

Supplemental Material for

Generalization of contextual fear is sex-specifically affected by high salt intake

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S33 Table. Details of confirmed outliers (> 5 standard deviations (SD) ± average of data set sans suspected outlier) within respective data sets. Outliers are marked with red font.

S33A Table

| Male • Experiment 3 • 0.4%NaCl No Shock • Training Context • Training baseline | | |
|---|-------|-----------------------|
| Animal ID | Data | Outlier Determination |
| 0445 | 6.36 | |
| 0447 | 8.93 | |
| 0514 | 24.01 | >6 SD beyond mean |
| 0519 | 0.88 | 2.66 Avg |
| 0523 | 0.69 | 3.54 SD |
| 0529 | 0.00 | 23.88 Avg + 6 SD |
| 0697 | 0.00 | |
| 0796 | 1.75 | |

S33B Table

| Male • Experiment 1 • 4.0%NaCl No Shock • Training Context • Testing | | |
|---|-------|-----------------------|
| Animal ID | Data | Outlier Determination |
| 0331 | 30.21 | |
| 0345 | 18.41 | |
| 0352 | 75.65 | >7 SD beyond mean |
| 0377 | 3.63 | |
| 0388 | 10.92 | 11.56 Avg |
| 0391 | 6.03 | 9.04 SD |
| 0409 | 5.15 | 74.81 Avg + 7 SD |
| 0415 | 12.92 | |
| 0422 | 5.24 | |

S33C Table

| Male • Experiment 1 • 4.0%NaCl Shock • Training Context • Testing | | |
|--|-------|-----------------------|
| Animal ID | Data | Outlier Determination |
| 0342 | 86.01 | >5 SD beyond mean |

| | | | |
|------|-------|-------|-------------------|
| 0344 | 39.07 | 30.84 | <i>Avg</i> |
| 0357 | 33.78 | 10.65 | <i>SD</i> |
| 0367 | 21.75 | 84.09 | <i>Avg + 5 SD</i> |
| 0387 | 14.97 | | |
| 0413 | 32.57 | | |
| 0416 | 46.73 | | |
| 0423 | 27.04 | | |

S33D Table

| Female • Experiment 2 • 0.4%NaCl Shock • Neutral Context • Testing | | | |
|---|--------------|-----------------------------|-------------------|
| Animal ID | Data | Outlier Determination | |
| 0608 | 3.56 | | |
| 0610 | 9.26 | | |
| 0613 | 3.16 | | |
| 0622 | 6.15 | | |
| 0626 | 3.12 | 6.35 | <i>Avg</i> |
| 0667 | 3.71 | 4.05 | <i>SD</i> |
| 0677 | 7.10 | 30.63 | <i>Avg + 6 SD</i> |
| 0678 | 14.73 | | |
| 0682 | 32.69 | >6 SD beyond mean | |

S33E Table

| Male • Experiment 2 • 0.4%NaCl Shock • Neutral Context • Testing | | | |
|---|--------------|------------------------------|--------------------|
| Animal ID | Data | Outlier Determination | |
| 0445 | 2.31 | | |
| 0447 | 2.58 | | |
| 0514 | 0.58 | 2.04 | <i>Avg</i> |
| 0519 | 6.52 | 2.05 | <i>SD</i> |
| 0523 | 0.76 | 26.61 | <i>Avg + 12 SD</i> |
| 0529 | 2.57 | | |
| 0697 | 27.97 | >12 SD beyond mean | |
| 0796 | 0.27 | | |
| 0807 | 0.75 | | |

S33F Table

| Male • Experiment 3 • 0.4%NaCl Shock • Training Context • Testing | | | |
|--|-------|-----------------------------|-------------------|
| Animal ID | Data | Outlier Determination | |
| 0073 | 69.01 | 79.18 | <i>Avg</i> |
| 0187 | 80.66 | 7.74 | <i>SD</i> |
| 0278 | 83.16 | 40.46 | <i>Avg - 5 SD</i> |
| 0312 | 80.07 | | |
| 0324 | 77.38 | | |
| 0428 | 92.45 | | |
| 0434 | 38.13 | >5 SD beyond mean | |
| 0436 | 71.55 | | |

