comes naturally. The term of “natural” was used to differentiate between ability and natural ability, as opposed to a common-sense natural ability, or common focus, or common association, etc.

What direction is the anti-brain processing information? Perhaps the anti-brain reverses the input/output again, represented in the figure below.

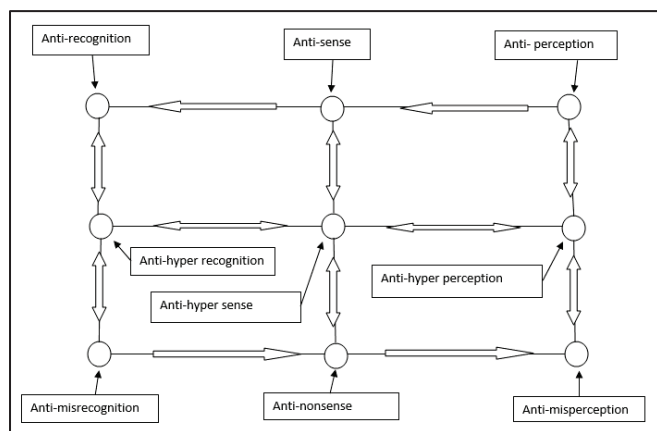


Figure 15. Anti-brain directions.

General recognition, general ability, and general perception can be thought of as a superposition of the hemispheres and is represented in the figure below.

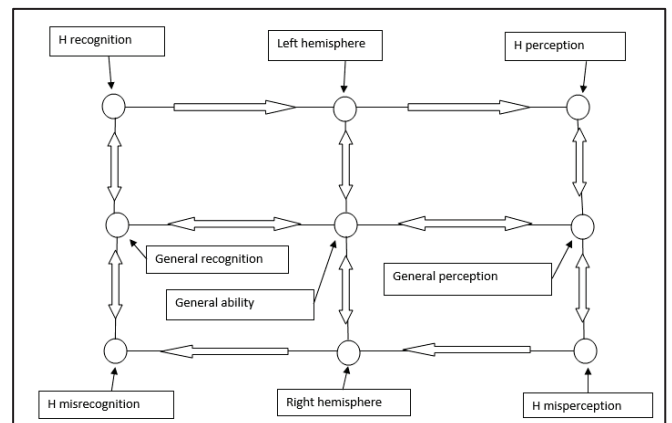


Figure 16. Hemisphere superposition and directions.

Intelligent recognition, intelligent sense, and intelligent perception can be thought of as a superposition of the brain anti-brain pair and is represented in the figure below.

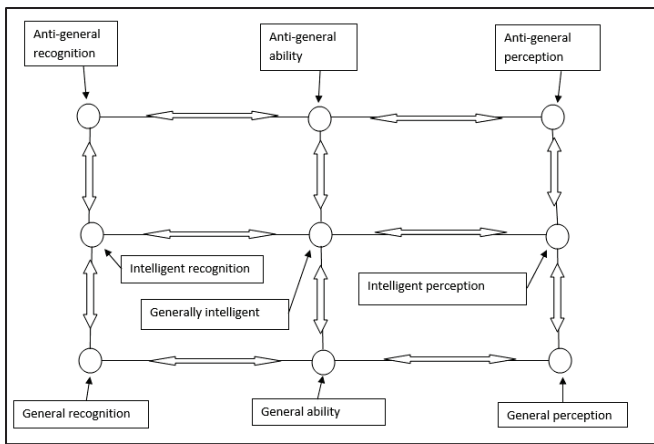


Figure 17. Brain anti-brain pair superposition and directions of information

Going back to figure 4, explaining what the potential cause for savant syndrome is. The picture explains a subjective hyper-force. Generally speaking, it's not possible to have a subjective hyper-force as subjectively its forced forcelessness which equals something forceless. So why is it possible? Perhaps through synaesthesia, where brain areas are swapped, and so subjective memory becomes linked to objective reality, and becomes objective memory. How would this be expressed, naturally? Take for example an individual that can draw something extremely detailed off memory alone, say for example a city they have seen, where they have a hyper-realistic objective photographic memory of that city which is then represented as a drawing. Another

example is a hyper-realistic photographic memory for faces, where they can objectively remember fine details of peoples face purely through what is generally thought of as a subjective experience, and with subjectivity comes errors, but with objective memory perhaps it's mostly errorless, if they have hyper-face memory.

