FES/FOS/GES – RMSE

|  |  |  |
| --- | --- | --- |
| Predictor | BN1, BN2, RM1, MIX | RM2 |
|  | b | b |
| N | -0.0003 | -0.0003 |
| Levels | -0.01 | **0.08** |
| Correlation | -0.00003 | 0.01 |
| Effect Size | -0.01 | **0.02** |
| N: Levels | 0.0003 | 0.0001 |
| N: Correlation | **-0.01** | -0.001 |
| Levels: Correlation | -0.01 | -0.003 |
| N: Effect Size | 0.0002 | -0.0001 |
| Levels: Effect Size | 0.002 | **-0.01** |
| Correlation: Effect Size | -0.002 | -0.01 |
| N: Levels: Correlation | **0.001** | 0.0002 |
| N: Levels: Effect Size | -0.0001 | 0.000004 |
| N: Correlation: Effect Size | **0.001** | 0.0004 |
| Levels: Correlation: Effect Size | 0.001 | 0.002 |
| N: Levels: Correlation: Effect Size | -0.0003 | -0.0001 |

FES/FOS/GES – RMSE Split by SD

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Predictor | BN1, BN2, RM1, MIX | RM2 |
|  |  | b | b |
| SD 5 | N | -0.0005 | **-0.001** |
| SD 5 | Levels | -0.001 | **0.01** |
| SD 5 | Correlation | -0.04 | -0.02 |
| SD 5 | N: Levels | 0.0001 | **0.0001** |
| SD 5 | N: Correlation | 0.003 | **0.001** |
| SD 5 | Levels: Correlation | 0.01 | 0.004 |
| SD 5 | N: Levels: Correlation | -0.0004 | **-0.0002** |
| SD 3 | N | **0.003** | **-0.001** |
| SD 3 | Levels | 0.01 | **0.03** |
| SD 3 | Correlation | 0.06 | -0.02 |
| SD 3 | N: Levels | **-0.0004** | **0.0002** |
| SD 3 | N: Correlation | **-0.01** | 0.001 |
| SD 3 | Levels: Correlation | -0.02 | 0.004 |
| SD 3 | N: Levels: Correlation | **0.001** | -0.0001 |
| SD 1 | N | -0.001 | -0.0003 |
| SD 1 | Levels | -0.01 | **0.07** |
| SD 1 | Correlation | -0.03 | 0.01 |
| SD 1 | N: Levels | **0.0005** | **0.0001** |
| SD 1 | N: Correlation | -0.002 | -0.001 |
| SD 1 | Levels: Correlation | 0.002 | -0.002 |
| SD 1 | N: Levels: Correlation | 0.001 | 0.0002 |

FES/FOS/GES – RMSE Split SD5 Split by Correlation

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Correlation | Predictor | RM2 |
|  |  |  | b |
| SD 5 | Low | N | **-0.0002** |
| SD 5 | Low | Correlation | **-0.002** |
| SD 5 | Low | N: Correlation | 0.00002 |
| SD 5 | High | N | **-0.0002** |
| SD 5 | High | Correlation | **-0.002** |
| SD 5 | High | N: Correlation | 0.00002 |

FES/FOS/GES – RMSE Split SD5 Split by Levels

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Levels | Predictor | RM2 |
|  |  |  | b |
| SD 5 | Low | N | **-0.0002** |
| SD 5 | Low | Levels | 0.0003 |
| SD 5 | Low | N: Levels | -0.000001 |
| SD 5 | High | N | **-0.0002** |
| SD 5 | High | Levels | 0.0003 |
| SD 5 | High | N: Levels | -0.000001 |

