Since we assume
$$W = \begin{bmatrix} a.7 \\ o.1 \\ -a.1 \end{bmatrix} = \begin{bmatrix} \vec{w}_p \\ \vec{w}_{ND} \end{bmatrix}$$

Without lass of generosity, assume
$$b=0$$

$$g(x',y';W)=w'\cdot \begin{bmatrix} 1\\0\\0 \end{bmatrix}=0.7+0.1=0.8$$

B) Two adjuts overpossible

$$ag(x',y=dog_3W)-g(x',y';w)+\Delta(y',y=dog)=\Delta(y',y=dog)=\Delta(1,1)$$

It depends on how we'define Dryi, y).

In the first, example
$$g(x', y'; N) = g(x', y; N)$$
 Dycy

$$g(x^{2}, y^{2}; w) > g(x^{2}, y; w) + \Delta(y^{2}, y)$$
 Ay $\in Y$
In the first, example $g(x^{2}, y^{2}; w) = g(x^{2}, y; w)$ Ay $\in Y$
so $\Delta(y^{2}, y) = 0$. In this sense, either one conbethe most violated