What about the brain's neural networks? Perhaps its layers of neural networks all connected with each other. For example, there is a superposed brain neural network within the intelligent neural network that is existing in superposition, there is a hemispherical neural network within the brain neural network, there is an objective reality neural network within the neural network of the hemispheres, then there is a general personality neural network within the neural network of objective reality, then there is a patience neural network within the neural network of general personality, then there is a mind neural network within the neural network of patience, then there is a thought neural network within the neural network of the mind, and within each node (neuron) of the neural network there is a quantum neural network. Perhaps deeper into the brain you go, the lower on the brain hierarchy a sense is, where the deepest part of the brain is the lowest layer of the hierarchy (tertiary sense) and the outer most layer of the brain is awareness(hemispheres).

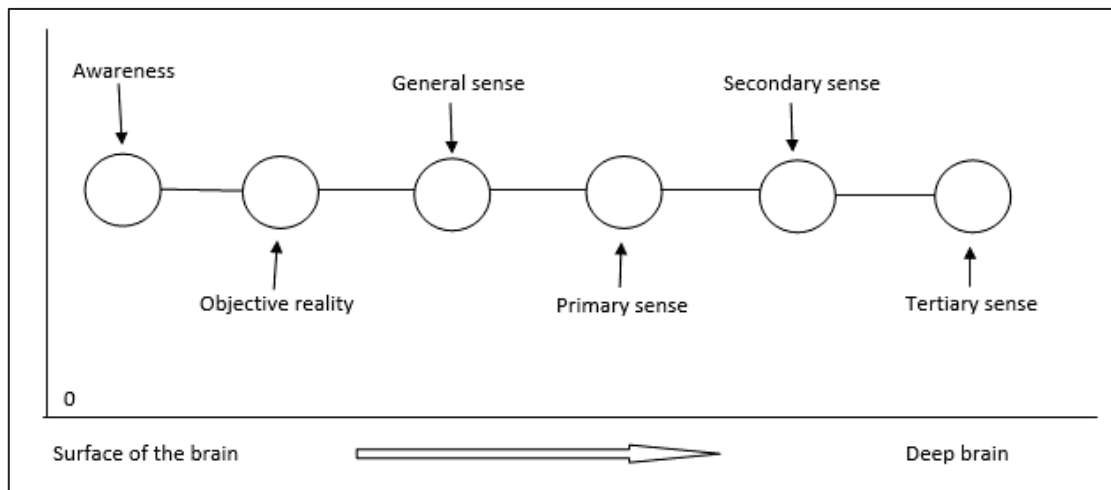


Figure 18. Deep brain.

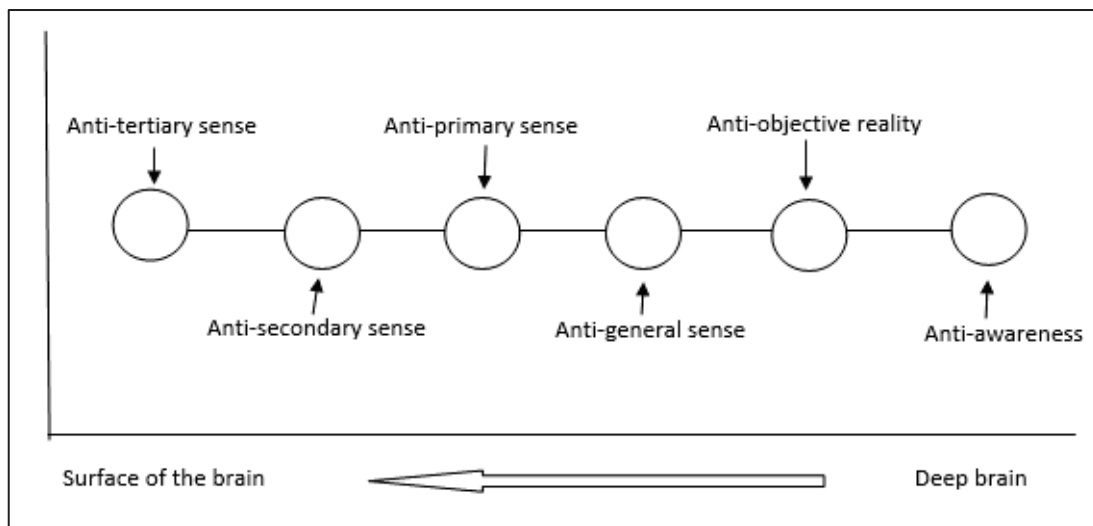


Figure 19. Deep anti-brain

To note, a combination of sense, perception and recognition of a particular force area produces different behaviour, but isn't an example of synaesthesia. For example, if an individual has a sense of morals, but has moral misperception, the individual is moral all-the-time, while a person with no sense of morals and moral perception is immoral sometimes, while a person with no sense of morals and has moral misperception is immoral all-the-time. On a final note, it is not certain whether an anti-brain area replaces a brain area. There exists two possibilities, with humour given as an example

1. An individual's anti-sense of anti-humour replaces the sense of humour, sensing anti-humour when there isn't humour, and there exist only anti-particle and anti-wave neurons

for those anti-brain areas inside the culmination of the entire brain.

