RSPM Multiple-Set Canonical Correlation Report

# Summary of Study, Networks, Conditions, and Behavioural Data

This report is for the \_\_\_\_\_\_\_\_ (RSPM) task, in which participants were \_\_\_\_\_. There were 6 conditions: Easy\_up, Easy\_down, Med\_up, Med\_down, Hard\_up, and Hard\_down. Subjects in the \_\_\_\_\_ condition did \_\_\_(describe condition 1)\_\_\_, subjects in the \_\_\_\_ condition did \_\_(describe condition 2)\_\_\_, etc. The 5 networks identified as part of this study are: DMN\_AAR, RESP, EXT, INIT\_DMN, and CE\_RESP. Variables inputted include the ITP and RTB values for each network. Behavioural variables used in the analysis are Age\_at\_qualt, EducationEstYears, VarGC, WAIS\_FSIQ\_t1, WAIS\_VCI\_t1, WAIS\_PRI\_t1, WAIS\_WMI\_t1, WAIS\_PSI\_t1, CCFTTotal\_t1, pre\_1back\_AVGcorrect, pre\_2back\_AVGcorrect, pre\_3back\_AVGcorrect, pre\_LexDecEasy\_AvgRT, pre\_LexDecHard\_AvgRT, VC\_t1, SI\_t1, BD\_t1, BDntb\_t1, MR\_t1, DSf\_t1, longDSf\_t1, DSb\_t1, longDSb\_t1, DSs\_t1, longDSs\_t1, AR\_t1, SS\_t1, CD\_t1, CCFT1\_t1, CCFT2\_t1, CCFT3\_t1, CCFT4\_t1, AOSPAN\_score\_t1, AOSPAN\_total\_t1, SM\_t1, HEXACO\_Honesty\_Humility, HEXACO\_Sincerity, HEXACO\_Fairness, HEXACO\_Greed\_Avoidance, HEXACO\_Modesty, HEXACO\_Emotionality, HEXACO\_Fearfulness, HEXACO\_Anxiety, HEXACO\_Dependence, HEXACO\_Sentimentality, HEXACO\_Extraversion, HEXACO\_Social\_Self\_esteem, HEXACO\_Social\_Boldness, HEXACO\_Sociability, HEXACO\_Liveliness, HEXACO\_Agreeableness, HEXACO\_Forgiveness, HEXACO\_Gentleness, HEXACO\_Flexibility, HEXACO\_Patience, HEXACO\_Conscientiousness, HEXACO\_Organization, HEXACO\_Diligence, HEXACO\_Perfectionism, HEXACO\_Prudence, HEXACO\_Openness\_to\_Experience, HEXACO\_Aestheic\_Appreciation, HEXACO\_Inquisitiveness, HEXACO\_Creativity, HEXACO\_Unconventionality, POMS\_Vigor, POMS\_Confusion, POMS\_Tension, POMS\_Anger, POMS\_Fatigue, POMS\_Depression, GritScale, NeedForCognition, easy\_RT, med\_RT, hard\_RT, easy\_acc, med\_acc, and hard\_acc.

# Summary of Results

## Summary for Each Behavioural Variable

### For Age\_at\_qualt:

No significant results with PCA.

No significant results with CCA.

### For EducationEstYears:

No significant results with PCA.

No significant results with CCA.

### For VarGC:

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| --- |
| **PCA** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Network** | **PC #** | **R value** | **Conditions** |
| RESP | 2 | -0.41 | Easy\_down negative, Med\_up negative, Hard\_down negative |

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&RESP | RESP | 2 | -0.41 | Easy\_up negative, Med\_up negative, Hard\_up negative, Hard\_down negative |
| DMN\_AAR&INIT\_DMN | INIT\_DMN | 6 | 0.38 | Med\_up positive, Med\_down negative, Hard\_up positive |
| INIT\_DMN&RESP | RESP | 2 | 0.34 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT | CE\_RESP | 2 | -0.35 | Easy\_up negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN | CE\_RESP | 2 | 0.38 | Easy\_up positive, Med\_down positive, Hard\_down positive |
| CE\_RESP&DMN\_AAR&RESP | CE\_RESP | 4 | -0.37 | Easy\_up negative, Easy\_down positive, Med\_down negative, Hard\_up negative, Hard\_down negative |
| CE\_RESP&EXT&INIT\_DMN | INIT\_DMN | 4 | 0.44 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&INIT\_DMN&RESP | CE\_RESP | 2 | -0.38 | Easy\_up negative, Med\_down negative, Hard\_up negative, Hard\_down negative |
| CE\_RESP&INIT\_DMN&RESP | INIT\_DMN | 4 | 0.37 | Easy\_up positive, Easy\_down positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&INIT\_DMN&RESP | RESP | 2 | -0.35 | Easy\_up negative, Med\_down negative, Hard\_up negative, Hard\_down negative |
| EXT&INIT\_DMN&RESP | INIT\_DMN | 4 | 0.4 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN | CE\_RESP | 3 | -0.4 | Easy\_up negative, Med\_down negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&EXT&RESP | CE\_RESP | 2 | 0.38 | Easy\_up positive, Easy\_down negative, Med\_down positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&RESP | RESP | 4 | 0.37 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | INIT\_DMN | 5 | -0.37 | Easy\_down negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | INIT\_DMN | 6 | 0.41 | Easy\_up positive, Easy\_down positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&EXT&INIT\_DMN&RESP | CE\_RESP | 2 | -0.35 | Med\_down negative, Hard\_up negative, Hard\_down negative |
| CE\_RESP&EXT&INIT\_DMN&RESP | INIT\_DMN | 4 | 0.38 | Easy\_down positive, Hard\_up positive |
| CE\_RESP&EXT&INIT\_DMN&RESP | RESP | 2 | -0.36 | Easy\_up negative, Med\_up negative, Hard\_up negative, Hard\_down negative |
| DMN\_AAR&EXT&INIT\_DMN&RESP | INIT\_DMN | 3 | 0.38 | Easy\_down positive, Med\_up positive, Hard\_down positive |
| DMN\_AAR&EXT&INIT\_DMN&RESP | INIT\_DMN | 5 | -0.35 | Easy\_up negative, Easy\_down negative, Med\_up negative, Hard\_up negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | CE\_RESP | 3 | -0.38 | Easy\_up negative, Med\_down negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | INIT\_DMN | 5 | 0.45 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | INIT\_DMN | 6 | -0.35 | Easy\_up negative, Easy\_down negative, Med\_up negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | RESP | 2 | 0.42 | Easy\_up positive, Easy\_down positive, Med\_up positive, Hard\_up positive, Hard\_down positive |

### For WAIS\_FSIQ\_t1:

No significant results with PCA.

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| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT | EXT | 2 | 0.35 | Easy\_up positive, Easy\_down negative |
| DMN\_AAR&EXT | EXT | 2 | -0.4 | Easy\_up negative, Med\_down negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&EXT | EXT | 1 | -0.41 | Easy\_up negative, Med\_up negative, Hard\_up negative |
| DMN\_AAR&EXT&INIT\_DMN | EXT | 1 | 0.4 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| DMN\_AAR&EXT&RESP | EXT | 1 | 0.37 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| EXT&INIT\_DMN&RESP | EXT | 1 | -0.42 | Easy\_up negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN | EXT | 1 | 0.42 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&RESP | EXT | 1 | 0.37 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&EXT&INIT\_DMN&RESP | EXT | 1 | -0.39 | Easy\_up negative, Hard\_up negative |
| DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 1 | 0.41 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 1 | 0.41 | Easy\_up positive, Med\_up positive, Hard\_up positive |

### For WAIS\_VCI\_t1:

No significant results with PCA.

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| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&EXT | DMN\_AAR | 5 | 0.34 | Easy\_up negative, Med\_down negative |
| DMN\_AAR&INIT\_DMN | DMN\_AAR | 4 | -0.38 | Easy\_up positive, Med\_down positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&RESP | DMN\_AAR | 6 | -0.36 | Easy\_up positive, Med\_down positive, Hard\_down positive |
| DMN\_AAR&EXT&INIT\_DMN | EXT | 1 | 0.34 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| DMN\_AAR&INIT\_DMN&RESP | DMN\_AAR | 6 | -0.37 | Easy\_up positive, Easy\_down positive, Med\_up positive, Med\_down positive, Hard\_down positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN | EXT | 1 | 0.34 | Easy\_up positive, Med\_up positive, Hard\_up positive |

### For WAIS\_PRI\_t1:

No significant results with PCA.

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| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT | EXT | 4 | 0.41 | Easy\_down positive, Hard\_up positive |
| EXT&RESP | EXT | 2 | 0.38 | Med\_down negative |
| CE\_RESP&DMN\_AAR&EXT | EXT | 1 | -0.41 | Easy\_up negative, Med\_up negative, Hard\_up negative |
| DMN\_AAR&EXT&INIT\_DMN | EXT | 1 | 0.38 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| EXT&INIT\_DMN&RESP | EXT | 1 | -0.37 | Easy\_up negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN | EXT | 1 | 0.4 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 1 | 0.37 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 1 | 0.37 | Easy\_up positive, Med\_up positive, Hard\_up positive |

### For WAIS\_WMI\_t1:

No significant results with PCA.

No significant results with CCA.

### For WAIS\_PSI\_t1:

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| --- |
| **PCA** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Network** | **PC #** | **R value** | **Conditions** |
| EXT | 2 | -0.36 | Easy\_up negative, Easy\_down positive, Med\_down negative |

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&EXT | EXT | 2 | -0.37 | Easy\_up negative, Med\_down negative, Hard\_down negative |

### For CCFTTotal\_t1:

No significant results with PCA.

No significant results with CCA.

### For pre\_1back\_AVGcorrect:

No significant results with PCA.

No significant results with CCA.

### For pre\_2back\_AVGcorrect:

No significant results with PCA.

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| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT | EXT | 1 | 0.38 | Easy\_up negative, Med\_down negative, Hard\_up negative |
| DMN\_AAR&EXT | EXT | 6 | 0.43 | Med\_down negative |
| EXT&INIT\_DMN | EXT | 4 | 0.48 | Med\_up negative, Hard\_up negative |
| EXT&RESP | EXT | 2 | 0.43 | Med\_down negative |
| CE\_RESP&DMN\_AAR&EXT | EXT | 2 | 0.41 | Hard\_up negative, Hard\_down positive |
| CE\_RESP&EXT&INIT\_DMN | EXT | 2 | 0.39 | Med\_down negative |
| CE\_RESP&EXT&RESP | EXT | 2 | 0.38 | Med\_down negative |
| DMN\_AAR&EXT&INIT\_DMN | EXT | 4 | -0.38 | Easy\_down positive, Med\_down positive |
| DMN\_AAR&EXT&RESP | EXT | 2 | -0.35 | Med\_up positive, Med\_down negative, Hard\_up positive, Hard\_down negative |
| DMN\_AAR&EXT&RESP | EXT | 5 | -0.36 | Med\_up negative, Med\_down positive |
| EXT&INIT\_DMN&RESP | EXT | 3 | -0.42 | Med\_down positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN | EXT | 3 | 0.46 | Hard\_up negative, Hard\_down positive |
| CE\_RESP&DMN\_AAR&EXT&RESP | EXT | 2 | -0.49 | Med\_down positive, Hard\_up positive, Hard\_down negative |
| CE\_RESP&EXT&INIT\_DMN&RESP | EXT | 2 | 0.48 | Med\_down negative, Hard\_up negative |
| DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 4 | 0.39 | Med\_down negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 3 | 0.44 | Easy\_up negative, Med\_up negative, Hard\_up negative |

### For pre\_3back\_AVGcorrect:

No significant results with PCA.

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| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&RESP | DMN\_AAR | 5 | -0.37 | Easy\_up negative, Easy\_down positive |
| DMN\_AAR&INIT\_DMN&RESP | DMN\_AAR | 6 | -0.38 | Easy\_up positive, Easy\_down positive, Med\_up positive, Med\_down positive, Hard\_down positive |

### For pre\_LexDecEasy\_AvgRT:

No significant results with PCA.

No significant results with CCA.

### For pre\_LexDecHard\_AvgRT:

No significant results with PCA.

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| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&INIT\_DMN | CE\_RESP | 5 | 0.34 | Med\_up positive, Hard\_up positive, Hard\_down negative |

### For VC\_t1:

No significant results with PCA.

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| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&RESP | CE\_RESP | 3 | -0.38 | Easy\_down negative, Med\_down negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&RESP | CE\_RESP | 2 | 0.35 | Easy\_down positive, Med\_down positive, Hard\_down positive |

### For SI\_t1:

No significant results with PCA.

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| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&INIT\_DMN | DMN\_AAR | 4 | -0.35 | Easy\_up positive, Med\_down positive, Hard\_up positive |
| DMN\_AAR&RESP | DMN\_AAR | 5 | -0.35 | Easy\_up negative, Easy\_down positive |
| CE\_RESP&DMN\_AAR&RESP | DMN\_AAR | 6 | -0.38 | Easy\_up positive, Med\_down positive, Hard\_down positive |
| DMN\_AAR&INIT\_DMN&RESP | DMN\_AAR | 6 | -0.42 | Easy\_up positive, Easy\_down positive, Med\_up positive, Med\_down positive, Hard\_down positive |

### For BD\_t1:

No significant results with PCA.

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| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT | EXT | 4 | 0.38 | Easy\_down positive, Hard\_up positive |
| EXT&RESP | EXT | 2 | 0.35 | Med\_down negative |

### For BDntb\_t1:

No significant results with PCA.

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| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT | EXT | 4 | 0.44 | Easy\_down positive, Hard\_up positive |
| EXT&RESP | EXT | 2 | 0.43 | Med\_down negative |
| DMN\_AAR&EXT&INIT\_DMN | EXT | 5 | -0.35 | Easy\_down negative, Hard\_down negative |

### For MR\_t1:

No significant results with PCA.

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| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR&EXT | EXT | 1 | -0.34 | Easy\_up negative, Med\_up negative, Hard\_up negative |
| CE\_RESP&EXT&RESP | EXT | 2 | 0.34 | Med\_down negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN | EXT | 1 | 0.35 | Easy\_up positive, Med\_up positive, Hard\_up positive |

### For DSf\_t1:

No significant results with PCA.

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| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| EXT&RESP | RESP | 4 | -0.44 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&RESP | RESP | 4 | 0.4 | Easy\_up negative, Hard\_up negative |
| CE\_RESP&EXT&RESP | RESP | 5 | -0.44 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| DMN\_AAR&INIT\_DMN&RESP | RESP | 5 | -0.36 | Easy\_up positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | RESP | 6 | 0.36 | Hard\_up negative, Hard\_down positive |

### For longDSf\_t1:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| EXT&RESP | RESP | 4 | -0.37 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&RESP | RESP | 4 | 0.36 | Easy\_up negative, Hard\_up negative |
| CE\_RESP&EXT&RESP | RESP | 5 | -0.37 | Easy\_down positive, Med\_up positive, Hard\_up positive |

### For DSb\_t1:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR | DMN\_AAR | 5 | 0.36 | Easy\_up positive, Med\_down positive, Hard\_down positive |
| CE\_RESP&RESP | RESP | 1 | 0.37 | Easy\_down negative, Med\_up positive, Hard\_up positive, Hard\_down negative |
| EXT&RESP | RESP | 6 | -0.39 | Med\_up negative, Med\_down negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&RESP | RESP | 1 | 0.36 | Easy\_down negative, Med\_up positive, Hard\_up positive, Hard\_down negative |
| DMN\_AAR&EXT&RESP | RESP | 4 | 0.37 | Easy\_down negative, Med\_down positive, Hard\_down negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN | EXT | 5 | 0.34 | Easy\_up positive, Easy\_down negative, Hard\_down positive |
| DMN\_AAR&EXT&INIT\_DMN&RESP | RESP | 6 | 0.37 | Easy\_up negative, Hard\_up positive, Hard\_down negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | RESP | 4 | 0.35 | Hard\_up positive, Hard\_down negative |

### For longDSb\_t1:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR | DMN\_AAR | 5 | 0.37 | Easy\_up positive, Med\_down positive, Hard\_down positive |
| CE\_RESP&INIT\_DMN | INIT\_DMN | 4 | -0.36 | Hard\_up positive, Hard\_down negative |
| EXT&INIT\_DMN | INIT\_DMN | 5 | 0.37 | Easy\_up negative, Med\_up negative, Med\_down negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN | INIT\_DMN | 6 | 0.41 | Easy\_up negative, Med\_down negative, Hard\_up negative |
| DMN\_AAR&EXT&INIT\_DMN | EXT | 4 | -0.36 | Easy\_down positive, Med\_down positive |

### For DSs\_t1:

No significant results with PCA.

No significant results with CCA.

### For longDSs\_t1:

No significant results with PCA.

No significant results with CCA.

### For AR\_t1:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&EXT&INIT\_DMN&RESP | RESP | 3 | 0.35 | Hard\_down positive |

### For SS\_t1:

No significant results with PCA.

No significant results with CCA.

### For CD\_t1:

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| --- |
| **PCA** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Network** | **PC #** | **R value** | **Conditions** |
| EXT | 2 | -0.46 | Easy\_up negative, Easy\_down positive, Med\_down negative |

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&EXT | EXT | 2 | -0.4 | Easy\_up negative, Med\_down negative, Hard\_down negative |
| EXT&RESP | EXT | 1 | -0.37 | Easy\_up negative, Med\_down negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&EXT | EXT | 1 | -0.36 | Easy\_up negative, Med\_up negative, Hard\_up negative |
| CE\_RESP&EXT&INIT\_DMN | EXT | 1 | -0.38 | Easy\_up negative, Med\_down negative, Hard\_up negative |
| CE\_RESP&EXT&RESP | EXT | 1 | -0.35 | Easy\_up negative, Med\_down negative, Hard\_up negative |
| DMN\_AAR&EXT&INIT\_DMN | EXT | 1 | 0.34 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| DMN\_AAR&EXT&RESP | EXT | 1 | 0.35 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| EXT&INIT\_DMN&RESP | EXT | 1 | -0.37 | Easy\_up negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN | EXT | 1 | 0.36 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&RESP | EXT | 1 | 0.36 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&RESP | EXT | 3 | -0.37 | Easy\_up negative, Easy\_down positive |
| CE\_RESP&EXT&INIT\_DMN&RESP | EXT | 1 | -0.38 | Easy\_up negative, Hard\_up negative |
| DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 1 | 0.37 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 1 | 0.37 | Easy\_up positive, Med\_up positive, Hard\_up positive |

### For CCFT1\_t1:

No significant results with PCA.

No significant results with CCA.

### For CCFT2\_t1:

No significant results with PCA.

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| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT | CE\_RESP | 6 | -0.45 | Easy\_up positive, Easy\_down negative, Hard\_up positive |
| CE\_RESP&INIT\_DMN | CE\_RESP | 6 | -0.44 | Easy\_up positive, Easy\_down negative, Hard\_up positive, Hard\_down negative |
| CE\_RESP&EXT&RESP | CE\_RESP | 6 | 0.42 | Easy\_up negative, Easy\_down positive |

### For CCFT3\_t1:

No significant results with PCA.

No significant results with CCA.

### For CCFT4\_t1:

No significant results with PCA.

No significant results with CCA.

### For AOSPAN\_score\_t1:

No significant results with PCA.

No significant results with CCA.

### For AOSPAN\_total\_t1:

No significant results with PCA.

No significant results with CCA.

### For SM\_t1:

No significant results with PCA.

No significant results with CCA.

### For HEXACO\_Honesty\_Humility:

|  |
| --- |
| **PCA** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Network** | **PC #** | **R value** | **Conditions** |
| CE\_RESP | 1 | -0.35 | Easy\_up positive, Med\_up positive, Hard\_up positive |

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT | EXT | 1 | 0.35 | Easy\_up negative, Med\_down negative, Hard\_up negative |
| CE\_RESP&EXT&RESP | EXT | 1 | 0.35 | Easy\_up negative, Med\_down negative, Hard\_up negative |

### For HEXACO\_Sincerity:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&EXT | EXT | 3 | -0.44 | Easy\_down negative |
| EXT&INIT\_DMN | EXT | 5 | 0.4 | Easy\_up negative, Easy\_down positive, Med\_down negative |
| CE\_RESP&DMN\_AAR&EXT | EXT | 4 | -0.36 | Easy\_up positive, Easy\_down negative |
| DMN\_AAR&EXT&INIT\_DMN | EXT | 5 | -0.45 | Easy\_down negative, Hard\_down negative |
| DMN\_AAR&EXT&RESP | EXT | 3 | 0.35 | Easy\_down positive |
| DMN\_AAR&EXT&RESP | EXT | 4 | 0.38 | Easy\_down positive, Med\_up positive, Hard\_down positive |
| EXT&INIT\_DMN&RESP | EXT | 5 | 0.4 | Easy\_down positive, Hard\_down positive |
| CE\_RESP&DMN\_AAR&EXT&RESP | EXT | 5 | -0.35 | Easy\_down negative, Med\_up negative, Hard\_down negative |
| DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 5 | 0.37 | Easy\_down positive, Hard\_down positive |

### For HEXACO\_Fairness:

|  |
| --- |
| **PCA** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Network** | **PC #** | **R value** | **Conditions** |
| CE\_RESP | 1 | -0.38 | Easy\_up positive, Med\_up positive, Hard\_up positive |

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT&INIT\_DMN | CE\_RESP | 4 | -0.38 | Easy\_up positive, Med\_up positive, Hard\_up positive |

### For HEXACO\_Greed\_Avoidance:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT | EXT | 1 | 0.37 | Easy\_up negative, Med\_down negative, Hard\_up negative |
| CE\_RESP&EXT | EXT | 4 | -0.35 | Easy\_down positive, Hard\_up positive |
| DMN\_AAR&EXT | EXT | 4 | 0.37 | Med\_up positive, Med\_down negative, Hard\_up negative, Hard\_down positive |
| EXT&INIT\_DMN | EXT | 1 | 0.38 | Med\_up positive, Med\_down negative |
| EXT&RESP | EXT | 1 | 0.42 | Easy\_up negative, Med\_down negative, Hard\_up negative |
| EXT&RESP | RESP | 2 | -0.35 | Easy\_up negative, Easy\_down positive, Hard\_up negative |
| CE\_RESP&EXT&INIT\_DMN | EXT | 1 | 0.34 | Easy\_up negative, Med\_down negative, Hard\_up negative |
| CE\_RESP&EXT&INIT\_DMN | EXT | 3 | 0.39 | Easy\_up positive, Easy\_down negative, Med\_up positive, Hard\_down positive |
| CE\_RESP&EXT&RESP | EXT | 1 | 0.41 | Easy\_up negative, Med\_down negative, Hard\_up negative |
| CE\_RESP&EXT&RESP | EXT | 6 | -0.38 | Med\_up negative, Med\_down positive, Hard\_down negative |
| DMN\_AAR&EXT&INIT\_DMN | EXT | 1 | -0.36 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| DMN\_AAR&EXT&RESP | EXT | 1 | -0.41 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| EXT&INIT\_DMN&RESP | EXT | 1 | 0.42 | Easy\_up negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&EXT&RESP | EXT | 1 | -0.41 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&EXT&INIT\_DMN&RESP | EXT | 1 | 0.41 | Easy\_up negative, Hard\_up negative |
| DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 1 | -0.41 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 1 | -0.39 | Easy\_up positive, Med\_up positive, Hard\_up positive |

### For HEXACO\_Modesty:

No significant results with PCA.

No significant results with CCA.

### For HEXACO\_Emotionality:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&RESP | DMN\_AAR | 4 | 0.36 | Med\_down positive, Hard\_down positive |
| DMN\_AAR&RESP | RESP | 4 | 0.35 | Easy\_down positive, Med\_down negative, Hard\_down negative |
| EXT&RESP | RESP | 6 | 0.35 | Med\_up negative, Med\_down negative, Hard\_up negative |
| INIT\_DMN&RESP | RESP | 4 | 0.37 | Med\_down negative, Hard\_down negative |
| DMN\_AAR&INIT\_DMN&RESP | RESP | 4 | -0.43 | Med\_down positive, Hard\_down positive |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | RESP | 2 | 0.36 | Med\_down negative, Hard\_up negative |

### For HEXACO\_Fearfulness:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT&RESP | RESP | 6 | -0.34 | Easy\_down positive, Med\_up positive, Med\_down positive, Hard\_up positive |

### For HEXACO\_Anxiety:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR | DMN\_AAR | 6 | 0.38 | Easy\_down negative, Med\_up negative, Med\_down positive, Hard\_up negative |
| CE\_RESP&DMN\_AAR&EXT | DMN\_AAR | 5 | -0.36 | Easy\_down positive, Med\_up positive, Med\_down negative, Hard\_up positive |

### For HEXACO\_Dependence:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| EXT&RESP | EXT | 4 | 0.41 | Easy\_down negative, Med\_up negative, Med\_down positive |
| CE\_RESP&EXT&INIT\_DMN | EXT | 6 | 0.41 | Easy\_down negative, Med\_up negative |
| CE\_RESP&EXT&RESP | EXT | 5 | 0.4 | Easy\_down negative, Med\_up negative, Med\_down positive, Hard\_up negative, Hard\_down positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN | EXT | 5 | 0.34 | Easy\_up positive, Easy\_down negative, Hard\_down positive |
| CE\_RESP&EXT&INIT\_DMN&RESP | EXT | 6 | -0.34 | Easy\_down positive, Med\_up positive, Hard\_down positive |

### For HEXACO\_Sentimentality:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT | EXT | 2 | 0.37 | Easy\_up positive, Easy\_down negative |
| DMN\_AAR&INIT\_DMN | DMN\_AAR | 6 | 0.35 | Easy\_down positive, Med\_down positive, Hard\_down positive |
| DMN\_AAR&RESP | DMN\_AAR | 4 | 0.38 | Med\_down positive, Hard\_down positive |
| DMN\_AAR&RESP | RESP | 4 | 0.4 | Easy\_down positive, Med\_down negative, Hard\_down negative |
| EXT&INIT\_DMN | EXT | 4 | 0.35 | Med\_up negative, Hard\_up negative |
| INIT\_DMN&RESP | RESP | 4 | 0.39 | Med\_down negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&EXT | EXT | 6 | -0.36 | Easy\_down positive, Med\_up positive, Hard\_down positive |
| CE\_RESP&DMN\_AAR&RESP | DMN\_AAR | 5 | -0.38 | Hard\_up positive, Hard\_down negative |
| CE\_RESP&DMN\_AAR&RESP | RESP | 5 | -0.36 | Hard\_down positive |
| CE\_RESP&EXT&INIT\_DMN | EXT | 2 | 0.37 | Med\_down negative |
| CE\_RESP&EXT&RESP | EXT | 2 | 0.4 | Med\_down negative |
| CE\_RESP&EXT&RESP | RESP | 2 | 0.34 | Easy\_up negative, Easy\_down positive, Med\_up negative, Hard\_up negative |
| DMN\_AAR&INIT\_DMN&RESP | RESP | 4 | -0.45 | Med\_down positive, Hard\_down positive |
| CE\_RESP&DMN\_AAR&EXT&RESP | DMN\_AAR | 5 | 0.37 | Easy\_up negative, Med\_up negative, Med\_down positive, Hard\_down positive |
| CE\_RESP&DMN\_AAR&EXT&RESP | EXT | 2 | -0.38 | Med\_down positive, Hard\_up positive, Hard\_down negative |
| CE\_RESP&DMN\_AAR&EXT&RESP | RESP | 5 | 0.36 | Easy\_up positive, Hard\_up positive, Hard\_down negative |
| CE\_RESP&EXT&INIT\_DMN&RESP | EXT | 2 | 0.37 | Med\_down negative, Hard\_up negative |
| CE\_RESP&EXT&INIT\_DMN&RESP | RESP | 2 | 0.36 | Easy\_up negative, Med\_up negative, Hard\_up negative, Hard\_down negative |
| DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 3 | -0.37 | Easy\_down positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | DMN\_AAR | 6 | -0.36 | Easy\_down negative, Med\_down negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 4 | 0.38 | Easy\_up positive, Easy\_down negative, Hard\_up negative |

### For HEXACO\_Extraversion:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR&EXT | EXT | 5 | -0.35 | Med\_up positive, Med\_down negative, Hard\_down negative |

### For HEXACO\_Social\_Self\_esteem:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR&EXT | EXT | 5 | -0.43 | Med\_up positive, Med\_down negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN | DMN\_AAR | 3 | -0.36 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&INIT\_DMN&RESP | RESP | 5 | 0.35 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| DMN\_AAR&EXT&RESP | RESP | 2 | -0.36 | Easy\_down negative, Med\_up negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&EXT&RESP | EXT | 4 | 0.37 | Med\_up negative, Med\_down positive |
| CE\_RESP&DMN\_AAR&EXT&RESP | RESP | 4 | 0.37 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 2 | 0.35 | Med\_down positive |

### For HEXACO\_Social\_Boldness:

No significant results with PCA.

No significant results with CCA.

### For HEXACO\_Sociability:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&INIT\_DMN | INIT\_DMN | 4 | -0.38 | Hard\_up positive, Hard\_down negative |
| DMN\_AAR&INIT\_DMN | INIT\_DMN | 5 | 0.34 | Med\_down negative, Hard\_up negative, Hard\_down positive |
| EXT&INIT\_DMN | INIT\_DMN | 5 | 0.41 | Easy\_up negative, Med\_up negative, Med\_down negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN | INIT\_DMN | 4 | -0.38 | Easy\_down positive, Med\_up positive, Hard\_up positive, Hard\_down negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN | INIT\_DMN | 6 | 0.37 | Easy\_up negative, Med\_down negative, Hard\_up negative |
| DMN\_AAR&EXT&INIT\_DMN | INIT\_DMN | 6 | 0.4 | Easy\_up negative, Med\_up negative, Hard\_up negative, Hard\_down positive |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | RESP | 5 | 0.34 | Hard\_up positive, Hard\_down negative |

### For HEXACO\_Liveliness:

No significant results with PCA.

No significant results with CCA.

### For HEXACO\_Agreeableness:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR | CE\_RESP | 3 | 0.38 | Easy\_up negative, Easy\_down positive, Med\_up negative, Hard\_up negative |
| CE\_RESP&RESP | CE\_RESP | 5 | 0.4 | Easy\_up negative, Med\_down negative, Hard\_up negative, Hard\_down positive |

### For HEXACO\_Forgiveness:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&RESP | DMN\_AAR | 5 | -0.35 | Easy\_up negative, Easy\_down positive |
| DMN\_AAR&INIT\_DMN&RESP | DMN\_AAR | 5 | -0.37 | Easy\_up negative, Easy\_down positive, Med\_down positive, Hard\_down negative |

### For HEXACO\_Gentleness:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR | CE\_RESP | 3 | 0.34 | Easy\_up negative, Easy\_down positive, Med\_up negative, Hard\_up negative |
| CE\_RESP&RESP | CE\_RESP | 5 | 0.35 | Easy\_up negative, Med\_down negative, Hard\_up negative, Hard\_down positive |
| CE\_RESP&DMN\_AAR&EXT | CE\_RESP | 4 | -0.35 | Easy\_up positive, Med\_down positive, Hard\_down positive |

### For HEXACO\_Flexibility:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| EXT&INIT\_DMN&RESP | INIT\_DMN | 6 | 0.35 | Easy\_down negative, Med\_down negative |

### For HEXACO\_Patience:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR | CE\_RESP | 6 | -0.34 | Med\_up negative, Med\_down positive, Hard\_down negative |
| CE\_RESP&EXT | CE\_RESP | 6 | -0.45 | Easy\_up positive, Easy\_down negative, Hard\_up positive |
| CE\_RESP&INIT\_DMN | CE\_RESP | 6 | -0.36 | Easy\_up positive, Easy\_down negative, Hard\_up positive, Hard\_down negative |
| EXT&RESP | RESP | 6 | -0.37 | Med\_up negative, Med\_down negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&EXT | CE\_RESP | 6 | 0.46 | Med\_up negative, Hard\_up negative, Hard\_down positive |
| CE\_RESP&DMN\_AAR&RESP | CE\_RESP | 1 | 0.36 | Easy\_up negative, Hard\_up negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | CE\_RESP | 2 | -0.36 | Med\_down negative, Hard\_down negative |

### For HEXACO\_Conscientiousness:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | DMN\_AAR | 6 | 0.35 | Easy\_down positive, Med\_up positive, Med\_down positive, Hard\_down positive |

### For HEXACO\_Organization:

No significant results with PCA.

No significant results with CCA.

