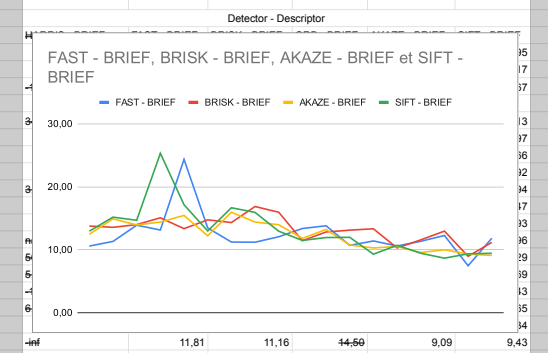
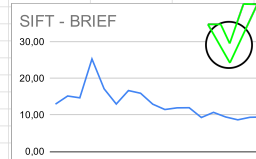
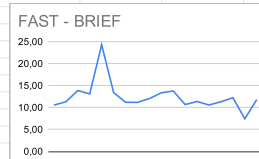
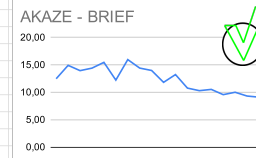
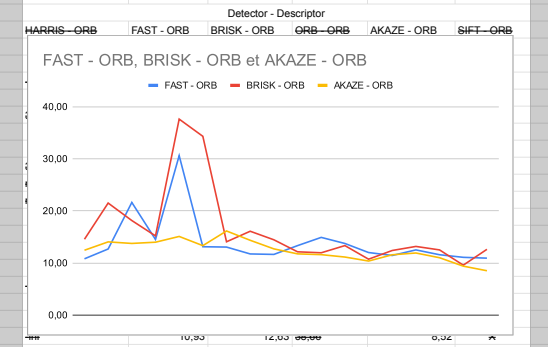
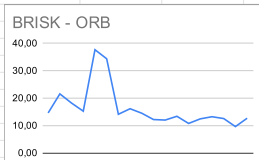
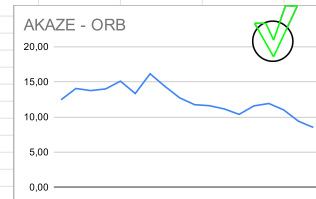
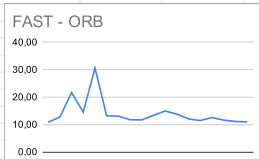


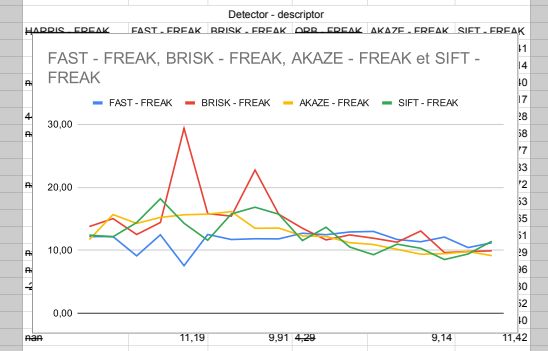
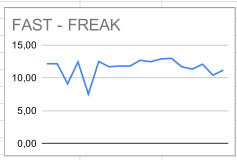
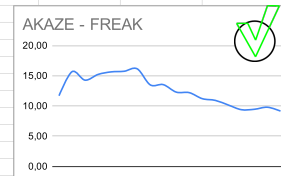
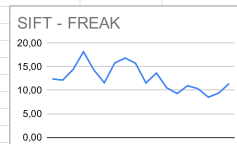
| TTC Camera | | Detectors | | | | | | | |
|------------|--------|-----------|--------|-------|-------|-------|--------|-------|-------|
| Descriptor | BRIEF | ImgIndex | HARRIS | FAST | BRISK | ORB | AKAZE | SIFT | |
| 0 | | | X | | | | | | |
| 1 | | | | X | X | X | X | X | |
| 2 | | | | 10,91 | 10,58 | 13,76 | 13,01 | 12,45 | 12,95 |
| 3 | -10,85 | | | 10,59 | 11,32 | 13,55 | 14,03 | 14,90 | 15,17 |
| 4 | | | | | 13,89 | 13,98 | 28,18 | 13,93 | 14,67 |
| 5 | | | | 12,13 | 13,12 | 15,07 | 21,40 | 14,39 | 25,30 |
| 6 | 34,15 | | | 24,34 | 13,34 | 30,21 | 15,44 | 15,44 | 17,13 |
| 7 | | | | 12,65 | 13,45 | 14,74 | 9,40 | 12,20 | 12,97 |
| 8 | | | | 12,28 | 11,21 | 14,31 | 9,34 | 15,95 | 16,66 |
| 9 | 3,30 | | | 13,57 | 11,19 | 16,86 | -inf | 14,40 | 15,92 |
| 10 | | | | | 12,05 | 15,95 | 189,96 | 13,96 | 12,94 |
| 11 | | | | 20,59 | 13,37 | 11,43 | 9,43 | 11,80 | 11,47 |
| 12 | nan | | | 11,74 | 13,80 | 12,81 | 15,18 | 13,21 | 11,93 |
| 13 | 568,32 | | | | 10,69 | 13,11 | 13,96 | 10,75 | 11,96 |
| 14 | 5,61 | | | | 11,39 | 13,32 | 15,59 | 10,28 | 9,29 |
| 15 | -13,63 | | | | 10,59 | 10,27 | 13,50 | 10,51 | 10,69 |
| 16 | 6,46 | | | | 11,34 | 11,56 | 13,14 | 9,55 | 9,43 |
| 17 | | | | 12,58 | 7,45 | 8,95 | 16,70 | 9,30 | 9,34 |
| 18 | -inf | | | | 11,81 | 11,16 | 14,50 | 9,09 | 9,43 |



