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# **Definitions**

Set the numeric values relation to its linguistic variables.



# **Damage**

In opponent's life's normalized value (0-1), how much damage each linguistic variable represents.

#### **Default Values**

• Very Weak: 0.05 (5% damage)

• Weak: 0.1 (10% damage)

• Medium: 0.15 (15% damage)

• Strong: 0.2 (20% damage)

• Very Strong: 0.25 (25% damage)

## **Distance**

Based on an internal distance normalized value (0-1), how distance is represented by each linguistic variable.

0 meaning the character is as close as possible to the opponent, 1 meaning as far as possible on the

### screen.

#### **Default Values**

Very Close: 0.05Close: 0.1Mid: 0.5

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• Far: 0.8

• Very Far: 0.95

# **Desirability**

On a scale of 0 to 1, how much weight does desirability impact on each decision.

#### **Default Values**

The Worst Option: 0Very Undesirable: 0.15

Undesirable: 0.3
Not Bad: 0.45
Desirable: 0.6
Very Desirable: 0.8
The Best Option: 1

### Health

How much health status percentage each linguistic value represents

### **Default Values**

Healthy: 100Scratched: 90

Lightly Wounded: 80Moderately Wounded: 60Seriously Wounded: 40Critically Wounded: 20

• Almost Dead: 10

• Dead: 0

# **Movement Speed**

Based on the weight of the character and the current game's physics, how much *force applied* is related to each linguistic values.

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#### **Default Values**

• Very Slow: 0.5

Slow: 1Normal: 3Fast: 5Very Fast: 7

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