### For HEXACO\_Diligence:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&EXT | DMN\_AAR | 4 | -0.35 | Easy\_up positive, Hard\_up positive, Hard\_down positive |

### For HEXACO\_Perfectionism:

|  |
| --- |
| **PCA** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Network** | **PC #** | **R value** | **Conditions** |
| DMN\_AAR | 2 | 0.39 | Easy\_down positive, Hard\_down positive |

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR | DMN\_AAR | 3 | -0.35 | Easy\_down negative, Med\_up negative, Hard\_down negative |
| DMN\_AAR&INIT\_DMN | DMN\_AAR | 6 | 0.4 | Easy\_down positive, Med\_down positive, Hard\_down positive |
| CE\_RESP&DMN\_AAR&EXT | DMN\_AAR | 4 | 0.43 | Easy\_down positive, Hard\_down positive |
| DMN\_AAR&EXT&RESP | DMN\_AAR | 3 | -0.4 | Hard\_down negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | DMN\_AAR | 5 | 0.37 | Hard\_up negative, Hard\_down positive |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | DMN\_AAR | 6 | 0.38 | Easy\_down positive, Med\_up positive, Med\_down positive, Hard\_down positive |
| DMN\_AAR&EXT&INIT\_DMN&RESP | DMN\_AAR | 3 | -0.36 | Hard\_down negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | DMN\_AAR | 6 | -0.41 | Easy\_down negative, Med\_down negative, Hard\_down negative |

### For HEXACO\_Prudence:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&RESP | RESP | 4 | -0.36 | Easy\_down negative, Med\_up negative |
| EXT&INIT\_DMN&RESP | RESP | 5 | -0.35 | Easy\_up negative, Hard\_up negative |

### For HEXACO\_Openness\_to\_Experience:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT | CE\_RESP | 6 | -0.39 | Easy\_up positive, Easy\_down negative, Hard\_up positive |
| CE\_RESP&INIT\_DMN | CE\_RESP | 1 | 0.35 | Easy\_down negative, Med\_down positive |
| CE\_RESP&RESP | CE\_RESP | 1 | 0.35 | Easy\_up negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&RESP | CE\_RESP | 1 | 0.37 | Easy\_up negative, Hard\_up negative, Hard\_down negative |
| CE\_RESP&EXT&RESP | CE\_RESP | 2 | -0.37 | Easy\_down positive, Med\_up negative, Med\_down negative, Hard\_up negative |
| CE\_RESP&INIT\_DMN&RESP | CE\_RESP | 1 | 0.38 | Easy\_up negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | CE\_RESP | 1 | 0.34 | Easy\_up negative, Easy\_down negative, Med\_up negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | CE\_RESP | 2 | -0.35 | Med\_down negative, Hard\_down negative |

### For HEXACO\_Aestheic\_Appreciation:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT | CE\_RESP | 6 | -0.34 | Easy\_up positive, Easy\_down negative, Hard\_up positive |

### For HEXACO\_Inquisitiveness:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&INIT\_DMN | INIT\_DMN | 1 | 0.4 | Med\_up positive, Hard\_up negative, Hard\_down positive |
| CE\_RESP&DMN\_AAR&INIT\_DMN | INIT\_DMN | 1 | 0.35 | Easy\_down negative, Med\_up positive, Hard\_up negative, Hard\_down positive |
| CE\_RESP&INIT\_DMN&RESP | INIT\_DMN | 1 | 0.37 | Easy\_up positive, Med\_up positive, Hard\_down positive |
| DMN\_AAR&EXT&INIT\_DMN | INIT\_DMN | 6 | -0.36 | Easy\_up negative, Med\_up negative, Hard\_up negative, Hard\_down positive |
| DMN\_AAR&EXT&RESP | RESP | 6 | -0.38 | Easy\_up negative, Easy\_down negative, Med\_up negative, Med\_down negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&EXT&RESP | RESP | 6 | 0.35 | Med\_down positive, Hard\_up negative, Hard\_down positive |

### For HEXACO\_Creativity:

No significant results with PCA.

No significant results with CCA.

### For HEXACO\_Unconventionality:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR | CE\_RESP | 1 | 0.37 | Easy\_up negative, Easy\_down negative, Med\_up negative, Med\_down positive, Hard\_down negative |
| CE\_RESP&INIT\_DMN | CE\_RESP | 1 | 0.35 | Easy\_down negative, Med\_down positive |
| CE\_RESP&DMN\_AAR&INIT\_DMN | CE\_RESP | 1 | 0.37 | Easy\_up negative, Easy\_down negative, Med\_up negative, Hard\_down negative |
| CE\_RESP&EXT&INIT\_DMN | CE\_RESP | 2 | -0.35 | Med\_up positive, Med\_down negative, Hard\_up negative, Hard\_down positive |
| CE\_RESP&INIT\_DMN&RESP | CE\_RESP | 1 | 0.35 | Easy\_up negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | CE\_RESP | 1 | 0.35 | Easy\_up negative, Easy\_down negative, Med\_up negative, Hard\_down negative |

### For POMS\_Vigor:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT | EXT | 6 | 0.37 | Easy\_down negative, Med\_up negative, Hard\_down negative |
| CE\_RESP&RESP | RESP | 4 | -0.45 | Easy\_down negative, Med\_up negative |
| DMN\_AAR&RESP | RESP | 6 | -0.37 | Easy\_up negative, Med\_down negative, Hard\_down negative |
| EXT&RESP | RESP | 3 | -0.34 | Easy\_down positive, Med\_up positive, Hard\_down positive |
| EXT&RESP | RESP | 4 | 0.36 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| INIT\_DMN&RESP | RESP | 3 | 0.36 | Easy\_up positive, Med\_down positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&RESP | RESP | 5 | -0.35 | Hard\_down positive |
| CE\_RESP&INIT\_DMN&RESP | RESP | 5 | 0.39 | Easy\_down positive, Med\_up positive, Hard\_up positive |
| CE\_RESP&INIT\_DMN&RESP | RESP | 6 | 0.42 | Easy\_down positive, Med\_up positive, Hard\_down positive |
| DMN\_AAR&INIT\_DMN&RESP | RESP | 6 | -0.41 | Easy\_up negative, Easy\_down negative, Med\_down negative, Hard\_up positive, Hard\_down negative |
| EXT&INIT\_DMN&RESP | RESP | 5 | -0.51 | Easy\_up negative, Hard\_up negative |
| CE\_RESP&DMN\_AAR&EXT&RESP | RESP | 5 | 0.41 | Easy\_up positive, Hard\_up positive, Hard\_down negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | RESP | 5 | 0.36 | Hard\_up positive, Hard\_down negative |
| CE\_RESP&EXT&INIT\_DMN&RESP | EXT | 6 | -0.35 | Easy\_down positive, Med\_up positive, Hard\_down positive |
| CE\_RESP&EXT&INIT\_DMN&RESP | RESP | 6 | -0.39 | Easy\_down negative, Med\_down negative, Hard\_up negative |

### For POMS\_Confusion:

No significant results with PCA.

No significant results with CCA.

### For POMS\_Tension:

|  |
| --- |
| **PCA** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Network** | **PC #** | **R value** | **Conditions** |
| RESP | 1 | -0.34 | Easy\_up positive, Med\_down positive, Hard\_up positive |

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&RESP | RESP | 2 | 0.4 | Easy\_up negative, Med\_up negative, Hard\_up negative, Hard\_down negative |
| DMN\_AAR&EXT | DMN\_AAR | 6 | -0.35 | Easy\_down positive, Hard\_up negative, Hard\_down positive |
| DMN\_AAR&RESP | RESP | 5 | -0.35 | Easy\_up positive, Med\_up positive, Hard\_up positive |
| EXT&RESP | RESP | 2 | 0.36 | Easy\_up negative, Easy\_down positive, Hard\_up negative |
| CE\_RESP&DMN\_AAR&RESP | RESP | 4 | 0.38 | Easy\_up negative, Hard\_up negative |
| CE\_RESP&EXT&RESP | RESP | 2 | 0.36 | Easy\_up negative, Easy\_down positive, Med\_up negative, Hard\_up negative |
| CE\_RESP&INIT\_DMN&RESP | RESP | 2 | 0.37 | Easy\_up negative, Med\_down negative, Hard\_up negative, Hard\_down negative |
| DMN\_AAR&EXT&RESP | RESP | 5 | -0.45 | Easy\_up positive, Hard\_up positive |
| EXT&INIT\_DMN&RESP | RESP | 3 | -0.43 | Easy\_up positive, Med\_down positive, Hard\_up positive |
| CE\_RESP&DMN\_AAR&EXT&RESP | RESP | 2 | -0.4 | Easy\_up positive |
| CE\_RESP&EXT&INIT\_DMN&RESP | RESP | 2 | 0.43 | Easy\_up negative, Med\_up negative, Hard\_up negative, Hard\_down negative |
| DMN\_AAR&EXT&INIT\_DMN&RESP | DMN\_AAR | 6 | -0.36 | Easy\_up negative, Easy\_down positive, Med\_down negative, Hard\_up negative, Hard\_down positive |
| DMN\_AAR&EXT&INIT\_DMN&RESP | RESP | 4 | 0.42 | Easy\_up negative, Med\_down negative, Hard\_up negative |

### For POMS\_Anger:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT&INIT\_DMN | INIT\_DMN | 1 | -0.34 | Easy\_up positive, Easy\_down negative, Med\_up positive, Hard\_up positive |
| DMN\_AAR&EXT&INIT\_DMN&RESP | RESP | 4 | 0.34 | Easy\_up negative, Med\_down negative, Hard\_up negative |

### For POMS\_Fatigue:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&EXT | DMN\_AAR | 6 | -0.37 | Easy\_down positive, Hard\_up negative, Hard\_down positive |
| CE\_RESP&DMN\_AAR&EXT | DMN\_AAR | 4 | -0.36 | Easy\_down positive, Hard\_down positive |
| DMN\_AAR&INIT\_DMN&RESP | DMN\_AAR | 3 | 0.35 | Easy\_up positive, Hard\_up positive, Hard\_down negative |
| DMN\_AAR&INIT\_DMN&RESP | RESP | 3 | 0.36 | Hard\_up negative, Hard\_down positive |
| CE\_RESP&DMN\_AAR&EXT&RESP | DMN\_AAR | 3 | 0.38 | Easy\_up positive, Easy\_down negative, Med\_down positive, Hard\_up positive, Hard\_down negative |
| DMN\_AAR&EXT&INIT\_DMN&RESP | DMN\_AAR | 6 | -0.35 | Easy\_up negative, Easy\_down positive, Med\_down negative, Hard\_up negative, Hard\_down positive |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | RESP | 4 | -0.37 | Hard\_up positive, Hard\_down negative |

### For POMS\_Depression:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&RESP | RESP | 6 | 0.36 | Easy\_up negative, Med\_down negative, Hard\_down negative |

### For GritScale:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&INIT\_DMN | CE\_RESP | 4 | 0.36 | Easy\_down negative, Med\_up positive, Med\_down negative |
| CE\_RESP&EXT&INIT\_DMN | CE\_RESP | 5 | 0.36 | Easy\_down negative, Med\_up positive, Med\_down negative, Hard\_down positive |

### For NeedForCognition:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&DMN\_AAR | CE\_RESP | 1 | 0.38 | Easy\_up negative, Easy\_down negative, Med\_up negative, Med\_down positive, Hard\_down negative |
| CE\_RESP&INIT\_DMN | CE\_RESP | 1 | 0.36 | Easy\_down negative, Med\_down positive |
| CE\_RESP&DMN\_AAR&INIT\_DMN | CE\_RESP | 1 | 0.38 | Easy\_up negative, Easy\_down negative, Med\_up negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&RESP | CE\_RESP | 1 | 0.39 | Easy\_up negative, Hard\_up negative, Hard\_down negative |
| CE\_RESP&EXT&RESP | RESP | 6 | 0.37 | Easy\_down positive, Med\_up positive, Med\_down positive, Hard\_up positive |
| CE\_RESP&INIT\_DMN&RESP | CE\_RESP | 1 | 0.37 | Easy\_up negative, Hard\_down negative |
| EXT&INIT\_DMN&RESP | RESP | 6 | -0.4 | Hard\_up negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | CE\_RESP | 1 | 0.37 | Easy\_up negative, Easy\_down negative, Med\_up negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&INIT\_DMN&RESP | RESP | 2 | -0.42 | Med\_down negative, Hard\_up negative |
| CE\_RESP&EXT&INIT\_DMN&RESP | RESP | 6 | -0.38 | Easy\_down negative, Med\_down negative, Hard\_up negative |

### For easy\_RT:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&INIT\_DMN&RESP | RESP | 4 | 0.37 | Easy\_up negative, Easy\_down positive |
| DMN\_AAR&INIT\_DMN&RESP | RESP | 2 | -0.35 | Easy\_down negative, Med\_up negative |
| EXT&INIT\_DMN&RESP | RESP | 2 | -0.36 | Easy\_down negative, Med\_up negative |
| DMN\_AAR&EXT&INIT\_DMN&RESP | RESP | 2 | -0.34 | Easy\_down negative, Med\_up negative, Hard\_up negative |

### For med\_RT:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| EXT&INIT\_DMN | EXT | 3 | 0.38 | Easy\_up negative, Med\_up negative, Med\_down positive, Hard\_up negative, Hard\_down positive |
| CE\_RESP&EXT&RESP | EXT | 6 | -0.37 | Med\_up negative, Med\_down positive, Hard\_down negative |
| CE\_RESP&INIT\_DMN&RESP | RESP | 4 | 0.36 | Easy\_up negative, Easy\_down positive |
| EXT&INIT\_DMN&RESP | EXT | 1 | 0.35 | Easy\_up negative, Hard\_up negative |

### For hard\_RT:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| CE\_RESP&EXT&RESP | EXT | 6 | -0.39 | Med\_up negative, Med\_down positive, Hard\_down negative |

### For easy\_acc:

No significant results with PCA.

No significant results with CCA.

### For med\_acc:

No significant results with PCA.

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| EXT&INIT\_DMN | EXT | 6 | 0.34 | Easy\_down positive, Med\_up positive, Hard\_down positive |
| CE\_RESP&EXT&RESP | EXT | 3 | -0.38 | Easy\_up positive, Easy\_down negative |
| DMN\_AAR&EXT&INIT\_DMN | EXT | 5 | -0.35 | Easy\_down negative, Hard\_down negative |
| DMN\_AAR&EXT&RESP | EXT | 3 | 0.36 | Easy\_down positive |
| CE\_RESP&DMN\_AAR&EXT&RESP | EXT | 5 | -0.38 | Easy\_down negative, Med\_up negative, Hard\_down negative |
| CE\_RESP&DMN\_AAR&EXT&INIT\_DMN&RESP | EXT | 5 | 0.4 | Easy\_down positive, Med\_up positive, Med\_down negative, Hard\_down positive |

### For hard\_acc:

|  |
| --- |
| **PCA** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Network** | **PC #** | **R value** | **Conditions** |
| EXT | 1 | -0.34 | Easy\_down positive, Med\_up positive, Hard\_up positive |

|  |
| --- |
| **CCA** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Network Group** | **Network** | **CV #** | **R value** | **Conditions** |
| DMN\_AAR&EXT | EXT | 1 | 0.36 | Easy\_up negative, Med\_up negative, Hard\_up negative |

## Principal Component Analysis

|  |  |
| --- | --- |
| Network | CE\_RESP |
| PCA component | **1.0** |
| Correlated with | HEXACO\_POMS\_Other |
| Condition | HEXACO\_Honesty\_Humility |
| R | -0.35 |
| p | 0.01 |
| Easy\_up | **0.73** |
| Easy\_down | -0.14 |
| Med\_up | **0.85** |
| Med\_down | -0.06 |
| Hard\_up | **0.85** |
| Hard\_down | -0.04 |

|  |  |
| --- | --- |
| Network | CE\_RESP |
| PCA component | **1.0** |
| Correlated with | HEXACO\_POMS\_Other |
| Condition | HEXACO\_Fairness |
| R | -0.38 |
| p | 0.0 |
| Easy\_up | **0.73** |
| Easy\_down | -0.14 |
| Med\_up | **0.85** |
| Med\_down | -0.06 |
| Hard\_up | **0.85** |
| Hard\_down | -0.04 |

|  |  |
| --- | --- |
| Network | DMN\_AAR |
| PCA component | **2.0** |
| Correlated with | HEXACO\_POMS\_Other |
| Condition | HEXACO\_Perfectionism |
| R | 0.39 |
| p | 0.0 |
| Easy\_up | -0.06 |
| Easy\_down | **0.85** |
| Med\_up | 0.4 |
| Med\_down | 0.26 |
| Hard\_up | -0.07 |
| Hard\_down | **0.85** |

|  |  |
| --- | --- |
| Network | EXT |
| PCA component | **1.0** |
| Correlated with | acc |
| Condition | hard\_acc |
| R | -0.34 |
| p | 0.01 |
| Easy\_up | 0.36 |
| Easy\_down | **0.55** |
| Med\_up | **0.9** |
| Med\_down | -0.18 |
| Hard\_up | **0.77** |
| Hard\_down | 0.07 |

|  |  |
| --- | --- |
| Network | EXT |
| PCA component | **2.0** |
| Correlated with | Demographics |
| Condition | WAIS\_PSI\_t1 |
| R | -0.36 |
| p | 0.01 |
| Easy\_up | **-0.9** |
| Easy\_down | **0.55** |
| Med\_up | -0.02 |
| Med\_down | **-0.59** |
| Hard\_up | -0.21 |
| Hard\_down | -0.23 |

|  |  |
| --- | --- |
| Network | EXT |
| PCA component | **2.0** |
| Correlated with | WAIS\_CCFT |
| Condition | CD\_t1 |
| R | **-0.46** |
| p | 0.0 |
| Easy\_up | **-0.9** |
| Easy\_down | **0.55** |
| Med\_up | -0.02 |
| Med\_down | **-0.59** |
| Hard\_up | -0.21 |
| Hard\_down | -0.23 |

|  |  |
| --- | --- |
| Network | RESP |
| PCA component | **2.0** |
| Correlated with | Demographics |
| Condition | VarGC |
| R | **-0.41** |
| p | 0.0 |
| Easy\_up | -0.17 |
| Easy\_down | **-0.74** |
| Med\_up | **-0.8** |
| Med\_down | 0.14 |
| Hard\_up | -0.12 |
| Hard\_down | **-0.7** |

|  |  |
| --- | --- |
| Network | RESP |
| PCA component | **1.0** |
| Correlated with | HEXACO\_POMS\_Other |
| Condition | POMS\_Tension |
| R | -0.34 |
| p | 0.01 |
| Easy\_up | **0.84** |
| Easy\_down | 0.12 |
| Med\_up | -0.15 |
| Med\_down | **0.86** |
| Hard\_up | **0.62** |
| Hard\_down | 0.19 |

## Multiple-Set Canonical Correlation Analysis

### Significant Correlation with VarGC

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and VarGC  
Canonical Variate 2 (R = -0.41, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.71** |
| Easy\_down | -0.17 |
| Med\_up | **-0.51** |
| Med\_down | -0.2 |
| Hard\_up | **-0.61** |
| Hard\_down | **-0.42** |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.26** |
| Easy\_down | 0.2 |
| Med\_up | -0.18 |
| Med\_down | **-0.27** |
| Hard\_up | -0.24 |
| Hard\_down | **-0.5** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and VarGC  
Canonical Variate 6 (R = 0.38, P < 0.01)

INIT\_DMN CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.06 |
| Easy\_down | 0.21 |
| Med\_up | **0.81** |
| Med\_down | **-0.57** |
| Hard\_up | **0.48** |
| Hard\_down | -0.2 |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.02 |
| Easy\_down | **0.33** |
| Med\_up | 0.19 |
| Med\_down | **0.44** |
| Hard\_up | 0.0 |
| Hard\_down | **0.55** |

#### C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and VarGC  
Canonical Variate 2 (R = 0.34, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | **0.74** |
| Med\_up | **0.72** |
| Med\_down | -0.09 |
| Hard\_up | **0.39** |
| Hard\_down | **0.37** |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.61** |
| Easy\_down | 0.3 |
| Med\_up | **0.77** |
| Med\_down | -0.13 |
| Hard\_up | 0.26 |
| Hard\_down | **0.39** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between CE\_RESP and VarGC  
Canonical Variate 2 (R = -0.35, P < 0.01)

CE\_RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.51** |
| Easy\_down | 0.18 |
| Med\_up | -0.34 |
| Med\_down | -0.36 |
| Hard\_up | **-0.82** |
| Hard\_down | 0.01 |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.28** |
| Easy\_down | **-0.37** |
| Med\_up | **-0.42** |
| Med\_down | 0.13 |
| Hard\_up | **-0.51** |
| Hard\_down | **0.31** |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.06 |
| Easy\_down | -0.28 |
| Med\_up | -0.33 |
| Med\_down | -0.19 |
| Hard\_up | **-0.78** |
| Hard\_down | **0.44** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and VarGC  
Canonical Variate 2 (R = 0.38, P < 0.01)

CE\_RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.49** |
| Easy\_down | -0.04 |
| Med\_up | 0.15 |
| Med\_down | **0.77** |
| Hard\_up | 0.36 |
| Hard\_down | **0.44** |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.75** |
| Easy\_down | **0.4** |
| Med\_up | 0.27 |
| Med\_down | **-0.54** |
| Hard\_up | **-0.44** |
| Hard\_down | 0.09 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.48** |
| Easy\_down | **0.8** |
| Med\_up | -0.15 |
| Med\_down | 0.05 |
| Hard\_up | -0.23 |
| Hard\_down | 0.25 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and VarGC  
Canonical Variate 4 (R = -0.37, P < 0.01)

CE\_RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.45** |
| Easy\_down | **0.28** |
| Med\_up | -0.12 |
| Med\_down | **-0.49** |
| Hard\_up | **-0.44** |
| Hard\_down | **-0.4** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.69** |
| Easy\_down | **-0.45** |
| Med\_up | -0.15 |
| Med\_down | 0.12 |
| Hard\_up | 0.23 |
| Hard\_down | -0.16 |

RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.77** |
| Easy\_down | -0.17 |
| Med\_up | -0.19 |
| Med\_down | -0.34 |
| Hard\_up | **-0.74** |
| Hard\_down | -0.1 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and VarGC  
Canonical Variate 4 (R = 0.44, P < 0.01)

INIT\_DMN CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | **0.78** |
| Med\_up | **0.63** |
| Med\_down | -0.13 |
| Hard\_up | **0.48** |
| Hard\_down | 0.3 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.59** |
| Easy\_down | -0.05 |
| Med\_up | **0.91** |
| Med\_down | -0.05 |
| Hard\_up | **0.7** |
| Hard\_down | 0.14 |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.04 |
| Easy\_down | 0.31 |
| Med\_up | **0.41** |
| Med\_down | -0.09 |
| Hard\_up | **0.71** |
| Hard\_down | -0.19 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and VarGC  
Canonical Variate 2 (R = -0.38, P < 0.01)

CE\_RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.38** |
| Easy\_down | 0.07 |
| Med\_up | -0.14 |
| Med\_down | **-0.57** |
| Hard\_up | **-0.32** |
| Hard\_down | **-0.61** |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.31** |
| Easy\_down | **-0.44** |
| Med\_up | 0.04 |
| Med\_down | 0.19 |
| Hard\_up | **0.4** |
| Hard\_down | -0.08 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.69** |
| Easy\_down | -0.33 |
| Med\_up | -0.24 |
| Med\_down | **-0.57** |
| Hard\_up | **-0.6** |
| Hard\_down | **-0.52** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between INIT\_DMN and VarGC  
Canonical Variate 4 (R = 0.37, P < 0.01)

INIT\_DMN CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.55** |
| Easy\_down | **0.44** |
| Med\_up | **0.71** |
| Med\_down | -0.09 |
| Hard\_up | **0.82** |
| Hard\_down | -0.14 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.27 |
| Easy\_down | -0.27 |
| Med\_up | **0.83** |
| Med\_down | **-0.68** |
| Hard\_up | 0.2 |
| Hard\_down | -0.04 |

RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.65** |
| Easy\_down | **0.55** |
| Med\_up | 0.22 |
| Med\_down | -0.27 |
| Hard\_up | -0.05 |
| Hard\_down | 0.17 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and VarGC  
Canonical Variate 2 (R = -0.35, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.69** |
| Easy\_down | -0.33 |
| Med\_up | -0.24 |
| Med\_down | **-0.57** |
| Hard\_up | **-0.6** |
| Hard\_down | **-0.52** |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.38** |
| Easy\_down | 0.07 |
| Med\_up | -0.14 |
| Med\_down | **-0.57** |
| Hard\_up | **-0.32** |
| Hard\_down | **-0.61** |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.31** |
| Easy\_down | **-0.44** |
| Med\_up | 0.04 |
| Med\_down | 0.19 |
| Hard\_up | **0.4** |
| Hard\_down | -0.08 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between INIT\_DMN and VarGC  
Canonical Variate 4 (R = 0.4, P < 0.01)

INIT\_DMN CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.18 |
| Easy\_down | **0.73** |
| Med\_up | **0.48** |
| Med\_down | 0.07 |
| Hard\_up | **0.45** |
| Hard\_down | 0.17 |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.11 |
| Easy\_down | **0.47** |
| Med\_up | **0.61** |
| Med\_down | -0.33 |
| Hard\_up | **0.69** |
| Hard\_down | -0.26 |

RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.12 |
| Easy\_down | 0.06 |
| Med\_up | 0.03 |
| Med\_down | 0.25 |
| Hard\_up | **-0.47** |
| Hard\_down | **0.72** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and VarGC  
Canonical Variate 3 (R = -0.4, P < 0.01)

CE\_RESP CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.46** |
| Easy\_down | 0.22 |
| Med\_up | -0.12 |
| Med\_down | **-0.67** |
| Hard\_up | **-0.56** |
| Hard\_down | -0.15 |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.65** |
| Easy\_down | **-0.6** |
| Med\_up | -0.26 |
| Med\_down | 0.19 |
| Hard\_up | -0.15 |
| Hard\_down | 0.17 |

EXT CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.22 |
| Easy\_down | -0.07 |
| Med\_up | -0.32 |
| Med\_down | -0.25 |
| Hard\_up | **-0.71** |
| Hard\_down | **0.41** |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.5** |
| Easy\_down | **-0.72** |
| Med\_up | -0.03 |
| Med\_down | -0.09 |
| Hard\_up | 0.26 |
| Hard\_down | -0.31 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and VarGC  
Canonical Variate 2 (R = 0.38, P < 0.01)

CE\_RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.43** |
| Easy\_down | **-0.32** |
| Med\_up | 0.14 |
| Med\_down | **0.48** |
| Hard\_up | **0.53** |
| Hard\_down | 0.19 |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.39** |
| Easy\_down | **0.73** |
| Med\_up | 0.29 |
| Med\_down | 0.08 |
| Hard\_up | **0.45** |
| Hard\_down | -0.17 |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | 0.14 |
| Med\_up | 0.12 |
| Med\_down | **0.45** |
| Hard\_up | **0.55** |
| Hard\_down | **-0.29** |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.8** |
| Easy\_down | -0.32 |
| Med\_up | 0.16 |
| Med\_down | 0.26 |
| Hard\_up | 0.34 |
| Hard\_down | 0.31 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and VarGC  
Canonical Variate 4 (R = 0.37, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | **0.78** |
| Med\_up | **0.61** |
| Med\_down | 0.17 |
| Hard\_up | **0.59** |
| Hard\_down | 0.37 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.31** |
| Easy\_down | -0.03 |
| Med\_up | **-0.37** |
| Med\_down | **0.22** |
| Hard\_up | -0.14 |
| Hard\_down | **0.24** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.48** |
| Easy\_down | **-0.52** |
| Med\_up | **-0.71** |
| Med\_down | -0.11 |
| Hard\_up | **-0.8** |
| Hard\_down | -0.21 |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.07 |
| Easy\_down | 0.0 |
| Med\_up | **-0.65** |
| Med\_down | **0.78** |
| Hard\_up | -0.04 |
| Hard\_down | 0.11 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between INIT\_DMN and VarGC  
Canonical Variate 5 (R = -0.37, P < 0.01)

INIT\_DMN CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.02 |
| Easy\_down | **-0.78** |
| Med\_up | -0.37 |
| Med\_down | -0.33 |
| Hard\_up | **-0.62** |
| Hard\_down | 0.08 |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.24** |
| Easy\_down | **0.43** |
| Med\_up | **-0.44** |
| Med\_down | **0.4** |
| Hard\_up | **0.34** |
| Hard\_down | **-0.4** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.26 |
| Easy\_down | 0.15 |
| Med\_up | -0.08 |
| Med\_down | 0.12 |
| Hard\_up | **-0.42** |
| Hard\_down | **0.7** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | -0.11 |
| Med\_up | -0.04 |
| Med\_down | -0.1 |
| Hard\_up | **0.53** |
| Hard\_down | **-0.76** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between INIT\_DMN and VarGC  
Canonical Variate 6 (R = 0.41, P < 0.01)

INIT\_DMN CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.55** |
| Easy\_down | **0.53** |
| Med\_up | **0.73** |
| Med\_down | 0.07 |
| Hard\_up | **0.81** |
| Hard\_down | 0.14 |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.57** |
| Easy\_down | -0.38 |
| Med\_up | **0.81** |
| Med\_down | -0.3 |
| Hard\_up | 0.4 |
| Hard\_down | -0.0 |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.16 |
| Easy\_down | **0.47** |
| Med\_up | **0.39** |
| Med\_down | **0.43** |
| Hard\_up | 0.01 |
| Hard\_down | **0.66** |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.35** |
| Easy\_down | -0.08 |
| Med\_up | 0.17 |
| Med\_down | **-0.53** |
| Hard\_up | **0.36** |
| Hard\_down | **-0.52** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and VarGC  
Canonical Variate 2 (R = -0.35, P < 0.01)

CE\_RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.23 |
| Easy\_down | 0.16 |
| Med\_up | -0.01 |
| Med\_down | **-0.54** |
| Hard\_up | **-0.35** |
| Hard\_down | **-0.3** |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.24 |
| Easy\_down | -0.16 |
| Med\_up | 0.05 |
| Med\_down | **-0.82** |
| Hard\_up | **-0.43** |
| Hard\_down | 0.01 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | -0.02 |
| Med\_up | -0.13 |
| Med\_down | 0.24 |
| Hard\_up | **0.55** |
| Hard\_down | -0.14 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.76** |
| Easy\_down | 0.08 |
| Med\_up | **-0.42** |
| Med\_down | -0.32 |
| Hard\_up | **-0.56** |
| Hard\_down | **-0.41** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between INIT\_DMN and VarGC  
Canonical Variate 4 (R = 0.38, P < 0.01)

INIT\_DMN CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.05 |
| Easy\_down | **0.95** |
| Med\_up | 0.31 |
| Med\_down | 0.32 |
| Hard\_up | **0.55** |
| Hard\_down | 0.18 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.32 |
| Easy\_down | -0.01 |
| Med\_up | **0.7** |
| Med\_down | -0.09 |
| Hard\_up | 0.13 |
| Hard\_down | 0.31 |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.33 |
| Easy\_down | 0.08 |
| Med\_up | **0.76** |
| Med\_down | **-0.44** |
| Hard\_up | 0.35 |
| Hard\_down | 0.36 |

RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.37** |
| Easy\_down | 0.05 |
| Med\_up | -0.17 |
| Med\_down | **0.33** |
| Hard\_up | 0.02 |
| Hard\_down | 0.16 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and VarGC  
Canonical Variate 2 (R = -0.36, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.76** |
| Easy\_down | 0.08 |
| Med\_up | **-0.42** |
| Med\_down | -0.32 |
| Hard\_up | **-0.56** |
| Hard\_down | **-0.41** |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.23 |
| Easy\_down | 0.16 |
| Med\_up | -0.01 |
| Med\_down | **-0.54** |
| Hard\_up | **-0.35** |
| Hard\_down | **-0.3** |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.24 |
| Easy\_down | -0.16 |
| Med\_up | 0.05 |
| Med\_down | **-0.82** |
| Hard\_up | **-0.43** |
| Hard\_down | 0.01 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | -0.02 |
| Med\_up | -0.13 |
| Med\_down | 0.24 |
| Hard\_up | **0.55** |
| Hard\_down | -0.14 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between INIT\_DMN and VarGC  
Canonical Variate 3 (R = 0.38, P < 0.01)