FES/FOS/GES – RMSE Split SD3 Split by Levels

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SD | Levels | Predictor | BN1, BN2, RM1, MIX | RM2 |
|  |  |  | b | b |
| SD 3 | Low | N | **-0.0002** | **-0.0002** |
| SD 3 | Low | Levels | **0.002** | 0.0004 |
| SD 3 | Low | N: Levels | **-0.00002** | 0.0000003 |
| SD 3 | High | N | **-0.0003** | **-0.0002** |
| SD 3 | High | Levels | **0.002** | 0.0004 |
| SD 3 | High | N: Levels | **-0.00002** | 0.0000003 |

FES/FOS/GES – RMSE Split SD3 Split by Correlation

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Correlation | Predictor | BN1, BN2, RM1, MIX |
|  |  |  | b |
| SD 3 | Low | N | -0.0002 |
| SD 3 | Low | Levels | 0.002 |
| SD 3 | Low | Correlation | -0.01 |
| SD 3 | Low | N: Levels | -0.00004 |
| SD 3 | Low | N: Correlation | -0.0001 |
| SD 3 | Low | Levels: Correlation | 0.0003 |
| SD 3 | Low | N: Levels: Correlation | 0.00002 |
| SD 3 | High | N | **-0.0002** |
| SD 3 | High | Levels | **0.002** |
| SD 3 | High | Correlation | -0.01 |
| SD 3 | High | N: Levels | **-0.00002** |
| SD 3 | High | N: Correlation | -0.0001 |
| SD 3 | High | Levels: Correlation | 0.0003 |
| SD 3 | High | N: Levels: Correlation | 0.00002 |

FES/FOS/GES – RMSE Split SD3 High Correlation Split by levels

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SD | Correlation | Levels | Predictor | BN1, BN2, RM1, MIX |
|  |  |  |  | b |
| SD 3 | High | Low | N | **-0.0002** |
| SD 3 | High | Low | Levels | **0.002** |
| SD 3 | High | Low | Correlation | -0.01 |
| SD 3 | High | Low | N: Levels | **-0.00002** |
| SD 3 | High | Low | N: Correlation | -0.0001 |
| SD 3 | High | Low | Levels: Correlation | 0.0003 |
| SD 3 | High | Low | N: Levels: Correlation | 0.00002 |
| SD 3 | High | High | N | **-0.0003** |
| SD 3 | High | High | Levels | **0.002** |
| SD 3 | High | High | Correlation | -0.01 |
| SD 3 | High | High | N: Levels | **-0.00002** |
| SD 3 | High | High | N: Correlation | -0.00004 |
| SD 3 | High | High | Levels: Correlation | 0.0003 |
| SD 3 | High | High | N: Levels: Correlation | 0.00002 |

FES/FOS/GES – RMSE Split SD1 Split by Levels

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SD | Levels | Predictor | BN1, BN2, RM1, MIX | RM2 |
|  |  |  | b | b |
| SD 1 | Low | N | **-0.001** | **-0.0001** |
| SD 1 | Low | Levels | -0.001 | 0.0004 |
| SD 1 | Low | N: Levels | **0.00002** | **-0.00001** |
| SD 1 | High | N | **-0.0005** | **-0.0001** |
| SD 1 | High | Levels | -0.001 | 0.0004 |
| SD 1 | High | N: Levels | **0.00002** | **-0.00001** |

PES – RMSE

|  |  |  |
| --- | --- | --- |
| Predictor | BN1, BN2 | RM1, RM2, MIX |
|  | b | b |
| N | -0.0003 | -0.002 |
| Levels | -0.01 | -0.03 |
| Correlation | -0.00003 | **0.48** |
| Effect Size | -0.01 | -0.02 |
| N: Levels | 0.0003 | **0.001** |
| N: Correlation | **-0.01** | **-0.01** |
| Levels: Correlation | -0.01 | -0.01 |
| N: Effect Size | 0.0002 | 0.001 |
| Levels: Effect Size | 0.002 | 0.01 |
| Correlation: Effect Size | -0.002 | -0.11 |
| N: Levels: Correlation | **0.001** | 0.001 |
| N: Levels: Effect Size | -0.0001 | **-0.0003** |
| N: Correlation: Effect Size | **0.001** | **0.002** |
| Levels: Correlation: Effect Size | 0.001 | 0.004 |
| N: Levels: Correlation: Effect Size | -0.0003 | -0.0001 |

