

SUPPLEMENTAL

Supplemental Table 1: Osmotic stress, regardless of psychogenic stress, drives activation of VP positive cells in the hypothalamic supraoptic nucleus.

Salt Loading Treatment	Swim Stress Treatment	c-Fos Positive Cell Count	VP Positive Cell Count	Double Labeled Cell Count
Tap Water	No Swim	1.3 ± 0.7 (n = 3)	28.0 ± 3.2 (n = 3)	0.0 ± 0.0 (n = 3)
Tap Water	Swim	0.3 ± 0.3 (n = 4)	33.0 ± 2.9 (n = 4)	0.5 ± 0.5 (n = 4)
4% Saline	No Swim	55.5 ± 5.7* (n = 4)	57.8 ± 6.3* (n = 4)	53 ± 9.3* (n = 4)
4% Saline	Swim	53.2 ± 9.4* (n = 3)	66.7 ± 10.7* (n = 3)	50 ± 5.2* (n = 3)