INIT\_DMN CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.07 |
| Easy\_down | **0.56** |
| Med\_up | **0.65** |
| Med\_down | -0.22 |
| Hard\_up | 0.11 |
| Hard\_down | **0.34** |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.06 |
| Easy\_down | -0.13 |
| Med\_up | -0.06 |
| Med\_down | -0.09 |
| Hard\_up | 0.34 |
| Hard\_down | **-0.78** |

EXT CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.35 |
| Easy\_down | **0.83** |
| Med\_up | 0.23 |
| Med\_down | 0.2 |
| Hard\_up | **0.59** |
| Hard\_down | -0.14 |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | 0.25 |
| Med\_up | 0.23 |
| Med\_down | 0.15 |
| Hard\_up | -0.34 |
| Hard\_down | **0.88** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between INIT\_DMN and VarGC  
Canonical Variate 5 (R = -0.35, P < 0.01)

INIT\_DMN CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.39** |
| Easy\_down | **-0.56** |
| Med\_up | **-0.58** |
| Med\_down | -0.17 |
| Hard\_up | **-0.38** |
| Hard\_down | **-0.7** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.18** |
| Easy\_down | -0.15 |
| Med\_up | -0.02 |
| Med\_down | **-0.34** |
| Hard\_up | **-0.33** |
| Hard\_down | **0.18** |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.11 |
| Easy\_down | **0.4** |
| Med\_up | 0.28 |
| Med\_down | 0.04 |
| Hard\_up | -0.31 |
| Hard\_down | **0.74** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.41** |
| Easy\_down | **-0.43** |
| Med\_up | **-0.29** |
| Med\_down | 0.15 |
| Hard\_up | -0.09 |
| Hard\_down | -0.18 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and VarGC  
Canonical Variate 3 (R = -0.38, P < 0.01)

CE\_RESP CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.45** |
| Easy\_down | 0.11 |
| Med\_up | -0.11 |
| Med\_down | **-0.74** |
| Hard\_up | -0.32 |
| Hard\_down | **-0.4** |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.16 |
| Easy\_down | **-0.82** |
| Med\_up | **-0.64** |
| Med\_down | 0.18 |
| Hard\_up | **-0.47** |
| Hard\_down | -0.12 |

EXT CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.3** |
| Easy\_down | 0.01 |
| Med\_up | **-0.56** |
| Med\_down | 0.0 |
| Hard\_up | **-0.48** |
| Hard\_down | 0.17 |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.77** |
| Easy\_down | **-0.45** |
| Med\_up | **0.47** |
| Med\_down | -0.35 |
| Hard\_up | 0.33 |
| Hard\_down | -0.14 |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.57** |
| Easy\_down | **0.76** |
| Med\_up | 0.35 |
| Med\_down | **-0.4** |
| Hard\_up | -0.07 |
| Hard\_down | 0.04 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between INIT\_DMN and VarGC  
Canonical Variate 5 (R = 0.45, P < 0.01)

INIT\_DMN CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | **0.78** |
| Med\_up | **0.64** |
| Med\_down | 0.06 |
| Hard\_up | **0.64** |
| Hard\_down | 0.25 |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.03 |
| Easy\_down | -0.01 |
| Med\_up | **0.68** |
| Med\_down | **-0.45** |
| Hard\_up | -0.04 |
| Hard\_down | 0.08 |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | 0.02 |
| Med\_up | **0.24** |
| Med\_down | **-0.37** |
| Hard\_up | -0.04 |
| Hard\_down | **-0.3** |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.21 |
| Easy\_down | **0.61** |
| Med\_up | **0.53** |
| Med\_down | **-0.36** |
| Hard\_up | 0.27 |
| Hard\_down | **0.33** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.45** |
| Easy\_down | 0.14 |
| Med\_up | 0.04 |
| Med\_down | 0.12 |
| Hard\_up | -0.11 |
| Hard\_down | **0.33** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between INIT\_DMN and VarGC  
Canonical Variate 6 (R = -0.35, P < 0.01)

INIT\_DMN CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.51** |
| Easy\_down | **-0.59** |
| Med\_up | **-0.54** |
| Med\_down | -0.24 |
| Hard\_up | **-0.72** |
| Hard\_down | -0.32 |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.78** |
| Easy\_down | **0.56** |
| Med\_up | **-0.67** |
| Med\_down | 0.02 |
| Hard\_up | **-0.54** |
| Hard\_down | 0.0 |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.14 |
| Easy\_down | **-0.39** |
| Med\_up | -0.23 |
| Med\_down | **-0.33** |
| Hard\_up | 0.05 |
| Hard\_down | **-0.54** |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.16 |
| Easy\_down | **0.63** |
| Med\_up | 0.08 |
| Med\_down | 0.19 |
| Hard\_up | 0.06 |
| Hard\_down | 0.01 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | -0.14 |
| Med\_up | -0.15 |
| Med\_down | 0.28 |
| Hard\_up | **-0.59** |
| Hard\_down | **0.58** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and VarGC  
Canonical Variate 2 (R = 0.42, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.56** |
| Easy\_down | **0.47** |
| Med\_up | **0.55** |
| Med\_down | **0.36** |
| Hard\_up | **0.72** |
| Hard\_down | **0.45** |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.09 |
| Easy\_down | -0.13 |
| Med\_up | -0.13 |
| Med\_down | **0.52** |
| Hard\_up | **0.27** |
| Hard\_down | 0.22 |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.78** |
| Easy\_down | -0.2 |
| Med\_up | **-0.64** |
| Med\_down | -0.15 |
| Hard\_up | **-0.76** |
| Hard\_down | -0.24 |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.18 |
| Easy\_down | 0.12 |
| Med\_up | -0.41 |
| Med\_down | **0.95** |
| Hard\_up | 0.36 |
| Hard\_down | -0.11 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | 0.06 |
| Med\_up | **0.3** |
| Med\_down | **-0.4** |
| Hard\_up | **-0.44** |
| Hard\_down | 0.2 |

### Significant Correlation with WAIS\_FSIQ\_t1

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and WAIS\_FSIQ\_t1  
Canonical Variate 2 (R = 0.35, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.63** |
| Easy\_down | **-0.57** |
| Med\_up | 0.14 |
| Med\_down | -0.2 |
| Hard\_up | -0.26 |
| Hard\_down | 0.31 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.03 |
| Easy\_down | 0.1 |
| Med\_up | -0.22 |
| Med\_down | 0.13 |
| Hard\_up | **-0.61** |
| Hard\_down | **0.54** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and WAIS\_FSIQ\_t1  
Canonical Variate 2 (R = -0.4, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.69** |
| Easy\_down | 0.28 |
| Med\_up | 0.08 |
| Med\_down | **-0.42** |
| Hard\_up | 0.06 |
| Hard\_down | **-0.42** |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.07 |
| Easy\_down | **0.61** |
| Med\_up | 0.08 |
| Med\_down | **0.36** |
| Hard\_up | **0.68** |
| Hard\_down | -0.33 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and WAIS\_FSIQ\_t1  
Canonical Variate 1 (R = -0.41, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.83** |
| Easy\_down | -0.09 |
| Med\_up | **-0.6** |
| Med\_down | -0.17 |
| Hard\_up | **-0.61** |
| Hard\_down | -0.19 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.33 |
| Easy\_down | **-0.42** |
| Med\_up | -0.35 |
| Med\_down | -0.13 |
| Hard\_up | -0.06 |
| Hard\_down | **-0.74** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.47** |
| Easy\_down | **0.39** |
| Med\_up | **-0.69** |
| Med\_down | **0.57** |
| Hard\_up | -0.06 |
| Hard\_down | -0.13 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and WAIS\_FSIQ\_t1  
Canonical Variate 1 (R = 0.4, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.77** |
| Easy\_down | 0.01 |
| Med\_up | **0.54** |
| Med\_down | 0.04 |
| Hard\_up | **0.7** |
| Hard\_down | -0.09 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | -0.22 |
| Med\_up | **0.63** |
| Med\_down | **-0.84** |
| Hard\_up | -0.19 |
| Hard\_down | 0.0 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.29** |
| Easy\_down | **0.58** |
| Med\_up | -0.27 |
| Med\_down | -0.03 |
| Hard\_up | 0.14 |
| Hard\_down | -0.17 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and WAIS\_FSIQ\_t1  
Canonical Variate 1 (R = 0.37, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.77** |
| Easy\_down | 0.11 |
| Med\_up | **0.52** |
| Med\_down | 0.24 |
| Hard\_up | **0.82** |
| Hard\_down | -0.08 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.03 |
| Easy\_down | -0.29 |
| Med\_up | **0.62** |
| Med\_down | **-0.83** |
| Hard\_up | -0.08 |
| Hard\_down | -0.16 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | 0.39 |
| Med\_up | **-0.64** |
| Med\_down | **0.86** |
| Hard\_up | 0.03 |
| Hard\_down | 0.27 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and WAIS\_FSIQ\_t1  
Canonical Variate 1 (R = -0.42, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.7** |
| Easy\_down | -0.0 |
| Med\_up | -0.31 |
| Med\_down | -0.19 |
| Hard\_up | **-0.66** |
| Hard\_down | 0.14 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.27** |
| Easy\_down | **-0.46** |
| Med\_up | **0.25** |
| Med\_down | 0.18 |
| Hard\_up | 0.03 |
| Hard\_down | 0.07 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **-0.55** |
| Med\_up | **0.56** |
| Med\_down | **-0.75** |
| Hard\_up | -0.04 |
| Hard\_down | -0.26 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and WAIS\_FSIQ\_t1  
Canonical Variate 1 (R = 0.42, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.81** |
| Easy\_down | 0.02 |
| Med\_up | **0.57** |
| Med\_down | 0.08 |
| Hard\_up | **0.63** |
| Hard\_down | 0.04 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.4** |
| Easy\_down | **0.39** |
| Med\_up | 0.35 |
| Med\_down | 0.2 |
| Hard\_up | 0.13 |
| Hard\_down | **0.73** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.23 |
| Easy\_down | -0.31 |
| Med\_up | **0.7** |
| Med\_down | **-0.72** |
| Hard\_up | -0.05 |
| Hard\_down | 0.08 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.35** |
| Easy\_down | **0.5** |
| Med\_up | **-0.37** |
| Med\_down | -0.02 |
| Hard\_up | 0.13 |
| Hard\_down | -0.23 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and WAIS\_FSIQ\_t1  
Canonical Variate 1 (R = 0.37, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.79** |
| Easy\_down | 0.08 |
| Med\_up | **0.48** |
| Med\_down | 0.28 |
| Hard\_up | **0.77** |
| Hard\_down | -0.07 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.38** |
| Easy\_down | **0.33** |
| Med\_up | 0.17 |
| Med\_down | 0.26 |
| Hard\_up | 0.16 |
| Hard\_down | **0.64** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | **-0.4** |
| Med\_up | **0.65** |
| Med\_down | **-0.69** |
| Hard\_up | 0.08 |
| Hard\_down | -0.14 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.26 |
| Easy\_down | **0.43** |
| Med\_up | **-0.6** |
| Med\_down | **0.74** |
| Hard\_up | -0.07 |
| Hard\_down | 0.32 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and WAIS\_FSIQ\_t1  
Canonical Variate 1 (R = -0.39, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.78** |
| Easy\_down | 0.02 |
| Med\_up | -0.33 |
| Med\_down | -0.3 |
| Hard\_up | **-0.67** |
| Hard\_down | 0.13 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.42** |
| Easy\_down | -0.26 |
| Med\_up | -0.07 |
| Med\_down | **-0.38** |
| Hard\_up | -0.15 |
| Hard\_down | **-0.67** |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.44** |
| Easy\_down | **-0.37** |
| Med\_up | **0.45** |
| Med\_down | 0.15 |
| Hard\_up | 0.14 |
| Hard\_down | 0.17 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.3 |
| Easy\_down | **-0.45** |
| Med\_up | **0.56** |
| Med\_down | **-0.73** |
| Hard\_up | 0.01 |
| Hard\_down | -0.3 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and WAIS\_FSIQ\_t1  
Canonical Variate 1 (R = 0.41, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.76** |
| Easy\_down | 0.03 |
| Med\_up | **0.42** |
| Med\_down | 0.19 |
| Hard\_up | **0.71** |
| Hard\_down | -0.09 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | -0.34 |
| Med\_up | **0.51** |
| Med\_down | **-0.83** |
| Hard\_up | -0.25 |
| Hard\_down | -0.11 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.25 |
| Easy\_down | **0.51** |
| Med\_up | -0.23 |
| Med\_down | -0.12 |
| Hard\_up | 0.07 |
| Hard\_down | -0.11 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.09 |
| Easy\_down | **0.51** |
| Med\_up | **-0.59** |
| Med\_down | **0.77** |
| Hard\_up | 0.08 |
| Hard\_down | 0.2 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and WAIS\_FSIQ\_t1  
Canonical Variate 1 (R = 0.41, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.79** |
| Easy\_down | 0.03 |
| Med\_up | **0.46** |
| Med\_down | 0.19 |
| Hard\_up | **0.7** |
| Hard\_down | -0.07 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.4** |
| Easy\_down | **0.34** |
| Med\_up | 0.22 |
| Med\_down | 0.25 |
| Hard\_up | 0.15 |
| Hard\_down | **0.66** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.09 |
| Easy\_down | -0.36 |
| Med\_up | **0.63** |
| Med\_down | **-0.75** |
| Hard\_up | -0.08 |
| Hard\_down | -0.08 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.34** |
| Easy\_down | **0.46** |
| Med\_up | **-0.34** |
| Med\_down | -0.1 |
| Hard\_up | 0.06 |
| Hard\_down | -0.18 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.15 |
| Easy\_down | **0.45** |
| Med\_up | **-0.64** |
| Med\_down | **0.73** |
| Hard\_up | -0.02 |
| Hard\_down | 0.22 |

### Significant Correlation with WAIS\_VCI\_t1

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between DMN\_AAR and WAIS\_VCI\_t1  
Canonical Variate 5 (R = 0.34, P < 0.01)

DMN\_AAR CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.56** |
| Easy\_down | 0.07 |
| Med\_up | -0.2 |
| Med\_down | **-0.56** |
| Hard\_up | -0.26 |
| Hard\_down | -0.19 |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.23 |
| Easy\_down | 0.06 |
| Med\_up | -0.16 |
| Med\_down | -0.26 |
| Hard\_up | -0.05 |
| Hard\_down | **-0.55** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between DMN\_AAR and WAIS\_VCI\_t1  
Canonical Variate 4 (R = -0.38, P < 0.01)

DMN\_AAR CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.5** |
| Easy\_down | -0.12 |
| Med\_up | 0.12 |
| Med\_down | **0.33** |
| Hard\_up | **0.27** |
| Hard\_down | -0.22 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.67** |
| Easy\_down | 0.3 |
| Med\_up | **0.44** |
| Med\_down | **0.45** |
| Hard\_up | **0.49** |
| Hard\_down | **0.58** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and WAIS\_VCI\_t1  
Canonical Variate 6 (R = -0.36, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.4** |
| Easy\_down | 0.01 |
| Med\_up | 0.13 |
| Med\_down | **0.4** |
| Hard\_up | -0.21 |
| Hard\_down | **0.44** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.41** |
| Easy\_down | -0.29 |
| Med\_up | **0.73** |
| Med\_down | **-0.44** |
| Hard\_up | 0.0 |
| Hard\_down | 0.27 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.5** |
| Easy\_down | 0.2 |
| Med\_up | 0.19 |
| Med\_down | **-0.4** |
| Hard\_up | 0.24 |
| Hard\_down | -0.21 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and WAIS\_VCI\_t1  
Canonical Variate 1 (R = 0.34, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.77** |
| Easy\_down | 0.01 |
| Med\_up | **0.54** |
| Med\_down | 0.04 |
| Hard\_up | **0.7** |
| Hard\_down | -0.09 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | -0.22 |
| Med\_up | **0.63** |
| Med\_down | **-0.84** |
| Hard\_up | -0.19 |
| Hard\_down | 0.0 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.29** |
| Easy\_down | **0.58** |
| Med\_up | -0.27 |
| Med\_down | -0.03 |
| Hard\_up | 0.14 |
| Hard\_down | -0.17 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and WAIS\_VCI\_t1  
Canonical Variate 6 (R = -0.37, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.29** |
| Easy\_down | **0.45** |
| Med\_up | **0.33** |
| Med\_down | **0.35** |
| Hard\_up | 0.0 |
| Hard\_down | **0.41** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.27 |
| Easy\_down | -0.08 |
| Med\_up | **0.61** |
| Med\_down | **-0.57** |
| Hard\_up | **0.45** |
| Hard\_down | 0.06 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.23** |
| Easy\_down | **-0.22** |
| Med\_up | 0.0 |
| Med\_down | **-0.3** |
| Hard\_up | **0.16** |
| Hard\_down | **-0.15** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and WAIS\_VCI\_t1  
Canonical Variate 1 (R = 0.34, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.81** |
| Easy\_down | 0.02 |
| Med\_up | **0.57** |
| Med\_down | 0.08 |
| Hard\_up | **0.63** |
| Hard\_down | 0.04 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.4** |
| Easy\_down | **0.39** |
| Med\_up | 0.35 |
| Med\_down | 0.2 |
| Hard\_up | 0.13 |
| Hard\_down | **0.73** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.23 |
| Easy\_down | -0.31 |
| Med\_up | **0.7** |
| Med\_down | **-0.72** |
| Hard\_up | -0.05 |
| Hard\_down | 0.08 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.35** |
| Easy\_down | **0.5** |
| Med\_up | **-0.37** |
| Med\_down | -0.02 |
| Hard\_up | 0.13 |
| Hard\_down | -0.23 |

### Significant Correlation with WAIS\_PRI\_t1

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and WAIS\_PRI\_t1  
Canonical Variate 4 (R = 0.41, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | **0.69** |
| Med\_up | 0.32 |
| Med\_down | -0.17 |
| Hard\_up | **0.35** |
| Hard\_down | 0.1 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **0.43** |
| Med\_up | **0.56** |
| Med\_down | **-0.64** |
| Hard\_up | 0.07 |
| Hard\_down | 0.17 |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and WAIS\_PRI\_t1  
Canonical Variate 2 (R = 0.38, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | 0.21 |
| Med\_up | 0.22 |
| Med\_down | **-0.48** |
| Hard\_up | 0.02 |
| Hard\_down | 0.14 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.72** |
| Easy\_down | **0.62** |
| Med\_up | -0.19 |
| Med\_down | -0.03 |
| Hard\_up | **-0.37** |
| Hard\_down | 0.07 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and WAIS\_PRI\_t1  
Canonical Variate 1 (R = -0.41, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.83** |
| Easy\_down | -0.09 |
| Med\_up | **-0.6** |
| Med\_down | -0.17 |
| Hard\_up | **-0.61** |
| Hard\_down | -0.19 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.33 |
| Easy\_down | **-0.42** |
| Med\_up | -0.35 |
| Med\_down | -0.13 |
| Hard\_up | -0.06 |
| Hard\_down | **-0.74** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.47** |
| Easy\_down | **0.39** |
| Med\_up | **-0.69** |
| Med\_down | **0.57** |
| Hard\_up | -0.06 |
| Hard\_down | -0.13 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and WAIS\_PRI\_t1  
Canonical Variate 1 (R = 0.38, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.77** |
| Easy\_down | 0.01 |
| Med\_up | **0.54** |
| Med\_down | 0.04 |
| Hard\_up | **0.7** |
| Hard\_down | -0.09 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | -0.22 |
| Med\_up | **0.63** |
| Med\_down | **-0.84** |
| Hard\_up | -0.19 |
| Hard\_down | 0.0 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.29** |
| Easy\_down | **0.58** |
| Med\_up | -0.27 |
| Med\_down | -0.03 |
| Hard\_up | 0.14 |
| Hard\_down | -0.17 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and WAIS\_PRI\_t1  
Canonical Variate 1 (R = -0.37, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.7** |
| Easy\_down | -0.0 |
| Med\_up | -0.31 |
| Med\_down | -0.19 |
| Hard\_up | **-0.66** |
| Hard\_down | 0.14 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.27** |
| Easy\_down | **-0.46** |
| Med\_up | **0.25** |
| Med\_down | 0.18 |
| Hard\_up | 0.03 |
| Hard\_down | 0.07 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **-0.55** |
| Med\_up | **0.56** |
| Med\_down | **-0.75** |
| Hard\_up | -0.04 |
| Hard\_down | -0.26 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and WAIS\_PRI\_t1  
Canonical Variate 1 (R = 0.4, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.81** |
| Easy\_down | 0.02 |
| Med\_up | **0.57** |
| Med\_down | 0.08 |
| Hard\_up | **0.63** |
| Hard\_down | 0.04 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.4** |
| Easy\_down | **0.39** |
| Med\_up | 0.35 |
| Med\_down | 0.2 |
| Hard\_up | 0.13 |
| Hard\_down | **0.73** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.23 |
| Easy\_down | -0.31 |
| Med\_up | **0.7** |
| Med\_down | **-0.72** |
| Hard\_up | -0.05 |
| Hard\_down | 0.08 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.35** |
| Easy\_down | **0.5** |
| Med\_up | **-0.37** |
| Med\_down | -0.02 |
| Hard\_up | 0.13 |
| Hard\_down | -0.23 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and WAIS\_PRI\_t1  
Canonical Variate 1 (R = 0.37, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.76** |
| Easy\_down | 0.03 |
| Med\_up | **0.42** |
| Med\_down | 0.19 |
| Hard\_up | **0.71** |
| Hard\_down | -0.09 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | -0.34 |
| Med\_up | **0.51** |
| Med\_down | **-0.83** |
| Hard\_up | -0.25 |
| Hard\_down | -0.11 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.25 |
| Easy\_down | **0.51** |
| Med\_up | -0.23 |
| Med\_down | -0.12 |
| Hard\_up | 0.07 |
| Hard\_down | -0.11 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.09 |
| Easy\_down | **0.51** |
| Med\_up | **-0.59** |
| Med\_down | **0.77** |
| Hard\_up | 0.08 |
| Hard\_down | 0.2 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and WAIS\_PRI\_t1  
Canonical Variate 1 (R = 0.37, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.79** |
| Easy\_down | 0.03 |
| Med\_up | **0.46** |
| Med\_down | 0.19 |
| Hard\_up | **0.7** |
| Hard\_down | -0.07 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.4** |
| Easy\_down | **0.34** |
| Med\_up | 0.22 |
| Med\_down | 0.25 |
| Hard\_up | 0.15 |
| Hard\_down | **0.66** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.09 |
| Easy\_down | -0.36 |
| Med\_up | **0.63** |
| Med\_down | **-0.75** |
| Hard\_up | -0.08 |
| Hard\_down | -0.08 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.34** |
| Easy\_down | **0.46** |
| Med\_up | **-0.34** |
| Med\_down | -0.1 |
| Hard\_up | 0.06 |
| Hard\_down | -0.18 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.15 |
| Easy\_down | **0.45** |
| Med\_up | **-0.64** |
| Med\_down | **0.73** |
| Hard\_up | -0.02 |
| Hard\_down | 0.22 |

### Significant Correlation with WAIS\_PSI\_t1

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and WAIS\_PSI\_t1  
Canonical Variate 2 (R = -0.37, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.69** |
| Easy\_down | 0.28 |
| Med\_up | 0.08 |
| Med\_down | **-0.42** |
| Hard\_up | 0.06 |
| Hard\_down | **-0.42** |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.07 |
| Easy\_down | **0.61** |
| Med\_up | 0.08 |
| Med\_down | **0.36** |
| Hard\_up | **0.68** |
| Hard\_down | -0.33 |

### Significant Correlation with pre\_2back\_AVGcorrect

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 1 (R = 0.38, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.7** |
| Easy\_down | -0.08 |
| Med\_up | -0.28 |
| Med\_down | **-0.64** |
| Hard\_up | **-0.76** |
| Hard\_down | 0.14 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.44** |
| Easy\_down | -0.15 |
| Med\_up | -0.03 |
| Med\_down | **-0.68** |
| Hard\_up | **-0.36** |
| Hard\_down | **-0.66** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 6 (R = 0.43, P < 0.01)

EXT CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.19 |
| Easy\_down | 0.08 |
| Med\_up | 0.16 |
| Med\_down | **-0.65** |
| Hard\_up | -0.03 |
| Hard\_down | 0.03 |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.28 |
| Easy\_down | **0.74** |
| Med\_up | 0.3 |
| Med\_down | -0.0 |
| Hard\_up | **-0.4** |
| Hard\_down | **0.69** |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 4 (R = 0.48, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.22 |
| Easy\_down | -0.34 |
| Med\_up | **-0.43** |
| Med\_down | -0.31 |
| Hard\_up | **-0.81** |
| Hard\_down | 0.34 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.61** |
| Easy\_down | **-0.64** |
| Med\_up | -0.09 |
| Med\_down | 0.1 |
| Hard\_up | 0.27 |
| Hard\_down | -0.3 |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 2 (R = 0.43, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | 0.21 |
| Med\_up | 0.22 |
| Med\_down | **-0.48** |
| Hard\_up | 0.02 |
| Hard\_down | 0.14 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.72** |
| Easy\_down | **0.62** |
| Med\_up | -0.19 |
| Med\_down | -0.03 |
| Hard\_up | **-0.37** |
| Hard\_down | 0.07 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 2 (R = 0.41, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.06 |
| Easy\_down | -0.28 |
| Med\_up | -0.33 |
| Med\_down | -0.19 |
| Hard\_up | **-0.78** |
| Hard\_down | **0.44** |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.51** |
| Easy\_down | 0.18 |
| Med\_up | -0.34 |
| Med\_down | -0.36 |
| Hard\_up | **-0.82** |
| Hard\_down | 0.01 |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.28** |
| Easy\_down | **-0.37** |
| Med\_up | **-0.42** |
| Med\_down | 0.13 |
| Hard\_up | **-0.51** |
| Hard\_down | **0.31** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 2 (R = 0.39, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.23 |
| Easy\_down | -0.31 |
| Med\_up | 0.37 |
| Med\_down | **-0.76** |
| Hard\_up | -0.17 |
| Hard\_down | 0.14 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | 0.19 |
| Med\_up | **0.25** |
| Med\_down | **-0.4** |
| Hard\_up | **-0.35** |
| Hard\_down | **0.23** |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.01 |
| Easy\_down | **0.34** |
| Med\_up | **-0.29** |
| Med\_down | **0.42** |
| Hard\_up | **0.52** |
| Hard\_down | -0.08 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 2 (R = 0.38, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | -0.19 |
| Med\_up | 0.07 |
| Med\_down | **-0.47** |
| Hard\_up | -0.07 |
| Hard\_down | -0.16 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | **0.28** |
| Med\_up | **-0.22** |
| Med\_down | **-0.17** |
| Hard\_up | **-0.32** |
| Hard\_down | -0.04 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.42** |
| Easy\_down | **0.29** |
| Med\_up | **-0.55** |
| Med\_down | 0.08 |
| Hard\_up | **-0.52** |
| Hard\_down | -0.14 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 4 (R = -0.38, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | **0.54** |
| Med\_up | 0.15 |
| Med\_down | **0.51** |
| Hard\_up | 0.24 |
| Hard\_down | 0.09 |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.3 |
| Easy\_down | 0.04 |
| Med\_up | -0.07 |
| Med\_down | **-0.45** |
| Hard\_up | 0.16 |
| Hard\_down | **-0.69** |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.66** |
| Easy\_down | -0.05 |
| Med\_up | **-0.46** |
| Med\_down | -0.12 |
| Hard\_up | **-0.81** |
| Hard\_down | 0.0 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 2 (R = -0.35, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.06 |
| Easy\_down | 0.21 |
| Med\_up | **0.56** |
| Med\_down | **-0.3** |
| Hard\_up | **0.42** |
| Hard\_down | **-0.33** |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.24 |
| Easy\_down | **0.6** |
| Med\_up | **0.64** |
| Med\_down | 0.02 |
| Hard\_up | **0.83** |
| Hard\_down | -0.06 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.29 |
| Easy\_down | **-0.79** |
| Med\_up | **-0.44** |
| Med\_down | 0.06 |
| Hard\_up | **-0.4** |
| Hard\_down | -0.02 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 5 (R = -0.36, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.03 |
| Easy\_down | -0.04 |
| Med\_up | **-0.41** |
| Med\_down | **0.8** |
| Hard\_up | 0.28 |
| Hard\_down | -0.21 |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.75** |
| Easy\_down | **0.55** |
| Med\_up | -0.16 |
| Med\_down | -0.02 |
| Hard\_up | **-0.43** |
| Hard\_down | 0.02 |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.79** |
| Easy\_down | -0.03 |
| Med\_up | 0.34 |
| Med\_down | 0.39 |
| Hard\_up | **0.76** |
| Hard\_down | 0.21 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 3 (R = -0.42, P < 0.01)

EXT CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.24 |
| Easy\_down | 0.18 |
| Med\_up | -0.21 |
| Med\_down | **0.93** |
| Hard\_up | 0.37 |
| Hard\_down | -0.02 |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.27 |
| Easy\_down | -0.14 |
| Med\_up | 0.06 |
| Med\_down | **-0.4** |
| Hard\_up | **-0.73** |
| Hard\_down | 0.22 |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.86** |
| Easy\_down | -0.07 |
| Med\_up | 0.28 |
| Med\_down | **0.47** |
| Hard\_up | **0.55** |
| Hard\_down | 0.42 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 3 (R = 0.46, P < 0.01)

EXT CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.22 |
| Easy\_down | -0.07 |
| Med\_up | -0.32 |
| Med\_down | -0.25 |
| Hard\_up | **-0.71** |
| Hard\_down | **0.41** |

CE\_RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.46** |
| Easy\_down | 0.22 |
| Med\_up | -0.12 |
| Med\_down | **-0.67** |
| Hard\_up | **-0.56** |
| Hard\_down | -0.15 |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.65** |
| Easy\_down | **-0.6** |
| Med\_up | -0.26 |
| Med\_down | 0.19 |
| Hard\_up | -0.15 |
| Hard\_down | 0.17 |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.5** |
| Easy\_down | **-0.72** |
| Med\_up | -0.03 |
| Med\_down | -0.09 |
| Hard\_up | 0.26 |
| Hard\_down | -0.31 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 2 (R = -0.49, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | 0.14 |
| Med\_up | 0.12 |
| Med\_down | **0.45** |
| Hard\_up | **0.55** |
| Hard\_down | **-0.29** |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.43** |
| Easy\_down | **-0.32** |
| Med\_up | 0.14 |
| Med\_down | **0.48** |
| Hard\_up | **0.53** |
| Hard\_down | 0.19 |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.39** |
| Easy\_down | **0.73** |
| Med\_up | 0.29 |
| Med\_down | 0.08 |
| Hard\_up | **0.45** |
| Hard\_down | -0.17 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.8** |
| Easy\_down | -0.32 |
| Med\_up | 0.16 |
| Med\_down | 0.26 |
| Hard\_up | 0.34 |
| Hard\_down | 0.31 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 2 (R = 0.48, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.24 |
| Easy\_down | -0.16 |
| Med\_up | 0.05 |
| Med\_down | **-0.82** |
| Hard\_up | **-0.43** |
| Hard\_down | 0.01 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.23 |
| Easy\_down | 0.16 |
| Med\_up | -0.01 |
| Med\_down | **-0.54** |
| Hard\_up | **-0.35** |
| Hard\_down | **-0.3** |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | -0.02 |
| Med\_up | -0.13 |
| Med\_down | 0.24 |
| Hard\_up | **0.55** |
| Hard\_down | -0.14 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.76** |
| Easy\_down | 0.08 |
| Med\_up | **-0.42** |
| Med\_down | -0.32 |
| Hard\_up | **-0.56** |
| Hard\_down | **-0.41** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 4 (R = 0.39, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.28 |
| Easy\_down | 0.12 |
| Med\_up | 0.37 |
| Med\_down | **-0.9** |
| Hard\_up | -0.27 |
| Hard\_down | 0.21 |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.85** |
| Easy\_down | **-0.6** |
| Med\_up | 0.13 |
| Med\_down | 0.22 |
| Hard\_up | **0.58** |
| Hard\_down | -0.31 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.46** |
| Easy\_down | 0.01 |
| Med\_up | 0.16 |
| Med\_down | 0.28 |
| Hard\_up | **0.87** |
| Hard\_down | -0.42 |

RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.83** |
| Easy\_down | 0.23 |
| Med\_up | -0.14 |
| Med\_down | **-0.51** |
| Hard\_up | **-0.79** |
| Hard\_down | 0.05 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and pre\_2back\_AVGcorrect  
Canonical Variate 3 (R = 0.44, P < 0.01)

EXT CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.3** |
| Easy\_down | 0.01 |
| Med\_up | **-0.56** |
| Med\_down | 0.0 |
| Hard\_up | **-0.48** |
| Hard\_down | 0.17 |