PES – RMSE Split by SD

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Predictor | BN1, BN2 | RM1, RM2, MIX |
|  |  | b | b |
| SD 5 | N | -0.0005 | -0.00004 |
| SD 5 | Levels | -0.001 | -0.004 |
| SD 5 | Correlation | -0.04 | -0.04 |
| SD 5 | N: Levels | 0.0001 | -0.000004 |
| SD 5 | N: Correlation | 0.003 | 0.003 |
| SD 5 | Levels: Correlation | 0.01 | 0.01 |
| SD 5 | N: Levels: Correlation | -0.0004 | -0.0004 |
| SD 3 | N | **0.003** | **0.01** |
| SD 3 | Levels | 0.01 | 0.01 |
| SD 3 | Correlation | 0.06 | 0.08 |
| SD 3 | N: Levels | **-0.0004** | **-0.001** |
| SD 3 | N: Correlation | **-0.01** | **-0.01** |
| SD 3 | Levels: Correlation | -0.02 | -0.01 |
| SD 3 | N: Levels: Correlation | **0.001** | **0.002** |
| SD 1 | N | -0.001 | **-0.004** |
| SD 1 | Levels | -0.01 | -0.03 |
| SD 1 | Correlation | -0.03 | **0.40** |
| SD 1 | N: Levels | **0.0005** | **0.001** |
| SD 1 | N: Correlation | -0.002 | **-0.005** |
| SD 1 | Levels: Correlation | 0.002 | -0.01 |
| SD 1 | N: Levels: Correlation | 0.001 | 0.0002 |

PES – RMSE Split SD3 Split by Correlation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SD | Correlation | Predictor | BN1, BN2 | RM1, RM2, MIX |
|  |  |  | b | b |
| SD 3 | Low | N | -0.0002 | -0.0003 |
| SD 3 | Low | Levels | 0.002 | -0.002 |
| SD 3 | Low | Correlation | -0.01 | 0.02 |
| SD 3 | Low | N: Levels | -0.00004 | -0.00002 |
| SD 3 | Low | N: Correlation | -0.0001 | **-0.0004** |
| SD 3 | Low | Levels: Correlation | 0.0003 | -0.003 |
| SD 3 | Low | N: Levels: Correlation | 0.00002 | 0.0001 |
| SD 3 | High | N | **-0.0002** | **-0.001** |
| SD 3 | High | Levels | **0.002** | **-0.004** |
| SD 3 | High | Correlation | -0.0102 | 0.02 |
| SD 3 | High | N: Levels | **-0.00002** | 0.00002 |
| SD 3 | High | N: Correlation | -0.0001 | **-0.0004** |
| SD 3 | High | Levels: Correlation | 0.0003 | -0.003 |
| SD 3 | High | N: Levels: Correlation | 0.00002 | 0.0001 |

PES – RMSE Split SD1 Split by Levels

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SD | Levels | Predictor | BN1, BN2 | RM1, RM2, MIX |
|  |  |  | b | b |
| SD 1 | Low | N | **-0.001** | **-0.001** |
| SD 1 | Low | Levels | -0.001 | **-0.02** |
| SD 1 | Low | N: Levels | **0.00002** | **0.0002** |
| SD 1 | High | N | **-0.0005** | **-0.001** |
| SD 1 | High | Levels | -0.001 | **-0.02** |
| SD 1 | High | N: Levels | **0.00002** | **0.0002** |

PES – RMSE Split SD1 Split by Correlation

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Correlation | Predictor | RM1, RM2, MIX |
|  |  |  | b |
| SD 1 | Low | N | **-0.001** |
| SD 1 | Low | Correlation | **-0.03** |
| SD 1 | Low | N: Correlation | **0.0004** |
| SD 1 | High | N | **-0.0005** |
| SD 1 | High | Correlation | **-0.03** |
| SD 1 | High | N: Correlation | **0.0004** |

