

**Joint action goals reduce visuomotor interference effects from a partner's incongruent actions (Appendix/Supplementary Data)**

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**RTs**

| <b>Group</b> | <b>Trial</b> | <b>Congruence</b> | <b>Mean</b> | <b>SD</b> | <b>N</b> |
|--------------|--------------|-------------------|-------------|-----------|----------|
| Joint First  | Individual   | Congruent         | 1092        | 179       | 36       |
|              |              | Incongruent       | 1128        | 171       | 36       |
|              | Joint        | Congruent         | 1068        | 183       | 36       |
|              |              | Incongruent       | 1137        | 171       | 36       |
| Joint Last   | Individual   | Congruent         | 1149        | 165       | 36       |
|              |              | Incongruent       | 1252        | 175       | 36       |
|              | Joint        | Congruent         | 1133        | 155       | 36       |
|              |              | Incongruent       | 1176        | 134       | 36       |

Table 1: Mean and Standard Deviation of the reaction times for each of the experimental conditions

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### Accuracy

| Group       | Trial      | Compatibility | Mean | SD   | N  |
|-------------|------------|---------------|------|------|----|
| Joint First | Individual | Congruent     | .959 | .034 | 36 |
|             |            | Incongruent   | .964 | .036 | 36 |
|             | Joint      | Congruent     | .936 | .062 | 36 |
|             |            | Incongruent   | .933 | .068 | 36 |
| Joint Last  | Individual | Congruent     | .955 | .042 | 36 |
|             |            | Incongruent   | .947 | .055 | 36 |
|             | Joint      | Congruent     | .967 | .036 | 36 |
|             |            | Incongruent   | .950 | .046 | 36 |

Table 2: Mean and Standard Deviation of the accuracy ratio (proportion of correct responses) for each of the experimental conditions