CE\_RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.45** |
| Easy\_down | 0.11 |
| Med\_up | -0.11 |
| Med\_down | **-0.74** |
| Hard\_up | -0.32 |
| Hard\_down | **-0.4** |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.16 |
| Easy\_down | **-0.82** |
| Med\_up | **-0.64** |
| Med\_down | 0.18 |
| Hard\_up | **-0.47** |
| Hard\_down | -0.12 |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.77** |
| Easy\_down | **-0.45** |
| Med\_up | **0.47** |
| Med\_down | -0.35 |
| Hard\_up | 0.33 |
| Hard\_down | -0.14 |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.57** |
| Easy\_down | **0.76** |
| Med\_up | 0.35 |
| Med\_down | **-0.4** |
| Hard\_up | -0.07 |
| Hard\_down | 0.04 |

### Significant Correlation with pre\_3back\_AVGcorrect

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and pre\_3back\_AVGcorrect  
Canonical Variate 5 (R = -0.37, P < 0.01)

DMN\_AAR CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.4** |
| Easy\_down | **0.56** |
| Med\_up | 0.03 |
| Med\_down | 0.23 |
| Hard\_up | -0.13 |
| Hard\_down | 0.04 |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.47** |
| Easy\_down | 0.02 |
| Med\_up | **0.29** |
| Med\_down | 0.07 |
| Hard\_up | **0.54** |
| Hard\_down | 0.21 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and pre\_3back\_AVGcorrect  
Canonical Variate 6 (R = -0.38, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.29** |
| Easy\_down | **0.45** |
| Med\_up | **0.33** |
| Med\_down | **0.35** |
| Hard\_up | 0.0 |
| Hard\_down | **0.41** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.27 |
| Easy\_down | -0.08 |
| Med\_up | **0.61** |
| Med\_down | **-0.57** |
| Hard\_up | **0.45** |
| Hard\_down | 0.06 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.23** |
| Easy\_down | **-0.22** |
| Med\_up | 0.0 |
| Med\_down | **-0.3** |
| Hard\_up | **0.16** |
| Hard\_down | **-0.15** |

### Significant Correlation with pre\_LexDecHard\_AvgRT

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and pre\_LexDecHard\_AvgRT  
Canonical Variate 5 (R = 0.34, P < 0.01)

CE\_RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.15 |
| Easy\_down | 0.25 |
| Med\_up | **0.59** |
| Med\_down | -0.15 |
| Hard\_up | **0.83** |
| Hard\_down | **-0.42** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.2 |
| Easy\_down | -0.01 |
| Med\_up | **0.72** |
| Med\_down | **-0.83** |
| Hard\_up | 0.08 |
| Hard\_down | 0.15 |

### Significant Correlation with VC\_t1

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and VC\_t1  
Canonical Variate 3 (R = -0.38, P < 0.01)

CE\_RESP CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.01 |
| Easy\_down | **-0.58** |
| Med\_up | 0.15 |
| Med\_down | **-0.62** |
| Hard\_up | 0.15 |
| Hard\_down | **-0.61** |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.44 |
| Easy\_down | 0.06 |
| Med\_up | **0.56** |
| Med\_down | **-0.95** |
| Hard\_up | -0.23 |
| Hard\_down | -0.07 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and VC\_t1  
Canonical Variate 2 (R = 0.35, P < 0.01)

CE\_RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | **0.63** |
| Med\_up | 0.04 |
| Med\_down | **0.33** |
| Hard\_up | -0.26 |
| Hard\_down | **0.54** |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.15 |
| Easy\_down | -0.03 |
| Med\_up | **0.52** |
| Med\_down | **-0.82** |
| Hard\_up | **-0.46** |
| Hard\_down | 0.3 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.1 |
| Easy\_down | 0.0 |
| Med\_up | **-0.64** |
| Med\_down | **0.8** |
| Hard\_up | 0.33 |
| Hard\_down | -0.25 |

### Significant Correlation with SI\_t1

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between DMN\_AAR and SI\_t1  
Canonical Variate 4 (R = -0.35, P < 0.01)

DMN\_AAR CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.5** |
| Easy\_down | -0.12 |
| Med\_up | 0.12 |
| Med\_down | **0.33** |
| Hard\_up | **0.27** |
| Hard\_down | -0.22 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.67** |
| Easy\_down | 0.3 |
| Med\_up | **0.44** |
| Med\_down | **0.45** |
| Hard\_up | **0.49** |
| Hard\_down | **0.58** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and SI\_t1  
Canonical Variate 5 (R = -0.35, P < 0.01)

DMN\_AAR CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.4** |
| Easy\_down | **0.56** |
| Med\_up | 0.03 |
| Med\_down | 0.23 |
| Hard\_up | -0.13 |
| Hard\_down | 0.04 |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.47** |
| Easy\_down | 0.02 |
| Med\_up | **0.29** |
| Med\_down | 0.07 |
| Hard\_up | **0.54** |
| Hard\_down | 0.21 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and SI\_t1  
Canonical Variate 6 (R = -0.38, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.4** |
| Easy\_down | 0.01 |
| Med\_up | 0.13 |
| Med\_down | **0.4** |
| Hard\_up | -0.21 |
| Hard\_down | **0.44** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.41** |
| Easy\_down | -0.29 |
| Med\_up | **0.73** |
| Med\_down | **-0.44** |
| Hard\_up | 0.0 |
| Hard\_down | 0.27 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.5** |
| Easy\_down | 0.2 |
| Med\_up | 0.19 |
| Med\_down | **-0.4** |
| Hard\_up | 0.24 |
| Hard\_down | -0.21 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and SI\_t1  
Canonical Variate 6 (R = -0.42, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.29** |
| Easy\_down | **0.45** |
| Med\_up | **0.33** |
| Med\_down | **0.35** |
| Hard\_up | 0.0 |
| Hard\_down | **0.41** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.27 |
| Easy\_down | -0.08 |
| Med\_up | **0.61** |
| Med\_down | **-0.57** |
| Hard\_up | **0.45** |
| Hard\_down | 0.06 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.23** |
| Easy\_down | **-0.22** |
| Med\_up | 0.0 |
| Med\_down | **-0.3** |
| Hard\_up | **0.16** |
| Hard\_down | **-0.15** |

### Significant Correlation with BD\_t1

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and BD\_t1  
Canonical Variate 4 (R = 0.38, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | **0.69** |
| Med\_up | 0.32 |
| Med\_down | -0.17 |
| Hard\_up | **0.35** |
| Hard\_down | 0.1 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **0.43** |
| Med\_up | **0.56** |
| Med\_down | **-0.64** |
| Hard\_up | 0.07 |
| Hard\_down | 0.17 |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and BD\_t1  
Canonical Variate 2 (R = 0.35, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | 0.21 |
| Med\_up | 0.22 |
| Med\_down | **-0.48** |
| Hard\_up | 0.02 |
| Hard\_down | 0.14 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.72** |
| Easy\_down | **0.62** |
| Med\_up | -0.19 |
| Med\_down | -0.03 |
| Hard\_up | **-0.37** |
| Hard\_down | 0.07 |

### Significant Correlation with BDntb\_t1

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and BDntb\_t1  
Canonical Variate 4 (R = 0.44, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | **0.69** |
| Med\_up | 0.32 |
| Med\_down | -0.17 |
| Hard\_up | **0.35** |
| Hard\_down | 0.1 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **0.43** |
| Med\_up | **0.56** |
| Med\_down | **-0.64** |
| Hard\_up | 0.07 |
| Hard\_down | 0.17 |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and BDntb\_t1  
Canonical Variate 2 (R = 0.43, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | 0.21 |
| Med\_up | 0.22 |
| Med\_down | **-0.48** |
| Hard\_up | 0.02 |
| Hard\_down | 0.14 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.72** |
| Easy\_down | **0.62** |
| Med\_up | -0.19 |
| Med\_down | -0.03 |
| Hard\_up | **-0.37** |
| Hard\_down | 0.07 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and BDntb\_t1  
Canonical Variate 5 (R = -0.35, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.35 |
| Easy\_down | **-0.84** |
| Med\_up | -0.33 |
| Med\_down | 0.22 |
| Hard\_up | 0.01 |
| Hard\_down | **-0.44** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.63** |
| Easy\_down | 0.06 |
| Med\_up | **-0.33** |
| Med\_down | 0.1 |
| Hard\_up | -0.16 |
| Hard\_down | -0.06 |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.14 |
| Easy\_down | **0.47** |
| Med\_up | -0.06 |
| Med\_down | **0.34** |
| Hard\_up | -0.16 |
| Hard\_down | -0.02 |

### Significant Correlation with MR\_t1

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and MR\_t1  
Canonical Variate 1 (R = -0.34, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.83** |
| Easy\_down | -0.09 |
| Med\_up | **-0.6** |
| Med\_down | -0.17 |
| Hard\_up | **-0.61** |
| Hard\_down | -0.19 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.33 |
| Easy\_down | **-0.42** |
| Med\_up | -0.35 |
| Med\_down | -0.13 |
| Hard\_up | -0.06 |
| Hard\_down | **-0.74** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.47** |
| Easy\_down | **0.39** |
| Med\_up | **-0.69** |
| Med\_down | **0.57** |
| Hard\_up | -0.06 |
| Hard\_down | -0.13 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and MR\_t1  
Canonical Variate 2 (R = 0.34, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | -0.19 |
| Med\_up | 0.07 |
| Med\_down | **-0.47** |
| Hard\_up | -0.07 |
| Hard\_down | -0.16 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | **0.28** |
| Med\_up | **-0.22** |
| Med\_down | **-0.17** |
| Hard\_up | **-0.32** |
| Hard\_down | -0.04 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.42** |
| Easy\_down | **0.29** |
| Med\_up | **-0.55** |
| Med\_down | 0.08 |
| Hard\_up | **-0.52** |
| Hard\_down | -0.14 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and MR\_t1  
Canonical Variate 1 (R = 0.35, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.81** |
| Easy\_down | 0.02 |
| Med\_up | **0.57** |
| Med\_down | 0.08 |
| Hard\_up | **0.63** |
| Hard\_down | 0.04 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.4** |
| Easy\_down | **0.39** |
| Med\_up | 0.35 |
| Med\_down | 0.2 |
| Hard\_up | 0.13 |
| Hard\_down | **0.73** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.23 |
| Easy\_down | -0.31 |
| Med\_up | **0.7** |
| Med\_down | **-0.72** |
| Hard\_up | -0.05 |
| Hard\_down | 0.08 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.35** |
| Easy\_down | **0.5** |
| Med\_up | **-0.37** |
| Med\_down | -0.02 |
| Hard\_up | 0.13 |
| Hard\_down | -0.23 |

### Significant Correlation with DSf\_t1

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and DSf\_t1  
Canonical Variate 4 (R = -0.44, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.34 |
| Easy\_down | **0.58** |
| Med\_up | **0.54** |
| Med\_down | -0.01 |
| Hard\_up | **0.76** |
| Hard\_down | -0.13 |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | **-0.56** |
| Med\_up | **-0.82** |
| Med\_down | **0.46** |
| Hard\_up | -0.3 |
| Hard\_down | -0.1 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and DSf\_t1  
Canonical Variate 4 (R = 0.4, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.77** |
| Easy\_down | -0.17 |
| Med\_up | -0.19 |
| Med\_down | -0.34 |
| Hard\_up | **-0.74** |
| Hard\_down | -0.1 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.45** |
| Easy\_down | **0.28** |
| Med\_up | -0.12 |
| Med\_down | **-0.49** |
| Hard\_up | **-0.44** |
| Hard\_down | **-0.4** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.69** |
| Easy\_down | **-0.45** |
| Med\_up | -0.15 |
| Med\_down | 0.12 |
| Hard\_up | 0.23 |
| Hard\_down | -0.16 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and DSf\_t1  
Canonical Variate 5 (R = -0.44, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | **0.47** |
| Med\_up | **0.48** |
| Med\_down | -0.21 |
| Hard\_up | **0.7** |
| Hard\_down | -0.28 |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.1 |
| Easy\_down | **-0.69** |
| Med\_up | **-0.38** |
| Med\_down | -0.07 |
| Hard\_up | **-0.62** |
| Hard\_down | **0.38** |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | **-0.66** |
| Med\_up | **-0.61** |
| Med\_down | **0.34** |
| Hard\_up | **-0.61** |
| Hard\_down | **0.37** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and DSf\_t1  
Canonical Variate 5 (R = -0.36, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.77** |
| Easy\_down | 0.23 |
| Med\_up | 0.33 |
| Med\_down | 0.11 |
| Hard\_up | 0.38 |
| Hard\_down | 0.34 |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.43** |
| Easy\_down | **0.4** |
| Med\_up | -0.04 |
| Med\_down | **0.3** |
| Hard\_up | 0.21 |
| Hard\_down | **-0.23** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.36** |
| Easy\_down | **0.36** |
| Med\_up | -0.24 |
| Med\_down | 0.18 |
| Hard\_up | **-0.7** |
| Hard\_down | **0.7** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and DSf\_t1  
Canonical Variate 6 (R = 0.36, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | -0.14 |
| Med\_up | -0.15 |
| Med\_down | 0.28 |
| Hard\_up | **-0.59** |
| Hard\_down | **0.58** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.78** |
| Easy\_down | **0.56** |
| Med\_up | **-0.67** |
| Med\_down | 0.02 |
| Hard\_up | **-0.54** |
| Hard\_down | 0.0 |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.14 |
| Easy\_down | **-0.39** |
| Med\_up | -0.23 |
| Med\_down | **-0.33** |
| Hard\_up | 0.05 |
| Hard\_down | **-0.54** |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.16 |
| Easy\_down | **0.63** |
| Med\_up | 0.08 |
| Med\_down | 0.19 |
| Hard\_up | 0.06 |
| Hard\_down | 0.01 |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.51** |
| Easy\_down | **-0.59** |
| Med\_up | **-0.54** |
| Med\_down | -0.24 |
| Hard\_up | **-0.72** |
| Hard\_down | -0.32 |

### Significant Correlation with longDSf\_t1

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and longDSf\_t1  
Canonical Variate 4 (R = -0.37, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.34 |
| Easy\_down | **0.58** |
| Med\_up | **0.54** |
| Med\_down | -0.01 |
| Hard\_up | **0.76** |
| Hard\_down | -0.13 |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | **-0.56** |
| Med\_up | **-0.82** |
| Med\_down | **0.46** |
| Hard\_up | -0.3 |
| Hard\_down | -0.1 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and longDSf\_t1  
Canonical Variate 4 (R = 0.36, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.77** |
| Easy\_down | -0.17 |
| Med\_up | -0.19 |
| Med\_down | -0.34 |
| Hard\_up | **-0.74** |
| Hard\_down | -0.1 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.45** |
| Easy\_down | **0.28** |
| Med\_up | -0.12 |
| Med\_down | **-0.49** |
| Hard\_up | **-0.44** |
| Hard\_down | **-0.4** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.69** |
| Easy\_down | **-0.45** |
| Med\_up | -0.15 |
| Med\_down | 0.12 |
| Hard\_up | 0.23 |
| Hard\_down | -0.16 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and longDSf\_t1  
Canonical Variate 5 (R = -0.37, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | **0.47** |
| Med\_up | **0.48** |
| Med\_down | -0.21 |
| Hard\_up | **0.7** |
| Hard\_down | -0.28 |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.1 |
| Easy\_down | **-0.69** |
| Med\_up | **-0.38** |
| Med\_down | -0.07 |
| Hard\_up | **-0.62** |
| Hard\_down | **0.38** |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | **-0.66** |
| Med\_up | **-0.61** |
| Med\_down | **0.34** |
| Hard\_up | **-0.61** |
| Hard\_down | **0.37** |

### Significant Correlation with DSb\_t1

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57

Significant correlation between DMN\_AAR and DSb\_t1  
Canonical Variate 5 (R = 0.36, P < 0.01)

DMN\_AAR CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.36** |
| Easy\_down | 0.08 |
| Med\_up | -0.28 |
| Med\_down | **0.59** |
| Hard\_up | 0.02 |
| Hard\_down | **0.57** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.36** |
| Easy\_down | 0.3 |
| Med\_up | **0.34** |
| Med\_down | **-0.56** |
| Hard\_up | 0.1 |
| Hard\_down | **-0.67** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and DSb\_t1  
Canonical Variate 1 (R = 0.37, P < 0.01)

RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.21 |
| Easy\_down | **-0.44** |
| Med\_up | **0.26** |
| Med\_down | -0.17 |
| Hard\_up | **0.27** |
| Hard\_down | **-0.3** |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.35** |
| Easy\_down | 0.05 |
| Med\_up | 0.11 |
| Med\_down | -0.09 |
| Hard\_up | -0.12 |
| Hard\_down | **-0.24** |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and DSb\_t1  
Canonical Variate 6 (R = -0.39, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | 0.07 |
| Med\_up | **-0.17** |
| Med\_down | **-0.32** |
| Hard\_up | **-0.23** |
| Hard\_down | -0.01 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.12 |
| Easy\_down | **0.33** |
| Med\_up | **-0.31** |
| Med\_down | **0.41** |
| Hard\_up | **-0.21** |
| Hard\_down | 0.08 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and DSb\_t1  
Canonical Variate 1 (R = 0.36, P < 0.01)

RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | **-0.47** |
| Med\_up | **0.4** |
| Med\_down | -0.2 |
| Hard\_up | **0.41** |
| Hard\_down | **-0.32** |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.34** |
| Easy\_down | -0.11 |
| Med\_up | -0.15 |
| Med\_down | 0.09 |
| Hard\_up | **-0.19** |
| Hard\_down | **-0.23** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.51** |
| Easy\_down | **0.53** |
| Med\_up | **-0.45** |
| Med\_down | 0.2 |
| Hard\_up | **-0.45** |
| Hard\_down | **0.33** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and DSb\_t1  
Canonical Variate 4 (R = 0.37, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | **-0.48** |
| Med\_up | -0.21 |
| Med\_down | **0.27** |
| Hard\_up | 0.22 |
| Hard\_down | **-0.32** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | **0.21** |
| Med\_up | 0.1 |
| Med\_down | **-0.4** |
| Hard\_up | **-0.39** |
| Hard\_down | **0.33** |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.07 |
| Easy\_down | **0.45** |
| Med\_up | **0.42** |
| Med\_down | -0.12 |
| Hard\_up | -0.27 |
| Hard\_down | **0.71** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and DSb\_t1  
Canonical Variate 5 (R = 0.34, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.32** |
| Easy\_down | **-0.49** |
| Med\_up | -0.24 |
| Med\_down | 0.18 |
| Hard\_up | -0.24 |
| Hard\_down | **0.44** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.53** |
| Easy\_down | **-0.52** |
| Med\_up | **0.47** |
| Med\_down | -0.01 |
| Hard\_up | 0.05 |
| Hard\_down | 0.24 |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | -0.08 |
| Med\_up | -0.23 |
| Med\_down | 0.31 |
| Hard\_up | **-0.65** |
| Hard\_down | **0.53** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.71** |
| Easy\_down | 0.35 |
| Med\_up | **0.68** |
| Med\_down | 0.06 |
| Hard\_up | **0.52** |
| Hard\_down | 0.1 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and DSb\_t1  
Canonical Variate 6 (R = 0.37, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.26** |
| Easy\_down | -0.01 |
| Med\_up | 0.06 |
| Med\_down | 0.13 |
| Hard\_up | **0.38** |
| Hard\_down | **-0.43** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.62** |
| Easy\_down | **0.65** |
| Med\_up | 0.1 |
| Med\_down | **-0.34** |
| Hard\_up | **-0.48** |
| Hard\_down | **0.36** |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.45** |
| Easy\_down | -0.0 |
| Med\_up | 0.03 |
| Med\_down | **-0.73** |
| Hard\_up | 0.03 |
| Hard\_down | **-0.4** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.07 |
| Easy\_down | **0.56** |
| Med\_up | **0.42** |
| Med\_down | 0.06 |
| Hard\_up | **0.4** |
| Hard\_down | **0.58** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and DSb\_t1  
Canonical Variate 4 (R = 0.35, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | -0.18 |
| Med\_up | -0.16 |
| Med\_down | 0.26 |
| Hard\_up | **0.53** |
| Hard\_down | **-0.64** |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.37** |
| Easy\_down | **0.29** |
| Med\_up | **-0.31** |
| Med\_down | 0.25 |
| Hard\_up | **-0.51** |
| Hard\_down | 0.12 |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.39 |
| Easy\_down | 0.13 |
| Med\_up | -0.11 |
| Med\_down | -0.33 |
| Hard\_up | **-0.82** |
| Hard\_down | **0.61** |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.42** |
| Easy\_down | **-0.69** |
| Med\_up | -0.16 |
| Med\_down | -0.14 |
| Hard\_up | **-0.56** |
| Hard\_down | 0.3 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.19 |
| Easy\_down | 0.17 |
| Med\_up | **-0.66** |
| Med\_down | **0.4** |
| Hard\_up | **-0.58** |
| Hard\_down | **0.5** |

### Significant Correlation with longDSb\_t1

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57

Significant correlation between DMN\_AAR and longDSb\_t1  
Canonical Variate 5 (R = 0.37, P < 0.01)

DMN\_AAR CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.36** |
| Easy\_down | 0.08 |
| Med\_up | -0.28 |
| Med\_down | **0.59** |
| Hard\_up | 0.02 |
| Hard\_down | **0.57** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.36** |
| Easy\_down | 0.3 |
| Med\_up | **0.34** |
| Med\_down | **-0.56** |
| Hard\_up | 0.1 |
| Hard\_down | **-0.67** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and longDSb\_t1  
Canonical Variate 4 (R = -0.36, P < 0.01)

INIT\_DMN CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.38 |
| Easy\_down | 0.07 |
| Med\_up | 0.34 |
| Med\_down | 0.04 |
| Hard\_up | **0.72** |
| Hard\_down | **-0.79** |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.27 |
| Easy\_down | **-0.61** |
| Med\_up | **0.35** |
| Med\_down | **-0.44** |
| Hard\_up | -0.05 |
| Hard\_down | 0.28 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and longDSb\_t1  
Canonical Variate 5 (R = 0.37, P < 0.01)

INIT\_DMN CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.59** |
| Easy\_down | -0.27 |
| Med\_up | **-0.46** |
| Med\_down | **-0.3** |
| Hard\_up | **-0.52** |
| Hard\_down | 0.25 |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.56** |
| Easy\_down | **0.76** |
| Med\_up | 0.25 |
| Med\_down | **-0.41** |
| Hard\_up | 0.01 |
| Hard\_down | -0.09 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and longDSb\_t1  
Canonical Variate 6 (R = 0.41, P < 0.01)

INIT\_DMN CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.68** |
| Easy\_down | -0.22 |
| Med\_up | -0.29 |
| Med\_down | **-0.42** |
| Hard\_up | **-0.53** |
| Hard\_down | 0.24 |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.04 |
| Easy\_down | **0.54** |
| Med\_up | 0.15 |
| Med\_down | 0.26 |
| Hard\_up | **0.71** |
| Hard\_down | **-0.46** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.11 |
| Easy\_down | **0.51** |
| Med\_up | **0.3** |
| Med\_down | 0.1 |
| Hard\_up | **0.31** |
| Hard\_down | **0.41** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and longDSb\_t1  
Canonical Variate 4 (R = -0.36, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | **0.54** |
| Med\_up | 0.15 |
| Med\_down | **0.51** |
| Hard\_up | 0.24 |
| Hard\_down | 0.09 |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.3 |
| Easy\_down | 0.04 |
| Med\_up | -0.07 |
| Med\_down | **-0.45** |
| Hard\_up | 0.16 |
| Hard\_down | **-0.69** |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.66** |
| Easy\_down | -0.05 |
| Med\_up | **-0.46** |
| Med\_down | -0.12 |
| Hard\_up | **-0.81** |
| Hard\_down | 0.0 |

### Significant Correlation with AR\_t1

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and AR\_t1  
Canonical Variate 3 (R = 0.35, P < 0.01)

RESP CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | 0.25 |
| Med\_up | 0.23 |
| Med\_down | 0.15 |
| Hard\_up | -0.34 |
| Hard\_down | **0.88** |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.06 |
| Easy\_down | -0.13 |
| Med\_up | -0.06 |
| Med\_down | -0.09 |
| Hard\_up | 0.34 |
| Hard\_down | **-0.78** |

EXT CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.35 |
| Easy\_down | **0.83** |
| Med\_up | 0.23 |
| Med\_down | 0.2 |
| Hard\_up | **0.59** |
| Hard\_down | -0.14 |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.07 |
| Easy\_down | **0.56** |
| Med\_up | **0.65** |
| Med\_down | -0.22 |
| Hard\_up | 0.11 |
| Hard\_down | **0.34** |

### Significant Correlation with CD\_t1

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and CD\_t1  
Canonical Variate 2 (R = -0.4, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.69** |
| Easy\_down | 0.28 |
| Med\_up | 0.08 |
| Med\_down | **-0.42** |
| Hard\_up | 0.06 |
| Hard\_down | **-0.42** |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.07 |
| Easy\_down | **0.61** |
| Med\_up | 0.08 |
| Med\_down | **0.36** |
| Hard\_up | **0.68** |
| Hard\_down | -0.33 |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and CD\_t1  
Canonical Variate 1 (R = -0.37, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.76** |
| Easy\_down | -0.0 |
| Med\_up | -0.32 |
| Med\_down | **-0.47** |
| Hard\_up | **-0.83** |
| Hard\_down | 0.21 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.55** |
| Easy\_down | -0.32 |
| Med\_up | **0.46** |
| Med\_down | **-0.92** |
| Hard\_up | -0.13 |
| Hard\_down | -0.45 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and CD\_t1  
Canonical Variate 1 (R = -0.36, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.83** |
| Easy\_down | -0.09 |
| Med\_up | **-0.6** |
| Med\_down | -0.17 |
| Hard\_up | **-0.61** |
| Hard\_down | -0.19 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.33 |
| Easy\_down | **-0.42** |
| Med\_up | -0.35 |
| Med\_down | -0.13 |
| Hard\_up | -0.06 |
| Hard\_down | **-0.74** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.47** |
| Easy\_down | **0.39** |
| Med\_up | **-0.69** |
| Med\_down | **0.57** |
| Hard\_up | -0.06 |
| Hard\_down | -0.13 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and CD\_t1  
Canonical Variate 1 (R = -0.38, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.83** |
| Easy\_down | 0.03 |
| Med\_up | -0.33 |
| Med\_down | **-0.46** |
| Hard\_up | **-0.58** |
| Hard\_down | -0.0 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.43** |
| Easy\_down | -0.22 |
| Med\_up | -0.01 |
| Med\_down | **-0.64** |
| Hard\_up | -0.18 |
| Hard\_down | **-0.79** |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.57** |
| Easy\_down | **-0.33** |
| Med\_up | **0.54** |
| Med\_down | 0.11 |
| Hard\_up | **0.39** |
| Hard\_down | 0.22 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and CD\_t1  
Canonical Variate 1 (R = -0.35, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.73** |
| Easy\_down | -0.03 |
| Med\_up | -0.23 |
| Med\_down | **-0.61** |
| Hard\_up | **-0.79** |
| Hard\_down | 0.19 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.44** |
| Easy\_down | -0.11 |
| Med\_up | -0.01 |
| Med\_down | **-0.54** |
| Hard\_up | -0.27 |
| Hard\_down | **-0.68** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.7** |
| Easy\_down | -0.35 |
| Med\_up | 0.25 |
| Med\_down | **-0.74** |
| Hard\_up | -0.19 |
| Hard\_down | **-0.51** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and CD\_t1  
Canonical Variate 1 (R = 0.34, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.77** |
| Easy\_down | 0.01 |
| Med\_up | **0.54** |
| Med\_down | 0.04 |
| Hard\_up | **0.7** |
| Hard\_down | -0.09 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | -0.22 |
| Med\_up | **0.63** |
| Med\_down | **-0.84** |
| Hard\_up | -0.19 |
| Hard\_down | 0.0 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.29** |
| Easy\_down | **0.58** |
| Med\_up | -0.27 |
| Med\_down | -0.03 |
| Hard\_up | 0.14 |
| Hard\_down | -0.17 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and CD\_t1  
Canonical Variate 1 (R = 0.35, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.77** |
| Easy\_down | 0.11 |
| Med\_up | **0.52** |
| Med\_down | 0.24 |
| Hard\_up | **0.82** |
| Hard\_down | -0.08 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.03 |
| Easy\_down | -0.29 |
| Med\_up | **0.62** |
| Med\_down | **-0.83** |
| Hard\_up | -0.08 |
| Hard\_down | -0.16 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | 0.39 |
| Med\_up | **-0.64** |
| Med\_down | **0.86** |
| Hard\_up | 0.03 |
| Hard\_down | 0.27 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and CD\_t1  
Canonical Variate 1 (R = -0.37, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.7** |
| Easy\_down | -0.0 |
| Med\_up | -0.31 |
| Med\_down | -0.19 |
| Hard\_up | **-0.66** |
| Hard\_down | 0.14 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.27** |
| Easy\_down | **-0.46** |
| Med\_up | **0.25** |
| Med\_down | 0.18 |
| Hard\_up | 0.03 |
| Hard\_down | 0.07 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **-0.55** |
| Med\_up | **0.56** |
| Med\_down | **-0.75** |
| Hard\_up | -0.04 |
| Hard\_down | -0.26 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and CD\_t1  
Canonical Variate 1 (R = 0.36, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.81** |
| Easy\_down | 0.02 |
| Med\_up | **0.57** |
| Med\_down | 0.08 |
| Hard\_up | **0.63** |
| Hard\_down | 0.04 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.4** |
| Easy\_down | **0.39** |
| Med\_up | 0.35 |
| Med\_down | 0.2 |
| Hard\_up | 0.13 |
| Hard\_down | **0.73** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.23 |
| Easy\_down | -0.31 |
| Med\_up | **0.7** |
| Med\_down | **-0.72** |
| Hard\_up | -0.05 |
| Hard\_down | 0.08 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.35** |
| Easy\_down | **0.5** |
| Med\_up | **-0.37** |
| Med\_down | -0.02 |
| Hard\_up | 0.13 |
| Hard\_down | -0.23 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and CD\_t1  
Canonical Variate 1 (R = 0.36, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.79** |
| Easy\_down | 0.08 |
| Med\_up | **0.48** |
| Med\_down | 0.28 |
| Hard\_up | **0.77** |
| Hard\_down | -0.07 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.38** |
| Easy\_down | **0.33** |
| Med\_up | 0.17 |
| Med\_down | 0.26 |
| Hard\_up | 0.16 |
| Hard\_down | **0.64** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | **-0.4** |
| Med\_up | **0.65** |
| Med\_down | **-0.69** |
| Hard\_up | 0.08 |
| Hard\_down | -0.14 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.26 |
| Easy\_down | **0.43** |
| Med\_up | **-0.6** |
| Med\_down | **0.74** |
| Hard\_up | -0.07 |
| Hard\_down | 0.32 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and CD\_t1  
Canonical Variate 3 (R = -0.37, P < 0.01)

EXT CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.84** |
| Easy\_down | **0.71** |
| Med\_up | -0.22 |
| Med\_down | -0.1 |
| Hard\_up | 0.06 |
| Hard\_down | -0.26 |