| TTC Camera | | Detectors | | | | | | | |
|------------|--------|-----------|--------|-------|-------|-------|-------|-------|---|
| Descriptor | ORB | ImgIndex | HARRIS | FAST | BRISK | ORB | AKAZE | SIFT | |
| 0 | | | X | | | | | | |
| 1 | | | | X | X | X | X | X | |
| 2 | | | | 10,91 | 10,81 | 14,56 | 13,43 | 12,45 | X |
| 3 | -18,26 | | | 11,20 | 12,69 | 21,51 | 10,78 | 14,08 | X |
| 4 | | | | 21,63 | 18,15 | 33,51 | | 13,76 | X |
| 5 | | | | 11,77 | 14,52 | 15,21 | 44,24 | 13,99 | X |
| 6 | 37,38 | | | 30,61 | 37,63 | 25,21 | | 15,10 | X |
| 7 | | | | 12,99 | 13,13 | 34,32 | -inf | 13,34 | X |
| 8 | 34,19 | | | 13,71 | 13,06 | 14,08 | -inf | 16,15 | X |
| 9 | nan | | | | 11,74 | 16,10 | 9,19 | 14,36 | X |
| 10 | nan | | | | 11,65 | 14,46 | -inf | 12,71 | X |
| 11 | | | | | 13,34 | 12,15 | 13,30 | 11,76 | X |
| 12 | | | | 11,21 | 14,92 | 11,96 | 7,51 | 11,61 | X |
| 13 | | | | 11,11 | 13,75 | 13,34 | -inf | 11,15 | X |
| 14 | | | | 13,41 | 12,01 | 10,73 | 13,04 | 10,38 | X |
| 15 | -12,64 | | | 5,86 | 11,45 | 12,41 | 11,49 | 11,58 | X |
| 16 | | | | 6,34 | 11,59 | 12,51 | 13,83 | 11,01 | X |
| 17 | | | | 12,58 | 11,09 | 9,59 | 18,32 | 9,40 | X |
| 18 | -inf | | | | 10,93 | 12,63 | 38,66 | 8,52 | X |

