D: Dance, R: Rest, A: Assess, E: Explore
T: Travel, H: Hub, S: Site, r: distance from hub

$$x = f_1(\boldsymbol{q})$$

$$y = f_2(\boldsymbol{q})\delta(r - r_S)$$

$$z = (1 - p_d)^{f_3(\boldsymbol{\Delta})}$$

$$\gamma = f_4(\boldsymbol{q})$$

δ is the dirac-delta function