CE\_RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.11 |
| Easy\_down | -0.22 |
| Med\_up | 0.12 |
| Med\_down | **-0.46** |
| Hard\_up | **0.28** |
| Hard\_down | **-0.35** |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.41** |
| Easy\_down | **-0.39** |
| Med\_up | -0.22 |
| Med\_down | **0.45** |
| Hard\_up | **0.62** |
| Hard\_down | **-0.64** |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.22 |
| Easy\_down | **0.39** |
| Med\_up | 0.27 |
| Med\_down | **-0.48** |
| Hard\_up | **-0.6** |
| Hard\_down | **0.52** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and CD\_t1  
Canonical Variate 1 (R = -0.38, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.78** |
| Easy\_down | 0.02 |
| Med\_up | -0.33 |
| Med\_down | -0.3 |
| Hard\_up | **-0.67** |
| Hard\_down | 0.13 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.42** |
| Easy\_down | -0.26 |
| Med\_up | -0.07 |
| Med\_down | **-0.38** |
| Hard\_up | -0.15 |
| Hard\_down | **-0.67** |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.44** |
| Easy\_down | **-0.37** |
| Med\_up | **0.45** |
| Med\_down | 0.15 |
| Hard\_up | 0.14 |
| Hard\_down | 0.17 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.3 |
| Easy\_down | **-0.45** |
| Med\_up | **0.56** |
| Med\_down | **-0.73** |
| Hard\_up | 0.01 |
| Hard\_down | -0.3 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and CD\_t1  
Canonical Variate 1 (R = 0.37, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.76** |
| Easy\_down | 0.03 |
| Med\_up | **0.42** |
| Med\_down | 0.19 |
| Hard\_up | **0.71** |
| Hard\_down | -0.09 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | -0.34 |
| Med\_up | **0.51** |
| Med\_down | **-0.83** |
| Hard\_up | -0.25 |
| Hard\_down | -0.11 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.25 |
| Easy\_down | **0.51** |
| Med\_up | -0.23 |
| Med\_down | -0.12 |
| Hard\_up | 0.07 |
| Hard\_down | -0.11 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.09 |
| Easy\_down | **0.51** |
| Med\_up | **-0.59** |
| Med\_down | **0.77** |
| Hard\_up | 0.08 |
| Hard\_down | 0.2 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and CD\_t1  
Canonical Variate 1 (R = 0.37, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.79** |
| Easy\_down | 0.03 |
| Med\_up | **0.46** |
| Med\_down | 0.19 |
| Hard\_up | **0.7** |
| Hard\_down | -0.07 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.4** |
| Easy\_down | **0.34** |
| Med\_up | 0.22 |
| Med\_down | 0.25 |
| Hard\_up | 0.15 |
| Hard\_down | **0.66** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.09 |
| Easy\_down | -0.36 |
| Med\_up | **0.63** |
| Med\_down | **-0.75** |
| Hard\_up | -0.08 |
| Hard\_down | -0.08 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.34** |
| Easy\_down | **0.46** |
| Med\_up | **-0.34** |
| Med\_down | -0.1 |
| Hard\_up | 0.06 |
| Hard\_down | -0.18 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.15 |
| Easy\_down | **0.45** |
| Med\_up | **-0.64** |
| Med\_down | **0.73** |
| Hard\_up | -0.02 |
| Hard\_down | 0.22 |

### Significant Correlation with CCFT2\_t1

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between CE\_RESP and CCFT2\_t1  
Canonical Variate 6 (R = -0.45, P < 0.01)

CE\_RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.72** |
| Easy\_down | **-0.49** |
| Med\_up | 0.1 |
| Med\_down | 0.13 |
| Hard\_up | **0.5** |
| Hard\_down | -0.29 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | **-0.43** |
| Med\_up | **-0.46** |
| Med\_down | 0.13 |
| Hard\_up | 0.21 |
| Hard\_down | **-0.46** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and CCFT2\_t1  
Canonical Variate 6 (R = -0.44, P < 0.01)

CE\_RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.63** |
| Easy\_down | **-0.67** |
| Med\_up | -0.2 |
| Med\_down | 0.32 |
| Hard\_up | **0.4** |
| Hard\_down | **-0.39** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.64** |
| Easy\_down | -0.1 |
| Med\_up | -0.05 |
| Med\_down | 0.3 |
| Hard\_up | 0.01 |
| Hard\_down | 0.24 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and CCFT2\_t1  
Canonical Variate 6 (R = 0.42, P < 0.01)

CE\_RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.87** |
| Easy\_down | **0.65** |
| Med\_up | -0.34 |
| Med\_down | -0.06 |
| Hard\_up | -0.43 |
| Hard\_down | 0.02 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.18 |
| Easy\_down | 0.23 |
| Med\_up | **-0.5** |
| Med\_down | **0.29** |
| Hard\_up | 0.18 |
| Hard\_down | **-0.44** |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.11 |
| Easy\_down | **0.48** |
| Med\_up | **0.38** |
| Med\_down | **0.37** |
| Hard\_up | **0.45** |
| Hard\_down | 0.19 |

### Significant Correlation with HEXACO\_Honesty\_Humility

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and HEXACO\_Honesty\_Humility  
Canonical Variate 1 (R = 0.35, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.7** |
| Easy\_down | -0.08 |
| Med\_up | -0.28 |
| Med\_down | **-0.64** |
| Hard\_up | **-0.76** |
| Hard\_down | 0.14 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.44** |
| Easy\_down | -0.15 |
| Med\_up | -0.03 |
| Med\_down | **-0.68** |
| Hard\_up | **-0.36** |
| Hard\_down | **-0.66** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Honesty\_Humility  
Canonical Variate 1 (R = 0.35, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.73** |
| Easy\_down | -0.03 |
| Med\_up | -0.23 |
| Med\_down | **-0.61** |
| Hard\_up | **-0.79** |
| Hard\_down | 0.19 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.44** |
| Easy\_down | -0.11 |
| Med\_up | -0.01 |
| Med\_down | **-0.54** |
| Hard\_up | -0.27 |
| Hard\_down | **-0.68** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.7** |
| Easy\_down | -0.35 |
| Med\_up | 0.25 |
| Med\_down | **-0.74** |
| Hard\_up | -0.19 |
| Hard\_down | **-0.51** |

### Significant Correlation with HEXACO\_Sincerity

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and HEXACO\_Sincerity  
Canonical Variate 3 (R = -0.44, P < 0.01)

EXT CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.36 |
| Easy\_down | **-0.91** |
| Med\_up | -0.11 |
| Med\_down | -0.21 |
| Hard\_up | -0.06 |
| Hard\_down | -0.36 |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.32** |
| Easy\_down | **0.23** |
| Med\_up | 0.02 |
| Med\_down | 0.15 |
| Hard\_up | -0.01 |
| Hard\_down | **0.35** |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and HEXACO\_Sincerity  
Canonical Variate 5 (R = 0.4, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.56** |
| Easy\_down | **0.76** |
| Med\_up | 0.25 |
| Med\_down | **-0.41** |
| Hard\_up | 0.01 |
| Hard\_down | -0.09 |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.59** |
| Easy\_down | -0.27 |
| Med\_up | **-0.46** |
| Med\_down | **-0.3** |
| Hard\_up | **-0.52** |
| Hard\_down | 0.25 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and HEXACO\_Sincerity  
Canonical Variate 4 (R = -0.36, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.63** |
| Easy\_down | **-0.86** |
| Med\_up | 0.12 |
| Med\_down | -0.05 |
| Hard\_up | -0.17 |
| Hard\_down | 0.21 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.41** |
| Easy\_down | -0.28 |
| Med\_up | -0.04 |
| Med\_down | **0.6** |
| Hard\_up | -0.02 |
| Hard\_down | **0.32** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.35 |
| Easy\_down | **0.67** |
| Med\_up | 0.22 |
| Med\_down | 0.1 |
| Hard\_up | -0.4 |
| Hard\_down | **0.85** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and HEXACO\_Sincerity  
Canonical Variate 5 (R = -0.45, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.35 |
| Easy\_down | **-0.84** |
| Med\_up | -0.33 |
| Med\_down | 0.22 |
| Hard\_up | 0.01 |
| Hard\_down | **-0.44** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.63** |
| Easy\_down | 0.06 |
| Med\_up | **-0.33** |
| Med\_down | 0.1 |
| Hard\_up | -0.16 |
| Hard\_down | -0.06 |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.14 |
| Easy\_down | **0.47** |
| Med\_up | -0.06 |
| Med\_down | **0.34** |
| Hard\_up | -0.16 |
| Hard\_down | -0.02 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Sincerity  
Canonical Variate 3 (R = 0.35, P < 0.01)

EXT CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.47 |
| Easy\_down | **0.95** |
| Med\_up | 0.22 |
| Med\_down | 0.07 |
| Hard\_up | 0.28 |
| Hard\_down | 0.17 |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.25 |
| Easy\_down | -0.35 |
| Med\_up | -0.19 |
| Med\_down | 0.01 |
| Hard\_up | 0.28 |
| Hard\_down | **-0.74** |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.28 |
| Easy\_down | 0.3 |
| Med\_up | 0.22 |
| Med\_down | -0.06 |
| Hard\_up | **-0.5** |
| Hard\_down | **0.8** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Sincerity  
Canonical Variate 4 (R = 0.38, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.07 |
| Easy\_down | **0.45** |
| Med\_up | **0.42** |
| Med\_down | -0.12 |
| Hard\_up | -0.27 |
| Hard\_down | **0.71** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | **0.21** |
| Med\_up | 0.1 |
| Med\_down | **-0.4** |
| Hard\_up | **-0.39** |
| Hard\_down | **0.33** |

RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | **-0.48** |
| Med\_up | -0.21 |
| Med\_down | **0.27** |
| Hard\_up | 0.22 |
| Hard\_down | **-0.32** |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Sincerity  
Canonical Variate 5 (R = 0.4, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.02 |
| Easy\_down | **0.61** |
| Med\_up | 0.32 |
| Med\_down | 0.1 |
| Hard\_up | -0.2 |
| Hard\_down | **0.82** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.15 |
| Easy\_down | -0.38 |
| Med\_up | -0.09 |
| Med\_down | -0.42 |
| Hard\_up | 0.02 |
| Hard\_down | **-0.91** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.64** |
| Easy\_down | -0.15 |
| Med\_up | -0.23 |
| Med\_down | -0.24 |
| Hard\_up | **-0.39** |
| Hard\_down | 0.08 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Sincerity  
Canonical Variate 5 (R = -0.35, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.14 |
| Easy\_down | **-0.86** |
| Med\_up | **-0.59** |
| Med\_down | 0.1 |
| Hard\_up | -0.27 |
| Hard\_down | **-0.5** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.18 |
| Easy\_down | -0.13 |
| Med\_up | **-0.61** |
| Med\_down | **0.53** |
| Hard\_up | 0.25 |
| Hard\_down | -0.3 |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.27** |
| Easy\_down | 0.07 |
| Med\_up | **-0.2** |
| Med\_down | **0.3** |
| Hard\_up | -0.15 |
| Hard\_down | **0.37** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.29** |
| Easy\_down | 0.08 |
| Med\_up | 0.06 |
| Med\_down | -0.18 |
| Hard\_up | **0.24** |
| Hard\_down | **-0.44** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Sincerity  
Canonical Variate 5 (R = 0.37, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.11 |
| Easy\_down | **0.4** |
| Med\_up | 0.28 |
| Med\_down | 0.04 |
| Hard\_up | -0.31 |
| Hard\_down | **0.74** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.18** |
| Easy\_down | -0.15 |
| Med\_up | -0.02 |
| Med\_down | **-0.34** |
| Hard\_up | **-0.33** |
| Hard\_down | **0.18** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.39** |
| Easy\_down | **-0.56** |
| Med\_up | **-0.58** |
| Med\_down | -0.17 |
| Hard\_up | **-0.38** |
| Hard\_down | **-0.7** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.41** |
| Easy\_down | **-0.43** |
| Med\_up | **-0.29** |
| Med\_down | 0.15 |
| Hard\_up | -0.09 |
| Hard\_down | -0.18 |

### Significant Correlation with HEXACO\_Fairness

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and HEXACO\_Fairness  
Canonical Variate 4 (R = -0.38, P < 0.01)

CE\_RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.59** |
| Easy\_down | -0.05 |
| Med\_up | **0.91** |
| Med\_down | -0.05 |
| Hard\_up | **0.7** |
| Hard\_down | 0.14 |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.04 |
| Easy\_down | 0.31 |
| Med\_up | **0.41** |
| Med\_down | -0.09 |
| Hard\_up | **0.71** |
| Hard\_down | -0.19 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | **0.78** |
| Med\_up | **0.63** |
| Med\_down | -0.13 |
| Hard\_up | **0.48** |
| Hard\_down | 0.3 |

### Significant Correlation with HEXACO\_Greed\_Avoidance

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 1 (R = 0.37, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.7** |
| Easy\_down | -0.08 |
| Med\_up | -0.28 |
| Med\_down | **-0.64** |
| Hard\_up | **-0.76** |
| Hard\_down | 0.14 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.44** |
| Easy\_down | -0.15 |
| Med\_up | -0.03 |
| Med\_down | **-0.68** |
| Hard\_up | **-0.36** |
| Hard\_down | **-0.66** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 4 (R = -0.35, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | **0.69** |
| Med\_up | 0.32 |
| Med\_down | -0.17 |
| Hard\_up | **0.35** |
| Hard\_down | 0.1 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **0.43** |
| Med\_up | **0.56** |
| Med\_down | **-0.64** |
| Hard\_up | 0.07 |
| Hard\_down | 0.17 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 4 (R = 0.37, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | -0.07 |
| Med\_up | **0.49** |
| Med\_down | **-0.53** |
| Hard\_up | **-0.5** |
| Hard\_down | **0.61** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.69** |
| Easy\_down | 0.15 |
| Med\_up | 0.27 |
| Med\_down | 0.29 |
| Hard\_up | **0.39** |
| Hard\_down | **0.49** |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 1 (R = 0.38, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.11 |
| Easy\_down | -0.32 |
| Med\_up | **0.56** |
| Med\_down | **-0.71** |
| Hard\_up | -0.19 |
| Hard\_down | 0.14 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.17 |
| Easy\_down | 0.33 |
| Med\_up | **-0.43** |
| Med\_down | **0.81** |
| Hard\_up | 0.33 |
| Hard\_down | -0.1 |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 1 (R = 0.42, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.76** |
| Easy\_down | -0.0 |
| Med\_up | -0.32 |
| Med\_down | **-0.47** |
| Hard\_up | **-0.83** |
| Hard\_down | 0.21 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.55** |
| Easy\_down | -0.32 |
| Med\_up | **0.46** |
| Med\_down | **-0.92** |
| Hard\_up | -0.13 |
| Hard\_down | -0.45 |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Greed\_Avoidance  
Canonical Variate 2 (R = -0.35, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.72** |
| Easy\_down | **0.62** |
| Med\_up | -0.19 |
| Med\_down | -0.03 |
| Hard\_up | **-0.37** |
| Hard\_down | 0.07 |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | 0.21 |
| Med\_up | 0.22 |
| Med\_down | **-0.48** |
| Hard\_up | 0.02 |
| Hard\_down | 0.14 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 1 (R = 0.34, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.83** |
| Easy\_down | 0.03 |
| Med\_up | -0.33 |
| Med\_down | **-0.46** |
| Hard\_up | **-0.58** |
| Hard\_down | -0.0 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.43** |
| Easy\_down | -0.22 |
| Med\_up | -0.01 |
| Med\_down | **-0.64** |
| Hard\_up | -0.18 |
| Hard\_down | **-0.79** |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.57** |
| Easy\_down | **-0.33** |
| Med\_up | **0.54** |
| Med\_down | 0.11 |
| Hard\_up | **0.39** |
| Hard\_down | 0.22 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 3 (R = 0.39, P < 0.01)

EXT CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.38** |
| Easy\_down | **-0.52** |
| Med\_up | **0.36** |
| Med\_down | -0.18 |
| Hard\_up | -0.23 |
| Hard\_down | **0.36** |

CE\_RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.26** |
| Easy\_down | **-0.4** |
| Med\_up | -0.1 |
| Med\_down | **0.43** |
| Hard\_up | -0.2 |
| Hard\_down | **0.28** |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.16 |
| Easy\_down | **0.43** |
| Med\_up | -0.27 |
| Med\_down | **0.78** |
| Hard\_up | 0.02 |
| Hard\_down | 0.07 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 1 (R = 0.41, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.73** |
| Easy\_down | -0.03 |
| Med\_up | -0.23 |
| Med\_down | **-0.61** |
| Hard\_up | **-0.79** |
| Hard\_down | 0.19 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.44** |
| Easy\_down | -0.11 |
| Med\_up | -0.01 |
| Med\_down | **-0.54** |
| Hard\_up | -0.27 |
| Hard\_down | **-0.68** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.7** |
| Easy\_down | -0.35 |
| Med\_up | 0.25 |
| Med\_down | **-0.74** |
| Hard\_up | -0.19 |
| Hard\_down | **-0.51** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 6 (R = -0.38, P < 0.01)

EXT CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.18 |
| Easy\_down | 0.23 |
| Med\_up | **-0.5** |
| Med\_down | **0.29** |
| Hard\_up | 0.18 |
| Hard\_down | **-0.44** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.87** |
| Easy\_down | **0.65** |
| Med\_up | -0.34 |
| Med\_down | -0.06 |
| Hard\_up | -0.43 |
| Hard\_down | 0.02 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.11 |
| Easy\_down | **0.48** |
| Med\_up | **0.38** |
| Med\_down | **0.37** |
| Hard\_up | **0.45** |
| Hard\_down | 0.19 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 1 (R = -0.36, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.77** |
| Easy\_down | 0.01 |
| Med\_up | **0.54** |
| Med\_down | 0.04 |
| Hard\_up | **0.7** |
| Hard\_down | -0.09 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | -0.22 |
| Med\_up | **0.63** |
| Med\_down | **-0.84** |
| Hard\_up | -0.19 |
| Hard\_down | 0.0 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.29** |
| Easy\_down | **0.58** |
| Med\_up | -0.27 |
| Med\_down | -0.03 |
| Hard\_up | 0.14 |
| Hard\_down | -0.17 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 1 (R = -0.41, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.77** |
| Easy\_down | 0.11 |
| Med\_up | **0.52** |
| Med\_down | 0.24 |
| Hard\_up | **0.82** |
| Hard\_down | -0.08 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.03 |
| Easy\_down | -0.29 |
| Med\_up | **0.62** |
| Med\_down | **-0.83** |
| Hard\_up | -0.08 |
| Hard\_down | -0.16 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | 0.39 |
| Med\_up | **-0.64** |
| Med\_down | **0.86** |
| Hard\_up | 0.03 |
| Hard\_down | 0.27 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 1 (R = 0.42, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.7** |
| Easy\_down | -0.0 |
| Med\_up | -0.31 |
| Med\_down | -0.19 |
| Hard\_up | **-0.66** |
| Hard\_down | 0.14 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.27** |
| Easy\_down | **-0.46** |
| Med\_up | **0.25** |
| Med\_down | 0.18 |
| Hard\_up | 0.03 |
| Hard\_down | 0.07 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **-0.55** |
| Med\_up | **0.56** |
| Med\_down | **-0.75** |
| Hard\_up | -0.04 |
| Hard\_down | -0.26 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 1 (R = -0.41, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.79** |
| Easy\_down | 0.08 |
| Med\_up | **0.48** |
| Med\_down | 0.28 |
| Hard\_up | **0.77** |
| Hard\_down | -0.07 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.38** |
| Easy\_down | **0.33** |
| Med\_up | 0.17 |
| Med\_down | 0.26 |
| Hard\_up | 0.16 |
| Hard\_down | **0.64** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | **-0.4** |
| Med\_up | **0.65** |
| Med\_down | **-0.69** |
| Hard\_up | 0.08 |
| Hard\_down | -0.14 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.26 |
| Easy\_down | **0.43** |
| Med\_up | **-0.6** |
| Med\_down | **0.74** |
| Hard\_up | -0.07 |
| Hard\_down | 0.32 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 1 (R = 0.41, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.78** |
| Easy\_down | 0.02 |
| Med\_up | -0.33 |
| Med\_down | -0.3 |
| Hard\_up | **-0.67** |
| Hard\_down | 0.13 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.42** |
| Easy\_down | -0.26 |
| Med\_up | -0.07 |
| Med\_down | **-0.38** |
| Hard\_up | -0.15 |
| Hard\_down | **-0.67** |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.44** |
| Easy\_down | **-0.37** |
| Med\_up | **0.45** |
| Med\_down | 0.15 |
| Hard\_up | 0.14 |
| Hard\_down | 0.17 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.3 |
| Easy\_down | **-0.45** |
| Med\_up | **0.56** |
| Med\_down | **-0.73** |
| Hard\_up | 0.01 |
| Hard\_down | -0.3 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 1 (R = -0.41, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.76** |
| Easy\_down | 0.03 |
| Med\_up | **0.42** |
| Med\_down | 0.19 |
| Hard\_up | **0.71** |
| Hard\_down | -0.09 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | -0.34 |
| Med\_up | **0.51** |
| Med\_down | **-0.83** |
| Hard\_up | -0.25 |
| Hard\_down | -0.11 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.25 |
| Easy\_down | **0.51** |
| Med\_up | -0.23 |
| Med\_down | -0.12 |
| Hard\_up | 0.07 |
| Hard\_down | -0.11 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.09 |
| Easy\_down | **0.51** |
| Med\_up | **-0.59** |
| Med\_down | **0.77** |
| Hard\_up | 0.08 |
| Hard\_down | 0.2 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Greed\_Avoidance  
Canonical Variate 1 (R = -0.39, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.79** |
| Easy\_down | 0.03 |
| Med\_up | **0.46** |
| Med\_down | 0.19 |
| Hard\_up | **0.7** |
| Hard\_down | -0.07 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.4** |
| Easy\_down | **0.34** |
| Med\_up | 0.22 |
| Med\_down | 0.25 |
| Hard\_up | 0.15 |
| Hard\_down | **0.66** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.09 |
| Easy\_down | -0.36 |
| Med\_up | **0.63** |
| Med\_down | **-0.75** |
| Hard\_up | -0.08 |
| Hard\_down | -0.08 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.34** |
| Easy\_down | **0.46** |
| Med\_up | **-0.34** |
| Med\_down | -0.1 |
| Hard\_up | 0.06 |
| Hard\_down | -0.18 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.15 |
| Easy\_down | **0.45** |
| Med\_up | **-0.64** |
| Med\_down | **0.73** |
| Hard\_up | -0.02 |
| Hard\_down | 0.22 |

### Significant Correlation with HEXACO\_Emotionality

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Emotionality  
Canonical Variate 4 (R = 0.36, P < 0.01)

DMN\_AAR CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.04 |
| Easy\_down | -0.12 |
| Med\_up | -0.14 |
| Med\_down | **0.46** |
| Hard\_up | -0.04 |
| Hard\_down | **0.32** |

RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.05 |
| Easy\_down | **0.32** |
| Med\_up | 0.22 |
| Med\_down | **-0.46** |
| Hard\_up | 0.16 |
| Hard\_down | **-0.37** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Emotionality  
Canonical Variate 4 (R = 0.35, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.05 |
| Easy\_down | **0.32** |
| Med\_up | 0.22 |
| Med\_down | **-0.46** |
| Hard\_up | 0.16 |
| Hard\_down | **-0.37** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.04 |
| Easy\_down | -0.12 |
| Med\_up | -0.14 |
| Med\_down | **0.46** |
| Hard\_up | -0.04 |
| Hard\_down | **0.32** |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Emotionality  
Canonical Variate 6 (R = 0.35, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | 0.07 |
| Med\_up | **-0.17** |
| Med\_down | **-0.32** |
| Hard\_up | **-0.23** |
| Hard\_down | -0.01 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.12 |
| Easy\_down | **0.33** |
| Med\_up | **-0.31** |
| Med\_down | **0.41** |
| Hard\_up | **-0.21** |
| Hard\_down | 0.08 |

#### C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Emotionality  
Canonical Variate 4 (R = 0.37, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.27 |
| Easy\_down | 0.09 |
| Med\_up | 0.15 |
| Med\_down | **-0.62** |
| Hard\_up | 0.16 |
| Hard\_down | **-0.62** |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.66** |
| Easy\_down | **-0.67** |
| Med\_up | 0.04 |
| Med\_down | -0.01 |
| Hard\_up | 0.15 |
| Hard\_down | 0.0 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Emotionality  
Canonical Variate 4 (R = -0.43, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | -0.09 |
| Med\_up | 0.09 |
| Med\_down | **0.5** |
| Hard\_up | 0.18 |
| Hard\_down | **0.42** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.44** |
| Easy\_down | **0.22** |
| Med\_up | -0.11 |
| Med\_down | **-0.42** |
| Hard\_up | **-0.25** |
| Hard\_down | **-0.32** |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.5** |
| Easy\_down | **0.67** |
| Med\_up | 0.11 |
| Med\_down | 0.02 |
| Hard\_up | -0.28 |
| Hard\_down | **0.46** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Emotionality  
Canonical Variate 2 (R = 0.36, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.33 |
| Easy\_down | -0.24 |
| Med\_up | -0.06 |
| Med\_down | **-0.65** |
| Hard\_up | **-0.73** |
| Hard\_down | -0.07 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.0 |
| Easy\_down | -0.13 |
| Med\_up | 0.05 |
| Med\_down | **-0.59** |
| Hard\_up | -0.04 |
| Hard\_down | **-0.37** |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.78** |
| Easy\_down | -0.11 |
| Med\_up | 0.1 |
| Med\_down | **0.59** |
| Hard\_up | **0.81** |
| Hard\_down | -0.09 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.26 |
| Easy\_down | **-0.61** |
| Med\_up | -0.03 |
| Med\_down | 0.12 |
| Hard\_up | **0.35** |
| Hard\_down | **-0.37** |

### Significant Correlation with HEXACO\_Fearfulness

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Fearfulness  
Canonical Variate 6 (R = -0.34, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.11 |
| Easy\_down | **0.48** |
| Med\_up | **0.38** |
| Med\_down | **0.37** |
| Hard\_up | **0.45** |
| Hard\_down | 0.19 |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.87** |
| Easy\_down | **0.65** |
| Med\_up | -0.34 |
| Med\_down | -0.06 |
| Hard\_up | -0.43 |
| Hard\_down | 0.02 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.18 |
| Easy\_down | 0.23 |
| Med\_up | **-0.5** |
| Med\_down | **0.29** |
| Hard\_up | 0.18 |
| Hard\_down | **-0.44** |

### Significant Correlation with HEXACO\_Anxiety

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57

Significant correlation between DMN\_AAR and HEXACO\_Anxiety  
Canonical Variate 6 (R = 0.38, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.06 |
| Easy\_down | **-0.29** |
| Med\_up | **-0.42** |
| Med\_down | **0.46** |
| Hard\_up | **-0.46** |
| Hard\_down | 0.16 |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.24 |
| Easy\_down | -0.13 |
| Med\_up | **-0.49** |
| Med\_down | **0.47** |
| Hard\_up | 0.18 |
| Hard\_down | **-0.42** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between DMN\_AAR and HEXACO\_Anxiety  
Canonical Variate 5 (R = -0.36, P < 0.01)

DMN\_AAR CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.14 |
| Easy\_down | **0.46** |
| Med\_up | **0.49** |
| Med\_down | **-0.47** |
| Hard\_up | **0.36** |
| Hard\_down | -0.01 |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.57** |
| Easy\_down | **0.68** |
| Med\_up | -0.27 |
| Med\_down | 0.03 |
| Hard\_up | -0.22 |
| Hard\_down | **-0.36** |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.19 |
| Easy\_down | 0.04 |
| Med\_up | **0.38** |
| Med\_down | **-0.73** |
| Hard\_up | 0.11 |
| Hard\_down | **-0.49** |

### Significant Correlation with HEXACO\_Dependence

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Dependence  
Canonical Variate 4 (R = 0.41, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | **-0.56** |
| Med\_up | **-0.82** |
| Med\_down | **0.46** |
| Hard\_up | -0.3 |
| Hard\_down | -0.1 |

RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.34 |
| Easy\_down | **0.58** |
| Med\_up | **0.54** |
| Med\_down | -0.01 |
| Hard\_up | **0.76** |
| Hard\_down | -0.13 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and HEXACO\_Dependence  
Canonical Variate 6 (R = 0.41, P < 0.01)

EXT CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | **-0.7** |
| Med\_up | **-0.69** |
| Med\_down | 0.31 |
| Hard\_up | -0.19 |
| Hard\_down | -0.23 |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.35** |
| Easy\_down | **-0.52** |
| Med\_up | **-0.42** |
| Med\_down | **0.5** |
| Hard\_up | -0.15 |
| Hard\_down | -0.08 |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.66** |
| Easy\_down | 0.12 |
| Med\_up | **0.51** |
| Med\_down | -0.12 |
| Hard\_up | 0.09 |
| Hard\_down | **0.41** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Dependence  
Canonical Variate 5 (R = 0.4, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | **-0.66** |
| Med\_up | **-0.61** |
| Med\_down | **0.34** |
| Hard\_up | **-0.61** |
| Hard\_down | **0.37** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.1 |
| Easy\_down | **-0.69** |
| Med\_up | **-0.38** |
| Med\_down | -0.07 |
| Hard\_up | **-0.62** |
| Hard\_down | **0.38** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | **0.47** |
| Med\_up | **0.48** |
| Med\_down | -0.21 |
| Hard\_up | **0.7** |
| Hard\_down | -0.28 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and HEXACO\_Dependence  
Canonical Variate 5 (R = 0.34, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.32** |
| Easy\_down | **-0.49** |
| Med\_up | -0.24 |
| Med\_down | 0.18 |
| Hard\_up | -0.24 |
| Hard\_down | **0.44** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.53** |
| Easy\_down | **-0.52** |
| Med\_up | **0.47** |
| Med\_down | -0.01 |
| Hard\_up | 0.05 |
| Hard\_down | 0.24 |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | -0.08 |
| Med\_up | -0.23 |
| Med\_down | 0.31 |
| Hard\_up | **-0.65** |
| Hard\_down | **0.53** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.71** |
| Easy\_down | 0.35 |
| Med\_up | **0.68** |
| Med\_down | 0.06 |
| Hard\_up | **0.52** |
| Hard\_down | 0.1 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Dependence  
Canonical Variate 6 (R = -0.34, P < 0.01)

EXT CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **0.63** |
| Med\_up | **0.67** |
| Med\_down | -0.15 |
| Hard\_up | 0.1 |
| Hard\_down | **0.51** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.43** |
| Easy\_down | **-0.35** |
| Med\_up | **0.52** |
| Med\_down | **-0.44** |
| Hard\_up | **0.34** |
| Hard\_down | 0.12 |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.3 |
| Easy\_down | -0.22 |
| Med\_up | -0.27 |
| Med\_down | 0.01 |
| Hard\_up | 0.29 |
| Hard\_down | **-0.85** |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.17 |
| Easy\_down | **-0.43** |
| Med\_up | -0.26 |
| Med\_down | **-0.32** |
| Hard\_up | **-0.61** |
| Hard\_down | 0.19 |

### Significant Correlation with HEXACO\_Sentimentality

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and HEXACO\_Sentimentality  
Canonical Variate 2 (R = 0.37, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.63** |
| Easy\_down | **-0.57** |
| Med\_up | 0.14 |
| Med\_down | -0.2 |
| Hard\_up | -0.26 |
| Hard\_down | 0.31 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.03 |
| Easy\_down | 0.1 |
| Med\_up | -0.22 |
| Med\_down | 0.13 |
| Hard\_up | **-0.61** |
| Hard\_down | **0.54** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between DMN\_AAR and HEXACO\_Sentimentality  
Canonical Variate 6 (R = 0.35, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.02 |
| Easy\_down | **0.33** |
| Med\_up | 0.19 |
| Med\_down | **0.44** |
| Hard\_up | 0.0 |
| Hard\_down | **0.55** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.06 |
| Easy\_down | 0.21 |
| Med\_up | **0.81** |
| Med\_down | **-0.57** |
| Hard\_up | **0.48** |
| Hard\_down | -0.2 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Sentimentality  
Canonical Variate 4 (R = 0.38, P < 0.01)

DMN\_AAR CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.04 |
| Easy\_down | -0.12 |
| Med\_up | -0.14 |
| Med\_down | **0.46** |
| Hard\_up | -0.04 |
| Hard\_down | **0.32** |

RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.05 |
| Easy\_down | **0.32** |
| Med\_up | 0.22 |
| Med\_down | **-0.46** |
| Hard\_up | 0.16 |
| Hard\_down | **-0.37** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Sentimentality  
Canonical Variate 4 (R = 0.4, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.05 |
| Easy\_down | **0.32** |
| Med\_up | 0.22 |
| Med\_down | **-0.46** |
| Hard\_up | 0.16 |
| Hard\_down | **-0.37** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.04 |
| Easy\_down | -0.12 |
| Med\_up | -0.14 |
| Med\_down | **0.46** |
| Hard\_up | -0.04 |
| Hard\_down | **0.32** |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and HEXACO\_Sentimentality  
Canonical Variate 4 (R = 0.35, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.22 |
| Easy\_down | -0.34 |
| Med\_up | **-0.43** |
| Med\_down | -0.31 |
| Hard\_up | **-0.81** |
| Hard\_down | 0.34 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.61** |
| Easy\_down | **-0.64** |
| Med\_up | -0.09 |
| Med\_down | 0.1 |
| Hard\_up | 0.27 |
| Hard\_down | -0.3 |

#### C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Sentimentality  
Canonical Variate 4 (R = 0.39, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.27 |
| Easy\_down | 0.09 |
| Med\_up | 0.15 |
| Med\_down | **-0.62** |
| Hard\_up | 0.16 |
| Hard\_down | **-0.62** |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.66** |
| Easy\_down | **-0.67** |
| Med\_up | 0.04 |
| Med\_down | -0.01 |
| Hard\_up | 0.15 |
| Hard\_down | 0.0 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and HEXACO\_Sentimentality  
Canonical Variate 6 (R = -0.36, P < 0.01)

