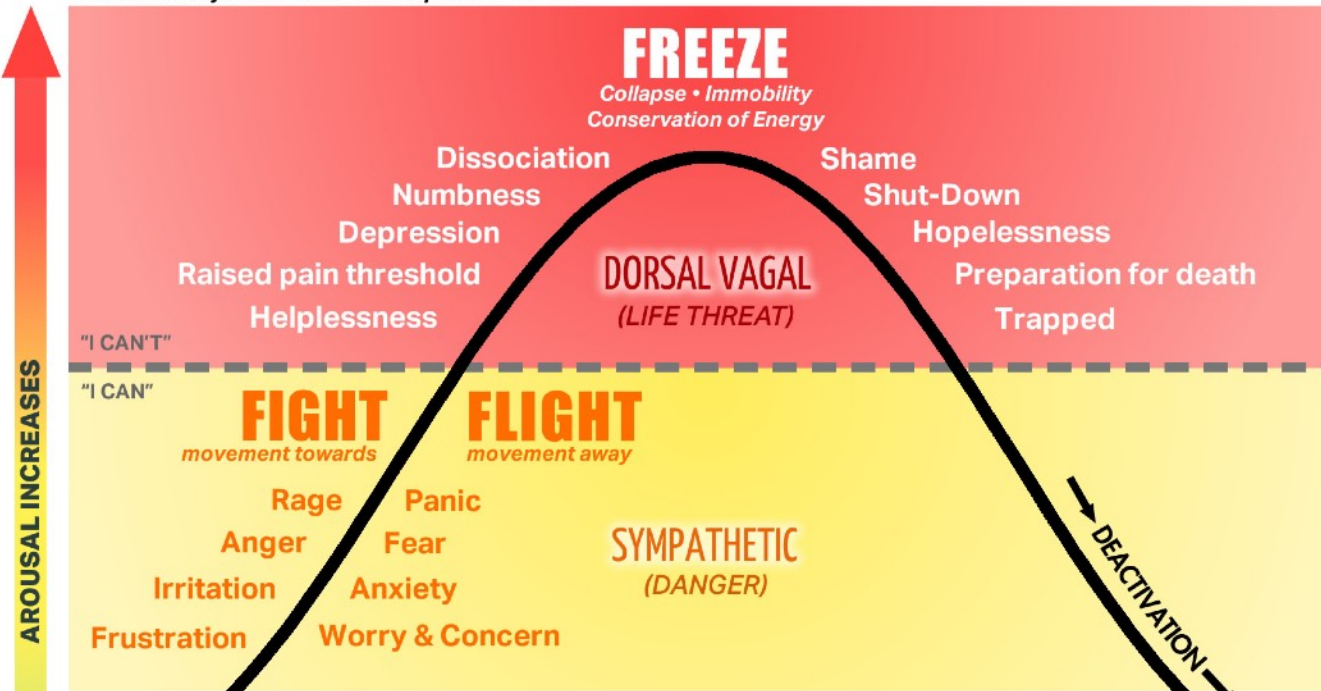


# POLYVAGAL CHART

The nervous system with a neuroception of threat:



## PARASYMPATHETIC NERVOUS SYSTEM

DORSAL VAGAL COMPLEX

### Increases

Fuel storage & insulin activity • Immobilization behavior (with fear)  
Endorphins that help numb and raise the pain threshold  
Conservation of metabolic resources

### Decreases

Heart Rate • Blood Pressure • Temperature • Muscle Tone  
Facial Expressions & Eye Contact • Depth of Breath • Social Behavior  
Attunement to Human Voice • Sexual Responses • Immune Response

## SYMPATHETIC NERVOUS SYSTEM

### Increases

Blood Pressure • Heart Rate • Fuel Availability • Adrenaline  
Oxygen Circulation to Vital Organs • Blood Clotting • Pupil Size  
Dilation of Bronchi • Defensive Responses

### Decreases

Fuel Storage • Insulin Activity • Digestion • Salivation  
Relational Ability • Immune Response

The nervous system with a neuroception of safety:



## PARASYMPATHETIC NERVOUS SYSTEM

VENTRAL VAGAL COMPLEX

### Increases

Digestion • Intestinal Motility • Resistance to Infection  
Immune Response • Rest and Recuperation • Health & Vitality  
Circulation to non-vital organs (skin, extremities)  
Oxytocin (neuromodulator involved in social bonds that allows immobility without fear) • Ability to Relate and Connect  
Movement in eyes and head turning • Prosody in voice • Breath

### Decreases

Defensive Responses