FES - Bias

|  |  |  |  |
| --- | --- | --- | --- |
| Predictor | BN1, BN2, RM1 | RM2 | MIX |
|  | b | b | b |
| N | 0.001 | 0.0003 | 0.001 |
| Levels | -0.002 | **-0.08** | **-0.03** |
| Correlation | -0.03 | -0.01 | -0.02 |
| Effect Size | -0.01 | -0.02 | -0.001 |
| N: Levels | -0.0005 | -0.0001 | -0.0003 |
| N: Correlation | 0.001 | 0.001 | 0.001 |
| Levels: Correlation | 0.01 | 0.002 | 0.06 |
| N: Effect Size | 0.0003 | 0.00004 | 0.0001 |
| Levels: Effect Size | 0.001 | **0.01** | 0.004 |
| Correlation: Effect Size | 0.01 | 0.004 | 0.01 |
| N: Levels: Correlation | -0.001 | -0.0002 | -0.0004 |
| N: Levels: Effect Size | 0.00002 | 0.000005 | 0.00003 |
| N: Correlation: Effect Size | -0.001 | -0.0002 | -0.0003 |
| Levels: Correlation: Effect Size | -0.004 | -0.001 | -0.003 |
| N: Levels: Correlation: Effect Size | 0.0002 | 0.0001 | 0.0001 |

FES – Bias Split by SD

|  |  |  |
| --- | --- | --- |
| SD | Predictor | RM2 |
|  |  | b |
| SD 5 | N | 0.0004 |
| SD 5 | Levels | **-0.02** |
| SD 5 | Correlation | -0.0003 |
| SD 5 | N: Levels | **-0.0001** |
| SD 5 | N: Correlation | 0.00003 |
| SD 5 | Levels: Correlation | -0.001 |
| SD 5 | N: Levels: Correlation | 0.0001 |
| SD 3 | N | **0.001** |
| SD 3 | Levels | **-0.03** |
| SD 3 | Correlation | 0.01 |
| SD 3 | N: Levels | **-0.0001** |
| SD 3 | N: Correlation | -0.001 |
| SD 3 | Levels: Correlation | -0.004 |
| SD 3 | N: Levels: Correlation | 0.0001 |
| SD 1 | N | 0.0002 |
| SD 1 | Levels | **-0.07** |
| SD 1 | Correlation | -0.02 |
| SD 1 | N: Levels | **-0.0001** |
| SD 1 | N: Correlation | 0.001 |
| SD 1 | Levels: Correlation | 0.003 |
| SD 1 | N: Levels: Correlation | -0.0002 |

FES – Bias Split by SD Split by Levels

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Levels | Predictor | RM2 |
|  |  |  | b |
| SD 5 | Low | N | **0.0005** |
| SD 5 | Low | Levels | **-0.02** |
| SD 5 | Low | N: Levels | **-0.0001** |
| SD 5 | High | N | **0.0003** |
| SD 5 | High | Levels | **-0.02** |
| SD 5 | High | N: Levels | **-0.0001** |
| SD 3 | Low | N | **0.001** |
| SD 3 | Low | Levels | **-0.03** |
| SD 3 | Low | N: Levels | **-0.0001** |
| SD 3 | High | N | **0.0003** |
| SD 3 | High | Levels | **-0.03** |
| SD 3 | High | N: Levels | **-0.0001** |
| SD 1 | Low | N | **0.001** |
| SD 1 | Low | Levels | **-0.07** |
| SD 1 | Low | N: Levels | **-0.0002** |
| SD 1 | High | N | **0.0003** |
| SD 1 | High | Levels | **-0.07** |
| SD 1 | High | N: Levels | **-0.0002** |

GES – Bias

|  |  |  |
| --- | --- | --- |
| Predictor | BN1, BN2, RM1, MIX | RM2 |
|  | b | b |
| N | 0.001 | 0.0003 |
| Levels | -0.002 | **-0.08** |
| Correlation | -0.03 | -0.01 |
| Effect Size | -0.01 | -0.02 |
| N: Levels | -0.0005 | -0.0001 |
| N: Correlation | 0.001 | 0.001 |
| Levels: Correlation | 0.01 | 0.002 |
| N: Effect Size | 0.0003 | 0.00004 |
| Levels: Effect Size | 0.001 | **0.01** |
| Correlation: Effect Size | 0.01 | 0.004 |
| N: Levels: Correlation | -0.001 | -0.0002 |
| N: Levels: Effect Size | 0.00002 | 0.000005 |
| N: Correlation: Effect Size | -0.001 | -0.0002 |
| Levels: Correlation: Effect Size | -0.004 | -0.001 |
| N: Levels: Correlation: Effect Size | 0.0002 | 0.0001 |