EXT CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | **0.79** |
| Med\_up | **0.42** |
| Med\_down | 0.35 |
| Hard\_up | 0.3 |
| Hard\_down | **0.4** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.22 |
| Easy\_down | -0.17 |
| Med\_up | **-0.29** |
| Med\_down | 0.22 |
| Hard\_up | **-0.56** |
| Hard\_down | **0.57** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.2** |
| Easy\_down | **0.28** |
| Med\_up | 0.12 |
| Med\_down | **-0.37** |
| Hard\_up | -0.14 |
| Hard\_down | **-0.2** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Sentimentality  
Canonical Variate 5 (R = -0.38, P < 0.01)

DMN\_AAR CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.16 |
| Easy\_down | 0.15 |
| Med\_up | 0.26 |
| Med\_down | -0.19 |
| Hard\_up | **0.46** |
| Hard\_down | **-0.55** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.33 |
| Easy\_down | **-0.43** |
| Med\_up | 0.14 |
| Med\_down | 0.11 |
| Hard\_up | -0.3 |
| Hard\_down | **0.78** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | -0.17 |
| Med\_up | -0.1 |
| Med\_down | 0.34 |
| Hard\_up | -0.3 |
| Hard\_down | **0.7** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Sentimentality  
Canonical Variate 5 (R = -0.36, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | -0.17 |
| Med\_up | -0.1 |
| Med\_down | 0.34 |
| Hard\_up | -0.3 |
| Hard\_down | **0.7** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.33 |
| Easy\_down | **-0.43** |
| Med\_up | 0.14 |
| Med\_down | 0.11 |
| Hard\_up | -0.3 |
| Hard\_down | **0.78** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.16 |
| Easy\_down | 0.15 |
| Med\_up | 0.26 |
| Med\_down | -0.19 |
| Hard\_up | **0.46** |
| Hard\_down | **-0.55** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and HEXACO\_Sentimentality  
Canonical Variate 2 (R = 0.37, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.23 |
| Easy\_down | -0.31 |
| Med\_up | 0.37 |
| Med\_down | **-0.76** |
| Hard\_up | -0.17 |
| Hard\_down | 0.14 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | 0.19 |
| Med\_up | **0.25** |
| Med\_down | **-0.4** |
| Hard\_up | **-0.35** |
| Hard\_down | **0.23** |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.01 |
| Easy\_down | **0.34** |
| Med\_up | **-0.29** |
| Med\_down | **0.42** |
| Hard\_up | **0.52** |
| Hard\_down | -0.08 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Sentimentality  
Canonical Variate 2 (R = 0.4, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | -0.19 |
| Med\_up | 0.07 |
| Med\_down | **-0.47** |
| Hard\_up | -0.07 |
| Hard\_down | -0.16 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | **0.28** |
| Med\_up | **-0.22** |
| Med\_down | **-0.17** |
| Hard\_up | **-0.32** |
| Hard\_down | -0.04 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.42** |
| Easy\_down | **0.29** |
| Med\_up | **-0.55** |
| Med\_down | 0.08 |
| Hard\_up | **-0.52** |
| Hard\_down | -0.14 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Sentimentality  
Canonical Variate 2 (R = 0.34, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.42** |
| Easy\_down | **0.29** |
| Med\_up | **-0.55** |
| Med\_down | 0.08 |
| Hard\_up | **-0.52** |
| Hard\_down | -0.14 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | **0.28** |
| Med\_up | **-0.22** |
| Med\_down | **-0.17** |
| Hard\_up | **-0.32** |
| Hard\_down | -0.04 |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | -0.19 |
| Med\_up | 0.07 |
| Med\_down | **-0.47** |
| Hard\_up | -0.07 |
| Hard\_down | -0.16 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Sentimentality  
Canonical Variate 4 (R = -0.45, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | -0.09 |
| Med\_up | 0.09 |
| Med\_down | **0.5** |
| Hard\_up | 0.18 |
| Hard\_down | **0.42** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.44** |
| Easy\_down | **0.22** |
| Med\_up | -0.11 |
| Med\_down | **-0.42** |
| Hard\_up | **-0.25** |
| Hard\_down | **-0.32** |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.5** |
| Easy\_down | **0.67** |
| Med\_up | 0.11 |
| Med\_down | 0.02 |
| Hard\_up | -0.28 |
| Hard\_down | **0.46** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Sentimentality  
Canonical Variate 5 (R = 0.37, P < 0.01)

DMN\_AAR CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.27** |
| Easy\_down | 0.07 |
| Med\_up | **-0.2** |
| Med\_down | **0.3** |
| Hard\_up | -0.15 |
| Hard\_down | **0.37** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.18 |
| Easy\_down | -0.13 |
| Med\_up | **-0.61** |
| Med\_down | **0.53** |
| Hard\_up | 0.25 |
| Hard\_down | -0.3 |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.14 |
| Easy\_down | **-0.86** |
| Med\_up | **-0.59** |
| Med\_down | 0.1 |
| Hard\_up | -0.27 |
| Hard\_down | **-0.5** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.29** |
| Easy\_down | 0.08 |
| Med\_up | 0.06 |
| Med\_down | -0.18 |
| Hard\_up | **0.24** |
| Hard\_down | **-0.44** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Sentimentality  
Canonical Variate 2 (R = -0.38, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | 0.14 |
| Med\_up | 0.12 |
| Med\_down | **0.45** |
| Hard\_up | **0.55** |
| Hard\_down | **-0.29** |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.43** |
| Easy\_down | **-0.32** |
| Med\_up | 0.14 |
| Med\_down | **0.48** |
| Hard\_up | **0.53** |
| Hard\_down | 0.19 |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.39** |
| Easy\_down | **0.73** |
| Med\_up | 0.29 |
| Med\_down | 0.08 |
| Hard\_up | **0.45** |
| Hard\_down | -0.17 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.8** |
| Easy\_down | -0.32 |
| Med\_up | 0.16 |
| Med\_down | 0.26 |
| Hard\_up | 0.34 |
| Hard\_down | 0.31 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Sentimentality  
Canonical Variate 5 (R = 0.36, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.29** |
| Easy\_down | 0.08 |
| Med\_up | 0.06 |
| Med\_down | -0.18 |
| Hard\_up | **0.24** |
| Hard\_down | **-0.44** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.18 |
| Easy\_down | -0.13 |
| Med\_up | **-0.61** |
| Med\_down | **0.53** |
| Hard\_up | 0.25 |
| Hard\_down | -0.3 |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.27** |
| Easy\_down | 0.07 |
| Med\_up | **-0.2** |
| Med\_down | **0.3** |
| Hard\_up | -0.15 |
| Hard\_down | **0.37** |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.14 |
| Easy\_down | **-0.86** |
| Med\_up | **-0.59** |
| Med\_down | 0.1 |
| Hard\_up | -0.27 |
| Hard\_down | **-0.5** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Sentimentality  
Canonical Variate 2 (R = 0.37, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.24 |
| Easy\_down | -0.16 |
| Med\_up | 0.05 |
| Med\_down | **-0.82** |
| Hard\_up | **-0.43** |
| Hard\_down | 0.01 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.23 |
| Easy\_down | 0.16 |
| Med\_up | -0.01 |
| Med\_down | **-0.54** |
| Hard\_up | **-0.35** |
| Hard\_down | **-0.3** |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | -0.02 |
| Med\_up | -0.13 |
| Med\_down | 0.24 |
| Hard\_up | **0.55** |
| Hard\_down | -0.14 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.76** |
| Easy\_down | 0.08 |
| Med\_up | **-0.42** |
| Med\_down | -0.32 |
| Hard\_up | **-0.56** |
| Hard\_down | **-0.41** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Sentimentality  
Canonical Variate 2 (R = 0.36, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.76** |
| Easy\_down | 0.08 |
| Med\_up | **-0.42** |
| Med\_down | -0.32 |
| Hard\_up | **-0.56** |
| Hard\_down | **-0.41** |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.23 |
| Easy\_down | 0.16 |
| Med\_up | -0.01 |
| Med\_down | **-0.54** |
| Hard\_up | **-0.35** |
| Hard\_down | **-0.3** |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.24 |
| Easy\_down | -0.16 |
| Med\_up | 0.05 |
| Med\_down | **-0.82** |
| Hard\_up | **-0.43** |
| Hard\_down | 0.01 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | -0.02 |
| Med\_up | -0.13 |
| Med\_down | 0.24 |
| Hard\_up | **0.55** |
| Hard\_down | -0.14 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Sentimentality  
Canonical Variate 3 (R = -0.37, P < 0.01)

EXT CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.35 |
| Easy\_down | **0.83** |
| Med\_up | 0.23 |
| Med\_down | 0.2 |
| Hard\_up | **0.59** |
| Hard\_down | -0.14 |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.06 |
| Easy\_down | -0.13 |
| Med\_up | -0.06 |
| Med\_down | -0.09 |
| Hard\_up | 0.34 |
| Hard\_down | **-0.78** |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.07 |
| Easy\_down | **0.56** |
| Med\_up | **0.65** |
| Med\_down | -0.22 |
| Hard\_up | 0.11 |
| Hard\_down | **0.34** |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | 0.25 |
| Med\_up | 0.23 |
| Med\_down | 0.15 |
| Hard\_up | -0.34 |
| Hard\_down | **0.88** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Sentimentality  
Canonical Variate 6 (R = -0.36, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.14 |
| Easy\_down | **-0.39** |
| Med\_up | -0.23 |
| Med\_down | **-0.33** |
| Hard\_up | 0.05 |
| Hard\_down | **-0.54** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.78** |
| Easy\_down | **0.56** |
| Med\_up | **-0.67** |
| Med\_down | 0.02 |
| Hard\_up | **-0.54** |
| Hard\_down | 0.0 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.16 |
| Easy\_down | **0.63** |
| Med\_up | 0.08 |
| Med\_down | 0.19 |
| Hard\_up | 0.06 |
| Hard\_down | 0.01 |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.51** |
| Easy\_down | **-0.59** |
| Med\_up | **-0.54** |
| Med\_down | -0.24 |
| Hard\_up | **-0.72** |
| Hard\_down | -0.32 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | -0.14 |
| Med\_up | -0.15 |
| Med\_down | 0.28 |
| Hard\_up | **-0.59** |
| Hard\_down | **0.58** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Sentimentality  
Canonical Variate 4 (R = 0.38, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.42** |
| Easy\_down | **-0.69** |
| Med\_up | -0.16 |
| Med\_down | -0.14 |
| Hard\_up | **-0.56** |
| Hard\_down | 0.3 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.37** |
| Easy\_down | **0.29** |
| Med\_up | **-0.31** |
| Med\_down | 0.25 |
| Hard\_up | **-0.51** |
| Hard\_down | 0.12 |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.39 |
| Easy\_down | 0.13 |
| Med\_up | -0.11 |
| Med\_down | -0.33 |
| Hard\_up | **-0.82** |
| Hard\_down | **0.61** |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.19 |
| Easy\_down | 0.17 |
| Med\_up | **-0.66** |
| Med\_down | **0.4** |
| Hard\_up | **-0.58** |
| Hard\_down | **0.5** |

RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | -0.18 |
| Med\_up | -0.16 |
| Med\_down | 0.26 |
| Hard\_up | **0.53** |
| Hard\_down | **-0.64** |

### Significant Correlation with HEXACO\_Extraversion

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and HEXACO\_Extraversion  
Canonical Variate 5 (R = -0.35, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.19 |
| Easy\_down | 0.04 |
| Med\_up | **0.38** |
| Med\_down | **-0.73** |
| Hard\_up | 0.11 |
| Hard\_down | **-0.49** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.57** |
| Easy\_down | **0.68** |
| Med\_up | -0.27 |
| Med\_down | 0.03 |
| Hard\_up | -0.22 |
| Hard\_down | **-0.36** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.14 |
| Easy\_down | **0.46** |
| Med\_up | **0.49** |
| Med\_down | **-0.47** |
| Hard\_up | **0.36** |
| Hard\_down | -0.01 |

### Significant Correlation with HEXACO\_Social\_Self\_esteem

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and HEXACO\_Social\_Self\_esteem  
Canonical Variate 5 (R = -0.43, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.19 |
| Easy\_down | 0.04 |
| Med\_up | **0.38** |
| Med\_down | **-0.73** |
| Hard\_up | 0.11 |
| Hard\_down | **-0.49** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.57** |
| Easy\_down | **0.68** |
| Med\_up | -0.27 |
| Med\_down | 0.03 |
| Hard\_up | -0.22 |
| Hard\_down | **-0.36** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.14 |
| Easy\_down | **0.46** |
| Med\_up | **0.49** |
| Med\_down | **-0.47** |
| Hard\_up | **0.36** |
| Hard\_down | -0.01 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between DMN\_AAR and HEXACO\_Social\_Self\_esteem  
Canonical Variate 3 (R = -0.36, P < 0.01)

DMN\_AAR CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.28 |
| Easy\_down | **0.78** |
| Med\_up | **0.51** |
| Med\_down | 0.27 |
| Hard\_up | **0.53** |
| Hard\_down | 0.23 |

CE\_RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.2** |
| Easy\_down | **-0.34** |
| Med\_up | **0.24** |
| Med\_down | **-0.24** |
| Hard\_up | **-0.29** |
| Hard\_down | 0.02 |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | **0.42** |
| Med\_up | 0.02 |
| Med\_down | **0.53** |
| Hard\_up | **0.27** |
| Hard\_down | **0.41** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Social\_Self\_esteem  
Canonical Variate 5 (R = 0.35, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.07 |
| Easy\_down | **0.64** |
| Med\_up | **0.33** |
| Med\_down | 0.11 |
| Hard\_up | **0.63** |
| Hard\_down | -0.23 |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.79** |
| Easy\_down | **0.61** |
| Med\_up | **-0.56** |
| Med\_down | 0.02 |
| Hard\_up | -0.24 |
| Hard\_down | **-0.47** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.43** |
| Easy\_down | -0.18 |
| Med\_up | 0.18 |
| Med\_down | -0.16 |
| Hard\_up | -0.3 |
| Hard\_down | **0.69** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Social\_Self\_esteem  
Canonical Variate 2 (R = -0.36, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.29 |
| Easy\_down | **-0.79** |
| Med\_up | **-0.44** |
| Med\_down | 0.06 |
| Hard\_up | **-0.4** |
| Hard\_down | -0.02 |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.24 |
| Easy\_down | **0.6** |
| Med\_up | **0.64** |
| Med\_down | 0.02 |
| Hard\_up | **0.83** |
| Hard\_down | -0.06 |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.06 |
| Easy\_down | 0.21 |
| Med\_up | **0.56** |
| Med\_down | **-0.3** |
| Hard\_up | **0.42** |
| Hard\_down | **-0.33** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Social\_Self\_esteem  
Canonical Variate 4 (R = 0.37, P < 0.01)

EXT CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.07 |
| Easy\_down | 0.0 |
| Med\_up | **-0.65** |
| Med\_down | **0.78** |
| Hard\_up | -0.04 |
| Hard\_down | 0.11 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.31** |
| Easy\_down | -0.03 |
| Med\_up | **-0.37** |
| Med\_down | **0.22** |
| Hard\_up | -0.14 |
| Hard\_down | **0.24** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.48** |
| Easy\_down | **-0.52** |
| Med\_up | **-0.71** |
| Med\_down | -0.11 |
| Hard\_up | **-0.8** |
| Hard\_down | -0.21 |

RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | **0.78** |
| Med\_up | **0.61** |
| Med\_down | 0.17 |
| Hard\_up | **0.59** |
| Hard\_down | 0.37 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Social\_Self\_esteem  
Canonical Variate 4 (R = 0.37, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | **0.78** |
| Med\_up | **0.61** |
| Med\_down | 0.17 |
| Hard\_up | **0.59** |
| Hard\_down | 0.37 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.31** |
| Easy\_down | -0.03 |
| Med\_up | **-0.37** |
| Med\_down | **0.22** |
| Hard\_up | -0.14 |
| Hard\_down | **0.24** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.48** |
| Easy\_down | **-0.52** |
| Med\_up | **-0.71** |
| Med\_down | -0.11 |
| Hard\_up | **-0.8** |
| Hard\_down | -0.21 |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.07 |
| Easy\_down | 0.0 |
| Med\_up | **-0.65** |
| Med\_down | **0.78** |
| Hard\_up | -0.04 |
| Hard\_down | 0.11 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and HEXACO\_Social\_Self\_esteem  
Canonical Variate 2 (R = 0.35, P < 0.01)

EXT CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.18 |
| Easy\_down | 0.12 |
| Med\_up | -0.41 |
| Med\_down | **0.95** |
| Hard\_up | 0.36 |
| Hard\_down | -0.11 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.09 |
| Easy\_down | -0.13 |
| Med\_up | -0.13 |
| Med\_down | **0.52** |
| Hard\_up | **0.27** |
| Hard\_down | 0.22 |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.78** |
| Easy\_down | -0.2 |
| Med\_up | **-0.64** |
| Med\_down | -0.15 |
| Hard\_up | **-0.76** |
| Hard\_down | -0.24 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | 0.06 |
| Med\_up | **0.3** |
| Med\_down | **-0.4** |
| Hard\_up | **-0.44** |
| Hard\_down | 0.2 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.56** |
| Easy\_down | **0.47** |
| Med\_up | **0.55** |
| Med\_down | **0.36** |
| Hard\_up | **0.72** |
| Hard\_down | **0.45** |

### Significant Correlation with HEXACO\_Sociability

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and HEXACO\_Sociability  
Canonical Variate 4 (R = -0.38, P < 0.01)

INIT\_DMN CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.38 |
| Easy\_down | 0.07 |
| Med\_up | 0.34 |
| Med\_down | 0.04 |
| Hard\_up | **0.72** |
| Hard\_down | **-0.79** |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.27 |
| Easy\_down | **-0.61** |
| Med\_up | **0.35** |
| Med\_down | **-0.44** |
| Hard\_up | -0.05 |
| Hard\_down | 0.28 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and HEXACO\_Sociability  
Canonical Variate 5 (R = 0.34, P < 0.01)

INIT\_DMN CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.16 |
| Easy\_down | **-0.3** |
| Med\_up | 0.05 |
| Med\_down | **-0.6** |
| Hard\_up | **-0.46** |
| Hard\_down | **0.5** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | **0.45** |
| Med\_up | 0.01 |
| Med\_down | 0.05 |
| Hard\_up | **-0.59** |
| Hard\_down | **0.69** |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and HEXACO\_Sociability  
Canonical Variate 5 (R = 0.41, P < 0.01)

INIT\_DMN CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.59** |
| Easy\_down | -0.27 |
| Med\_up | **-0.46** |
| Med\_down | **-0.3** |
| Hard\_up | **-0.52** |
| Hard\_down | 0.25 |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.56** |
| Easy\_down | **0.76** |
| Med\_up | 0.25 |
| Med\_down | **-0.41** |
| Hard\_up | 0.01 |
| Hard\_down | -0.09 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and HEXACO\_Sociability  
Canonical Variate 4 (R = -0.38, P < 0.01)

INIT\_DMN CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.27 |
| Easy\_down | **0.37** |
| Med\_up | **0.57** |
| Med\_down | 0.05 |
| Hard\_up | **0.73** |
| Hard\_down | **-0.49** |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.58** |
| Easy\_down | **-0.54** |
| Med\_up | **0.6** |
| Med\_down | -0.25 |
| Hard\_up | **0.62** |
| Hard\_down | -0.13 |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.1 |
| Easy\_down | 0.09 |
| Med\_up | 0.15 |
| Med\_down | **0.36** |
| Hard\_up | **0.63** |
| Hard\_down | -0.22 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and HEXACO\_Sociability  
Canonical Variate 6 (R = 0.37, P < 0.01)

INIT\_DMN CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.68** |
| Easy\_down | -0.22 |
| Med\_up | -0.29 |
| Med\_down | **-0.42** |
| Hard\_up | **-0.53** |
| Hard\_down | 0.24 |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.04 |
| Easy\_down | **0.54** |
| Med\_up | 0.15 |
| Med\_down | 0.26 |
| Hard\_up | **0.71** |
| Hard\_down | **-0.46** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.11 |
| Easy\_down | **0.51** |
| Med\_up | **0.3** |
| Med\_down | 0.1 |
| Hard\_up | **0.31** |
| Hard\_down | **0.41** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and HEXACO\_Sociability  
Canonical Variate 6 (R = 0.4, P < 0.01)

INIT\_DMN CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.51** |
| Easy\_down | -0.07 |
| Med\_up | **-0.53** |
| Med\_down | -0.18 |
| Hard\_up | **-0.48** |
| Hard\_down | **0.36** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.68** |
| Easy\_down | **0.48** |
| Med\_up | -0.23 |
| Med\_down | -0.24 |
| Hard\_up | **-0.42** |
| Hard\_down | 0.22 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.39** |
| Easy\_down | -0.16 |
| Med\_up | **-0.36** |
| Med\_down | **-0.45** |
| Hard\_up | **-0.33** |
| Hard\_down | **-0.51** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Sociability  
Canonical Variate 5 (R = 0.34, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | -0.11 |
| Med\_up | -0.04 |
| Med\_down | -0.1 |
| Hard\_up | **0.53** |
| Hard\_down | **-0.76** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.24** |
| Easy\_down | **0.43** |
| Med\_up | **-0.44** |
| Med\_down | **0.4** |
| Hard\_up | **0.34** |
| Hard\_down | **-0.4** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.26 |
| Easy\_down | 0.15 |
| Med\_up | -0.08 |
| Med\_down | 0.12 |
| Hard\_up | **-0.42** |
| Hard\_down | **0.7** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.02 |
| Easy\_down | **-0.78** |
| Med\_up | -0.37 |
| Med\_down | -0.33 |
| Hard\_up | **-0.62** |
| Hard\_down | 0.08 |

### Significant Correlation with HEXACO\_Agreeableness

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57

Significant correlation between CE\_RESP and HEXACO\_Agreeableness  
Canonical Variate 3 (R = 0.38, P < 0.01)

CE\_RESP CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.86** |
| Easy\_down | **0.52** |
| Med\_up | **-0.61** |
| Med\_down | -0.17 |
| Hard\_up | **-0.55** |
| Hard\_down | -0.11 |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | **-0.77** |
| Med\_up | **-0.59** |
| Med\_down | -0.33 |
| Hard\_up | -0.34 |
| Hard\_down | **-0.51** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and HEXACO\_Agreeableness  
Canonical Variate 5 (R = 0.4, P < 0.01)

CE\_RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.39** |
| Easy\_down | 0.17 |
| Med\_up | 0.23 |
| Med\_down | **-0.68** |
| Hard\_up | **-0.66** |
| Hard\_down | **0.47** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.35** |
| Easy\_down | **0.66** |
| Med\_up | 0.02 |
| Med\_down | 0.12 |
| Hard\_up | **0.43** |
| Hard\_down | -0.16 |

### Significant Correlation with HEXACO\_Forgiveness

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Forgiveness  
Canonical Variate 5 (R = -0.35, P < 0.01)

DMN\_AAR CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.4** |
| Easy\_down | **0.56** |
| Med\_up | 0.03 |
| Med\_down | 0.23 |
| Hard\_up | -0.13 |
| Hard\_down | 0.04 |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.47** |
| Easy\_down | 0.02 |
| Med\_up | **0.29** |
| Med\_down | 0.07 |
| Hard\_up | **0.54** |
| Hard\_down | 0.21 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Forgiveness  
Canonical Variate 5 (R = -0.37, P < 0.01)

DMN\_AAR CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.43** |
| Easy\_down | **0.4** |
| Med\_up | -0.04 |
| Med\_down | **0.3** |
| Hard\_up | 0.21 |
| Hard\_down | **-0.23** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.36** |
| Easy\_down | **0.36** |
| Med\_up | -0.24 |
| Med\_down | 0.18 |
| Hard\_up | **-0.7** |
| Hard\_down | **0.7** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.77** |
| Easy\_down | 0.23 |
| Med\_up | 0.33 |
| Med\_down | 0.11 |
| Hard\_up | 0.38 |
| Hard\_down | 0.34 |

### Significant Correlation with HEXACO\_Gentleness

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57

Significant correlation between CE\_RESP and HEXACO\_Gentleness  
Canonical Variate 3 (R = 0.34, P < 0.01)

CE\_RESP CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.86** |
| Easy\_down | **0.52** |
| Med\_up | **-0.61** |
| Med\_down | -0.17 |
| Hard\_up | **-0.55** |
| Hard\_down | -0.11 |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | **-0.77** |
| Med\_up | **-0.59** |
| Med\_down | -0.33 |
| Hard\_up | -0.34 |
| Hard\_down | **-0.51** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and HEXACO\_Gentleness  
Canonical Variate 5 (R = 0.35, P < 0.01)

CE\_RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.39** |
| Easy\_down | 0.17 |
| Med\_up | 0.23 |
| Med\_down | **-0.68** |
| Hard\_up | **-0.66** |
| Hard\_down | **0.47** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.35** |
| Easy\_down | **0.66** |
| Med\_up | 0.02 |
| Med\_down | 0.12 |
| Hard\_up | **0.43** |
| Hard\_down | -0.16 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between CE\_RESP and HEXACO\_Gentleness  
Canonical Variate 4 (R = -0.35, P < 0.01)

CE\_RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.41** |
| Easy\_down | -0.28 |
| Med\_up | -0.04 |
| Med\_down | **0.6** |
| Hard\_up | -0.02 |
| Hard\_down | **0.32** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.35 |
| Easy\_down | **0.67** |
| Med\_up | 0.22 |
| Med\_down | 0.1 |
| Hard\_up | -0.4 |
| Hard\_down | **0.85** |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.63** |
| Easy\_down | **-0.86** |
| Med\_up | 0.12 |
| Med\_down | -0.05 |
| Hard\_up | -0.17 |
| Hard\_down | 0.21 |

### Significant Correlation with HEXACO\_Flexibility

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between INIT\_DMN and HEXACO\_Flexibility  
Canonical Variate 6 (R = 0.35, P < 0.01)

INIT\_DMN CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.33 |
| Easy\_down | **-0.48** |
| Med\_up | 0.06 |
| Med\_down | **-0.82** |
| Hard\_up | -0.26 |
| Hard\_down | -0.11 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.6** |
| Easy\_down | **0.55** |
| Med\_up | -0.28 |
| Med\_down | 0.03 |
| Hard\_up | 0.26 |
| Hard\_down | **-0.69** |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.01 |
| Easy\_down | -0.28 |
| Med\_up | -0.34 |
| Med\_down | -0.22 |
| Hard\_up | **-0.74** |
| Hard\_down | 0.12 |

### Significant Correlation with HEXACO\_Patience

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57

Significant correlation between CE\_RESP and HEXACO\_Patience  
Canonical Variate 6 (R = -0.34, P < 0.01)

CE\_RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.24 |
| Easy\_down | -0.13 |
| Med\_up | **-0.49** |
| Med\_down | **0.47** |
| Hard\_up | 0.18 |
| Hard\_down | **-0.42** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.06 |
| Easy\_down | **-0.29** |
| Med\_up | **-0.42** |
| Med\_down | **0.46** |
| Hard\_up | **-0.46** |
| Hard\_down | 0.16 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between CE\_RESP and HEXACO\_Patience  
Canonical Variate 6 (R = -0.45, P < 0.01)

CE\_RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.72** |
| Easy\_down | **-0.49** |
| Med\_up | 0.1 |
| Med\_down | 0.13 |
| Hard\_up | **0.5** |
| Hard\_down | -0.29 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | **-0.43** |
| Med\_up | **-0.46** |
| Med\_down | 0.13 |
| Hard\_up | 0.21 |
| Hard\_down | **-0.46** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and HEXACO\_Patience  
Canonical Variate 6 (R = -0.36, P < 0.01)

CE\_RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.63** |
| Easy\_down | **-0.67** |
| Med\_up | -0.2 |
| Med\_down | 0.32 |
| Hard\_up | **0.4** |
| Hard\_down | **-0.39** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.64** |
| Easy\_down | -0.1 |
| Med\_up | -0.05 |
| Med\_down | 0.3 |
| Hard\_up | 0.01 |
| Hard\_down | 0.24 |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Patience  
Canonical Variate 6 (R = -0.37, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.09 |
| Easy\_down | 0.07 |
| Med\_up | **-0.17** |
| Med\_down | **-0.32** |
| Hard\_up | **-0.23** |
| Hard\_down | -0.01 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.12 |
| Easy\_down | **0.33** |
| Med\_up | **-0.31** |
| Med\_down | **0.41** |
| Hard\_up | **-0.21** |
| Hard\_down | 0.08 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between CE\_RESP and HEXACO\_Patience  
Canonical Variate 6 (R = 0.46, P < 0.01)

CE\_RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.22 |
| Easy\_down | -0.17 |
| Med\_up | **-0.29** |
| Med\_down | 0.22 |
| Hard\_up | **-0.56** |
| Hard\_down | **0.57** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.2** |
| Easy\_down | **0.28** |
| Med\_up | 0.12 |
| Med\_down | **-0.37** |
| Hard\_up | -0.14 |
| Hard\_down | **-0.2** |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | **0.79** |
| Med\_up | **0.42** |
| Med\_down | 0.35 |
| Hard\_up | 0.3 |
| Hard\_down | **0.4** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and HEXACO\_Patience  
Canonical Variate 1 (R = 0.36, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.34** |
| Easy\_down | -0.11 |
| Med\_up | -0.15 |
| Med\_down | 0.09 |
| Hard\_up | **-0.19** |
| Hard\_down | **-0.23** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.51** |
| Easy\_down | **0.53** |
| Med\_up | **-0.45** |
| Med\_down | 0.2 |
| Hard\_up | **-0.45** |
| Hard\_down | **0.33** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | **-0.47** |
| Med\_up | **0.4** |
| Med\_down | -0.2 |
| Hard\_up | **0.41** |
| Hard\_down | **-0.32** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and HEXACO\_Patience  
Canonical Variate 2 (R = -0.36, P < 0.01)

CE\_RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.0 |
| Easy\_down | -0.13 |
| Med\_up | 0.05 |
| Med\_down | **-0.59** |
| Hard\_up | -0.04 |
| Hard\_down | **-0.37** |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.78** |
| Easy\_down | -0.11 |
| Med\_up | 0.1 |
| Med\_down | **0.59** |
| Hard\_up | **0.81** |
| Hard\_down | -0.09 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.26 |
| Easy\_down | **-0.61** |
| Med\_up | -0.03 |
| Med\_down | 0.12 |
| Hard\_up | **0.35** |
| Hard\_down | **-0.37** |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.33 |
| Easy\_down | -0.24 |
| Med\_up | -0.06 |
| Med\_down | **-0.65** |
| Hard\_up | **-0.73** |
| Hard\_down | -0.07 |

### Significant Correlation with HEXACO\_Conscientiousness

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Conscientiousness  
Canonical Variate 6 (R = 0.35, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.16 |
| Easy\_down | **0.47** |
| Med\_up | **0.39** |
| Med\_down | **0.43** |
| Hard\_up | 0.01 |
| Hard\_down | **0.66** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.57** |
| Easy\_down | -0.38 |
| Med\_up | **0.81** |
| Med\_down | -0.3 |
| Hard\_up | 0.4 |
| Hard\_down | -0.0 |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.55** |
| Easy\_down | **0.53** |
| Med\_up | **0.73** |
| Med\_down | 0.07 |
| Hard\_up | **0.81** |
| Hard\_down | 0.14 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.35** |
| Easy\_down | -0.08 |
| Med\_up | 0.17 |
| Med\_down | **-0.53** |
| Hard\_up | **0.36** |
| Hard\_down | **-0.52** |

### Significant Correlation with HEXACO\_Diligence

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between DMN\_AAR and HEXACO\_Diligence  
Canonical Variate 4 (R = -0.35, P < 0.01)

DMN\_AAR CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.69** |
| Easy\_down | 0.15 |
| Med\_up | 0.27 |
| Med\_down | 0.29 |
| Hard\_up | **0.39** |
| Hard\_down | **0.49** |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | -0.07 |
| Med\_up | **0.49** |
| Med\_down | **-0.53** |
| Hard\_up | **-0.5** |
| Hard\_down | **0.61** |

### Significant Correlation with HEXACO\_Perfectionism

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57

Significant correlation between DMN\_AAR and HEXACO\_Perfectionism  
Canonical Variate 3 (R = -0.35, P < 0.01)

