Table 6.5. The number of events of each talk-type

Talk-type	Number of events	Percentage
Design proposal	161	19.2%
Dimension/location	53	6.3%
Explanation	97	11.5%
Information-physical	92	10.9%
Information-client	42	5.0%
Comment	222	26.4%
Question	174	20.7%
Total	841	100%

Table 6.6. Count of action-types in the data

Action-type	Number of occurrences of the action-type	Percentage of all action-types	No. of events in which the action-type was observed
Constructing	131 (121)*	14.2%	92
Locating/indicating	277 (273)	29.9%	191
Measuring	92 (82)	10.0%	79
Demonstrating function	125 (118)	13.5%	105
Examining	148 (137)	16.0%	133
Gesturing	153 (153)	16.4%	117
Total	926 (884)	100%	

* Amounts in brackets do not include action performed in silence events, i.e., action without talk.

actions was small. In most events (93%), speakers performed actions during their talk. The amount of action performed before or after talk was small – 4.5% and 2.5% respectively.

Table 6.7 shows the number of action-types that occurred for each talk-type in the videotapes analyzed. The top number in the data cells is the total of the action-type for the corresponding talk-type in that row. The bottom number (in brackets) in a cell, termed the "action value," is the normalized amount of action per event of talk-type in the row. It offers a comparison of action across talk-types with different totals of events.

The distribution of cells shows the following characteristics with respect to the average "action value":

1. The "Locating/indicating" column contains "action values" two to three times the table's average value for talk-type "Design proposal," "Dimension/location," and "Explanation," and between 1.08 and 1.7 times the average for the remaining talk-types. No other action-type involves such an extensive use in talk.

2. "Locating/indicating" and "Constructing" action-types were used frequently with talk-type "Design proposal." The "action value" for these action associations is ranked highest (0.759) and second highest (0.635) in the whole Table. "Design proposals" are associated with a below-average use of the action-types "Measuring" (0.146 "action values"), "Demonstrating function" (0.183), "Examining" (0.16), "Gesturing" (0.248). Of these four, "Gesturing" actions were used most.

Table 6.7. Action-types used with talk in Talk & Action events in the videotapes

Talk-type	Action-type					
	Construct-ing	Locating/ indicating	Measuring	Demon-strating function	Examin-ing	Gestur-ing
Design proposal No. of events: 137 No. of actions: 293	86 (0.635)	104 (0.759)	20 (0.146)	25 (0.183)	22 (0.16)	36 (0.248)
Dimension/location No. of events: 45 No of actions: 74	5 (0.111)	25 (0.556)	28 (0.622)	2 (0.044)	10 (0.222)	4 (0.088)
Explanation No. of events: 73 No. of actions: 132	7 (0.096)	46 (0.631)	13 (0.178)	21 (0.288)	21 (0.288)	24 (0.329)
Information-client No. of events: 27 No. of actions: 41	2 (0.074)	8 (0.296)	0	15 (0.556)	7 (0.259)	9 (0.333)
Information-physical No. of events:56 No. of actions: 92	3 (0.054)	20 (0.357)	8 (0.143)	21 (0.375)	17 (0.304)	23 (0.411)
Comment No. of events: 94 No. of actions: 139	12 (0.128)	30 (0.319)	8 (0.085)	25 (0.266)	31 (0.33)	33 (0.351)
Question No. of events: 87 No. of actions: 113	6 (0.069)	40 (0.456)	5 (0.058)	9 (0.103)	29 (0.333)	24 (0.276)
Total action in talk and action events	121	273	82	118	137	153

(The average value of action-type actions per event of talk-type is 0.274.)

3. As might be expected, "Measuring" and "Locating/indicating" actions have high association with "Dimension/location" talk demonstrated by "action values" 0.622 and 0.556 respectively. The other action-types have very low "action values" for "Dimension/location."

4. Not surprisingly, talk-type "Explanation" involves a very high use of "Locating/indicating" actions (0.631) and a moderate use of "Demonstrating function" (0.288), "Examining" (0.288) and "Gesturing" (0.329) actions. The use of "Constructing" actions (0.096) is very low.

5. "Demonstrating function" ("action value" 0.556) actions are more commonly used in "Information-client" talk than in other action-types. Moderate use occurs of "Gesturing" ("action value" 0.333) and "Locating/indicating" ("action value" 0.296). No "Measuring" actions occur with "Information-client" talk.

6. "Information-physical" talk is accompanied by above-average use of action-types "Locating/indicating" (0.357), "Demonstrating function" (0.375), "Examining" (0.304) and "Gesturing" (0.411). Action-type "Constructing" has very low use.

7. The action-types "Gesturing" (0.351), "Examining" (0.33), "Locating/indicating" (0.319) are commonly used in talk-type "Comment".