GES – Bias Split by SD

|  |  |  |
| --- | --- | --- |
| SD | Predictor | RM2 |
|  |  | b |
| SD 5 | N | 0.0004 |
| SD 5 | Levels | **-0.02** |
| SD 5 | Correlation | -0.0003 |
| SD 5 | N: Levels | **-0.0001** |
| SD 5 | N: Correlation | 0.00003 |
| SD 5 | Levels: Correlation | -0.001 |
| SD 5 | N: Levels: Correlation | 0.0001 |
| SD 3 | N | **0.001** |
| SD 3 | Levels | **-0.03** |
| SD 3 | Correlation | 0.01 |
| SD 3 | N: Levels | **-0.0001** |
| SD 3 | N: Correlation | -0.001 |
| SD 3 | Levels: Correlation | -0.004 |
| SD 3 | N: Levels: Correlation | 0.0001 |
| SD 1 | N | 0.0002 |
| SD 1 | Levels | **-0.07** |
| SD 1 | Correlation | -0.02 |
| SD 1 | N: Levels | **-0.0001** |
| SD 1 | N: Correlation | 0.001 |
| SD 1 | Levels: Correlation | 0.003 |
| SD 1 | N: Levels: Correlation | -0.0002 |

GES – Bias Split by SD Split by Levels

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Levels | Predictor | RM2 |
|  |  |  | b |
| SD 5 | Low | N | **0.0005** |
| SD 5 | Low | Levels | **-0.02** |
| SD 5 | Low | N: Levels | **-0.0001** |
| SD 5 | High | N | **0.0003** |
| SD 5 | High | Levels | **-0.02** |
| SD 5 | High | N: Levels | **-0.0001** |
| SD 3 | Low | N | **0.001** |
| SD 3 | Low | Levels | **-0.03** |
| SD 3 | Low | N: Levels | **-0.0001** |
| SD 3 | High | N | **0.0003** |
| SD 3 | High | Levels | **-0.03** |
| SD 3 | High | N: Levels | **-0.0001** |
| SD 1 | Low | N | **0.001** |
| SD 1 | Low | Levels | **-0.07** |
| SD 1 | Low | N: Levels | **-0.0002** |
| SD 1 | High | N | **0.0003** |
| SD 1 | High | Levels | **-0.07** |
| SD 1 | High | N: Levels | **-0.0002** |

PES - Bias

|  |  |  |
| --- | --- | --- |
| Predictor | BN1, BN2 | RM1, RM2, MIX |
|  | b | b |
| N | 0.001 | -0.001 |
| Levels | -0.002 | -0.02 |
| Correlation | -0.03 | 0.44 |
| Effect Size | -0.01 | -0.02 |
| N: Levels | -0.0005 | 0.0001 |
| N: Correlation | 0.001 | -0.003 |
| Levels: Correlation | 0.01 | 0.01 |
| N: Effect Size | 0.0003 | 0.001 |
| Levels: Effect Size | 0.001 | 0.01 |
| Correlation: Effect Size | 0.01 | -0.10 |
| N: Levels: Correlation | -0.001 | -0.001 |
| N: Levels: Effect Size | 0.00002 | -0.0001 |
| N: Correlation: Effect Size | -0.001 | 0.001 |
| Levels: Correlation: Effect Size | -0.004 | -0.003 |
| N: Levels: Correlation: Effect Size | 0.0002 | 0.0003 |

FOS - Bias

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Predictor | BN1, BN2 | RM1 | RM2 | MIX |
|  | b | b | b |  |
| N | 0.001 | 0.0005 | 0.0002 | 0.0004 |
| Levels | -0.0004 | -0.03 | **-0.09** | **-0.05** |
| Correlation | -0.03 | -0.01 | -0.01 | -0.01 |
| Effect Size | -0.004 | -0.01 | -0.02 | -0.01 |
| N: Levels | -0.0005 | -0.0002 | -0.0001 | -0.0002 |
| N: Correlation | 0.001 | 0.001 | 0.001 | 0.001 |
| Levels: Correlation | 0.01 | 0.01 | 0.002 | 0.01 |
| N: Effect Size | 0.0003 | 0.0003 | 0.0001 | 0.0002 |
| Levels: Effect Size | 0.001 | 0.01 | **0.01** | 0.01 |
| Correlation: Effect Size | 0.01 | 0.01 | 0.003 | 0.01 |
| N: Levels: Correlation | -0.001 | -0.001 | -0.0002 | -0.0004 |
| N: Levels: Effect Size | 0.00003 | -0.00002 | -0.000004 | 0.00001 |
| N: Correlation: Effect Size | -0.001 | -0.0005 | -0.0002 | -0.0003 |
| Levels: Correlation: Effect Size | -0.004 | -0.004 | -0.001 | -0.002 |
| N: Levels: Correlation: Effect Size | 0.0002 | 0.0002 | 0.0001 | 0.0001 |

