| | Baseline | Emotional | Cognitive | Rest | Overall |
|-------|----------|-----------|-----------|--------|---------|
| DlPFC | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| vACC | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |

Mild depression prior vs 8pA

| | Baseline | Emotional | Cognitive | Rest | Overall |
|-------|----------|-----------|-----------|--------|---------|
| DlPFC | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| vACC | <0.001 | 0.382 | <0.001 | <0.001 | <0.001 |

Mild depression prior vs s = 095

| | Baseline | Emotional | Cognitive | Rest | Overall |
|-------|----------|-----------|-----------|--------|---------|
| DIPFC | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| vACC | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |

S = 095 vs 8pA

| | Baseline | Emotional | Cognitive | Rest | Overall |
|-------|----------|-----------|-----------|--------|---------|
| alpha | <0.001 | p=0.018 | p=0.053 | <0.001 | <0.001 |
| beta | <0.001 | p=0.406 | p=0.021 | <0.001 | <0.001 |
| theta | <0.001 | p=0.006 | p=0.018 | <0.001 | <0.001 |

DIPFC for mild depression vs 8pA

| | Baseline | Emotional | Cognitive | Rest | Overall |
|-------|----------|-----------|-----------|---------|---------|
| alpha | p=0.386 | p=0.030 | p=0.083 | p=0.007 | p=0.312 |
| beta | p=0.054 | p=0.418 | p=0.056 | <0.001 | p=0.002 |
| theta | p=0.318 | p=0.434 | p=0.050 | p=0.131 | p=0.295 |

VACC for mild depression vs 8pA

| | Baseline | Emotional | Cognitive | Rest | Overall |
|-------|----------|-----------|-----------|--------|---------|
| alpha | p=0.017 | <0.001 | p=0.430 | <0.001 | <0.001 |
| beta | p=0.001 | <0.001 | p=0.003 | <0.001 | <0.001 |
| theta | p=0.001 | <0.001 | p=0.167 | <0.001 | <0.001 |

DIPFC for mild depression vs s095

| | Baseline | Emotional | Cognitive | Rest | Overall |
|-------|----------|-----------|-----------|---------|---------|
| alpha | p=0.467 | p=0.204 | p=0.278 | p=0.380 | p=0.220 |
| beta | p=0.119 | p=0.320 | p=0.028 | p=0.075 | p=0.400 |
| theta | p=0.232 | p=0.015 | p=0.246 | p=0.321 | p=0.445 |

vACC for mild depression vs s095

| | Baseline | Emotional | Cognitive | Rest | Overall |
|-------|----------|-----------|-----------|---------|---------|
| alpha | <0.001 | <0.001 | p=0.117 | p=0.175 | p=0.003 |
| beta | <0.001 | <0.001 | p=0.210 | <0.001 | p=0.001 |
| theta | p=0.345 | <0.001 | p=0.125 | p=0.197 | p=0.149 |

DlPFC 8pA vs s=095

| | Baseline | Emotional | Cognitive | Rest | Overall |
|-------|----------|-----------|-----------|---------|---------|
| alpha | p=0.440 | p=0.206 | p=0.223 | p=0.016 | p=0.403 |
| beta | p=0.319 | p=0.396 | p=0.317 | <0.001 | p=0.006 |
| theta | p=0.312 | p=0.041 | p=0.152 | p=0.052 | p=0.359 |

VACC 8pA vs s = 095