S33G Table

| Male • Experiment 3 • 4.0%NaCl Osmolality | | | |
|--|------|-----------------------------|-------------------|
| Animal ID | Data | Outlier Determination | |
| 0077 | 338 | >7 SD beyond mean | |
| 0188 | 315 | | |
| 0306 | 316 | | |
| 0311 | 322 | 316.29 | <i>Avg</i> |
| 0322 | 314 | 2.87 | <i>SD</i> |
| 0427 | 318 | 336.38 | <i>Avg + 7 SD</i> |
| 0435 | 314 | | |
| 0438 | 315 | | |

S33H Table

| Female • Experiment 1 • 0.4%NaCl No Shock • Training Context • Corticosterone Log | | | |
|--|------|-----------------------------|-------------------|
| Animal ID | Data | Outlier Determination | |
| 0394 | 1.67 | | |
| 0531 | 1.84 | | |
| 0539 | 1.99 | | |
| 0544 | 1.64 | 1.75 | <i>Avg</i> |
| 0550 | 1.48 | 0.19 | <i>SD</i> |
| 0556 | 1.87 | 0.82 | <i>Avg - 5 SD</i> |
| 0642 | 0.79 | >5 SD beyond mean | |

S33I Table

| Female • Experiment 2 • 0.4%NaCl Shock • Training Context • Corticosterone Log | | |
|---|-------------|-----------------------------|
| Animal ID | Data | Outlier Determination |
| 0616 | 1.13 | |
| 0618 | 1.94 | >7 SD beyond mean |
| 0620 | 1.17 | |
| 0625 | 0.86 | 1.03 <i>Avg</i> |
| 0628 | 0.88 | 0.12 <i>SD</i> |
| 0676 | 1.05 | 1.86 <i>Avg + 7 SD</i> |
| 0681 | 1.14 | |
| 0683 | 1.04 | |
| 0771 | 0.96 | |

S33J Table

| Male • Experiment 1 • 0.4%NaCl • Shock Training Context • Water:NaCl Ratio Wk 1 | | |
|--|--------------|-----------------------------|
| Animal ID | Data | Outlier Determination |
| 0341 | 333.63 | |
| 0353 | 153.57 | |
| 0354 | 441.7 | >6 SD beyond mean |
| 0368 | 229.87 | |
| 0389 | 218.90 | 231.82 <i>Avg</i> |
| 0407 | 218.37 | 34.28 <i>SD</i> |
| 0417 | 257.84 | 437.51 <i>Avg + 6 SD</i> |
| 0419 | 210.53 | |

S33K Table

| Male • Experiment 1 • 0.4%NaCl • Shock Neutral Context • Water:NaCl Ratio Wk 2 | | |
|---|----------------|-----------------------------|
| Animal ID | Data | Outlier Determination |
| 0333 | 349.81 | 346.46 <i>Avg</i> |
| 0343 | 342.23 | 84.92 <i>SD</i> |
| 0350 | 301.87 | 1110.78 <i>Avg + 9 SD</i> |
| 0358 | 262.82 | |
| 0376 | 383.72 | |
| 0390 | 486.90 | |
| 0408 | 1127.25 | >5 SD beyond mean |
| 0418 | 224.22 | |

| | |
|------|--------|
| 0421 | 420.07 |
|------|--------|

S33L Table

| Male • Experiment 1 • 0.4%NaCl • Shock Neutral Context • Water:NaCl Ratio Wk 3 | | | |
|---|--------|-----------------------|--------------------|
| Animal ID | Data | Outlier Determination | |
| 0333 | 302.97 | 275.09 | <i>Avg</i> |
| 0343 | 258.75 | 47.54 | <i>SD</i> |
| 0350 | 272.09 | 1225.95 | <i>Avg + 20 SD</i> |
| 0358 | 188.51 | | |
| 0376 | 320.86 | | |
| 0390 | 258.38 | | |
| 0408 | 1228.7 | >20 SD beyond mean | |
| 0418 | 256.58 | | |
| 0421 | 342.59 | | |