2. An individual has simultaneous anti-sense of anti-humour and a sense of humour and has both anti-particle, anti-wave, particle and wave neurons that make up that sense and anti-sense areas inside the culmination of the entire brain.

Perhaps ambidexterity can give a possible answer. Perhaps an ambidextrous individual has left lateralization and right anti-lateralization, producing the existence of a sense anti-sense pair, whereas other people only have left lateralization or right anti-lateralization. The existence of the brain anti-brain pair may also possibly result in combination of the layers of the hierarchy of the brain, explained in the figure below.

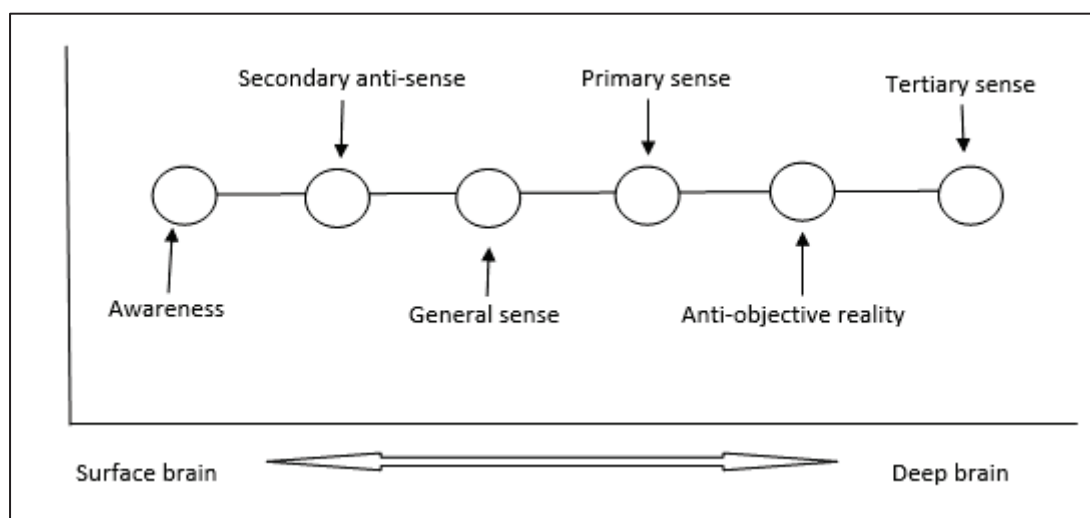


Figure 20. Brain anti-brain pair structure switch.

To note, on signals, if synapses create “chemical messengers” what exactly are those messages saying? Perhaps the brain areas can give an idea. For example:

1. General social recognition sends a signal of **use general social sense** to the area of general social sense
2. General social sense neurons connected to general social recognition neurons receive this signal and send a signal of **start general social sensing** to the rest of the general social sense neurons, then the individual generally socially senses
3. The general social sense neurons then send a signal of **use general social perception** to the area of general social perception
4. General social perception neurons receive a signal and then fire, sending a signal of **use humour** to the area of humour
5. The area of humour then sends a signal of **use respond** to the area of respond
6. The area of respond then goes through its signals and output a signal of **respond with** to the area of laughter
7. Therefore the individual socially uses humour and responds with laughter

Conclusion

Given time and information, the model suggested can be subject to revision. as a lot of the senses were hypothetical and may not represent the actual senses of the brain. We should strive to model the brain as

accurately as possible, perhaps for only then will we understand the forces of quantum mechanics.

In figure 12 hypothetical general senses have been outlined that have yet to be modelled, such as the automatic functions, hormones, instincts etc. It may be possible that there are many more general senses than what have been suggested in this paper, even going to the point where everything is a sense, even though the sense of everything (if we do have a sense of everything) and all that stems from it have been outlined in this paper.

Imagining and sensing nothing, instead of everything. An undistinguished and unfocused eternal fabric. Dissociating from and un-identifying the all-field. Misrecognising and un-processing all-that-is-in-space. Misremembering and misperceiving all-the-time. A non-quantum yet quantum brain that makes no sense and yet makes sense. A brain that serves as a model to the bizarre world of the quantum.

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