

The Five Domains Model

Physical / Functional Domains

Survival-Related Factors (Nutrition, Environment & Health)

Situation-Related Factors

Nutrition

Environment

Health

Behaviour

Restrictions:	Opportunities:	Unavoidable/ Imposed conditions:	Available conditions:	Presence of:	Little or no:	Exercise of 'agency' impeded by:	'Agency' exercised via:
Water intake Food intake Food quality Food variety Voluntary over earting Force feeding	Drink enough water Eat enough food Eat a balanced diet Eat a variety of foods Eating correct quantities	Thermal extremes Unsuitable substrate Close confinement Atmospheric pollutants: CO ₂ , ammonia, dust, smoke Unpleasant/strong odours Light: inappropriate intensity Loud/otherwise unpleasant noise Environmental monotony: ambient, physical, lighting Unpredictable events	Thermally tolerable Suitable substrate Space for freer movement Fresh air Pleasant/tolerable odours Light intensity tolerable Noise exposure acceptable Normal environmental variability Predictability	Disease: acute, chronic Injury: acute, chronic, husbandry mutilations Functional impairment: due to limb amputation, or lung, heart, vascular kidney, neural or other problems Poisons Obesity/leanness Poor physical fitness: muscle de-conditioning	Disease Injury Functional impairment Poisoning Body condition appropriate Good fitness level	Invariant, barren environment (ambient, physical biotic) Inescapable sensory impositions Choices markedly restricted Constraints on environment- focused activity Constraints on animal-to- animal interactive activity Limits on threat avoidance, escape or defensive activity Limitations on sleep/rest	Varied, novel engaging environmental challenges Congenial sensory inputs Available engaging choices Free movement Exploration Foraging/hunting Bonding/reaffirming bonds Rearing young Playing Sexual activity Using refuges, retreat or defensive attack Sufficient sleep/rest

Affective Experience Domain

Mental State

Negative	Positive	Negative	Positive	Negative	Positive	Negative	Positive
Thirst Hunger (general) Hunger (salt) Malnutrition malaise Bleated, over full Gastronintestinal pain	Wetting/quenching pleasure of drinking Pleasure of different tastes/smells/textures Pleasure of salt taste Masticatory pleasures Post prandial sateity Gastrointestinal comfort	Forms of discomfort: Thermal: chilling, overheating Physical: joint pain, skin irritation Physical: stiffness, muscle tension Respiratory: e.g. breathlessness Olfactory Auditory: impairment, pain Visual: glare/darkness eye strain Malaise from unnatural constancy	Forms of comfort: Thermal Physical Respiratory Olfactory Auditory, Visual Variety related comfort	Breathlessness Pain: many types Debility, weakness Sickness, malaise Nausea Dizziness Physical exhaustion	Comfort of good health and high functional capacity Vitality of fitness	Anger, frustration Boredom, helplessness Loneliness, isolation Depression Sexual frustration Anxiety, fearfulness, panic, anger Neophobia Exhaustion	Calmness Engaged, in control Affectionate sociability Maternally rewarded Excitation/playfullness Sexual gratification Secure/protected/ confident Likes novelty Energised/refreshed