S33M Table

| Male • Experiment 1 • 4.0%NaCl • Shock Neutral Context • Water:NaCl Ratio Wk 2.5 | | | |
|---|--------|-----------------------|-------------------|
| Animal ID | Data | Outlier Determination | |
| 0329 | 75.44 | 64.79 | <i>Avg</i> |
| 0332 | 59.85 | 9.38 | <i>SD</i> |
| 0340 | 65.41 | 139.82 | <i>Avg + 8 SD</i> |
| 0351 | 140.65 | >8 SD beyond mean | |
| 0371 | 75.72 | | |
| 0411 | 68.95 | | |
| 0412 | 57.52 | | |
| 0420 | 50.65 | | |

S33N Table

| Female • Experiment 2 • 0.4%NaCl • Shock Training Context • Water:NaCl Ratio Wk 4 | | | |
|--|--------|-----------------------|--|
| Animal ID | Data | Outlier Determination | |
| 0616 | 375.63 | | |
| 0618 | 900.00 | >5 SD beyond mean | |
| 0620 | 433.96 | | |
| 0625 | 309.68 | | |

| | | | |
|------|--------|--------|-------------------|
| 0628 | 376.56 | 424.32 | <i>Avg</i> |
| 0676 | 474.04 | 86.14 | <i>SD</i> |
| 0681 | 377.40 | 855.01 | <i>Avg + 5 SD</i> |
| 0683 | 454.14 | | |
| 0771 | 593.11 | | |

S33O Table

| Male • Experiment 2 • 0.4%NaCl • Shock Training Context • Water:NaCl Ratio Wk 2 | | | |
|--|--------|-----------------------------|-------------------|
| Animal ID | Data | Outlier Determination | |
| 0451 | 310.26 | 329.64 | <i>Avg</i> |
| 0453 | 364.10 | 81.02 | <i>SD</i> |
| 0802 | 243.72 | 815.77 | <i>Avg + 6 SD</i> |
| 0512 | 257.58 | | |
| 0516 | 234.38 | | |
| 0520 | 459.49 | | |
| 0526 | 381.22 | | |
| 0702 | 386.36 | | |
| 0795 | 848.89 | >6 SD beyond mean | |

S33P Table

| Female • Experiment 3 • 0.4%NaCl • Shock Neutral Context • Water:NaCl Ratio Wk 2 | | | |
|---|--------|-----------------------------|-------------------|
| Animal ID | Data | Outlier Determination | |
| 0559 | 777.14 | >5 SD beyond mean | |
| 0568 | 443.72 | 329.34 | <i>Avg</i> |
| 0570 | 416.26 | 74.83 | <i>SD</i> |
| 0589 | 245.56 | 703.51 | <i>Avg + 5 SD</i> |
| 0591 | 257.72 | | |
| 0651 | 270.49 | | |
| 0656 | 341.22 | | |
| 0663 | 367.35 | | |
| 0664 | 292.40 | | |

S33Q Table

| Female • Experiment 3 • 4.0%NaCl • Shock Neutral Context • Water:NaCl Ratio Wk 4 | | | |
|---|--|--|--|
|---|--|--|--|

| Animal ID | Data | Outlier Determination | |
|------------------|---------------|------------------------------|-------------------|
| 0561 | 75.48 | 75.50 | <i>Avg</i> |
| 0563 | 80.97 | 7.02 | <i>SD</i> |
| 0567 | 70.87 | 110.58 | <i>Avg + 5 SD</i> |
| 0573 | 111.94 | >5 SD beyond mean | |
| 0586 | 76.37 | | |
| 0660 | 87.56 | | |
| 0662 | 67.32 | | |
| 0665 | 69.94 | | |