DMN\_AAR CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | **-0.77** |
| Med\_up | **-0.59** |
| Med\_down | -0.33 |
| Hard\_up | -0.34 |
| Hard\_down | **-0.51** |

CE\_RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.86** |
| Easy\_down | **0.52** |
| Med\_up | **-0.61** |
| Med\_down | -0.17 |
| Hard\_up | **-0.55** |
| Hard\_down | -0.11 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between DMN\_AAR and HEXACO\_Perfectionism  
Canonical Variate 6 (R = 0.4, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.02 |
| Easy\_down | **0.33** |
| Med\_up | 0.19 |
| Med\_down | **0.44** |
| Hard\_up | 0.0 |
| Hard\_down | **0.55** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.06 |
| Easy\_down | 0.21 |
| Med\_up | **0.81** |
| Med\_down | **-0.57** |
| Hard\_up | **0.48** |
| Hard\_down | -0.2 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between DMN\_AAR and HEXACO\_Perfectionism  
Canonical Variate 4 (R = 0.43, P < 0.01)

DMN\_AAR CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.35 |
| Easy\_down | **0.67** |
| Med\_up | 0.22 |
| Med\_down | 0.1 |
| Hard\_up | -0.4 |
| Hard\_down | **0.85** |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.41** |
| Easy\_down | -0.28 |
| Med\_up | -0.04 |
| Med\_down | **0.6** |
| Hard\_up | -0.02 |
| Hard\_down | **0.32** |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.63** |
| Easy\_down | **-0.86** |
| Med\_up | 0.12 |
| Med\_down | -0.05 |
| Hard\_up | -0.17 |
| Hard\_down | 0.21 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Perfectionism  
Canonical Variate 3 (R = -0.4, P < 0.01)

DMN\_AAR CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.25 |
| Easy\_down | -0.35 |
| Med\_up | -0.19 |
| Med\_down | 0.01 |
| Hard\_up | 0.28 |
| Hard\_down | **-0.74** |

EXT CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.47 |
| Easy\_down | **0.95** |
| Med\_up | 0.22 |
| Med\_down | 0.07 |
| Hard\_up | 0.28 |
| Hard\_down | 0.17 |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.28 |
| Easy\_down | 0.3 |
| Med\_up | 0.22 |
| Med\_down | -0.06 |
| Hard\_up | **-0.5** |
| Hard\_down | **0.8** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Perfectionism  
Canonical Variate 5 (R = 0.37, P < 0.01)

DMN\_AAR CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.26 |
| Easy\_down | 0.15 |
| Med\_up | -0.08 |
| Med\_down | 0.12 |
| Hard\_up | **-0.42** |
| Hard\_down | **0.7** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.24** |
| Easy\_down | **0.43** |
| Med\_up | **-0.44** |
| Med\_down | **0.4** |
| Hard\_up | **0.34** |
| Hard\_down | **-0.4** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.02 |
| Easy\_down | **-0.78** |
| Med\_up | -0.37 |
| Med\_down | -0.33 |
| Hard\_up | **-0.62** |
| Hard\_down | 0.08 |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | -0.11 |
| Med\_up | -0.04 |
| Med\_down | -0.1 |
| Hard\_up | **0.53** |
| Hard\_down | **-0.76** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Perfectionism  
Canonical Variate 6 (R = 0.38, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.16 |
| Easy\_down | **0.47** |
| Med\_up | **0.39** |
| Med\_down | **0.43** |
| Hard\_up | 0.01 |
| Hard\_down | **0.66** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.57** |
| Easy\_down | -0.38 |
| Med\_up | **0.81** |
| Med\_down | -0.3 |
| Hard\_up | 0.4 |
| Hard\_down | -0.0 |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.55** |
| Easy\_down | **0.53** |
| Med\_up | **0.73** |
| Med\_down | 0.07 |
| Hard\_up | **0.81** |
| Hard\_down | 0.14 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.35** |
| Easy\_down | -0.08 |
| Med\_up | 0.17 |
| Med\_down | **-0.53** |
| Hard\_up | **0.36** |
| Hard\_down | **-0.52** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Perfectionism  
Canonical Variate 3 (R = -0.36, P < 0.01)

DMN\_AAR CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.06 |
| Easy\_down | -0.13 |
| Med\_up | -0.06 |
| Med\_down | -0.09 |
| Hard\_up | 0.34 |
| Hard\_down | **-0.78** |

EXT CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.35 |
| Easy\_down | **0.83** |
| Med\_up | 0.23 |
| Med\_down | 0.2 |
| Hard\_up | **0.59** |
| Hard\_down | -0.14 |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.07 |
| Easy\_down | **0.56** |
| Med\_up | **0.65** |
| Med\_down | -0.22 |
| Hard\_up | 0.11 |
| Hard\_down | **0.34** |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | 0.25 |
| Med\_up | 0.23 |
| Med\_down | 0.15 |
| Hard\_up | -0.34 |
| Hard\_down | **0.88** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and HEXACO\_Perfectionism  
Canonical Variate 6 (R = -0.41, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.14 |
| Easy\_down | **-0.39** |
| Med\_up | -0.23 |
| Med\_down | **-0.33** |
| Hard\_up | 0.05 |
| Hard\_down | **-0.54** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.78** |
| Easy\_down | **0.56** |
| Med\_up | **-0.67** |
| Med\_down | 0.02 |
| Hard\_up | **-0.54** |
| Hard\_down | 0.0 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.16 |
| Easy\_down | **0.63** |
| Med\_up | 0.08 |
| Med\_down | 0.19 |
| Hard\_up | 0.06 |
| Hard\_down | 0.01 |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.51** |
| Easy\_down | **-0.59** |
| Med\_up | **-0.54** |
| Med\_down | -0.24 |
| Hard\_up | **-0.72** |
| Hard\_down | -0.32 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | -0.14 |
| Med\_up | -0.15 |
| Med\_down | 0.28 |
| Hard\_up | **-0.59** |
| Hard\_down | **0.58** |

### Significant Correlation with HEXACO\_Prudence

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Prudence  
Canonical Variate 4 (R = -0.36, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.28 |
| Easy\_down | **-0.4** |
| Med\_up | **-0.57** |
| Med\_down | 0.03 |
| Hard\_up | -0.26 |
| Hard\_down | -0.07 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.72** |
| Easy\_down | -0.08 |
| Med\_up | **0.87** |
| Med\_down | -0.07 |
| Hard\_up | **0.56** |
| Hard\_down | 0.19 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Prudence  
Canonical Variate 5 (R = -0.35, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.64** |
| Easy\_down | -0.15 |
| Med\_up | -0.23 |
| Med\_down | -0.24 |
| Hard\_up | **-0.39** |
| Hard\_down | 0.08 |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.02 |
| Easy\_down | **0.61** |
| Med\_up | 0.32 |
| Med\_down | 0.1 |
| Hard\_up | -0.2 |
| Hard\_down | **0.82** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.15 |
| Easy\_down | -0.38 |
| Med\_up | -0.09 |
| Med\_down | -0.42 |
| Hard\_up | 0.02 |
| Hard\_down | **-0.91** |

### Significant Correlation with HEXACO\_Openness\_to\_Experience

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between CE\_RESP and HEXACO\_Openness\_to\_Experience  
Canonical Variate 6 (R = -0.39, P < 0.01)

CE\_RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.72** |
| Easy\_down | **-0.49** |
| Med\_up | 0.1 |
| Med\_down | 0.13 |
| Hard\_up | **0.5** |
| Hard\_down | -0.29 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | **-0.43** |
| Med\_up | **-0.46** |
| Med\_down | 0.13 |
| Hard\_up | 0.21 |
| Hard\_down | **-0.46** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and HEXACO\_Openness\_to\_Experience  
Canonical Variate 1 (R = 0.35, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.01 |
| Easy\_down | **-0.29** |
| Med\_up | -0.2 |
| Med\_down | **0.46** |
| Hard\_up | 0.09 |
| Hard\_down | -0.06 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | 0.13 |
| Med\_up | **0.23** |
| Med\_down | 0.09 |
| Hard\_up | **-0.34** |
| Hard\_down | **0.26** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and HEXACO\_Openness\_to\_Experience  
Canonical Variate 1 (R = 0.35, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.35** |
| Easy\_down | 0.05 |
| Med\_up | 0.11 |
| Med\_down | -0.09 |
| Hard\_up | -0.12 |
| Hard\_down | **-0.24** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.21 |
| Easy\_down | **-0.44** |
| Med\_up | **0.26** |
| Med\_down | -0.17 |
| Hard\_up | **0.27** |
| Hard\_down | **-0.3** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and HEXACO\_Openness\_to\_Experience  
Canonical Variate 1 (R = 0.37, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.34** |
| Easy\_down | -0.11 |
| Med\_up | -0.15 |
| Med\_down | 0.09 |
| Hard\_up | **-0.19** |
| Hard\_down | **-0.23** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.51** |
| Easy\_down | **0.53** |
| Med\_up | **-0.45** |
| Med\_down | 0.2 |
| Hard\_up | **-0.45** |
| Hard\_down | **0.33** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | **-0.47** |
| Med\_up | **0.4** |
| Med\_down | -0.2 |
| Hard\_up | **0.41** |
| Hard\_down | **-0.32** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and HEXACO\_Openness\_to\_Experience  
Canonical Variate 2 (R = -0.37, P < 0.01)

CE\_RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | **0.28** |
| Med\_up | **-0.22** |
| Med\_down | **-0.17** |
| Hard\_up | **-0.32** |
| Hard\_down | -0.04 |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | -0.19 |
| Med\_up | 0.07 |
| Med\_down | **-0.47** |
| Hard\_up | -0.07 |
| Hard\_down | -0.16 |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.42** |
| Easy\_down | **0.29** |
| Med\_up | **-0.55** |
| Med\_down | 0.08 |
| Hard\_up | **-0.52** |
| Hard\_down | -0.14 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and HEXACO\_Openness\_to\_Experience  
Canonical Variate 1 (R = 0.38, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.34** |
| Easy\_down | -0.17 |
| Med\_up | -0.06 |
| Med\_down | -0.05 |
| Hard\_up | -0.1 |
| Hard\_down | **-0.35** |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.32** |
| Easy\_down | -0.17 |
| Med\_up | **0.46** |
| Med\_down | 0.12 |
| Hard\_up | -0.06 |
| Hard\_down | **0.28** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.03 |
| Easy\_down | **-0.38** |
| Med\_up | **0.62** |
| Med\_down | **-0.41** |
| Hard\_up | 0.23 |
| Hard\_down | -0.11 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and HEXACO\_Openness\_to\_Experience  
Canonical Variate 1 (R = 0.34, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.38** |
| Easy\_down | **-0.28** |
| Med\_up | **-0.25** |
| Med\_down | -0.05 |
| Hard\_up | -0.15 |
| Hard\_down | **-0.47** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.21 |
| Easy\_down | **0.41** |
| Med\_up | **-0.63** |
| Med\_down | **0.64** |
| Hard\_up | -0.05 |
| Hard\_down | 0.12 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.26** |
| Easy\_down | **-0.38** |
| Med\_up | **0.32** |
| Med\_down | 0.08 |
| Hard\_up | -0.18 |
| Hard\_down | **0.24** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.02 |
| Easy\_down | **-0.46** |
| Med\_up | **0.64** |
| Med\_down | **-0.55** |
| Hard\_up | 0.13 |
| Hard\_down | -0.15 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and HEXACO\_Openness\_to\_Experience  
Canonical Variate 2 (R = -0.35, P < 0.01)

CE\_RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.0 |
| Easy\_down | -0.13 |
| Med\_up | 0.05 |
| Med\_down | **-0.59** |
| Hard\_up | -0.04 |
| Hard\_down | **-0.37** |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.78** |
| Easy\_down | -0.11 |
| Med\_up | 0.1 |
| Med\_down | **0.59** |
| Hard\_up | **0.81** |
| Hard\_down | -0.09 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.26 |
| Easy\_down | **-0.61** |
| Med\_up | -0.03 |
| Med\_down | 0.12 |
| Hard\_up | **0.35** |
| Hard\_down | **-0.37** |

RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.33 |
| Easy\_down | -0.24 |
| Med\_up | -0.06 |
| Med\_down | **-0.65** |
| Hard\_up | **-0.73** |
| Hard\_down | -0.07 |

### Significant Correlation with HEXACO\_Aestheic\_Appreciation

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between CE\_RESP and HEXACO\_Aestheic\_Appreciation  
Canonical Variate 6 (R = -0.34, P < 0.01)

CE\_RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.72** |
| Easy\_down | **-0.49** |
| Med\_up | 0.1 |
| Med\_down | 0.13 |
| Hard\_up | **0.5** |
| Hard\_down | -0.29 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | **-0.43** |
| Med\_up | **-0.46** |
| Med\_down | 0.13 |
| Hard\_up | 0.21 |
| Hard\_down | **-0.46** |

### Significant Correlation with HEXACO\_Inquisitiveness

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and HEXACO\_Inquisitiveness  
Canonical Variate 1 (R = 0.4, P < 0.01)

INIT\_DMN CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | 0.13 |
| Med\_up | **0.23** |
| Med\_down | 0.09 |
| Hard\_up | **-0.34** |
| Hard\_down | **0.26** |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.01 |
| Easy\_down | **-0.29** |
| Med\_up | -0.2 |
| Med\_down | **0.46** |
| Hard\_up | 0.09 |
| Hard\_down | -0.06 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and HEXACO\_Inquisitiveness  
Canonical Variate 1 (R = 0.35, P < 0.01)

INIT\_DMN CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | **-0.35** |
| Med\_up | **0.24** |
| Med\_down | 0.0 |
| Hard\_up | **-0.41** |
| Hard\_down | **0.26** |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.32** |
| Easy\_down | **-0.34** |
| Med\_up | **-0.46** |
| Med\_down | 0.17 |
| Hard\_up | -0.09 |
| Hard\_down | **-0.46** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.53** |
| Easy\_down | 0.33 |
| Med\_up | **-0.76** |
| Med\_down | **0.5** |
| Hard\_up | -0.18 |
| Hard\_down | -0.09 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between INIT\_DMN and HEXACO\_Inquisitiveness  
Canonical Variate 1 (R = 0.37, P < 0.01)

INIT\_DMN CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.32** |
| Easy\_down | -0.17 |
| Med\_up | **0.46** |
| Med\_down | 0.12 |
| Hard\_up | -0.06 |
| Hard\_down | **0.28** |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.34** |
| Easy\_down | -0.17 |
| Med\_up | -0.06 |
| Med\_down | -0.05 |
| Hard\_up | -0.1 |
| Hard\_down | **-0.35** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.03 |
| Easy\_down | **-0.38** |
| Med\_up | **0.62** |
| Med\_down | **-0.41** |
| Hard\_up | 0.23 |
| Hard\_down | -0.11 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and HEXACO\_Inquisitiveness  
Canonical Variate 6 (R = -0.36, P < 0.01)

INIT\_DMN CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.51** |
| Easy\_down | -0.07 |
| Med\_up | **-0.53** |
| Med\_down | -0.18 |
| Hard\_up | **-0.48** |
| Hard\_down | **0.36** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.68** |
| Easy\_down | **0.48** |
| Med\_up | -0.23 |
| Med\_down | -0.24 |
| Hard\_up | **-0.42** |
| Hard\_down | 0.22 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.39** |
| Easy\_down | -0.16 |
| Med\_up | **-0.36** |
| Med\_down | **-0.45** |
| Hard\_up | **-0.33** |
| Hard\_down | **-0.51** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Inquisitiveness  
Canonical Variate 6 (R = -0.38, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.29** |
| Easy\_down | **-0.22** |
| Med\_up | **-0.2** |
| Med\_down | **-0.3** |
| Hard\_up | 0.13 |
| Hard\_down | **-0.37** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.64** |
| Easy\_down | 0.13 |
| Med\_up | **0.49** |
| Med\_down | **0.38** |
| Hard\_up | 0.16 |
| Hard\_down | **0.56** |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.28 |
| Easy\_down | 0.1 |
| Med\_up | 0.39 |
| Med\_down | 0.11 |
| Hard\_up | -0.2 |
| Hard\_down | **0.93** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and HEXACO\_Inquisitiveness  
Canonical Variate 6 (R = 0.35, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | -0.07 |
| Med\_up | -0.13 |
| Med\_down | **0.39** |
| Hard\_up | **-0.43** |
| Hard\_down | **0.42** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.65** |
| Easy\_down | **0.48** |
| Med\_up | **-0.72** |
| Med\_down | 0.27 |
| Hard\_up | -0.18 |
| Hard\_down | **-0.36** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.42** |
| Easy\_down | -0.17 |
| Med\_up | -0.31 |
| Med\_down | **-0.5** |
| Hard\_up | -0.02 |
| Hard\_down | **-0.66** |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.31 |
| Easy\_down | 0.23 |
| Med\_up | -0.15 |
| Med\_down | -0.03 |
| Hard\_up | 0.27 |
| Hard\_down | **-0.78** |

### Significant Correlation with HEXACO\_Unconventionality

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57

Significant correlation between CE\_RESP and HEXACO\_Unconventionality  
Canonical Variate 1 (R = 0.37, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.23** |
| Easy\_down | **-0.36** |
| Med\_up | **-0.44** |
| Med\_down | **0.28** |
| Hard\_up | -0.05 |
| Hard\_down | **-0.37** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.82** |
| Easy\_down | **0.47** |
| Med\_up | **-0.57** |
| Med\_down | 0.16 |
| Hard\_up | -0.38 |
| Hard\_down | -0.04 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and HEXACO\_Unconventionality  
Canonical Variate 1 (R = 0.35, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.01 |
| Easy\_down | **-0.29** |
| Med\_up | -0.2 |
| Med\_down | **0.46** |
| Hard\_up | 0.09 |
| Hard\_down | -0.06 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | 0.13 |
| Med\_up | **0.23** |
| Med\_down | 0.09 |
| Hard\_up | **-0.34** |
| Hard\_down | **0.26** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and HEXACO\_Unconventionality  
Canonical Variate 1 (R = 0.37, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.32** |
| Easy\_down | **-0.34** |
| Med\_up | **-0.46** |
| Med\_down | 0.17 |
| Hard\_up | -0.09 |
| Hard\_down | **-0.46** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.53** |
| Easy\_down | 0.33 |
| Med\_up | **-0.76** |
| Med\_down | **0.5** |
| Hard\_up | -0.18 |
| Hard\_down | -0.09 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | **-0.35** |
| Med\_up | **0.24** |
| Med\_down | 0.0 |
| Hard\_up | **-0.41** |
| Hard\_down | **0.26** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and HEXACO\_Unconventionality  
Canonical Variate 2 (R = -0.35, P < 0.01)

CE\_RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | 0.19 |
| Med\_up | **0.25** |
| Med\_down | **-0.4** |
| Hard\_up | **-0.35** |
| Hard\_down | **0.23** |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.23 |
| Easy\_down | -0.31 |
| Med\_up | 0.37 |
| Med\_down | **-0.76** |
| Hard\_up | -0.17 |
| Hard\_down | 0.14 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.01 |
| Easy\_down | **0.34** |
| Med\_up | **-0.29** |
| Med\_down | **0.42** |
| Hard\_up | **0.52** |
| Hard\_down | -0.08 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and HEXACO\_Unconventionality  
Canonical Variate 1 (R = 0.35, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.34** |
| Easy\_down | -0.17 |
| Med\_up | -0.06 |
| Med\_down | -0.05 |
| Hard\_up | -0.1 |
| Hard\_down | **-0.35** |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.32** |
| Easy\_down | -0.17 |
| Med\_up | **0.46** |
| Med\_down | 0.12 |
| Hard\_up | -0.06 |
| Hard\_down | **0.28** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.03 |
| Easy\_down | **-0.38** |
| Med\_up | **0.62** |
| Med\_down | **-0.41** |
| Hard\_up | 0.23 |
| Hard\_down | -0.11 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and HEXACO\_Unconventionality  
Canonical Variate 1 (R = 0.35, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.38** |
| Easy\_down | **-0.28** |
| Med\_up | **-0.25** |
| Med\_down | -0.05 |
| Hard\_up | -0.15 |
| Hard\_down | **-0.47** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.21 |
| Easy\_down | **0.41** |
| Med\_up | **-0.63** |
| Med\_down | **0.64** |
| Hard\_up | -0.05 |
| Hard\_down | 0.12 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.26** |
| Easy\_down | **-0.38** |
| Med\_up | **0.32** |
| Med\_down | 0.08 |
| Hard\_up | -0.18 |
| Hard\_down | **0.24** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.02 |
| Easy\_down | **-0.46** |
| Med\_up | **0.64** |
| Med\_down | **-0.55** |
| Hard\_up | 0.13 |
| Hard\_down | -0.15 |

### Significant Correlation with POMS\_Vigor

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and POMS\_Vigor  
Canonical Variate 6 (R = 0.37, P < 0.01)

EXT CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | **-0.43** |
| Med\_up | **-0.46** |
| Med\_down | 0.13 |
| Hard\_up | 0.21 |
| Hard\_down | **-0.46** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.72** |
| Easy\_down | **-0.49** |
| Med\_up | 0.1 |
| Med\_down | 0.13 |
| Hard\_up | **0.5** |
| Hard\_down | -0.29 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 4 (R = -0.45, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.28 |
| Easy\_down | **-0.4** |
| Med\_up | **-0.57** |
| Med\_down | 0.03 |
| Hard\_up | -0.26 |
| Hard\_down | -0.07 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.72** |
| Easy\_down | -0.08 |
| Med\_up | **0.87** |
| Med\_down | -0.07 |
| Hard\_up | **0.56** |
| Hard\_down | 0.19 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 6 (R = -0.37, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.81** |
| Easy\_down | -0.24 |
| Med\_up | -0.34 |
| Med\_down | **-0.41** |
| Hard\_up | -0.25 |
| Hard\_down | **-0.45** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.74** |
| Easy\_down | -0.06 |
| Med\_up | 0.35 |
| Med\_down | 0.25 |
| Hard\_up | -0.01 |
| Hard\_down | **0.53** |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 3 (R = -0.34, P < 0.01)

RESP CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.07 |
| Easy\_down | **0.25** |
| Med\_up | **0.37** |
| Med\_down | 0.01 |
| Hard\_up | 0.22 |
| Hard\_down | **0.45** |

EXT CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.11 |
| Easy\_down | **0.59** |
| Med\_up | 0.09 |
| Med\_down | **0.42** |
| Hard\_up | 0.12 |
| Hard\_down | **0.55** |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 4 (R = 0.36, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.34 |
| Easy\_down | **0.58** |
| Med\_up | **0.54** |
| Med\_down | -0.01 |
| Hard\_up | **0.76** |
| Hard\_down | -0.13 |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | **-0.56** |
| Med\_up | **-0.82** |
| Med\_down | **0.46** |
| Hard\_up | -0.3 |
| Hard\_down | -0.1 |

#### C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 3 (R = 0.36, P < 0.01)

RESP CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.86** |
| Easy\_down | 0.01 |
| Med\_up | 0.14 |
| Med\_down | **0.49** |
| Hard\_up | **0.78** |
| Hard\_down | -0.13 |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.27 |
| Easy\_down | -0.07 |
| Med\_up | -0.42 |
| Med\_down | 0.07 |
| Hard\_up | **-0.86** |
| Hard\_down | **0.74** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 5 (R = -0.35, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | -0.17 |
| Med\_up | -0.1 |
| Med\_down | 0.34 |
| Hard\_up | -0.3 |
| Hard\_down | **0.7** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.33 |
| Easy\_down | **-0.43** |
| Med\_up | 0.14 |
| Med\_down | 0.11 |
| Hard\_up | -0.3 |
| Hard\_down | **0.78** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.16 |
| Easy\_down | 0.15 |
| Med\_up | 0.26 |
| Med\_down | -0.19 |
| Hard\_up | **0.46** |
| Hard\_down | **-0.55** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 5 (R = 0.39, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.07 |
| Easy\_down | **0.64** |
| Med\_up | **0.33** |
| Med\_down | 0.11 |
| Hard\_up | **0.63** |
| Hard\_down | -0.23 |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.79** |
| Easy\_down | **0.61** |
| Med\_up | **-0.56** |
| Med\_down | 0.02 |
| Hard\_up | -0.24 |
| Hard\_down | **-0.47** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.43** |
| Easy\_down | -0.18 |
| Med\_up | 0.18 |
| Med\_down | -0.16 |
| Hard\_up | -0.3 |
| Hard\_down | **0.69** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 6 (R = 0.42, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.19 |
| Easy\_down | **0.62** |
| Med\_up | **0.42** |
| Med\_down | -0.03 |
| Hard\_up | -0.06 |
| Hard\_down | **0.32** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.28 |
| Easy\_down | **-0.67** |
| Med\_up | **-0.4** |
| Med\_down | 0.18 |
| Hard\_up | **-0.54** |
| Hard\_down | **0.38** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.33 |
| Easy\_down | 0.42 |
| Med\_up | -0.16 |
| Med\_down | **0.93** |
| Hard\_up | 0.29 |
| Hard\_down | 0.13 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 6 (R = -0.41, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.23** |
| Easy\_down | **-0.22** |
| Med\_up | 0.0 |
| Med\_down | **-0.3** |
| Hard\_up | **0.16** |
| Hard\_down | **-0.15** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.29** |
| Easy\_down | **0.45** |
| Med\_up | **0.33** |
| Med\_down | **0.35** |
| Hard\_up | 0.0 |
| Hard\_down | **0.41** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.27 |
| Easy\_down | -0.08 |
| Med\_up | **0.61** |
| Med\_down | **-0.57** |
| Hard\_up | **0.45** |
| Hard\_down | 0.06 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 5 (R = -0.51, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.64** |
| Easy\_down | -0.15 |
| Med\_up | -0.23 |
| Med\_down | -0.24 |
| Hard\_up | **-0.39** |
| Hard\_down | 0.08 |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.02 |
| Easy\_down | **0.61** |
| Med\_up | 0.32 |
| Med\_down | 0.1 |
| Hard\_up | -0.2 |
| Hard\_down | **0.82** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.15 |
| Easy\_down | -0.38 |
| Med\_up | -0.09 |
| Med\_down | -0.42 |
| Hard\_up | 0.02 |
| Hard\_down | **-0.91** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 5 (R = 0.41, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.29** |
| Easy\_down | 0.08 |
| Med\_up | 0.06 |
| Med\_down | -0.18 |
| Hard\_up | **0.24** |
| Hard\_down | **-0.44** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.18 |
| Easy\_down | -0.13 |
| Med\_up | **-0.61** |
| Med\_down | **0.53** |
| Hard\_up | 0.25 |
| Hard\_down | -0.3 |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.27** |
| Easy\_down | 0.07 |
| Med\_up | **-0.2** |
| Med\_down | **0.3** |
| Hard\_up | -0.15 |
| Hard\_down | **0.37** |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.14 |
| Easy\_down | **-0.86** |
| Med\_up | **-0.59** |
| Med\_down | 0.1 |
| Hard\_up | -0.27 |
| Hard\_down | **-0.5** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 5 (R = 0.36, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | -0.11 |
| Med\_up | -0.04 |
| Med\_down | -0.1 |
| Hard\_up | **0.53** |
| Hard\_down | **-0.76** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.24** |
| Easy\_down | **0.43** |
| Med\_up | **-0.44** |
| Med\_down | **0.4** |
| Hard\_up | **0.34** |
| Hard\_down | **-0.4** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.26 |
| Easy\_down | 0.15 |
| Med\_up | -0.08 |
| Med\_down | 0.12 |
| Hard\_up | **-0.42** |
| Hard\_down | **0.7** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.02 |
| Easy\_down | **-0.78** |
| Med\_up | -0.37 |
| Med\_down | -0.33 |
| Hard\_up | **-0.62** |
| Hard\_down | 0.08 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and POMS\_Vigor  
Canonical Variate 6 (R = -0.35, P < 0.01)

EXT CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **0.63** |
| Med\_up | **0.67** |
| Med\_down | -0.15 |
| Hard\_up | 0.1 |
| Hard\_down | **0.51** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.43** |
| Easy\_down | **-0.35** |
| Med\_up | **0.52** |
| Med\_down | **-0.44** |
| Hard\_up | **0.34** |
| Hard\_down | 0.12 |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.3 |
| Easy\_down | -0.22 |
| Med\_up | -0.27 |
| Med\_down | 0.01 |
| Hard\_up | 0.29 |
| Hard\_down | **-0.85** |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.17 |
| Easy\_down | **-0.43** |
| Med\_up | -0.26 |
| Med\_down | **-0.32** |
| Hard\_up | **-0.61** |
| Hard\_down | 0.19 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Vigor  
Canonical Variate 6 (R = -0.39, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.17 |
| Easy\_down | **-0.43** |
| Med\_up | -0.26 |
| Med\_down | **-0.32** |
| Hard\_up | **-0.61** |
| Hard\_down | 0.19 |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.43** |
| Easy\_down | **-0.35** |
| Med\_up | **0.52** |
| Med\_down | **-0.44** |
| Hard\_up | **0.34** |
| Hard\_down | 0.12 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **0.63** |
| Med\_up | **0.67** |
| Med\_down | -0.15 |
| Hard\_up | 0.1 |
| Hard\_down | **0.51** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.3 |
| Easy\_down | -0.22 |
| Med\_up | -0.27 |
| Med\_down | 0.01 |
| Hard\_up | 0.29 |
| Hard\_down | **-0.85** |

### Significant Correlation with POMS\_Tension

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Tension  
Canonical Variate 2 (R = 0.4, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.71** |
| Easy\_down | -0.17 |
| Med\_up | **-0.51** |
| Med\_down | -0.2 |
| Hard\_up | **-0.61** |
| Hard\_down | **-0.42** |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.26** |
| Easy\_down | 0.2 |
| Med\_up | -0.18 |
| Med\_down | **-0.27** |
| Hard\_up | -0.24 |
| Hard\_down | **-0.5** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between DMN\_AAR and POMS\_Tension  
Canonical Variate 6 (R = -0.35, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.28 |
| Easy\_down | **0.74** |
| Med\_up | 0.3 |
| Med\_down | -0.0 |
| Hard\_up | **-0.4** |
| Hard\_down | **0.69** |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.19 |
| Easy\_down | 0.08 |
| Med\_up | 0.16 |
| Med\_down | **-0.65** |
| Hard\_up | -0.03 |
| Hard\_down | 0.03 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Tension  
Canonical Variate 5 (R = -0.35, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.47** |
| Easy\_down | 0.02 |
| Med\_up | **0.29** |
| Med\_down | 0.07 |
| Hard\_up | **0.54** |
| Hard\_down | 0.21 |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.4** |
| Easy\_down | **0.56** |
| Med\_up | 0.03 |
| Med\_down | 0.23 |
| Hard\_up | -0.13 |
| Hard\_down | 0.04 |

#### C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Tension  
Canonical Variate 2 (R = 0.36, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.72** |
| Easy\_down | **0.62** |
| Med\_up | -0.19 |
| Med\_down | -0.03 |
| Hard\_up | **-0.37** |
| Hard\_down | 0.07 |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | 0.21 |
| Med\_up | 0.22 |
| Med\_down | **-0.48** |
| Hard\_up | 0.02 |
| Hard\_down | 0.14 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Tension  
Canonical Variate 4 (R = 0.38, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.77** |
| Easy\_down | -0.17 |
| Med\_up | -0.19 |
| Med\_down | -0.34 |
| Hard\_up | **-0.74** |
| Hard\_down | -0.1 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.45** |
| Easy\_down | **0.28** |
| Med\_up | -0.12 |
| Med\_down | **-0.49** |
| Hard\_up | **-0.44** |
| Hard\_down | **-0.4** |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.69** |
| Easy\_down | **-0.45** |
| Med\_up | -0.15 |
| Med\_down | 0.12 |
| Hard\_up | 0.23 |
| Hard\_down | -0.16 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Tension  
Canonical Variate 2 (R = 0.36, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.42** |
| Easy\_down | **0.29** |
| Med\_up | **-0.55** |
| Med\_down | 0.08 |
| Hard\_up | **-0.52** |
| Hard\_down | -0.14 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.13 |
| Easy\_down | **0.28** |
| Med\_up | **-0.22** |
| Med\_down | **-0.17** |
| Hard\_up | **-0.32** |
| Hard\_down | -0.04 |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | -0.19 |
| Med\_up | 0.07 |
| Med\_down | **-0.47** |
| Hard\_up | -0.07 |
| Hard\_down | -0.16 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Tension  
Canonical Variate 2 (R = 0.37, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.69** |
| Easy\_down | -0.33 |
| Med\_up | -0.24 |
| Med\_down | **-0.57** |
| Hard\_up | **-0.6** |
| Hard\_down | **-0.52** |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.38** |
| Easy\_down | 0.07 |
| Med\_up | -0.14 |
| Med\_down | **-0.57** |
| Hard\_up | **-0.32** |
| Hard\_down | **-0.61** |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.31** |
| Easy\_down | **-0.44** |
| Med\_up | 0.04 |
| Med\_down | 0.19 |
| Hard\_up | **0.4** |
| Hard\_down | -0.08 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Tension  
Canonical Variate 5 (R = -0.45, P < 0.01)

RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.79** |
| Easy\_down | -0.03 |
| Med\_up | 0.34 |
| Med\_down | 0.39 |
| Hard\_up | **0.76** |
| Hard\_down | 0.21 |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.75** |
| Easy\_down | **0.55** |
| Med\_up | -0.16 |
| Med\_down | -0.02 |
| Hard\_up | **-0.43** |
| Hard\_down | 0.02 |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.03 |
| Easy\_down | -0.04 |
| Med\_up | **-0.41** |
| Med\_down | **0.8** |
| Hard\_up | 0.28 |
| Hard\_down | -0.21 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Tension  
Canonical Variate 3 (R = -0.43, P < 0.01)

RESP CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.86** |
| Easy\_down | -0.07 |
| Med\_up | 0.28 |
| Med\_down | **0.47** |
| Hard\_up | **0.55** |
| Hard\_down | 0.42 |

EXT CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.24 |
| Easy\_down | 0.18 |
| Med\_up | -0.21 |
| Med\_down | **0.93** |
| Hard\_up | 0.37 |
| Hard\_down | -0.02 |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.27 |
| Easy\_down | -0.14 |
| Med\_up | 0.06 |
| Med\_down | **-0.4** |
| Hard\_up | **-0.73** |
| Hard\_down | 0.22 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Tension  
Canonical Variate 2 (R = -0.4, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.8** |
| Easy\_down | -0.32 |
| Med\_up | 0.16 |
| Med\_down | 0.26 |
| Hard\_up | 0.34 |
| Hard\_down | 0.31 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.43** |
| Easy\_down | **-0.32** |
| Med\_up | 0.14 |
| Med\_down | **0.48** |
| Hard\_up | **0.53** |
| Hard\_down | 0.19 |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.39** |
| Easy\_down | **0.73** |
| Med\_up | 0.29 |
| Med\_down | 0.08 |
| Hard\_up | **0.45** |
| Hard\_down | -0.17 |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | 0.14 |
| Med\_up | 0.12 |
| Med\_down | **0.45** |
| Hard\_up | **0.55** |
| Hard\_down | **-0.29** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Tension  
Canonical Variate 2 (R = 0.43, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.76** |
| Easy\_down | 0.08 |
| Med\_up | **-0.42** |
| Med\_down | -0.32 |
| Hard\_up | **-0.56** |
| Hard\_down | **-0.41** |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.23 |
| Easy\_down | 0.16 |
| Med\_up | -0.01 |
| Med\_down | **-0.54** |
| Hard\_up | **-0.35** |
| Hard\_down | **-0.3** |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.24 |
| Easy\_down | -0.16 |
| Med\_up | 0.05 |
| Med\_down | **-0.82** |
| Hard\_up | **-0.43** |
| Hard\_down | 0.01 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.21 |
| Easy\_down | -0.02 |
| Med\_up | -0.13 |
| Med\_down | 0.24 |
| Hard\_up | **0.55** |
| Hard\_down | -0.14 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and POMS\_Tension  
Canonical Variate 6 (R = -0.36, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.62** |
| Easy\_down | **0.65** |
| Med\_up | 0.1 |
| Med\_down | **-0.34** |
| Hard\_up | **-0.48** |
| Hard\_down | **0.36** |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.45** |
| Easy\_down | -0.0 |
| Med\_up | 0.03 |
| Med\_down | **-0.73** |
| Hard\_up | 0.03 |
| Hard\_down | **-0.4** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.07 |
| Easy\_down | **0.56** |
| Med\_up | **0.42** |
| Med\_down | 0.06 |
| Hard\_up | **0.4** |
| Hard\_down | **0.58** |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.26** |
| Easy\_down | -0.01 |
| Med\_up | 0.06 |
| Med\_down | 0.13 |
| Hard\_up | **0.38** |
| Hard\_down | **-0.43** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Tension  
Canonical Variate 4 (R = 0.42, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.83** |
| Easy\_down | 0.23 |
| Med\_up | -0.14 |
| Med\_down | **-0.51** |
| Hard\_up | **-0.79** |
| Hard\_down | 0.05 |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.85** |
| Easy\_down | **-0.6** |
| Med\_up | 0.13 |
| Med\_down | 0.22 |
| Hard\_up | **0.58** |
| Hard\_down | -0.31 |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.28 |
| Easy\_down | 0.12 |
| Med\_up | 0.37 |
| Med\_down | **-0.9** |
| Hard\_up | -0.27 |
| Hard\_down | 0.21 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.46** |
| Easy\_down | 0.01 |
| Med\_up | 0.16 |
| Med\_down | 0.28 |
| Hard\_up | **0.87** |
| Hard\_down | -0.42 |

### Significant Correlation with POMS\_Anger

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between INIT\_DMN and POMS\_Anger  
Canonical Variate 1 (R = -0.34, P < 0.01)

INIT\_DMN CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.57** |
| Easy\_down | **-0.33** |
| Med\_up | **0.54** |
| Med\_down | 0.11 |
| Hard\_up | **0.39** |
| Hard\_down | 0.22 |

CE\_RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.43** |
| Easy\_down | -0.22 |
| Med\_up | -0.01 |
| Med\_down | **-0.64** |
| Hard\_up | -0.18 |
| Hard\_down | **-0.79** |

EXT CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.83** |
| Easy\_down | 0.03 |
| Med\_up | -0.33 |
| Med\_down | **-0.46** |
| Hard\_up | **-0.58** |
| Hard\_down | -0.0 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Anger  
Canonical Variate 4 (R = 0.34, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.83** |
| Easy\_down | 0.23 |
| Med\_up | -0.14 |
| Med\_down | **-0.51** |
| Hard\_up | **-0.79** |
| Hard\_down | 0.05 |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.85** |
| Easy\_down | **-0.6** |
| Med\_up | 0.13 |
| Med\_down | 0.22 |
| Hard\_up | **0.58** |
| Hard\_down | -0.31 |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.28 |
| Easy\_down | 0.12 |
| Med\_up | 0.37 |
| Med\_down | **-0.9** |
| Hard\_up | -0.27 |
| Hard\_down | 0.21 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.46** |
| Easy\_down | 0.01 |
| Med\_up | 0.16 |
| Med\_down | 0.28 |
| Hard\_up | **0.87** |
| Hard\_down | -0.42 |

### Significant Correlation with POMS\_Fatigue

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between DMN\_AAR and POMS\_Fatigue  
Canonical Variate 6 (R = -0.37, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.28 |
| Easy\_down | **0.74** |
| Med\_up | 0.3 |
| Med\_down | -0.0 |
| Hard\_up | **-0.4** |
| Hard\_down | **0.69** |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.19 |
| Easy\_down | 0.08 |
| Med\_up | 0.16 |
| Med\_down | **-0.65** |
| Hard\_up | -0.03 |
| Hard\_down | 0.03 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between DMN\_AAR and POMS\_Fatigue  
Canonical Variate 4 (R = -0.36, P < 0.01)

DMN\_AAR CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.35 |
| Easy\_down | **0.67** |
| Med\_up | 0.22 |
| Med\_down | 0.1 |
| Hard\_up | -0.4 |
| Hard\_down | **0.85** |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.41** |
| Easy\_down | -0.28 |
| Med\_up | -0.04 |
| Med\_down | **0.6** |
| Hard\_up | -0.02 |
| Hard\_down | **0.32** |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.63** |
| Easy\_down | **-0.86** |
| Med\_up | 0.12 |
| Med\_down | -0.05 |
| Hard\_up | -0.17 |
| Hard\_down | 0.21 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and POMS\_Fatigue  
Canonical Variate 3 (R = 0.35, P < 0.01)

DMN\_AAR CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.49** |
| Easy\_down | -0.36 |
| Med\_up | 0.1 |
| Med\_down | 0.08 |
| Hard\_up | **0.73** |
| Hard\_down | **-0.76** |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.02 |
| Easy\_down | **0.42** |
| Med\_up | 0.14 |
| Med\_down | 0.37 |
| Hard\_up | **0.76** |
| Hard\_down | **-0.56** |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.26 |
| Easy\_down | 0.16 |
| Med\_up | -0.09 |
| Med\_down | -0.12 |
| Hard\_up | **-0.83** |
| Hard\_down | **0.71** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Fatigue  
Canonical Variate 3 (R = 0.36, P < 0.01)

RESP CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.26 |
| Easy\_down | 0.16 |
| Med\_up | -0.09 |
| Med\_down | -0.12 |
| Hard\_up | **-0.83** |
| Hard\_down | **0.71** |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.49** |
| Easy\_down | -0.36 |
| Med\_up | 0.1 |
| Med\_down | 0.08 |
| Hard\_up | **0.73** |
| Hard\_down | **-0.76** |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.02 |
| Easy\_down | **0.42** |
| Med\_up | 0.14 |
| Med\_down | 0.37 |
| Hard\_up | **0.76** |
| Hard\_down | **-0.56** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and POMS\_Fatigue  
Canonical Variate 3 (R = 0.38, P < 0.01)

DMN\_AAR CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.41** |
| Easy\_down | **-0.39** |
| Med\_up | -0.22 |
| Med\_down | **0.45** |
| Hard\_up | **0.62** |
| Hard\_down | **-0.64** |

CE\_RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.11 |
| Easy\_down | -0.22 |
| Med\_up | 0.12 |
| Med\_down | **-0.46** |
| Hard\_up | **0.28** |
| Hard\_down | **-0.35** |

EXT CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.84** |
| Easy\_down | **0.71** |
| Med\_up | -0.22 |
| Med\_down | -0.1 |
| Hard\_up | 0.06 |
| Hard\_down | -0.26 |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.22 |
| Easy\_down | **0.39** |
| Med\_up | 0.27 |
| Med\_down | **-0.48** |
| Hard\_up | **-0.6** |
| Hard\_down | **0.52** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between DMN\_AAR and POMS\_Fatigue  
Canonical Variate 6 (R = -0.35, P < 0.01)

DMN\_AAR CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.62** |
| Easy\_down | **0.65** |
| Med\_up | 0.1 |
| Med\_down | **-0.34** |
| Hard\_up | **-0.48** |
| Hard\_down | **0.36** |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.45** |
| Easy\_down | -0.0 |
| Med\_up | 0.03 |
| Med\_down | **-0.73** |
| Hard\_up | 0.03 |
| Hard\_down | **-0.4** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.07 |
| Easy\_down | **0.56** |
| Med\_up | **0.42** |
| Med\_down | 0.06 |
| Hard\_up | **0.4** |
| Hard\_down | **0.58** |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.26** |
| Easy\_down | -0.01 |
| Med\_up | 0.06 |
| Med\_down | 0.13 |
| Hard\_up | **0.38** |
| Hard\_down | **-0.43** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Fatigue  
Canonical Variate 4 (R = -0.37, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | -0.18 |
| Med\_up | -0.16 |
| Med\_down | 0.26 |
| Hard\_up | **0.53** |
| Hard\_down | **-0.64** |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.37** |
| Easy\_down | **0.29** |
| Med\_up | **-0.31** |
| Med\_down | 0.25 |
| Hard\_up | **-0.51** |
| Hard\_down | 0.12 |

DMN\_AAR CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.39 |
| Easy\_down | 0.13 |
| Med\_up | -0.11 |
| Med\_down | -0.33 |
| Hard\_up | **-0.82** |
| Hard\_down | **0.61** |

EXT CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.42** |
| Easy\_down | **-0.69** |
| Med\_up | -0.16 |
| Med\_down | -0.14 |
| Hard\_up | **-0.56** |
| Hard\_down | 0.3 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.19 |
| Easy\_down | 0.17 |
| Med\_up | **-0.66** |
| Med\_down | **0.4** |
| Hard\_up | **-0.58** |
| Hard\_down | **0.5** |

### Significant Correlation with POMS\_Depression

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and POMS\_Depression  
Canonical Variate 6 (R = 0.36, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.81** |
| Easy\_down | -0.24 |
| Med\_up | -0.34 |
| Med\_down | **-0.41** |
| Hard\_up | -0.25 |
| Hard\_down | **-0.45** |

DMN\_AAR CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.74** |
| Easy\_down | -0.06 |
| Med\_up | 0.35 |
| Med\_down | 0.25 |
| Hard\_up | -0.01 |
| Hard\_down | **0.53** |

### Significant Correlation with GritScale

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and GritScale  
Canonical Variate 4 (R = 0.36, P < 0.01)

CE\_RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.27 |
| Easy\_down | **-0.61** |
| Med\_up | **0.35** |
| Med\_down | **-0.44** |
| Hard\_up | -0.05 |
| Hard\_down | 0.28 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.38 |
| Easy\_down | 0.07 |
| Med\_up | 0.34 |
| Med\_down | 0.04 |
| Hard\_up | **0.72** |
| Hard\_down | **-0.79** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and GritScale  
Canonical Variate 5 (R = 0.36, P < 0.01)

CE\_RESP CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.18 |
| Easy\_down | **-0.56** |
| Med\_up | **0.3** |
| Med\_down | **-0.5** |
| Hard\_up | -0.25 |
| Hard\_down | **0.37** |

EXT CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.25 |
| Easy\_down | 0.1 |
| Med\_up | 0.02 |
| Med\_down | 0.32 |
| Hard\_up | -0.27 |
| Hard\_down | **0.87** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.43** |
| Easy\_down | -0.36 |
| Med\_up | 0.19 |
| Med\_down | -0.11 |
| Hard\_up | **0.43** |
| Hard\_down | **-0.85** |

### Significant Correlation with NeedForCognition

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57

Significant correlation between CE\_RESP and NeedForCognition  
Canonical Variate 1 (R = 0.38, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.23** |
| Easy\_down | **-0.36** |
| Med\_up | **-0.44** |
| Med\_down | **0.28** |
| Hard\_up | -0.05 |
| Hard\_down | **-0.37** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.82** |
| Easy\_down | **0.47** |
| Med\_up | **-0.57** |
| Med\_down | 0.16 |
| Hard\_up | -0.38 |
| Hard\_down | -0.04 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and NeedForCognition  
Canonical Variate 1 (R = 0.36, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.01 |
| Easy\_down | **-0.29** |
| Med\_up | -0.2 |
| Med\_down | **0.46** |
| Hard\_up | 0.09 |
| Hard\_down | -0.06 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | 0.13 |
| Med\_up | **0.23** |
| Med\_down | 0.09 |
| Hard\_up | **-0.34** |
| Hard\_down | **0.26** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between CE\_RESP and NeedForCognition  
Canonical Variate 1 (R = 0.38, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.32** |
| Easy\_down | **-0.34** |
| Med\_up | **-0.46** |
| Med\_down | 0.17 |
| Hard\_up | -0.09 |
| Hard\_down | **-0.46** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.53** |
| Easy\_down | 0.33 |
| Med\_up | **-0.76** |
| Med\_down | **0.5** |
| Hard\_up | -0.18 |
| Hard\_down | -0.09 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | **-0.35** |
| Med\_up | **0.24** |
| Med\_down | 0.0 |
| Hard\_up | **-0.41** |
| Hard\_down | **0.26** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and NeedForCognition  
Canonical Variate 1 (R = 0.39, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.34** |
| Easy\_down | -0.11 |
| Med\_up | -0.15 |
| Med\_down | 0.09 |
| Hard\_up | **-0.19** |
| Hard\_down | **-0.23** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.51** |
| Easy\_down | **0.53** |
| Med\_up | **-0.45** |
| Med\_down | 0.2 |
| Hard\_up | **-0.45** |
| Hard\_down | **0.33** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.0 |
| Easy\_down | **-0.47** |
| Med\_up | **0.4** |
| Med\_down | -0.2 |
| Hard\_up | **0.41** |
| Hard\_down | **-0.32** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and NeedForCognition  
Canonical Variate 6 (R = 0.37, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.11 |
| Easy\_down | **0.48** |
| Med\_up | **0.38** |
| Med\_down | **0.37** |
| Hard\_up | **0.45** |
| Hard\_down | 0.19 |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.87** |
| Easy\_down | **0.65** |
| Med\_up | -0.34 |
| Med\_down | -0.06 |
| Hard\_up | -0.43 |
| Hard\_down | 0.02 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.18 |
| Easy\_down | 0.23 |
| Med\_up | **-0.5** |
| Med\_down | **0.29** |
| Hard\_up | 0.18 |
| Hard\_down | **-0.44** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and NeedForCognition  
Canonical Variate 1 (R = 0.37, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.34** |
| Easy\_down | -0.17 |
| Med\_up | -0.06 |
| Med\_down | -0.05 |
| Hard\_up | -0.1 |
| Hard\_down | **-0.35** |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.32** |
| Easy\_down | -0.17 |
| Med\_up | **0.46** |
| Med\_down | 0.12 |
| Hard\_up | -0.06 |
| Hard\_down | **0.28** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.03 |
| Easy\_down | **-0.38** |
| Med\_up | **0.62** |
| Med\_down | **-0.41** |
| Hard\_up | 0.23 |
| Hard\_down | -0.11 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and NeedForCognition  
Canonical Variate 6 (R = -0.4, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.01 |
| Easy\_down | -0.28 |
| Med\_up | -0.34 |
| Med\_down | -0.22 |
| Hard\_up | **-0.74** |
| Hard\_down | 0.12 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.6** |
| Easy\_down | **0.55** |
| Med\_up | -0.28 |
| Med\_down | 0.03 |
| Hard\_up | 0.26 |
| Hard\_down | **-0.69** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.33 |
| Easy\_down | **-0.48** |
| Med\_up | 0.06 |
| Med\_down | **-0.82** |
| Hard\_up | -0.26 |
| Hard\_down | -0.11 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between CE\_RESP and NeedForCognition  
Canonical Variate 1 (R = 0.37, P < 0.01)

CE\_RESP CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.38** |
| Easy\_down | **-0.28** |
| Med\_up | **-0.25** |
| Med\_down | -0.05 |
| Hard\_up | -0.15 |
| Hard\_down | **-0.47** |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.21 |
| Easy\_down | **0.41** |
| Med\_up | **-0.63** |
| Med\_down | **0.64** |
| Hard\_up | -0.05 |
| Hard\_down | 0.12 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.26** |
| Easy\_down | **-0.38** |
| Med\_up | **0.32** |
| Med\_down | 0.08 |
| Hard\_up | -0.18 |
| Hard\_down | **0.24** |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.02 |
| Easy\_down | **-0.46** |
| Med\_up | **0.64** |
| Med\_down | **-0.55** |
| Hard\_up | 0.13 |
| Hard\_down | -0.15 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and NeedForCognition  
Canonical Variate 2 (R = -0.42, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.33 |
| Easy\_down | -0.24 |
| Med\_up | -0.06 |
| Med\_down | **-0.65** |
| Hard\_up | **-0.73** |
| Hard\_down | -0.07 |

CE\_RESP CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.0 |
| Easy\_down | -0.13 |
| Med\_up | 0.05 |
| Med\_down | **-0.59** |
| Hard\_up | -0.04 |
| Hard\_down | **-0.37** |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.78** |
| Easy\_down | -0.11 |
| Med\_up | 0.1 |
| Med\_down | **0.59** |
| Hard\_up | **0.81** |
| Hard\_down | -0.09 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.26 |
| Easy\_down | **-0.61** |
| Med\_up | -0.03 |
| Med\_down | 0.12 |
| Hard\_up | **0.35** |
| Hard\_down | **-0.37** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and NeedForCognition  
Canonical Variate 6 (R = -0.38, P < 0.01)

RESP CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.17 |
| Easy\_down | **-0.43** |
| Med\_up | -0.26 |
| Med\_down | **-0.32** |
| Hard\_up | **-0.61** |
| Hard\_down | 0.19 |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.43** |
| Easy\_down | **-0.35** |
| Med\_up | **0.52** |
| Med\_down | **-0.44** |
| Hard\_up | **0.34** |
| Hard\_down | 0.12 |

EXT CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **0.63** |
| Med\_up | **0.67** |
| Med\_down | -0.15 |
| Hard\_up | 0.1 |
| Hard\_down | **0.51** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.3 |
| Easy\_down | -0.22 |
| Med\_up | -0.27 |
| Med\_down | 0.01 |
| Hard\_up | 0.29 |
| Hard\_down | **-0.85** |

### Significant Correlation with easy\_RT

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and easy\_RT  
Canonical Variate 4 (R = 0.37, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.65** |
| Easy\_down | **0.55** |
| Med\_up | 0.22 |
| Med\_down | -0.27 |
| Hard\_up | -0.05 |
| Hard\_down | 0.17 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.27 |
| Easy\_down | -0.27 |
| Med\_up | **0.83** |
| Med\_down | **-0.68** |
| Hard\_up | 0.2 |
| Hard\_down | -0.04 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.55** |
| Easy\_down | **0.44** |
| Med\_up | **0.71** |
| Med\_down | -0.09 |
| Hard\_up | **0.82** |
| Hard\_down | -0.14 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and easy\_RT  
Canonical Variate 2 (R = -0.35, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.27 |
| Easy\_down | **-0.74** |
| Med\_up | **-0.75** |
| Med\_down | 0.32 |
| Hard\_up | -0.19 |
| Hard\_down | -0.34 |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.12 |
| Easy\_down | **0.66** |
| Med\_up | **0.82** |
| Med\_down | -0.24 |
| Hard\_up | **0.54** |
| Hard\_down | 0.25 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.77** |
| Easy\_down | 0.11 |
| Med\_up | **-0.69** |
| Med\_down | 0.18 |
| Hard\_up | -0.16 |
| Hard\_down | -0.16 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and easy\_RT  
Canonical Variate 2 (R = -0.36, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.29 |
| Easy\_down | **-0.75** |
| Med\_up | **-0.68** |
| Med\_down | 0.32 |
| Hard\_up | -0.3 |
| Hard\_down | -0.2 |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.44** |
| Easy\_down | -0.2 |
| Med\_up | **0.56** |
| Med\_down | -0.18 |
| Hard\_up | 0.1 |
| Hard\_down | 0.07 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.67** |
| Easy\_down | 0.09 |
| Med\_up | **-0.84** |
| Med\_down | **0.48** |
| Hard\_up | -0.26 |
| Hard\_down | -0.27 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and easy\_RT  
Canonical Variate 2 (R = -0.34, P < 0.01)

RESP CV2 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.24 |
| Easy\_down | **-0.77** |
| Med\_up | **-0.65** |
| Med\_down | 0.24 |
| Hard\_up | **-0.39** |
| Hard\_down | -0.13 |

DMN\_AAR CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.19 |
| Easy\_down | **0.59** |
| Med\_up | **0.76** |
| Med\_down | -0.17 |
| Hard\_up | **0.73** |
| Hard\_down | 0.02 |

EXT CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.18 |
| Easy\_down | 0.06 |
| Med\_up | **0.72** |
| Med\_down | **-0.42** |
| Hard\_up | **0.39** |
| Hard\_down | -0.19 |

INIT\_DMN CV2 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.68** |
| Easy\_down | 0.28 |
| Med\_up | **-0.59** |
| Med\_down | **0.42** |
| Hard\_up | -0.03 |
| Hard\_down | -0.11 |

### Significant Correlation with med\_RT

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and med\_RT  
Canonical Variate 3 (R = 0.38, P < 0.01)

EXT CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.4** |
| Easy\_down | 0.12 |
| Med\_up | **-0.31** |
| Med\_down | **0.34** |
| Hard\_up | **-0.53** |
| Hard\_down | **0.38** |

INIT\_DMN CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.05 |
| Easy\_down | **-0.62** |
| Med\_up | 0.01 |
| Med\_down | 0.01 |
| Hard\_up | **-0.35** |
| Hard\_down | -0.06 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and med\_RT  
Canonical Variate 6 (R = -0.37, P < 0.01)

EXT CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.18 |
| Easy\_down | 0.23 |
| Med\_up | **-0.5** |
| Med\_down | **0.29** |
| Hard\_up | 0.18 |
| Hard\_down | **-0.44** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.87** |
| Easy\_down | **0.65** |
| Med\_up | -0.34 |
| Med\_down | -0.06 |
| Hard\_up | -0.43 |
| Hard\_down | 0.02 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.11 |
| Easy\_down | **0.48** |
| Med\_up | **0.38** |
| Med\_down | **0.37** |
| Hard\_up | **0.45** |
| Hard\_down | 0.19 |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between RESP and med\_RT  
Canonical Variate 4 (R = 0.36, P < 0.01)

RESP CV4 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.65** |
| Easy\_down | **0.55** |
| Med\_up | 0.22 |
| Med\_down | -0.27 |
| Hard\_up | -0.05 |
| Hard\_down | 0.17 |

CE\_RESP CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.27 |
| Easy\_down | -0.27 |
| Med\_up | **0.83** |
| Med\_down | **-0.68** |
| Hard\_up | 0.2 |
| Hard\_down | -0.04 |

INIT\_DMN CV4 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.55** |
| Easy\_down | **0.44** |
| Med\_up | **0.71** |
| Med\_down | -0.09 |
| Hard\_up | **0.82** |
| Hard\_down | -0.14 |

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and med\_RT  
Canonical Variate 1 (R = 0.35, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.7** |
| Easy\_down | -0.0 |
| Med\_up | -0.31 |
| Med\_down | -0.19 |
| Hard\_up | **-0.66** |
| Hard\_down | 0.14 |

INIT\_DMN CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.27** |
| Easy\_down | **-0.46** |
| Med\_up | **0.25** |
| Med\_down | 0.18 |
| Hard\_up | 0.03 |
| Hard\_down | 0.07 |

RESP CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.1 |
| Easy\_down | **-0.55** |
| Med\_up | **0.56** |
| Med\_down | **-0.75** |
| Hard\_up | -0.04 |
| Hard\_down | -0.26 |

### Significant Correlation with hard\_RT

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and hard\_RT  
Canonical Variate 6 (R = -0.39, P < 0.01)

EXT CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.18 |
| Easy\_down | 0.23 |
| Med\_up | **-0.5** |
| Med\_down | **0.29** |
| Hard\_up | 0.18 |
| Hard\_down | **-0.44** |

CE\_RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.87** |
| Easy\_down | **0.65** |
| Med\_up | -0.34 |
| Med\_down | -0.06 |
| Hard\_up | -0.43 |
| Hard\_down | 0.02 |

RESP CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.11 |
| Easy\_down | **0.48** |
| Med\_up | **0.38** |
| Med\_down | **0.37** |
| Hard\_up | **0.45** |
| Hard\_down | 0.19 |

### Significant Correlation with med\_acc

#### C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and med\_acc  
Canonical Variate 6 (R = 0.34, P < 0.01)

EXT CV6 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.22 |
| Easy\_down | **0.42** |
| Med\_up | **0.55** |
| Med\_down | -0.03 |
| Hard\_up | 0.15 |
| Hard\_down | **0.76** |

INIT\_DMN CV6 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.25 |
| Easy\_down | -0.11 |
| Med\_up | 0.17 |
| Med\_down | **-0.48** |
| Hard\_up | 0.4 |
| Hard\_down | **-0.83** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and med\_acc  
Canonical Variate 3 (R = -0.38, P < 0.01)

EXT CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.43** |
| Easy\_down | **-0.74** |
| Med\_up | -0.01 |
| Med\_down | 0.0 |
| Hard\_up | -0.17 |
| Hard\_down | -0.15 |

CE\_RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.08 |
| Easy\_down | 0.12 |
| Med\_up | **-0.5** |
| Med\_down | **0.67** |
| Hard\_up | -0.28 |
| Hard\_down | 0.14 |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.35** |
| Easy\_down | **-0.68** |
| Med\_up | **-0.36** |
| Med\_down | **0.34** |
| Hard\_up | 0.23 |
| Hard\_down | **-0.51** |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80

Significant correlation between EXT and med\_acc  
Canonical Variate 5 (R = -0.35, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.35 |
| Easy\_down | **-0.84** |
| Med\_up | -0.33 |
| Med\_down | 0.22 |
| Hard\_up | 0.01 |
| Hard\_down | **-0.44** |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.63** |
| Easy\_down | 0.06 |
| Med\_up | **-0.33** |
| Med\_down | 0.1 |
| Hard\_up | -0.16 |
| Hard\_down | -0.06 |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.14 |
| Easy\_down | **0.47** |
| Med\_up | -0.06 |
| Med\_down | **0.34** |
| Hard\_up | -0.16 |
| Hard\_down | -0.02 |

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and med\_acc  
Canonical Variate 3 (R = 0.36, P < 0.01)

EXT CV3 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.47 |
| Easy\_down | **0.95** |
| Med\_up | 0.22 |
| Med\_down | 0.07 |
| Hard\_up | 0.28 |
| Hard\_down | 0.17 |

DMN\_AAR CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.25 |
| Easy\_down | -0.35 |
| Med\_up | -0.19 |
| Med\_down | 0.01 |
| Hard\_up | 0.28 |
| Hard\_down | **-0.74** |

RESP CV3 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.28 |
| Easy\_down | 0.3 |
| Med\_up | 0.22 |
| Med\_down | -0.06 |
| Hard\_up | **-0.5** |
| Hard\_down | **0.8** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and med\_acc  
Canonical Variate 5 (R = -0.38, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.14 |
| Easy\_down | **-0.86** |
| Med\_up | **-0.59** |
| Med\_down | 0.1 |
| Hard\_up | -0.27 |
| Hard\_down | **-0.5** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.18 |
| Easy\_down | -0.13 |
| Med\_up | **-0.61** |
| Med\_down | **0.53** |
| Hard\_up | 0.25 |
| Hard\_down | -0.3 |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.27** |
| Easy\_down | 0.07 |
| Med\_up | **-0.2** |
| Med\_down | **0.3** |
| Hard\_up | -0.15 |
| Hard\_down | **0.37** |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **0.29** |
| Easy\_down | 0.08 |
| Med\_up | 0.06 |
| Med\_down | -0.18 |
| Hard\_up | **0.24** |
| Hard\_down | **-0.44** |

#### C5\_Pos\_88\_CE\_0.78 / PP\_NegL\_12\_1RESP\_0.72 & C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20 & C4\_Pos\_63\_INIT\_0.91 / Neg\_37\_TDMN\_0.80 & C2\_Pos\_92\_1RESP\_0.78

Significant correlation between EXT and med\_acc  
Canonical Variate 5 (R = 0.4, P < 0.01)

EXT CV5 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.21 |
| Easy\_down | **0.61** |
| Med\_up | **0.53** |
| Med\_down | **-0.36** |
| Hard\_up | 0.27 |
| Hard\_down | **0.33** |

CE\_RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.03 |
| Easy\_down | -0.01 |
| Med\_up | **0.68** |
| Med\_down | **-0.45** |
| Hard\_up | -0.04 |
| Hard\_down | 0.08 |

DMN\_AAR CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.08 |
| Easy\_down | 0.02 |
| Med\_up | **0.24** |
| Med\_down | **-0.37** |
| Hard\_up | -0.04 |
| Hard\_down | **-0.3** |

INIT\_DMN CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | 0.17 |
| Easy\_down | **0.78** |
| Med\_up | **0.64** |
| Med\_down | 0.06 |
| Hard\_up | **0.64** |
| Hard\_down | 0.25 |

RESP CV5 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.45** |
| Easy\_down | 0.14 |
| Med\_up | 0.04 |
| Med\_down | 0.12 |
| Hard\_up | -0.11 |
| Hard\_down | **0.33** |

### Significant Correlation with hard\_acc

#### C1\_Neg\_92\_TDMN\_0.69 / PP\_NegL92\_AAR\_0.57 & C3\_Pos\_78\_EXT\_1.20

Significant correlation between EXT and hard\_acc  
Canonical Variate 1 (R = 0.36, P < 0.01)

EXT CV1 Canonical Loadings

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | **-0.55** |
| Easy\_down | -0.28 |
| Med\_up | **-0.83** |
| Med\_down | 0.1 |
| Hard\_up | **-0.86** |
| Hard\_down | 0.13 |

DMN\_AAR CV1 Canonical Loadings - Not Significant

|  |  |
| --- | --- |
| Condition |  |
| Easy\_up | -0.17 |
| Easy\_down | -0.05 |
| Med\_up | **-0.89** |
| Med\_down | **0.67** |
| Hard\_up | -0.38 |
| Hard\_down | 0.11 |