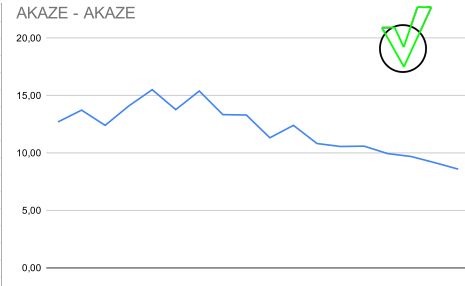


| TTC Camera | | Detectors | | | | | | | |
|------------|--------|-----------|--------|-------|-------|-------|-------|-------|-------|
| Descriptor | FREAK | ImgIndex | HARRIS | FAST | BRISK | ORB | AKAZE | SIFT | |
| 0 | | | X | | | | | | |
| 1 | | | | X | X | X | X | X | |
| 2 | | | | 9,75 | 12,16 | 13,76 | 10,42 | 11,68 | 12,41 |
| 3 | nan | | | 10,59 | 12,17 | 15,02 | 11,10 | 15,66 | 12,14 |
| 4 | | | | | 9,11 | 12,50 | 39,58 | 14,26 | 14,40 |
| 5 | | | | 11,65 | 12,45 | 14,40 | 11,14 | 15,21 | 18,17 |
| 6 | 44,92 | | | 7,55 | 29,35 | -inf | | 15,63 | 14,28 |
| 7 | nan | | | | 12,51 | 15,82 | 10,84 | 15,73 | 11,58 |
| 8 | | | | 12,20 | 11,70 | 15,41 | -inf | 16,13 | 15,77 |
| 9 | | | | 10,71 | 11,82 | 22,73 | 11,88 | 13,49 | 16,83 |
| 10 | | | | nan | 11,80 | 15,71 | 19,06 | 13,52 | 15,72 |
| 11 | | | | 10,29 | 12,70 | 13,49 | -inf | 12,28 | 11,53 |
| 12 | | | | 11,21 | 12,46 | 11,64 | 6,25 | 12,19 | 13,65 |
| 13 | nan | | | 11,95 | 12,90 | 12,43 | 12,18 | 11,19 | 10,51 |
| 14 | nan | | | | 12,98 | 11,91 | 6,24 | 10,91 | 9,29 |
| 15 | -25,28 | | | | 11,71 | 11,28 | -inf | 10,14 | 10,96 |
| 16 | | | | 8,86 | 11,34 | 13,05 | 8,86 | 9,37 | 10,30 |
| 17 | | | | | 12,09 | 9,63 | 3,21 | 9,44 | 8,52 |
| 18 | nan | | | 11,10 | 10,42 | 9,80 | 11,32 | 9,78 | 9,40 |
| 19 | | | | | 11,19 | 9,91 | 4,29 | 9,14 | 11,42 |

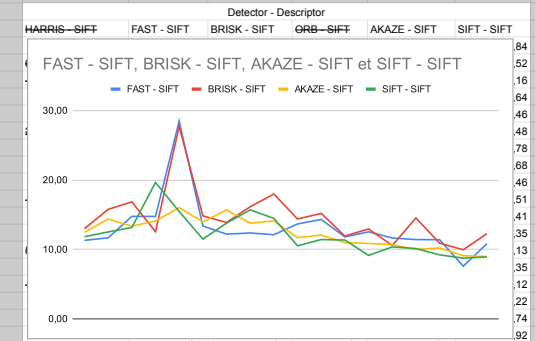
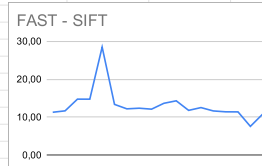
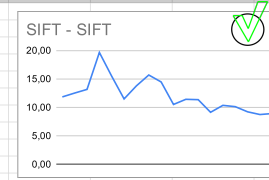
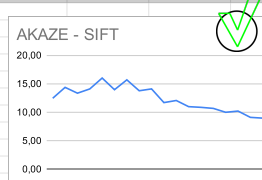


| TTC Camera | | Detectors | | | | | | | |
|------------|-------|-----------|--------|------|-------|-----|-------|------|--|
| Descriptor | AKAZE | ImgIndex | HARRIS | FAST | BRISK | ORB | AKAZE | SIFT | |
| 0 | | | X | | | | | | |
| 1 | | | | X | X | X | X | X | |

| | | | | | | |
|----|---|---|---|---|-------|---|
| 1 | X | X | X | X | 12,71 | X |
| 2 | X | X | X | X | 13,74 | X |
| 3 | X | X | X | X | 12,41 | X |
| 4 | X | X | X | X | 14,09 | X |
| 5 | X | X | X | X | 15,52 | X |
| 6 | X | X | X | X | 13,78 | X |
| 7 | X | X | X | X | 15,40 | X |
| 8 | X | X | X | X | 13,35 | X |
| 9 | X | X | X | X | 13,31 | X |
| 10 | X | X | X | X | 11,33 | X |
| 11 | X | X | X | X | 12,41 | X |
| 12 | X | X | X | X | 10,83 | X |
| 13 | X | X | X | X | 10,57 | X |
| 14 | X | X | X | X | 10,60 | X |
| 15 | X | X | X | X | 9,95 | X |
| 16 | X | X | X | X | 9,70 | X |
| 17 | X | X | X | X | 9,16 | X |
| 18 | X | X | X | X | 8,60 | X |