FOS – Bias Split by SD

|  |  |  |
| --- | --- | --- |
| SD | Predictor | RM2 |
|  |  | b |
| SD 5 | N | **0.0004** |
| SD 5 | Levels | **-0.02** |
| SD 5 | Correlation | 0.002 |
| SD 5 | N: Levels | -0.0001 |
| SD 5 | N: Correlation | 0.00002 |
| SD 5 | Levels: Correlation | -0.001 |
| SD 5 | N: Levels: Correlation | 0.0001 |
| SD 3 | N | **0.001** |
| SD 3 | Levels | **-0.03** |
| SD 3 | Correlation | 0.02 |
| SD 3 | N: Levels | **-0.0001** |
| SD 3 | N: Correlation | -0.001 |
| SD 3 | Levels: Correlation | -0.004 |
| SD 3 | N: Levels: Correlation | 0.0001 |
| SD 1 | N | 0.0001 |
| SD 1 | Levels | **-0.08** |
| SD 1 | Correlation | -0.01 |
| SD 1 | N: Levels | -0.0001 |
| SD 1 | N: Correlation | 0.001 |
| SD 1 | Levels: Correlation | 0.003 |
| SD 1 | N: Levels: Correlation | -0.0002 |

FOS – Bias Split by SD Split by Levels

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Levels | Predictor | RM2 |
|  |  |  | b |
| SD 3 | Low | N | **0.0005** |
| SD 3 | Low | Levels | **-0.03** |
| SD 3 | Low | N: Levels | **-0.00005** |
| SD 3 | High | N | **0.0004** |
| SD 3 | High | Levels | **-0.03** |
| SD 3 | High | N: Levels | -0.00005 |

POS - Bias

|  |  |  |  |
| --- | --- | --- | --- |
| Predictor | BN2 | RM2 | MIX |
|  | b | b | b |
| N | 0.001 | 0.00003 | 0.0002 |
| Levels | -0.0004 | **-0.10** | **-0.09** |
| Correlation | -0.03 | -0.0003 | -0.003 |
| Effect Size | -0.004 | -0.02 | -0.02 |
| N: Levels | -0.0005 | -0.00001 | -0.0001 |
| N: Correlation | 0.001 | 0.0001 | 0.0003 |
| Levels: Correlation | 0.01 | 0.0002 | 0.001 |
| N: Effect Size | 0.0003 | 0.00001 | 0.00002 |
| Levels: Effect Size | 0.001 | **0.02** | **0.01** |
| Correlation: Effect Size | 0.01 | 0.0002 | 0.001 |
| N: Levels: Correlation | -0.001 | -0.00002 | -0.0001 |
| N: Levels: Effect Size | 0.00003 | -0.000001 | 0.000001 |
| N: Correlation: Effect Size | -0.001 | -0.00002 | -0.0001 |
| Levels: Correlation: Effect Size | -0.004 | -0.0001 | -0.0005 |
| N: Levels: Correlation: Effect Size | 0.0002 | 0.00001 | 0.00003 |

POS – Bias Split by SD

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Predictor | RM2 | MIX |
|  |  | b |  |
| SD 5 | N | 0.0001 | **0.0002** |
| SD 5 | Levels | **-0.03** | **-0.03** |
| SD 5 | Correlation | 0.0002 | 0.001 |
| SD 5 | N: Levels | -0.00001 | -0.00005 |
| SD 5 | N: Correlation | 0.000002 | -0.00003 |
| SD 5 | Levels: Correlation | -0.0001 | -0.001 |
| SD 5 | N: Levels: Correlation | 0.00001 | 0.00003 |
| SD 3 | N | **0.0001** | **0.0003** |
| SD 3 | Levels | **-0.05** | **-0.04** |
| SD 3 | Correlation | 0.002 | 0.005 |
| SD 3 | N: Levels | -0.00002 | **-0.0001** |
| SD 3 | N: Correlation | -0.0001 | -0.0003 |
| SD 3 | Levels: Correlation | -0.0003 | -0.001 |
| SD 3 | N: Levels: Correlation | 0.00001 | 0.00004 |
| SD 1 | N | 0.00002 | 0.0002 |
| SD 1 | Levels | **-0.09** | **-0.08** |
| SD 1 | Correlation | -0.001 | -0.003 |
| SD 1 | N: Levels | -0.00001 | **-0.0001** |
| SD 1 | N: Correlation | 0.0001 | 0.0003 |
| SD 1 | Levels: Correlation | 0.0002 | 0.001 |
| SD 1 | N: Levels: Correlation | -0.00002 | -0.0001 |

POS – Bias Split by SD Split by Levels

|  |  |  |  |
| --- | --- | --- | --- |
| SD | Levels | Predictor | MIX |
|  |  |  | b |
| SD 3 | Low | N | **0.0001** |
| SD 3 | Low | Levels | **-0.05** |
| SD 3 | Low | N: Levels | **-0.00001** |
| SD 3 | High | N | **0.0001** |
| SD 3 | High | Levels | **-0.05** |
| SD 3 | High | N: Levels | **-0.00001** |
| SD 1 | Low | N | **0.0001** |
| SD 1 | Low | Levels | **-0.09** |
| SD 1 | Low | N: Levels | **-0.00002** |
| SD 1 | High | N | **0.00003** |
| SD 1 | High | Levels | -0.09 |
| SD 1 | High | N: Levels | **-0.00002** |