



## EMI Interobserver Agreement Calculation

	Transitional Movements	Grounded Locomotion	Vertical Locomotion	Throwing/Rolling	Catching/Trapping	TOTALS
Primary Coder (Line 1)						PC <sub>TOTAL</sub>
Reliability Coder (Line 2)						RC <sub>TOTAL</sub>
Agreement (Line 3)						A <sub>TOTAL</sub>
Disagreement (Line 4)						D <sub>TOTAL</sub>
Percentage Agreement (Line 5)						Overall

### Calculation of Percentage Agreement:

1. Place the Primary coder's total column scores (frequencies) in first line
2. Place the Reliability coder's total column scores (frequencies) in second line
3. Place the number of each movement type in agreement in the third line
4. Place the number of each movement type in which they disagreed in the fourth line
5. Calculate Percentage Agreement for each Key Element category by dividing  $[A/A+D \times 100 -$  see formula below] (line 5)
6. Sum the Key Skill Element Agreements across rows ( $A_{total}$  and  $D_{total}$ ) to find the grand agreement total
7. Calculate Overall Percentage Agreement using Total Agreements and Total Disagreements in the formula below:

$$\text{Percentage Agreement} = \left[ \frac{\text{Number of Agreements}}{\text{Agreements} + \text{Disagreements}} \times 100 \right]$$