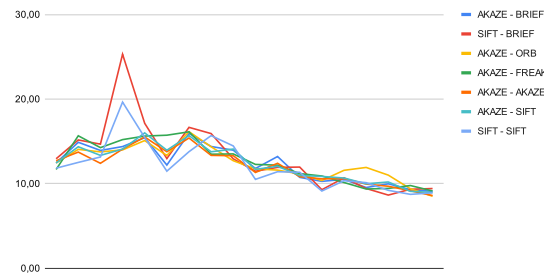


| TTC Camera | | Detectors | | | | | | |
|------------|---------|-----------|--------|-------|-------|-------|-------|-------|
| Descriptor | SIFT | ImgIndex | HARRIS | FAST | BRISK | ORB | AKAZE | SIFT |
| 0 | | | X | X | X | X | X | X |
| 1 | | | | 10,91 | 11,30 | 12,98 | 12,54 | 11,84 |
| 2 | 63,85 | | | | 11,67 | 15,77 | 11,89 | 14,37 |
| 3 | -161,71 | | | | 14,75 | 16,84 | 12,79 | 13,35 |
| 4 | | | | 11,58 | 14,75 | 12,55 | 59,56 | 14,09 |
| 5 | | | | 13,64 | 28,47 | 27,71 | -inf | 16,01 |
| 6 | 27,87 | | | | 13,37 | 14,84 | 30,50 | 13,98 |
| 7 | | | | 13,60 | 12,20 | 13,87 | -inf | 15,69 |
| 8 | | | | 17,62 | 12,36 | 16,14 | 10,31 | 13,77 |
| 9 | | | | 3,30 | 12,11 | 17,97 | 19,40 | 14,10 |
| 10 | -13,44 | | | | 13,66 | 14,37 | 12,74 | 11,69 |
| 11 | | | | 11,74 | 14,31 | 15,18 | 9,22 | 12,06 |
| 12 | | | | 11,69 | 11,79 | 11,92 | -inf | 10,98 |
| 13 | 568,32 | | | | 12,53 | 12,95 | 7,88 | 10,86 |
| 14 | | | | 5,61 | 11,64 | 10,56 | 13,26 | 10,67 |
| 15 | -13,63 | | | | 11,41 | 14,52 | 16,55 | 9,99 |
| 16 | | | | 6,72 | 11,39 | 10,90 | 9,79 | 10,20 |
| 17 | | | | 12,58 | 7,58 | 9,95 | 21,72 | 9,10 |
| 18 | -inf | | | | 10,82 | 12,27 | 11,28 | 8,96 |



The best combinations, TOP 7

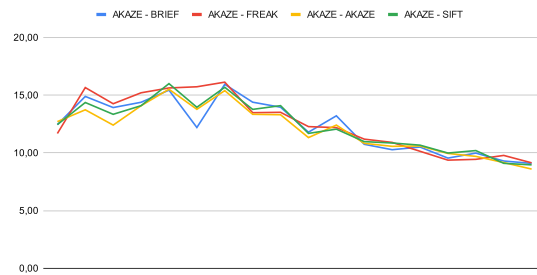
AKAZE - BRIEF, SIFT - BRIEF, AKAZE - ORB, AKAZE - FREAK, AKAZE - AKAZE...



we can remove, SIFT - BRIEF, SIFT - SIFT, AKAZE - ORB

TOP 4

AKAZE - BRIEF, SIFT - BRIEF, AKAZE - ORB, AKAZE - FREAK, AKAZE - AKAZE...



Now, AKAZE - BRIEF, seems not so good

TOP 3

AKAZE - BRIEF, SIFT - BRIEF, AKAZE - ORB, AKAZE - FREAK, AKAZE - AKAZE...