POS – RMSE

|  |  |  |  |
| --- | --- | --- | --- |
| Predictor | BN2 | RM2 | MIX |
|  | b | b | b |
| N | -0.0002 | -0.00003 | -0.0002 |
| Levels | -0.005 | **0.10** | **0.09** |
| Correlation | 0.005 | 0.0002 | 0.002 |
| Effect Size | -0.01 | 0.02 | 0.02 |
| N: Levels | 0.0003 | 0.00001 | 0.0001 |
| N: Correlation | **-0.01** | -0.0001 | -0.0003 |
| Levels: Correlation | -0.01 | -0.0002 | -0.001 |
| N: Effect Size | 0.0001 | -0.00001 | -0.00003 |
| Levels: Effect Size | 0.002 | **-0.02** | **-0.01** |
| Correlation: Effect Size | -0.002 | -0.0002 | -0.001 |
| N: Levels: Correlation | **0.001** | 0.00002 | 0.0001 |
| N: Levels: Effect Size | -0.0001 | 0.000001 | 0.0000001 |
| N: Correlation: Effect Size | **0.001** | 0.00002 | 0.0001 |
| Levels: Correlation: Effect Size | 0.001 | 0.0001 | 0.001 |
| N: Levels: Correlation: Effect Size | **-0.0003** | -0.00001 | -0.00003 |

POS – RMSE Split by SD

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Predictor | RM2 | MIX |
|  |  | b | b |
| SD 5 | Levels | **0.03** | **0.03** |
| SD 3 | Levels | **0.05** | **0.04** |
| SD 1 | Levels | **0.09** | **0.09** |

POS – RMSE Split by SD

|  |  |  |
| --- | --- | --- |
| SD | Predictor | BN2 |
|  |  | b |
| SD 5 | N | -0.001 |
| SD 5 | Levels | 0.0003 |
| SD 5 | Correlation | -0.04 |
| SD 5 | N: Levels | 0.0001 |
| SD 5 | N: Correlation | **0.003** |
| SD 5 | Levels: Correlation | 0.01 |
| SD 5 | N: Levels: Correlation | -0.0005 |
| SD 3 | N | **0.002** |
| SD 3 | Levels | 0.01 |
| SD 3 | Correlation | 0.06 |
| SD 3 | N: Levels | **-0.0004** |
| SD 3 | N: Correlation | **-0.01** |
| SD 3 | Levels: Correlation | -0.02 |
| SD 3 | N: Levels: Correlation | **0.001** |
| SD 1 | N | -0.001 |
| SD 1 | Levels | -0.01 |
| SD 1 | Correlation | -0.03 |
| SD 1 | N: Levels | 0.0005 |
| SD 1 | N: Correlation | -0.002 |
| SD 1 | Levels: Correlation | 0.002 |
| SD 1 | N: Levels: Correlation | 0.001 |

POS – RMSE Split SD5 Split by Correlation

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Correlation | Predictor | BN2 |
|  |  |  | b |
| SD 5 | Low | N | **-0.00036067** |
| SD 5 | Low | Correlation | **-0.00455288** |
| SD 5 | Low | N: Correlation | **0.00011394** |
| SD 5 | High | N | **-0.00028802** |
| SD 5 | High | Correlation | **-0.00455288** |
| SD 5 | High | N: Correlation | **0.00011394** |

POS – RMSE Split SD3 Split by Correlation

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Correlation | Predictor | BN2 |
|  |  |  | b |
| SD 3 | Low | N |  |
| SD 3 | Low | Correlation |  |
| SD 3 | Low | N: Correlation |  |
| SD 3 | High | N |  |
| SD 3 | High | Correlation |  |
| SD 3 | High | N: Correlation |  |