

| Symbol | Definition |
|---------|---|
| K | Number of devices |
| k | Index of devices, $k \in \{1, K\}$ |
| w_k | Weight of device k |
| M | Number of objects |
| m | Index of objects, $m \in \{1, M\}$ |
| x_m^k | Observed value of device k for object m |
| x_m^* | Truth for the object m |
| std_m | The standard deviation for the m -th object |